

How to find your Safety Data Sheet

1. Click the button with your country and language
2. Your SDS will open automatically

A

Aruba
Dutch

Australia
English

Austria
German

B

Belgium
Dutch

Belgium
French

Bosnia and Herzegovina
Serbian

Brazil
Portuguese

Bulgaria
Bulgarian

C

Canada
English

Canada
French

Chile
Spanish

China
Chinese

Croatia
Croatian

Czech Republic
Czech

D

Denmark
Danish

E

Estonia
Estonian

F

Finland
Finnish

France
French

G

Germany
German

Greece
Greek

H

Hong Kong
English

Hungary
Hungarian

I

Iceland
Icelandic

India
English

Indonesia
Indonesian

Ireland
English

Israel
English

Italy
Italian

J

Japan
Japanese

K

Kuwait
English

M

Macedonia
Macedonian

Malaysia
Malay

Malta
English

Moldova
Romanian

Montenegro
Serbian

N

Netherlands
Dutch

New Zealand
English

Norway
Norwegian

P

Poland
Polish

Q

Qatar
English

R

Romania
Romanian

S

Saudi Arabia
English

Serbia
Serbian

Singapore
English

Slovakia
Slovak

Slovenia
Slovenian

South Korea
Korean

Spain
Spanish

Sweden
Swedish

Switzerland
German

T

Taiwan
Chinese

Turkey
Turkish

U

United Arab Emirates
English

United Kingdom
English

United States
English

SAFETY DATA SHEET

iT.34 laundry stainremover pro active oxygen

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

SDS created for the UNITED ARAB EMIRATES according to GHS

1.1. Product identifier

Trade name:

iT.34 laundry stainremover pro active oxygen

1.2. Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses of the substance or mixture:

Washing and cleaning products (including solvent based products)
Restricted to professional users.

Uses advised against :

None known.

1.3. Details of the supplier of the safety data sheet

Company and address:

Hygeniq B.V.
Postbus 618
7500 AP Enschede
The Netherlands
+31 53 4282860
+31 53 5393865
www.hygeniq.com

E-mail:

info@hygeniq.com

SDS date:

15/08/2025

SDS Version:

1.0

1.4. Emergency telephone number

Contact the local emergency services.
See section 4 "First aid measures".

SECTION 2: HAZARDS IDENTIFICATION

Classified according to GHS.

2.1. Classification of the substance or mixture

Met. Corr. 1; H290, May be corrosive to metals.
Acute Tox. 4; H302, Harmful if swallowed.

According to GHS Rev. 8, 2019

Skin Irrit. 2; H315, Causes skin irritation.
Eye Dam. 1; H318, Causes serious eye damage.
STOT SE 3; H336, May cause drowsiness or dizziness.

2.2. Label elements

Hazard pictogram(s):



Signal word:

Danger

Hazard statement(s):

May be corrosive to metals. (H290)
Harmful if swallowed. (H302)
Causes skin irritation. (H315)
Causes serious eye damage. (H318)
May cause drowsiness or dizziness. (H336)

Precautionary statement(s):

General:

Not applicable.

Prevention:

Wash hands and exposed skin thoroughly after handling. (P264)
Wear eye protection/protective gloves/protective clothing. (P280)

Response:

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.
Continue rinsing. (P305+P351+P338)
Absorb spillage to prevent material damage. (P390)

Storage:

Store in a container with a resistant inner liner. (P406)

Disposal:

Dispose of contents/container in accordance with local regulation.
(P501)

Hazardous substances:

hydrogen peroxide

Additional labelling:

Not applicable.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substances

Not applicable. This product is a mixture.

3.2. Mixtures

Product/substance	Identifiers	% w/w	Classification	Note
hydrogen peroxide	CAS No.: 7722-84-1 EC No.: 231-765-0	30-50%	Ox. Liq. 1, H271 Acute Tox. 4, H302 Skin Corr. 1A, H314 (SCL: 70.00 %) Skin Corr. 1B, H314 (SCL: 50.00 %) Skin Irrit. 2, H315 (SCL: 35.00 %)	

According to GHS Rev. 8, 2019

			Eye Dam. 1, H318 (SCL: 8.00 %) Eye Irrit. 2, H319 (SCL: 5.00 %) Acute Tox. 4, H332 STOT SE 3, H336 (SCL: 35.00 %)	

See full text of H-phrases in section 16. Occupational exposure limits are listed in section 8, if these are available.

Other information

-

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

General information:

In the case of accident: Contact a doctor or casualty department – bring the label or this safety data sheet.
Contact a doctor if in doubt about the injured person's condition or if the symptoms persist. Never give an unconscious person water or other drink.

Inhalation:

Upon breathing difficulties or irritation of the respiratory tract: Bring the person into fresh air and stay with him/her.

Skin contact:

IF ON SKIN: Wash with plenty of water/water and soap.
Remove contaminated clothing and shoes. Ensure to wash exposed skin thoroughly with water and soap. DO NOT use solvents or thinners.
If skin irritation occurs: Get medical advice/attention.

Eye contact:

If in eyes: Flush eyes with plenty of water or salt water (20-30 °C) for at least 30 minutes and continue until irritation stops. Remove contact lenses. Make sure you flush under the upper and lower eyelids. Seek medical assistance immediately and continue flushing during transport.

Ingestion:

IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.
Rinse mouth.

Burns:

Not applicable.

4.2. Most important symptoms and effects, both acute and delayed

The product contains substances that cause serious eye damage. Contact with these substances can cause irreversible effects on the eye / serious eye damage.

4.3. Indication of any immediate medical attention and special treatment needed

IF exposed or concerned:
Get immediate medical advice/attention.

Information to medics

Bring this safety data sheet or the label from this product.

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Not applicable.

5.2. Special hazards arising from the substance or mixture

Fire will result in dense smoke. Exposure to combustion products may harm your health. Closed containers, which are exposed to fire, should be cooled with water. Do not allow fire-extinguishing water to enter the sewage system and nearby surface waters.

5.3. Advice for firefighters

Wear self-contained breathing apparatus and protective clothing to prevent contact. Upon direct exposure contact the national poisons emergency services in order to obtain further advice.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Avoid direct contact with spilled substances.
Ensure adequate ventilation, especially in confined areas.
Avoid inhalation of vapours from spilled material.
Contaminated areas may be slippery.

6.2. Environmental precautions

Avoid discharge to lakes, streams, sewers, etc.
Keep unauthorized persons away from the spill

6.3. Methods and material for containment and cleaning up

Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations.
Wherever possible cleaning should be performed with normal cleaning agents. Avoid use of solvents.

6.4. Reference to other sections

See section 13 "Disposal considerations" on handling of waste.
See section 8 "Exposure controls/personal protection" for protective measures.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Avoid direct contact with the product.
Smoking, drinking and consumption of food is not allowed in the work area.
See section 8 "Exposure controls/personal protection" for information on personal protection.

7.2. Conditions for safe storage, including any incompatibilities

Containers that have been opened must be carefully resealed and kept upright to prevent leakage.
Store in a container with a resistant inner liner.

Recommended storage material:

Keep only in original packaging.

Storage conditions:

Dry, cool and well ventilated

Incompatible materials:

Keep only in original packaging.

7.3. Specific end use(s)

This product should only be used for applications quoted in section 1.2.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

No substances are listed with an occupational exposure limit.

According to GHS Rev. 8, 2019

8.2. Exposure controls

Apply general control to prevent unnecessary exposure

General recommendations:

Smoking, drinking and consumption of food is not allowed in the work area.

Exposure scenarios:

There are no exposure scenarios implemented for this product.

Exposure limits:

Occupational exposure limits have not been defined for the substances in this product.

Appropriate technical measures:

Ensure that eyewash stations and safety showers are located within easy reach.

Apply standard precautions during use of the product. Avoid inhalation of vapours.

Hygiene measures:

Take off contaminated clothing and wash it before reuse.

Measures to avoid environmental exposure:

No specific requirements.

Individual protection measures, such as personal protective equipment

Generally:

Use only CE marked protective equipment.

Respiratory Equipment:

Work situation	Type	Class	Colour	Standards	
When there is risk of formation of mist/aerosol	Full mask			EN136	

Skin protection:

Recommended	Type/Category	Standards	
Dedicated work clothing should be worn.	-	-	

Hand protection:

Work situation	Material	Glove thickness (mm)	Breakthrough time (min.)	Standards	
In the event of prolonged exposure or high concentrations	Nitrile	0.4	> 480	EN374-2, EN16523-1, EN388	
In the event of prolonged exposure or high concentrations	Butyl	0,7	> 480	EN374-2, EN16523-1, EN388, EN421	

Eye protection:

Type	Standards	
Safety glasses with side shields.	EN166	

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Form:

Liquid

Colour:

Colourless

Odour:

Characteristic

Odour threshold (ppm):

No data available.

pH:

2.5

Density (g/cm³):

1.1 (20 °C)

Kinematic viscosity:

No data available.

Particle characteristics:

Does not apply to liquids.

Phase changes

Melting point/Freezing point (°C):

No data available.

Softening point/range (°C):

Does not apply to liquids.

Boiling point (°C):

100

Vapour pressure:

No data available.

Relative vapour density:

No data available.

Decomposition temperature (°C):

No data available.

Evaporation rate (n-butylacetate = 100):

Data on fire and explosion hazards

Flash point (°C):

No data available.

Flammability (°C):

No data available.

Auto-ignition temperature (°C):

No data available.

Explosion limits (% v/v):

No data available.

Solubility

Solubility in water:

According to GHS Rev. 8, 2019

Completely soluble

n-octanol/water coefficient (LogKow):

No data available.

Solubility in fat (g/L):

No data available.

9.2. Other information

No data available.

Other physical and chemical parameters:

No data available.

Oxidizing properties:

No data available.

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

No data available.

10.2. Chemical stability

The product is stable under the conditions, noted in section 7 "Handling and storage".

10.3. Possibility of hazardous reactions

None known.

10.4. Conditions to avoid

None known.

10.5. Incompatible materials

Keep only in original packaging.

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Acute toxicity

Product/substance	hydrogen peroxide
Species:	Rat
Route of exposure:	Oral
Test:	LD50
Result:	1.193 - 1.270 mg/L

Product/substance	hydrogen peroxide
Species:	Rabbit
Route of exposure:	Dermal
Test:	LD50
Result:	>2.000 (35% oplossing) mg/kg

Harmful if swallowed.

Skin corrosion/irritation

Product/substance	iT.34 laundry stainremover pro active oxygen
Result:	Adverse effect observed (Irritating)

According to GHS Rev. 8, 2019

Product/substance	hydrogen peroxide
Result:	Adverse effect observed (Irritating)

Causes skin irritation.

Serious eye damage/irritation

Product/substance	iT.34 laundry stainremover pro active oxygen
Result:	Adverse effect observed (Causes serious eye damage)

Product/substance	hydrogen peroxide
Result:	Adverse effect observed (Causes serious eye damage)

Causes serious eye damage.

Respiratory sensitisation

Product/substance	hydrogen peroxide
Result:	No adverse effect observed (not sensitising)

Based on available data, the classification criteria are not met.

Skin sensitisation

Based on available data, the classification criteria are not met.

Germ cell mutagenicity

Based on available data, the classification criteria are not met.

Carcinogenicity

Product/substance	hydrogen peroxide
Conclusion:	No adverse effect observed

Based on available data, the classification criteria are not met.

hydrogen peroxide has been classified by IARC as a group 3 carcinogen.

Reproductive toxicity

Product/substance	hydrogen peroxide
Conclusion:	No adverse effect observed

Based on available data, the classification criteria are not met.

STOT-single exposure

May cause drowsiness or dizziness.

STOT-repeated exposure

Based on available data, the classification criteria are not met.

Aspiration hazard

Product/substance	hydrogen peroxide

Based on available data, the classification criteria are not met.

Long term effects

The product contains substances that cause serious eye damage. Contact with these substances can cause irreversible effects on the eye / serious eye damage.

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Product/substance	hydrogen peroxide
Species:	Fish, Pimephales promelas
Duration:	96 hours
Test:	LC50
Result:	16,4 mg/L

According to GHS Rev. 8, 2019

Product/substance	hydrogen peroxide
Species:	Fish, <i>Leuciscus idus</i>
Duration:	72 hours
Test:	LC50
Result:	35 mg/L

Product/substance	hydrogen peroxide
Species:	Fish, <i>Oncorhynchus mykiss</i>
Duration:	7 days
Test:	LC50
Result:	38,5 mg/L

Product/substance	hydrogen peroxide
Species:	<i>Daphnia pulex</i>
Duration:	48 hours
Test:	EC50
Result:	2,4 mg/L

Product/substance	hydrogen peroxide
Species:	<i>Daphnia magna</i>
Duration:	24 hours
Test:	EC50
Result:	7,7 mg/L

Product/substance	hydrogen peroxide
Species:	<i>Skeletonema costatum</i>
Duration:	72 hours
Test:	EC50
Result:	1,38 mg/L

Product/substance	hydrogen peroxide
Test method:	OECD 209
Species:	Bacteria
Compartment:	Activated Sludge Plant
Duration:	30 minutes
Test:	EC50
Result:	466 mg/L

Product/substance	hydrogen peroxide
Test method:	OECD 209
Species:	Bacteria
Compartment:	Activated Sludge Plant
Duration:	3 hours
Test:	EC50
Result:	> 1.000 mg/L

Based on available data, the classification criteria are not met.

12.2. Persistence and degradability

Product/substance	hydrogen peroxide
Conclusion:	Readily biodegradable

12.3. Bioaccumulative potential

Product/substance	hydrogen peroxide
LogKow:	-1,57
Conclusion:	-

According to GHS Rev. 8, 2019

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

This mixture/product does not contain any substances known to fulfil the criteria for PBT and vPvB classification.

12.6. Other adverse effects

None known.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste treatment methods

Dispose of contents/container to an approved waste disposal plant.

Specific labelling

Contaminated packing

Packaging containing residues of the product must be disposed of similarly to the product.

SECTION 14: TRANSPORT INFORMATION

	14.1 UN / ID	14.2 UN proper shipping name	14.3 Hazard class(es)	14.4 PG*	14.5 Env**	Other informatio n:
ADR	UN2014	HYDROGEN PEROXIDE, AQUEOUS SOLUTION with not less than 20% but not more than 60% hydrogen peroxide (stabilized as necessary)	Transport hazard class: 5.1 Label: 5.1+8 Classification code: OC1  	II	No	Limited quantities: 1 L Tunnel restriction code: (E) See below for additional information.
IMDG	UN2014	HYDROGEN PEROXIDE, AQUEOUS SOLUTION with not less than 20% but not more than 60% hydrogen peroxide (stabilized as necessary)	Transport hazard class: 5.1 Label: 5.1+8 Classification code: OC1  	II	No	Limited quantities: 1 L EmS: F-H S-Q See below for additional information.
IATA	UN2014	HYDROGEN PEROXIDE, AQUEOUS SOLUTION with not less than 20% but not more than 60% hydrogen peroxide (stabilized as necessary)	Transport hazard class: 5.1 Label: 5.1+8 Classification code: OC1  	II	No	See below for additional information.

* Packing group

** Environmental hazards

Additional information

This product is within scope of the regulations of transport of dangerous goods.

ADR / See Table A, section 3.2.1 for any information on special provisions, requirements, or warnings in connection with transport. See section 5.4.3, for instructions in writing regarding mitigation of damages in relation to incidents or accidents during transport.

IMDG / See section 3.2.1, for any information on special provisions, requirements, or warnings in connection with transport.

IATA / See Table 4.2 for any information on special provisions, requirements, or warnings in connection with transport.

14.6. Special precautions for user

Not applicable.

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

No data available.

SECTION 15: REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Restrictions for application:

Restricted to professional users.

People under the age of 18 shall not be exposed to this product.

Demands for specific education:

No specific requirements.

Additional information:

Not applicable.

Sources:

Globally Harmonized System of Classification and Labelling of Chemicals (GHS Rev. 8, 2019)

15.2. Chemical safety assessment

No

SECTION 16: OTHER INFORMATION

Full text of H-phrases as mentioned in section 3

H271, May cause fire or explosion; strong oxidiser.

H302, Harmful if swallowed.

H314, Causes severe skin burns and eye damage.

H315, Causes skin irritation.

H318, Causes serious eye damage.

H319, Causes serious eye irritation.

H332, Harmful if inhaled.

H336, May cause drowsiness or dizziness.

The full text of identified uses as mentioned in section 1

None known.

Abbreviations and acronyms

ACGIH = American Conference of Governmental Industrial Hygienists

ADN = European Provisions concerning the International Carriage of Dangerous Goods by Inland Waterway

ADR = The European Agreement concerning the International Carriage of Dangerous Goods by Road

ATE = Acute Toxicity Estimate

BCF = Bioconcentration Factor

CAS = Chemical Abstracts Service

CERCLA = Comprehensive Environmental Response Compensation and Liability Act

DOT = Department of Transportation

EINECS = European Inventory of Existing Commercial chemical Substances

EPCRA = Emergency Planning and Community Right-To-Know Act

GHS = Globally Harmonized System of Classification and Labelling of Chemicals

HCIS = Hazardous Chemical Information System

HNOC = Hazards Not Otherwise Classified

IARC = International Agency for Research on Cancer

IATA = International Air Transport Association

IMDG = International Maritime Dangerous Goods

LogPow = logarithm of the octanol/water partition coefficient

MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)

NFPA = National Fire Protection Association

NIOSH = National Institute for Occupational Safety and Health

OECD = Organisation for Economic Co-operation and Development

OSHA = Occupational Safety and Health Administration

PBT = Persistent, Bioaccumulative and Toxic

RCRA = Resource Conservation and Recovery Act

RID = The Regulations concerning the International Carriage of Dangerous Goods by Rail

RRN = REACH Registration Number

SARA = Superfund Amendments and Reauthorization Act

SCL = A specific concentration limit.

STEL = Short-term exposure limits

STOT-RE = Specific Target Organ Toxicity - Repeated Exposure

STOT-SE = Specific Target Organ Toxicity - Single Exposure

TSCA = The Toxic Substances Control Act

TWA = Time weighted average

UN = United Nations

UVBC = Unknown or variable composition, complex reaction products or of biological materials

VOC = Volatile Organic Compound

vPvB = Very Persistent and Very Bioaccumulative

Additional information

In accordance with GHS the evaluation of the classification of the mixture is based on:

The classification of the mixture in regard of health hazards is in accordance with the calculation methods given by GHS.

The safety data sheet is validated by

Quality & Compliance

Other

A change (in proportion to the last essential change (first cipher in SDS version, see section 1)) is marked with a triangle.

The information in this safety data sheet applies only to this specific product (mentioned in section 1) and is not necessarily correct for use with other chemicals/products.

It is recommended to hand over this safety data sheet to the actual user of the product. Information in this safety data sheet cannot be used as a product specification.

Country-language: AE-en

SICHERHEITSDATENBLATT

iT.34 laundry stainremover pro active oxygen

ABSCHNITT 1: BEZEICHNUNG DES STOFFS BEZIEHUNGSWEISE DES GEMISCHS UND DES UNTERNEHMENS

1.1. Produktidentifikator

Handelsname:

iT.34 laundry stainremover pro active oxygen

Eindeutiger Rezepturidentifikator (UFI):

KWY8-NP0S-J88H-EC1G

1.2. Relevante identifizierte Verwendungen des Stoffs oder Gemischs und Verwendungen, von denen abgeraten wird

Relevante identifizierte Verwendungen des Stoffs oder Gemischs:

Wasch- und Reinigungsmittel (einschließlich Produkte auf Lösungsmittelbasis)
Nur für gewerbliche Anwender.

Verwendungen, von denen abgeraten wird:

Keine bekannt.

1.3. Einzelheiten zum Lieferanten, der das Sicherheitsdatenblatt bereitstellt

Firmenname und Adresse:

Hygeniq B.V.

Postbus 618
7500 AP Enschede
The Netherlands
+31 53 4282860
+31 53 5393865
www.hygeniq.com

Email:

info@hygeniq.com

Überarbeitet am:

15.08.2025

SDB Version:

1.0

1.4. Notrufnummer

Vergiftungsinformationszentrale (VIZ): +43 (0)1 406 43 43 (von 0 bis 24 Uhr)
Siehe auch Abschnitt 4 zu Erste-Hilfe-Maßnahmen

ABSCHNITT 2: MÖGLICHE GEFAHREN

Eingestuft gemäß der Verordnung (EG) Nr. 1272/2008 (CLP).

2.1. Einstufung des Stoffs oder Gemischs

Met. Corr. 1; H290, Kann gegenüber Metallen korrosiv sein.
Acute Tox. 4; H302, Gesundheitsschädlich bei Verschlucken.
Skin Irrit. 2; H315, Verursacht Hautreizungen.
Eye Dam. 1; H318, Verursacht schwere Augenschäden.
STOT SE 3; H336, Kann Schläfrigkeit und Benommenheit verursachen.

2.2. Kennzeichnungselemente

Gefahrenpiktogramme:



Signalwort:

Gefahr

Gefahrenhinweise:

Kann gegenüber Metallen korrosiv sein. (H290)
Gesundheitsschädlich bei Verschlucken. (H302)
Verursacht Hautreizungen. (H315)
Verursacht schwere Augenschäden. (H318)
Kann Schläfrigkeit und Benommenheit verursachen. (H336)

Sicherheitshinweise:

Allgemeines:

Nicht zutreffend.

Prävention:

Nach Gebrauch Hände und exponierte Haut gründlich waschen. (P264)
Augenschutz/Schutzhandschuhe/Schutzkleidung tragen. (P280)

Reaktion:

BEI KONTAKT MIT DEN AUGEN: Einige Minuten lang behutsam mit Wasser spülen. Eventuell vorhandene Kontaktlinsen nach Möglichkeit entfernen. Weiter spülen. (P305+P351+P338)
Verschüttete Mengen aufnehmen, um Materialschäden zu vermeiden. (P390)

Lagerung:

In Behälter mit widerstandsfähiger Innenauskleidung aufbewahren. (P406)

Entsorgung:

Inhalt/Behälter gemäß lokalen Vorschriften zuführen. (P501)

Enthält:

Wasserstoffperoxid

Andere Kennzeichnungen:

UFI: KQY8-NP0S-J88H-EC1G

Kennzeichnung der Inhaltsstoffe gemäß Verordnung über Detergenzien 648/2004 (gilt für Verpackungen von Reinigungsmitteln, die an die breite Öffentlichkeit verkauft werden):

≥ 30%

· Bleichmittel auf Sauerstoffbasis

2.3. Sonstige Gefahren

Anderes:

Diese Mischung/dieses Produkt enthält keine Substanzen, die den Kriterien für eine Klassifizierung als PBT- und/oder vPvB-Stoff entsprechen.

Dieses Produkt enthält keine Stoffe, die gemäß den Kriterien der Delegierten Verordnung (EU) 2017/2100 der Kommission oder der Verordnung (EU) 2023/707 der Kommission als endokrine Disruptoren gelten.

ABSCHNITT 3: ZUSAMMENSETZUNG/ANGABEN ZU BESTANDTEILEN

3.1. Stoffe

Nicht zutreffend. Dieses Produkt ist ein Gemisch.

3.2. Gemische

Produkt / Substanz	Identifikatoren	% w/w	Einstufung	Anm.
Wasserstoffperoxid	CAS-Nr.: 7722-84-1 EG-Nr.: 231-765-0 REACH: 01-2119485845-22-XXXX Indexnr.: 008-003-00-9	30-50%	Ox. Liq. 1, H271 Acute Tox. 4, H302 Skin Corr. 1A, H314 (SCL: 70,00 %) Skin Corr. 1B, H314 (SCL: 50,00 %) Skin Irrit. 2, H315 (SCL: 35,00 %) Eye Dam. 1, H318 (SCL: 8,00 %) Eye Irrit. 2, H319 (SCL: 5,00 %) Acute Tox. 4, H332 STOT SE 3, H336 (SCL: 35,00 %)	

Vollständiger Text der H-Sätze - siehe Abschnitt 16. Die Grenzwerte für die Exposition am Arbeitsplatz sind, wenn verfügbar, in Abschnitt 8 wiedergegeben.

Weitere Angaben

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ABSCHNITT 4: ERSTE-HILFE-MASSNAHMEN

4.1. Beschreibung der Erste-Hilfe-Massnahmen

Allgemeine Hinweise:

Bei Unfällen: Arzt oder Erste-Hilfe-Raum aufsuchen - das Etikett oder dieses Sicherheitsdatenblatt mitbringen.
Bei anhaltenden Symptomen oder Zweifel über den Zustand des Geschädigten ist ärztliche Hilfe aufzusuchen.
Einem Bewusstlosen nie Wasser o.Ä. verabreichen.

Nach Einatmen:

Bei Atembeschwerden oder Reizung der Atemwege: Betroffenen an die frische Luft bringen und beaufsichtigen.

Nach Hautkontakt:

BEI BERÜHRUNG MIT DER HAUT: Mit viel Wasser/Wasser und Seife waschen.
Verunreinigte Kleidung und Schuhe entfernen. Haut, die mit dem Material in Kontakt gekommen ist, ist gründlich mit Wasser und Seife zu waschen. KEIN Lösungsmittel oder Verdünner verwenden.
Bei Hautreizung: Ärztlichen Rat einholen/ärztliche Hilfe hinzuziehen.

Nach Augenkontakt:

Bei Kontakt mit den Augen: Augen sofort mit viel Wasser (20-30 °C) mindestens 30 Minuten lang spülen, bis die Reizung aufhört. Ggf. Kontaktlinsen herausnehmen. Unter dem oberen und unteren Lid spülen. Sofort Arzt aufsuchen. Während des Transports weiter spülen.

Nach Verschlucken:

BEI VERSCHLUCKEN: Bei Unwohlsein GIFTINFORMATIONSZENTRUM/Arzt anrufen.
Mund ausspülen.

Verbrennung:

Nicht zutreffend.

4.2. Wichtigste akute und verzögert auftretende Symptome und Wirkungen

Das Produkt enthält Substanzen, welche schwere Augenschäden verursachen. Der Kontakt mit diesen Stoffen kann irreversible Auswirkungen auf das Auge haben / schwere Augenschäden verursachen.

4.3. Hinweise auf ärztliche Soforthilfe oder Spezialbehandlung

BEI Exposition oder falls betroffen:

Sofort ärztlichen Rat einholen/ärztliche Hilfe hinzuziehen.

Hinweise für den Arzt

Dieses Sicherheitsdatenblatt oder das Etikett des Produktes mitbringen.

ABSCHNITT 5: MASSNAHMEN ZUR BRANDBEKÄMPFUNG

5.1. Löschmittel

Nicht zutreffend.

5.2. Besondere vom Stoff oder Gemisch ausgehende Gefahren

Bei Feuer bildet sich dichter Rauch. Abbauproduktexposition kann eine gesundheitliche Gefahr bedeuten.

Geschlossene, dem Feuer ausgesetzte Behälter sind mit Wasser zu kühlen. Löschwasser nicht in Kanalisation und Fließgewässer gelangen lassen.

5.3. Hinweise für die Brandbekämpfung

Normale Einsatzbekleidung und voller Atemschutz. Wenden Sie sich an die Vergiftungsinformationszentrale (VIZ): +43 (0)1 406 43 43 (von 0 bis 24 Uhr), um weitere Ratschläge zu erhalten.

ABSCHNITT 6: MASSNAHMEN BEI UNBEABSICHTIGTER FREISETZUNG

6.1. Personenbezogene Vorsichtsmaßnahmen, Schutzausrüstungen und in Notfällen anzuwendende Verfahren

Direkten Kontakt mit dem ausgetretenen Stoff vermeiden.

Sorgen Sie für ausreichende Belüftung, insbesondere in geschlossenen Räumen.

Vermeiden, Dämpfe ausgetretener Stoffe einzuatmen.

Kontaminierte Bereiche können rutschig sein.

6.2. Umweltschutzmaßnahmen

Einleitung in Seen, Bäche, Kanalisationen usw. vermeiden.

Halten Sie Unbefugte von dem verschütteten Produkt fern.

6.3. Methoden und Material für Rückhaltung und Reinigung

Verschüttetes Material wird mit nicht brennbaren absorbierenden Materialien wie etwa Sand, Erde, Vermiculit und Diatomeenerde eingedämmt und gemäß den geltenden Regeln in Behältern gesammelt und entsorgt.

Die Reinigung erfolgt soweit möglich mit Reinigungsmitteln. Lösungsmittel sind zu vermeiden.

6.4. Verweis auf andere Abschnitte

Siehe Abschnitt 13 "Hinweise zur Entsorgung" zur Handhabung von Abfällen.

Für Schutzmaßnahmen siehe Abschnitt 8 "Begrenzung und Überwachung der Exposition/Persönliche Schutzausrüstungen".

ABSCHNITT 7: HANDHABUNG UND LAGERUNG

7.1. Schutzmaßnahmen zur sicheren Handhabung

Direkten Kontakt mit dem Produkt vermeiden.

Rauchen, Verzehr von Lebensmitteln und Getränken sind im Arbeitsbereich nicht zulässig.

Siehe Abschnitt 8 zum Persönliche Schutzausrüstungen.

7.2. Bedingungen zur sicheren Lagerung unter Berücksichtigung von Unverträglichkeiten

Geöffnete Behälter sorgfältig verschließen und aufrecht lagern, um jegliches Auslaufen zu verhindern.

In Behälter mit widerstandsfähiger Innenauskleidung aufbewahren.

Geeigneten Verpackung:

Nur in Originalverpackung aufbewahren.

Lagerbedingungen:

Trocken, kühl und gut belüftet.

Unverträgliche Materialien:

Nur in Originalverpackung aufbewahren.

7.3. Spezifische Endanwendungen

Dieses Produkt sollte nur für Anwendungen in Abschnitt 1.2 verwendet werden.

ABSCHNITT 8: BEGRENZUNG UND ÜBERWACHUNG DER EXPOSITION/PERSÖNLICHE SCHUTZAUSRÜSTUNGEN

8.1. Zu überwachende Parameter

Wasserstoffperoxid

Kurzzeitwert (15 Minuten) (mg/m³): 2,8

Kurzzeitwert (15 Minuten) (ppm): 2

Arbeitsplatzgrenzwert (8 Stunden) (mg/m³): 1,4

Arbeitsplatzgrenzwert (8 Stunden) (ppm): 1

Grenzwerteverordnung 2024 - GVK 2024, BGBl. II Nr. 330/2024

DNEL

Wasserstoffperoxid

Prüfdauer:	Expositionswege:	DNEL:
Kurzfristig – Örtliche Auswirkungen - Allgemeine Bevölkerung	Inhalation	1.93 mg/m ³
Kurzfristig – Örtliche Auswirkungen - Arbeiter	Inhalation	3 mg/m ³
Langfristig – Örtliche Auswirkungen - Allgemeine Bevölkerung	Inhalation	0,21 mg/m ³
Langfristig – Örtliche Auswirkungen - Allgemeine Bevölkerung	Inhalation	210 µg/m ³
Langfristig – Örtliche Auswirkungen - Arbeiter	Inhalation	1.4 mg/m ³

PNEC

Wasserstoffperoxid

Expositionswege:	Dauer der Aussetzung:	PNEC:
Erde		0,023 mg/kg
Erde		1.9 µg/kg
Kläranlagen		466 mg/L
Pulsierende Freisetzung (Süßwasser)		13.8 µg/L
Seewasser		0,047 mg/L
Seewasser		12.6 µg/L
Seewassersedimente		0,047 mg/L
Seewassersedimente		47 µg/kg
Süßwasser		0,0126 mg/L
Süßwasser		12.6 µg/L
Süßwassersedimente		0,047 mg/kg
Süßwassersedimente		47 µg/kg

8.2. Begrenzung und Überwachung der Exposition

Es wird empfohlen die Einhaltung der angegebenen Grenzwerte regelmäßig zu kontrollieren.

Allgemeine Hinweise:

Rauchen, Verzehr von Lebensmitteln und Getränken sind im Arbeitsbereich nicht zulässig.

Expositionsszenarien:

Für dieses Produkt wurden keine Expositionsszenarien implementiert.

Expositionsgrenzwerte:

Für berufliche Benutzer gelten in Bezug auf die maximalen Expositionskonzentrationen die gesetzlichen Vorschriften zu Arbeitshygiene. Siehe die obigen arbeitshygienische Grenzwerte.

Zusätzliche Hinweise zur Gestaltung technischer Anlagen:

Dampfbildung muss auf ein Minimum reduziert werden und unter den aktuellen Grenzwerten liegen (siehe oben).

Wenn der reguläre Luftstrom im Arbeitsraum nicht ausreichend ist, wird die Installation eines lokalen Abluftsystems empfohlen. Not- und Augenduschen müssen deutlich gekennzeichnet sind.

Stellen Sie sicher, dass Augenspülstationen und Notduschen leicht erreichbar sind.

Es gelten die üblichen Vorkehrungsmaßnahmen bei der Verwendung des Produkts. Einatmen von Dämpfen vermeiden.

Hygienemaßnahmen:

Kontaminierte Kleidung ausziehen und vor erneutem Tragen waschen.

Begrenzung der Umweltexposition:

Keine besonderen Anforderungen.

Individuelle Schutzmaßnahmen

Allgemeine Schutzmaßnahmen:

Nur Schutzausrüstung mit CE-Kennzeichnung verwenden.

Atemschutz:

Arbeitssituation	Typ	Klasse	Farbe	Normen	
Wenn ein Risiko von Dunst-/Aerosolbildung besteht	Vollmaske			EN136	

Körperschutz:

Empfohlen	Typ/Kategorien	Normen	
Es ist besondere Arbeitskleidung zu tragen.	-	-	

Handschutz:

Arbeitssituation	Material	Minimale Schichtdicke (mm)	Durchbruchzeit (min.)	Normen	
Im Falle längere Exposition oder bei hoher Konzentration	Nitrilkautschuk	0.4	> 480	EN374-2, EN16523-1, EN388	
Im Falle längere Exposition oder bei hoher Konzentration	Butyl Handschuh	0,7	> 480	EN374-2, EN16523-1, EN388, EN421	

Augenschutz:

Typ	Normen	
Schutzbrille mit Seitenschutz tragen	EN166	

ABSCHNITT 9: PHYSIKALISCHE UND CHEMISCHE EIGENSCHAFTEN

9.1. Angaben zu den grundlegenden physikalischen und chemischen Eigenschaften

Form:

Flüssig

Farbe:

Farblos

Geruch / Geruchsschwelle (ppm):

Charakteristisch

pH:

2.5

Dichte (g/cm³):

1,1 (20 °C)

Kinematische Viskosität:

Es liegen keine Daten vor.

Partikeleigenschaften:

Gilt nicht für Flüssigkeiten.

Zustandsänderungen

Schmelzpunkt/Gefrierpunkt (°C):

Es liegen keine Daten vor.

Erweichungspunkt/ -bereich (°C):

Gilt nicht für Flüssigkeiten.

Siedepunkt (°C):

100

Dampfdruck:

Es liegen keine Daten vor.

Relative Dampfdichte:

Es liegen keine Daten vor.

Zersetzungstemperatur (°C):

Es liegen keine Daten vor.

Explosions und Feuer Daten

Flammpunkt (°C):

Es liegen keine Daten vor.

Entzündbarkeit (°C):

Es liegen keine Daten vor.

Zündtemperatur (°C):

Es liegen keine Daten vor.

Explosionsgrenzen (% v/v):

Es liegen keine Daten vor.

Löslichkeit

Löslichkeit in Wasser:
Vollständig löslich

n-Octanol/Wasser Verteilungskoeffizient (LogKow):
Es liegen keine Daten vor.

Löslichkeit in Fett (g/L):
Es liegen keine Daten vor.

9.2. Sonstige Angaben

Weitere physikalische und chemische Parameter:
Es liegen keine Daten vor.

Brandfördernde Eigenschaften:
Es liegen keine Daten vor.

ABSCHNITT 10: STABILITÄT UND REAKTIVITÄT

10.1. Reaktivität

Es liegen keine Daten vor.

10.2. Chemische Stabilität

Das Produkt ist unter den in Abschnitt 7 aufgeführten Bedingungen stabil.

10.3. Möglichkeit gefährlicher Reaktionen

Keine bekannt.

10.4. Zu vermeidende Bedingungen

Keine bekannt.

10.5. Unverträgliche Materialien

Nur in Originalverpackung aufbewahren.

10.6. Gefährliche Zersetzungsprodukte

Unter normalen Lagerungs- und Verwendungsbedingungen sollten keine gefährlichen Zersetzungsprodukte entstehen.

ABSCHNITT 11: TOXIKOLOGISCHE ANGABEN

11.1. Angaben zu den Gefahrenklassen im Sinne der Verordnung (EG) Nr. 1272/2008

Akute Toxizität

Produkt / Substanz	Wasserstoffperoxid
Spezies:	Ratte
Expositionswegen:	Oral
Test:	LD50
Ergebnis:	1.193 - 1.270 mg/L

Produkt / Substanz	Wasserstoffperoxid
Spezies:	Kaninchen
Expositionswegen:	Dermal
Test:	LD50
Ergebnis:	>2.000 (35% oplossing) mg/kg

Gesundheitsschädlich bei Verschlucken.

Ätz-/Reizwirkung auf die Haut

Produkt / Substanz	iT.34 laundry stainremover pro active oxygen

Ergebnis: Schädliche Wirkungen beobachtet (Reizend)

Produkt / Substanz Wasserstoffperoxid
Ergebnis: Schädliche Wirkungen beobachtet (Reizend)

Verursacht Hautreizungen.

Schwere Augenschädigung/-reizung

Produkt / Substanz iT.34 laundry stainremover pro active oxygen
Ergebnis: Schädliche Wirkungen beobachtet (Verursacht schwere Augenschäden)

Produkt / Substanz Wasserstoffperoxid
Ergebnis: Schädliche Wirkungen beobachtet (Verursacht schwere Augenschäden)

Verursacht schwere Augenschäden.

Sensibilisierung der Atemwege

Produkt / Substanz Wasserstoffperoxid
Ergebnis: Keine schädlichen Wirkungen beobachtet (nicht sensibilisierend)

Aufgrund der verfügbaren Daten sind die Einstufungskriterien nicht erfüllt.

Sensibilisierung der Haut

Aufgrund der verfügbaren Daten sind die Einstufungskriterien nicht erfüllt.

Keimzell-Mutagenität

Aufgrund der verfügbaren Daten sind die Einstufungskriterien nicht erfüllt.

Karzinogenität

Produkt / Substanz Wasserstoffperoxid
Ergebnis: Keine schädlichen Wirkungen beobachtet

Aufgrund der verfügbaren Daten sind die Einstufungskriterien nicht erfüllt.

Reproduktionstoxizität

Produkt / Substanz Wasserstoffperoxid
Ergebnis: Keine schädlichen Wirkungen beobachtet

Aufgrund der verfügbaren Daten sind die Einstufungskriterien nicht erfüllt.

Spezifische Zielorgan-Toxizität bei einmaliger Exposition

Kann Schläfrigkeit und Benommenheit verursachen.

Spezifische Zielorgan-Toxizität bei wiederholter Exposition

Aufgrund der verfügbaren Daten sind die Einstufungskriterien nicht erfüllt.

Aspirationsgefahr

Produkt / Substanz Wasserstoffperoxid
Aufgrund der verfügbaren Daten sind die Einstufungskriterien nicht erfüllt.

11.2. Angaben über sonstige Gefahren

Zusätzliche toxikologische Hinweise

Das Produkt enthält Substanzen, welche schwere Augenschäden verursachen. Der Kontakt mit diesen Stoffen kann irreversible Auswirkungen auf das Auge haben / schwere Augenschäden verursachen.

Endokrinschädlichen Eigenschaften

Diese Mischung/dieses Produkt enthält keine Substanzen, von denen angenommen wird, dass sie in Bezug auf die Gesundheit hormonstörende Eigenschaften aufweisen.

Sonstige Angaben

Wasserstoffperoxid : Der Stoff wurde von der IARC in Gruppe 3 eingestuft.

ABSCHNITT 12: UMWELTBEZOGENE ANGABEN

12.1. Toxizität

Produkt / Substanz	Wasserstoffperoxid
Spezies:	Fisch, Pimephales promelas
Prüfdauer:	96 Stunden
Test:	LC50
Ergebnis:	16,4 mg/L

Produkt / Substanz	Wasserstoffperoxid
Spezies:	Fisch, Leuciscus idus
Prüfdauer:	72 Stunden
Test:	LC50
Ergebnis:	35 mg/L

Produkt / Substanz	Wasserstoffperoxid
Spezies:	Fisch, Oncorhynchus mykiss
Prüfdauer:	7 Tage
Test:	LC50
Ergebnis:	38,5 mg/L

Produkt / Substanz	Wasserstoffperoxid
Spezies:	Daphnia pulex
Prüfdauer:	48 Stunden
Test:	EC50
Ergebnis:	2,4 mg/L

Produkt / Substanz	Wasserstoffperoxid
Spezies:	Daphnia magna
Prüfdauer:	24 Stunden
Test:	EC50
Ergebnis:	7,7 mg/L

Produkt / Substanz	Wasserstoffperoxid
Spezies:	Skeletonema costatum
Prüfdauer:	72 Stunden
Test:	EC50
Ergebnis:	1,38 mg/L

Produkt / Substanz	Wasserstoffperoxid
Prüfmethode:	OECD 209
Spezies:	Bakterien
Umwelt-kompartiment :	Aktivierte Kläranlage
Prüfdauer:	30 minutes
Test:	EC50
Ergebnis:	466 mg/L

Produkt / Substanz	Wasserstoffperoxid
Prüfmethode:	OECD 209
Spezies:	Bakterien
Umwelt-kompartiment :	Aktivierte Kläranlage
Prüfdauer:	3 Stunden
Test:	EC50
Ergebnis:	> 1.000 mg/L

Aufgrund der verfügbaren Daten sind die Einstufungskriterien nicht erfüllt.

12.2. Persistenz und Abbaubarkeit

Produkt / Substanz: Wasserstoffperoxid
Ergebnis: Leichte biologische Abbaubarkeit

12.3. Bioakkumulationspotenzial

Produkt / Substanz: Wasserstoffperoxid
LogKow: -1,57
Ergebnis: -

12.4. Mobilität im Boden

Es liegen keine Daten vor.

12.5. Ergebnisse der PBT- und vPvB-Beurteilung

Diese Mischung/dieses Produkt enthält keine Substanzen, die den Kriterien für eine Klassifizierung als PBT- und/oder vPvB-Stoff entsprechen.

12.6. Endokrinschädlichen Eigenschaften

Produkt / Substanz: iT.34 laundry stainremover pro active oxygen
Ergebnis: Keine schädlichen Wirkungen beobachtet

Diese Mischung/dieses Produkt enthält keine Substanzen, von denen angenommen wird, dass sie in Bezug auf die Umwelt endokrinschädigende Eigenschaften aufweisen.

12.7. Andere schädliche Wirkungen

Keine bekannt.

ABSCHNITT 13: HINWEISE ZUR ENTSORGUNG

13.1. Verfahren der Abfallbehandlung

Das Produkt sollte als gefährlicher Abfall behandelt werden. (*)

HP 6 - Akute Toxizität

HP 8 - Ätzend

Inhalt/Behälter zugelassenem Entsorger oder kommunaler Sammelstelle zuführen.

VERORDNUNG (EU) Nr. 1357/2014 der Kommission vom 18. Dezember 2014 über Abfälle.

Abfallschlüsselnr. (EWC):

20 01 29* Reinigungsmittel, die gefährliche Stoffe enthalten

Ungereinigte Verpackungen

Verpackungen mit Produktrückständen sind nach den gleichen Bedingungen zu entsorgen, wie das Produkt selbst.

ABSCHNITT 14: ANGABEN ZUM TRANSPORT

	14.1 UN	14.2 Ordnungsgemäße UN- Versandbezeichnung	14.3 Transportgefahrenklassen	14.4 PG*	14.5. Env**	Weitere Angaben:
ADR	UN2014	WASSERSTOFFPEROXID, WÄSSRIGE LÖSUNG	Transportgefahren-klassen: 5.1 Gefahrzettel: 5.1+8 Klassifizierungscode: OC1  	II	Nein	Begrenzte Mengen: 1 L Tunnelbeschrän- kungs- code: (E) Nähere Informatio

	14.1 UN	14.2 Ordnungsgemäße UN- Versandbezeichnung	14.3 Transportgefahrenklassen	14.4 PG*	14.5. Env**	Weitere Angaben:
						nen siehe unten.
IMDG	UN2014	HYDROGEN PEROXIDE, AQUEOUS SOLUTION with not less than 20% but not more than 60% hydrogen peroxide (stabilized as necessary)	Transportgefahren-klassen: 5.1 Gefahrzettel: 5.1+8 Klassifizierungscode: OC1  	II	Nein	Begrenzte Mengen: 1 L EmS: F-H S-Q Nähere Informationen siehe unten.
IATA	UN2014	HYDROGEN PEROXIDE, AQUEOUS SOLUTION with not less than 20% but not more than 60% hydrogen peroxide (stabilized as necessary)	Transportgefahren-klassen: 5.1 Gefahrzettel: 5.1+8 Klassifizierungscode: OC1  	II	Nein	Nähere Informationen siehe unten.

* Verpackungsgruppe

** Umweltgefahren

Anderes

Das Produkt fällt unter die Gefahrgutkonventionen.

ADR / Information zu besonderen Vorkehrungen, Bedingungen oder Warnungen in Bezug auf den Transport siehe Tabelle A, Abschnitt 3.2.1. Schriftliche Anweisungen zur Schadensvermeidung bei transportbezogenen Un- oder Zwischenfällen siehe Abschnitt 5.4.3.

IMDG / Information zu besonderen Vorkehrungen, Bedingungen oder Warnungen in Bezug auf den Transport siehe Abschnitt 3.2.1.

IATA / Information zu besonderen Vorkehrungen, Bedingungen oder Warnungen in Bezug auf den Transport siehe Tabelle 4.2.

14.6. Besondere Vorsichtsmaßnahmen für den Verwender

Nicht zutreffend.

14.7. Massengutbeförderung auf dem Seeweg gemäß IMO-Instrumenten

Es liegen keine Daten vor.

ABSCHNITT 15: RECHTSVORSCHRIFTEN

15.1. Vorschriften zu Sicherheit, Gesundheits- und Umweltschutz/spezifische Rechtsvorschriften für den Stoff oder das Gemisch

Nutzungsbeschränkungen:

Nur für gewerbliche Anwender.

Bedarf für spezielle Schulung:

Keine besonderen Anforderungen.

Der Störfallverordnung - Gefahrenkategorien / Namentlich aufgeführte gefährliche Stoffe:

Nicht zutreffend.

Verordnung von Ausgangsstoffen für Explosivstoffe:

Wasserstoffperoxid (Anhang I)

Kennzeichnung der Inhaltsstoffe gemäß Verordnung über Detergenzien 648/2004:

≥ 30%

· Bleichmittel auf Sauerstoffbasis

WGK-Einstufung:

Wassergefährdungsklasse: WGK 1

Anderes:

Nicht zutreffend.

Verwendete Quellen:

Bundesrecht konsolidiert: Gesamte Rechtsvorschrift für Beschäftigungsverbote und -beschränkungen für Jugendliche, Fassung vom 16.09.2021

VERORDNUNG (EG) Nr. 648/2004 des Europäischen Parlaments und des Rates vom 31. März 2004 über Detergenzien.

VERORDNUNG (EU) Nr. 1357/2014 der Kommission vom 18. Dezember 2014 über Abfälle.

Verordnung (EU) 2019/1148 von Ausgangsstoffen für Explosivstoffe.

VERORDNUNG (EG) Nr. 1272/2008 des Europäischen Parlaments und des Rates vom 16. Dezember 2008 über die Einstufung, Kennzeichnung und Verpackung von Stoffen und Gemischen (CLP).

Verordnung (EG) Nr. 1907/2006 des Europäischen Parlaments und des Rates vom 18. Dezember 2006 zur Registrierung, Bewertung, Zulassung und Beschränkung chemischer Stoffe (REACH).

15.2. Stoffsicherheitsbeurteilung

Nein

ABSCHNITT 16: SONSTIGE ANGABEN

H-Sätze (Abschnitt 3)

H271, Kann Brand oder Explosion verursachen; starkes Oxidationsmittel.

H302, Gesundheitsschädlich bei Verschlucken.

H314, Verursacht schwere Verätzungen der Haut und schwere Augenschäden.

H315, Verursacht Hautreizungen.

H318, Verursacht schwere Augenschäden.

H319, Verursacht schwere Augenreizung.

H332, Gesundheitsschädlich bei Einatmen.

H336, Kann Schläfrigkeit und Benommenheit verursachen.

Abkürzungen und Akronyme

ADN = Europäisches Übereinkommen über die internationale Beförderung von gefährlichen Gütern auf Binnenwasserstrassen

ADR = Europäisches Übereinkommen über die internationale Beförderung gefährlicher Güter auf der Strasse

ak = andere kontrollpflichtige Abfälle

akb = andere kontrollpflichtige Abfälle mit Begleitscheinpflicht

ATE = Schätzwert akute Toxizität

BCF = Biokonzentrationsfaktor

CAS = Chemical Abstracts Service

CE = Conformité Européenne (Europäische Konformität)

CLP = Verordnung über die Einstufung, Kennzeichnung und Verpackung [Verordnung (EG) Nr. 1272/2008]

CSA = Stoffsicherheitsbeurteilung

CSR = Stoffsicherheitsbericht

DMEL = Abgeleiteter Minimaler-Effekt-Grenzwert

DNEL = Abgeleiteter Nicht-Effekt-Grenzwert

EAK = Europäischer Abfallkatalog

EINECS = Altstoffverzeichnis

ES = Expositionsszenario EUH-Satz = CLP-spezifischer Gefahrenhinweis

EuPCS = Europäisches Produktkategorisierungssystem

GHS = Global harmonisiertes System zur Einstufung und Kennzeichnung von Chemikalien

GWP = Potenzial zur Erwärmung der Erdatmosphäre

IATA = Internationale Flug-Transport-Vereinigung

IBC = Intermediate Bulk Container

IMDG = Gefährliche Güter im internationalen Seeschiffsverkehr

LogPow = Dekadischer Logarithmus des Oktanol-Wasser-Verteilungskoeffizienten

MARPOL = Internationales Übereinkommen von 1973 zur Verhütung der Meeresverschmutzung durch Schiffe in der Fassung des Protokolls von 1978. ("Marpol" = marine pollution)

nwg = Nicht wassergefährdend

OECD = Organisation für wirtschaftliche Zusammenarbeit und Entwicklung

PBT = Persistent, bioakkumulierbar und toxisch

PNEC = Abgeschätzte Nicht-Effekt-Konzentration

RID = Regelung zur internationalen Eisenbahnbeförderung gefährlicher Güter

RRN = REACH Registriernummer

S = Sonderabfälle

SCL = Spezifischen Konzentrationsgrenzwert.

SVHC = Besonders besorgniserregende Substanzen

STOT-RE = Spezifische Zielorgan-Toxizität - Wiederholte Exposition

STOT-SE = Spezifische Zielorgan-Toxizität - Einmalige Exposition

UN = Vereinigte Nationen

UVCB = Stoffe mit unbekannter oder variabler Zusammensetzung, komplexe Reaktionsprodukte und biologische Materialien.

VOC = Flüchtige organische Verbindungen

vPvB = Sehr persistent und sehr bioakkumulierbar

WGK = Wassergefährdungsklasse

Anderes

Die Klassifizierung der Mischung hinsichtlich der Gesundheitsgefahren entspricht den von der Verordnung (EU) Nr. 1272/2008 (CLP) vorgegebenen Berechnungsmethoden.

Sicherheitsdatenblatt abgenommen durch

Quality & Compliance

Anderes

Änderungen im Verhältnis zur letzten umfassenden Revision (erste Ziffer in der SDS-Version, s. Abschnitt 1) dieses Sicherheitsdatenblatts sind mit einem Dreieck markiert.

Angaben in diesem Sicherheitsdatenblatt gelten nur für das Produkt in Abschnitt 1 und gelten nicht unbedingt bei Einsatz zusammen mit anderen Produkten.

Es wird empfohlen, dem tatsächlichen Produktbenutzer dieses Sicherheitsdatenblatt auszuhändigen. Die erwähnten Angaben sind nicht als Produktspezifikation zu verwenden.

Land-sprache: AT-de

SAFETY DATA SHEET

iT.34 laundry stainremover pro active oxygen

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Trade name:

iT.34 laundry stainremover pro active oxygen

1.2. Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses of the substance or mixture:

Washing and cleaning products (including solvent based products)

Restricted to professional users.

Uses advised against :

None known.

1.3. Details of the supplier of the safety data sheet

Company and address:

Hygeniq B.V.

Postbus 618

7500 AP Enschede

The Netherlands

+31 53 4282860

+31 53 5393865

www.hygeniq.com

E-mail:

info@hygeniq.com

SDS date:

15/8/2025

SDS Version:

1.0

1.4. Emergency telephone number

In an emergency call 000

In less severe situations call the Poisons Information Centre: 13 11 26 (Available 24/7 from anywhere in Australia)

See section 4 "First aid measures".

SECTION 2: HAZARDS IDENTIFICATION

This material is considered hazardous according to the Work Health and Safety Regulations.

2.1. Classification of the substance or mixture

Met. Corr. 1; H290, May be corrosive to metals.

Acute Tox. 4; H302, Harmful if swallowed.

Skin Irrit. 2; H315, Causes skin irritation.

Eye Dam. 1; H318, Causes serious eye damage.
STOT SE 3; H336, May cause drowsiness or dizziness.

2.2. Label elements

Hazard pictogram(s):



Signal word:

Danger

Hazard statement(s):

May be corrosive to metals. (H290)
Harmful if swallowed. (H302)
Causes skin irritation. (H315)
Causes serious eye damage. (H318)
May cause drowsiness or dizziness. (H336)

Precautionary statement(s):

General:

Not applicable.

Prevention:

Wash hands and exposed skin thoroughly after handling. (P264)
Wear eye protection/protective gloves/protective clothing. (P280)

Response:

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.
Continue rinsing. (P305+P351+P338)
Absorb spillage to prevent material damage. (P390)

Storage:

Store in a container with a resistant inner liner. (P406)

Disposal:

Dispose of contents/container in accordance with local regulation.
(P501)

Hazardous substances:

hydrogen peroxide

Additional labelling:

Not applicable.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substances

Not applicable. This product is a mixture.

3.2. Mixtures

Product/substance	Identifiers	% w/w	Classification	Note
hydrogen peroxide	CAS No.: 7722-84-1 EC No.: 231-765-0	30-50%	Ox. Liq. 1, H271 Acute Tox. 4, H302 Skin Corr. 1A, H314 (SCL: 70.00 %) Skin Corr. 1B, H314 (SCL: 50.00 %) Skin Irrit. 2, H315 (SCL: 35.00 %) Eye Dam. 1, H318 (SCL: 8.00 %)	

Conforms to Code of Practice - Preparation of safety data sheets for hazardous chemicals, June 2023.

			Eye Irrit. 2, H319 (SCL: 5.00 %) Acute Tox. 4, H332 STOT SE 3, H336 (SCL: 35.00 %)	

See full text of H-phrases in section 16. Occupational exposure limits are listed in section 8, if these are available.

Other information

-

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

General information:

In the case of accident: Contact a doctor or casualty department – bring the label or this safety data sheet.
Contact a doctor if in doubt about the injured person's condition or if the symptoms persist. Never give an unconscious person water or other drink.

Inhalation:

Upon breathing difficulties or irritation of the respiratory tract: Bring the person into fresh air and stay with him/her.

Skin contact:

IF ON SKIN: Wash with plenty of water/water and soap.
Remove contaminated clothing and shoes. Ensure to wash exposed skin thoroughly with water and soap. DO NOT use solvents or thinners.
If skin irritation occurs: Get medical advice/attention.

Eye contact:

If in eyes: Flush eyes with plenty of water or salt water (20-30 °C) for at least 30 minutes and continue until irritation stops. Remove contact lenses. Make sure you flush under the upper and lower eyelids. Seek medical assistance immediately and continue flushing during transport.

Ingestion:

IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.
Rinse mouth.

Burns:

Not applicable.

4.2. Most important symptoms and effects, both acute and delayed

The product contains substances that cause serious eye damage. Contact with these substances can cause irreversible effects on the eye / serious eye damage.

4.3. Indication of any immediate medical attention and special treatment needed

IF exposed or concerned:
Get immediate medical advice/attention.

Information to medics

Bring this safety data sheet or the label from this product.

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Not applicable.

5.2. Special hazards arising from the substance or mixture

Fire will result in dense smoke. Exposure to combustion products may harm your health. Closed containers, which are exposed to fire, should be cooled with water. Do not allow fire-extinguishing water to enter the sewage system and nearby surface waters.

5.3. Advice for firefighters

Wear self-contained breathing apparatus and protective clothing to prevent contact. Upon direct exposure call the NSW Poisons Information Centre on 13 11 26 (Available 24/7) in order to obtain further advice.
Hazchem Code: 2P

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Avoid direct contact with spilled substances.
Ensure adequate ventilation, especially in confined areas.
Avoid inhalation of vapours from spilled material.
Contaminated areas may be slippery.

6.2. Environmental precautions

Avoid discharge to lakes, streams, sewers, etc.
Keep unauthorized persons away from the spill

6.3. Methods and material for containment and cleaning up

Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations.
Wherever possible cleaning should be performed with normal cleaning agents. Avoid use of solvents.

6.4. Reference to other sections

See section 13 "Disposal considerations" on handling of waste.
See section 8 "Exposure controls/personal protection" for protective measures.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Avoid direct contact with the product.
Smoking, drinking and consumption of food is not allowed in the work area.
See section 8 "Exposure controls/personal protection" for information on personal protection.

7.2. Conditions for safe storage, including any incompatibilities

Containers that have been opened must be carefully resealed and kept upright to prevent leakage.
Store in a container with a resistant inner liner.

Recommended storage material:

Keep only in original packaging.

Storage conditions:

Dry, cool and well ventilated

Incompatible materials:

Keep only in original packaging.

7.3. Specific end use(s)

This product should only be used for applications quoted in section 1.2.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

hydrogen peroxide

Long term exposure limit (8 hours) (ppm): 1
Long term exposure limit (8 hours) (mg/m³): 1.4

Workplace exposure standards for airborne contaminants (Safe Work Australia). (January 2024)

8.2. Exposure controls

Compliance with the given occupational exposure limits values should be controlled on a regular basis.

General recommendations:

Smoking, drinking and consumption of food is not allowed in the work area.

Exposure scenarios:

There are no exposure scenarios implemented for this product.

Exposure limits:

Professional users are subjected to the legally set maximum concentrations for occupational exposure. See occupational hygiene limit values above.

Appropriate technical measures:

The formation of vapours must be kept at a minimum and below current limit values (see above). Installation of a local exhaust system if normal air flow in the work room is not sufficient is recommended. Ensure eyewash and emergency showers are clearly marked.

Ensure that eyewash stations and safety showers are located within easy reach.

Apply standard precautions during use of the product. Avoid inhalation of vapours.

Hygiene measures:

Take off contaminated clothing and wash it before reuse.

Measures to avoid environmental exposure:

No specific requirements.

Individual protection measures, such as personal protective equipment

Generally:

Use only protective equipment that carries the RCM symbol.

Respiratory Equipment:

Work situation	Type	Class	Colour	Standards	
When there is risk of formation of mist/aerosol	Full mask			EN136	

Skin protection:

Recommended	Type/Category	Standards	
Dedicated work clothing should be worn.	-	-	

Hand protection:

Work situation	Material	Glove thickness (mm)	Breakthrough time (min.)	Standards	
In the event of prolonged exposure or high concentrations	Nitrile	0.4	> 480	EN374-2, EN16523-1, EN388	

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Work situation	Material	Glove thickness (mm)	Breakthrough time (min.)	Standards	
In the event of prolonged exposure or high concentrations	Butyl	0,7	> 480	EN374-2, EN16523-1, EN388, EN421	

Eye protection:

Type	Standards	
Safety glasses with side shields.	EN166	

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Form:

Liquid

Colour:

Colourless

Odour:

Characteristic

Odour threshold (ppm):

No data available.

pH:

2.5

Density (g/cm³):

1.1 (20 °C)

Kinematic viscosity:

No data available.

Particle characteristics:

Does not apply to liquids.

Phase changes

Melting point/Freezing point (°C):

No data available.

Softening point/range (°C):

Does not apply to liquids.

Boiling point (°C):

100

Vapour pressure:

No data available.

Relative vapour density:

No data available.

Decomposition temperature (°C):

No data available.

Data on fire and explosion hazards

Flash point (°C):

No data available.

Flammability (°C):

No data available.

Auto-ignition temperature (°C):

No data available.

Explosion limits (% v/v):

No data available.

Solubility

Solubility in water:

Completely soluble

n-octanol/water coefficient (LogKow):

No data available.

Solubility in fat (g/L):

No data available.

9.2. Other information

Other physical and chemical parameters:

No data available.

Oxidizing properties:

No data available.

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

No data available.

10.2. Chemical stability

The product is stable under the conditions, noted in section 7 "Handling and storage".

10.3. Possibility of hazardous reactions

None known.

10.4. Conditions to avoid

None known.

10.5. Incompatible materials

Keep only in original packaging.

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Acute toxicity

Product/substance	hydrogen peroxide
Species:	Rat
Route of exposure:	Oral
Test:	LD50
Result:	1.193 - 1.270 mg/L

Conforms to Code of Practice - Preparation of safety data sheets for hazardous chemicals, June 2023.

Product/substance	hydrogen peroxide
Species:	Rabbit
Route of exposure:	Dermal
Test:	LD50
Result:	>2.000 (35% oplossing) mg/kg

Harmful if swallowed.

Skin corrosion/irritation

Product/substance	iT.34 laundry stainremover pro active oxygen
Result:	Adverse effect observed (Irritating)

Product/substance	hydrogen peroxide
Result:	Adverse effect observed (Irritating)

Causes skin irritation.

Serious eye damage/irritation

Product/substance	iT.34 laundry stainremover pro active oxygen
Result:	Adverse effect observed (Causes serious eye damage)

Product/substance	hydrogen peroxide
Result:	Adverse effect observed (Causes serious eye damage)

Causes serious eye damage.

Respiratory sensitisation

Product/substance	hydrogen peroxide
Result:	No adverse effect observed (not sensitising)

Based on available data, the classification criteria are not met.

Skin sensitisation

Based on available data, the classification criteria are not met.

Germ cell mutagenicity

Based on available data, the classification criteria are not met.

Carcinogenicity

Product/substance	hydrogen peroxide
Conclusion:	No adverse effect observed

Based on available data, the classification criteria are not met.
hydrogen peroxide has been classified by IARC as a group 3 carcinogen.

Reproductive toxicity

Product/substance	hydrogen peroxide
Conclusion:	No adverse effect observed

Based on available data, the classification criteria are not met.

STOT-single exposure

May cause drowsiness or dizziness.

STOT-repeated exposure

Based on available data, the classification criteria are not met.

Aspiration hazard

Product/substance	hydrogen peroxide
Based on available data, the classification criteria are not met.	

Long term effects

The product contains substances that cause serious eye damage. Contact with these substances can cause irreversible effects on the eye / serious eye damage.

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Product/substance	hydrogen peroxide
Species:	Fish, Pimephales promelas
Duration:	96 hours
Test:	LC50
Result:	16,4 mg/L

Product/substance	hydrogen peroxide
Species:	Fish, Leuciscus idus
Duration:	72 hours
Test:	LC50
Result:	35 mg/L

Product/substance	hydrogen peroxide
Species:	Fish, Oncorhynchus mykiss
Duration:	7 days
Test:	LC50
Result:	38,5 mg/L

Product/substance	hydrogen peroxide
Species:	Daphnia pulex
Duration:	48 hours
Test:	EC50
Result:	2,4 mg/L

Product/substance	hydrogen peroxide
Species:	Daphnia magna
Duration:	24 hours
Test:	EC50
Result:	7,7 mg/L

Product/substance	hydrogen peroxide
Species:	Skeletonema costatum
Duration:	72 hours
Test:	EC50
Result:	1,38 mg/L

Product/substance	hydrogen peroxide
Test method:	OECD 209
Species:	Bacteria
Compartment:	Activated Sludge Plant
Duration:	30 minutes
Test:	EC50
Result:	466 mg/L

Product/substance	hydrogen peroxide
Test method:	OECD 209
Species:	Bacteria
Compartment:	Activated Sludge Plant
Duration:	3 hours

Conforms to Code of Practice - Preparation of safety data sheets for hazardous chemicals, June 2023.

Test: EC50
Result: > 1.000 mg/L

Based on available data, the classification criteria are not met.

12.2. Persistence and degradability

Product/substance hydrogen peroxide
Conclusion: Readily biodegradable

12.3. Bioaccumulative potential

Product/substance hydrogen peroxide
LogKow: -1,57
Conclusion: -

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

This mixture/product does not contain any substances known to fulfil the criteria for PBT and vPvB classification.

12.6. Other adverse effects

None known.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste treatment methods

Dispose of contents/container to an approved waste disposal plant.

Specific labelling

Contaminated packing

Packaging containing residues of the product must be disposed of similarly to the product.

SECTION 14: TRANSPORT INFORMATION

	14.1 UN / ID	14.2 UN proper shipping name	14.3 Hazard class(es)	14.4 PG*	14.5 Env**	Other informatio n:
ADG	UN2014	HYDROGEN PEROXIDE, AQUEOUS SOLUTION with not less than 20% but not more than 60% hydrogen peroxide (stabilized as necessary)	Transport hazard class: 5.1 Label: 5.1+8 Classification code: OC1  	II	No	Limited quantities: 1 L Tunnel restriction code: (E) See below for additional information.
IMDG	UN2014	HYDROGEN PEROXIDE, AQUEOUS SOLUTION with not less than 20% but not more than 60% hydrogen peroxide (stabilized as necessary)	Transport hazard class: 5.1 Label: 5.1+8 Classification code: OC1  	II	No	Limited quantities: 1 L EmS: F-H S-Q See below for

Conforms to Code of Practice - Preparation of safety data sheets for hazardous chemicals, June 2023.

	14.1 UN / ID	14.2 UN proper shipping name	14.3 Hazard class(es)	14.4 PG*	14.5 Env**	Other informatio n:
						additional informatio n.
IATA	UN2014	HYDROGEN PEROXIDE, AQUEOUS SOLUTION with not less than 20% but not more than 60% hydrogen peroxide (stabilized as necessary)	Transport hazard class: 5.1 Label: 5.1+8 Classification code: OC1  	II	No	See below for additional informatio n.

* Packing group

** Environmental hazards

Additional information

This product is within scope of the regulations of transport of dangerous goods.

ADR / See Table A, section 3.2.1 for any information on special provisions, requirements, or warnings in connection with transport. See section 5.4.3, for instructions in writing regarding mitigation of damages in relation to incidents or accidents during transport.

IMDG / See section 3.2.1, for any information on special provisions, requirements, or warnings in connection with transport.

IATA / See Table 4.2 for any information on special provisions, requirements, or warnings in connection with transport.

Hazchem Code: 2P

14.6. Special precautions for user

Not applicable.

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

No data available.

SECTION 15: REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Restrictions for application:

Restricted to professional users.

Demands for specific education:

No specific requirements.

Control of major hazard facilities:

Not applicable.

Additional information:

Not applicable.

The Australian Inventory of Industrial Chemicals (AIIC):

hydrogen peroxide is listed

Sources:

Model Work Health and Safety Regulations as at 1 January 2021.

15.2. Chemical safety assessment

No

SECTION 16: OTHER INFORMATION

Full text of H-phrases as mentioned in section 3

H271, May cause fire or explosion; strong oxidiser.
H302, Harmful if swallowed.
H314, Causes severe skin burns and eye damage.
H315, Causes skin irritation.
H318, Causes serious eye damage.
H319, Causes serious eye irritation.
H332, Harmful if inhaled.
H336, May cause drowsiness or dizziness.

The full text of identified uses as mentioned in section 1

None known.

Abbreviations and acronyms

ADG = The Australian Code for the Transport of Dangerous Goods by Road & Rail
AICIS = Australian Industrial Chemicals Introduction Scheme
AIIC = Australian Inventory of Industrial Chemicals
AS = Australian Standard
AS/NZS = Australian New Zealand Standard
ATE = Acute Toxicity Estimate
AUH = Hazard statements specific for Australia
BCF = Bioconcentration Factor
CAS = Chemical Abstracts Service
EINECS = European Inventory of Existing Commercial chemical Substances
GHS = Globally Harmonized System of Classification and Labelling of Chemicals
Hazchem = Hazardous chemicals
IARC = International Agency for Research on Cancer
IATA = International Air Transport Association
IMDG = International Maritime Dangerous Goods
LogPow = logarithm of the octanol/water partition coefficient
MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)
NICNAS = National Industrial Chemicals Notification and Assessment Scheme (replaced by AICIS since 2020)
OECD = Organisation for Economic Co-operation and Development
PBT = Persistent, Bioaccumulative and Toxic
RCM = Regulatory Mark of Conformity
RID = The Regulations concerning the International Carriage of Dangerous Goods by Rail
SCL = A specific concentration limit
STEL = Short-term exposure limits
STOT-RE = Specific Target Organ Toxicity - Repeated Exposure
STOT-SE = Specific Target Organ Toxicity - Single Exposure
SUSMP = Standard for the Uniform Scheduling of Medicines and Poisons
TWA = Time weighted average
UN = United Nations
UVBC = Unknown or variable composition, complex reaction products or of biological materials
VOC = Volatile Organic Compound
vPvB = Very Persistent and Very Bioaccumulative
WHS = Work Health and Safety Regulations

Additional information

The classification of the mixture in regard of health hazards is in accordance with the calculation methods given by the Work Health and Safety Regulations.

The safety data sheet is validated by

Quality & Compliance

Other

A change (in proportion to the last essential change (first cipher in SDS version, see section 1)) is marked with a triangle.

The information in this safety data sheet applies only to this specific product (mentioned in section 1) and is not necessarily correct for use with other chemicals/products.

It is recommended to hand over this safety data sheet to the actual user of the product. Information in this safety data sheet cannot be used as a product specification.

Country-language: AU-en

БЕЗБЕДНОСНИ ЛИСТ

iT.34 laundry stainremover pro active oxygen

ПОГЛАВЉЕ 1. ИДЕНТИФИКАЦИЈА ХЕМИКАЛИЈЕ И ПОДАЦИ О ЛИЦУ КОЈЕ СТАВЉА ХЕМИКАЛИЈУ У ПРОМЕТ

1.1. Идентификација хемикалије

Комерцијално име:

iT.34 laundry stainremover pro active oxygen

1.2. Идентификовани начини коришћења хемикалије и начини коришћења који се не препоручују

Употреба материјала/смеше:

Детерџенти и средства за чишћење (укључујући и оне на бази растварача)

Дозвољено само за професионално коришћење.

Употребе које се не препоручују:

Нема познатих.

1.3. Подаци о снабдевачу

Компанија и адреса:

Hygieniq B.V.

Postbus 618

7500 AP Enschede

The Netherlands

+31 53 4282860

+31 53 5393865

www.hygieniq.com

Електронска адреса:

info@hygieniq.com

Датум безбедносног листа:

15.8.2025.

Верзија безбедносног листа:

1.0

1.4. Број телефона за хитне случајеве

Телефонски број хитне помоћ: 124

Такође погледајте поглавље 4 за мере прве помоћи.

ПОГЛАВЉЕ 2. ИДЕНТИФИКАЦИЈА ОПАСНОСТИ

Classified according to the Regulation on Classification, Labeling and Packaging of Chemicals.

2.1. Класификација хемикалије

Met. Corr. 1; H290, Може бити корозивно за метале.

Acute Tox. 4; H302, Штетно ако се прогута.

Skin Irrit. 2; H315, Изазива иритацију коже.

Eye Dam. 1; H318, Доводи до тешког оштећења ока.

STOT SE 3; H336, Може да изазове поспаност и несвестицу.

2.2. Елементи обележавања

Пиктограм опасности:



Реч упозорења:

Опасност

Обавештење о опасности:

Може бити корозивно за метале. (H290)

Штетно ако се прогута. (H302)

Изазива иритацију коже. (H315)

Доводи до тешког оштећења ока. (H318)

Може да изазове поспаност и несвестицу. (H336)

Обавештење о мерама предострожности:

Опште:

Није применљиво.

Превенција:

Опрати руке и изложена кожа детаљно након руковања (P264)

Носити заштиту за очи/заштитне рукавице/заштитну одећу. (P280)

Реаговање:

АКО ДОСПЕ У ОЧИ: Пажљиво испирати водом неколико минута. Уклонити контактна сочива, уколико постоје и уколико је то могуће учинити. Наставити са испирањем. (P305+P351+P338)

Сакупити/ уклонити просути садржај ради спречавања материјалне штете. (P390)

Складиштење:

Чувати у амбалажи са унутрашњим слојем . (P406)

Одлагање:

Одлагање садржаја / амбалаже у складу са локалним прописима (P501)

Опасне материје:

hydrogen peroxide

Додатно обавештење о опасности:

UFI: KWY8-NP0S-J88H-EC1G

Означаванје садржaja према ПРАВИЛНИК о детергентима:

≥ 30%

· Избелјивачи на бази кисеоника

2.3. Остале опасности

Додатна упозорења:

Ова смеша/производ не садржи супстанце за које се сматра да испуњавају критеријуме да буду класификовани као ПБТ и/или вПвБ.

Овај производ не садржи материје које се сматрају ендокриним дисрупторима у складу са критеријумима наведеним у Делегираној уредби Комисије (ЕУ) 2017/2100 или Уредби Комисије (ЕУ) 2023/707.

ПОГЛАВЉЕ 3. САСТАВ / ПОДАЦИ О САСТОЈЦИМА

3.1. Подаци о састојцима супстанце

Није применљиво. Овај производ је микстура.

3.2. Подаци о састојцима смеше

Хемијски назив	CAS / EC / индекса / REACH број	% w/w	Класификација	Напомена
hydrogen peroxide	CAS бр.: 7722-84-1 EC бр.: 231-765-0 REACH: 01-2119485845-22-XXXX Индекс бр. : 008-003-00-9	30-50%	Ox. Liq. 1, H271 Acute Tox. 4, H302 Skin Corr. 1A, H314 (SCL: 70,00 %) Skin Corr. 1B, H314 (SCL: 50,00 %) Skin Irrit. 2, H315 (SCL: 35,00 %) Eye Dam. 1, H318 (SCL: 8,00 %) Eye Irrit. 2, H319 (SCL: 5,00 %) Acute Tox. 4, H332 STOT SE 3, H336 (SCL: 35,00 %)	

Погледајте потпуни текст X-израза у поглавље 16. Границе изложености током рада наведене су у поглавље 8, ако су доступне.

Остали подаци

-

ПОГЛАВЉЕ 4. МЕРЕ ПРВЕ ПОМОЋИ

4.1. Опис мера прве помоћи

Опште информације:

Уколико је дисање неправилно, и јавља се поспаност, губитак свести или грчеви: Позовите 124 и одмах почните са мерама помоћи (прва помоћ).

Ако имате сумње у вези са стањем повређене особе или ако симптоми потрају, обратите се лекару. Никад несвесној особи немојте давати воду или неко друго пиће.

После удисања:

Потешкоће са дисањем или иритација дисајних путева: Изведите особу на свеж ваздух и останите уз њу.

У додиру са кожом:

АКО ДОСПЕ НА КОЖУ: Испрати са доста воде/вода и сапун.

Скините контаминирану одећу и обућу. Обавезно темељно оперете изложену кожу водом и сапуном. НЕ користите раствараче или разређиваче.

Ако дође до иритације коже: Потражити медицински савет / мишљење.

Након контакта са очима:

АКО ДОСПЕ У ОЧИ: Испирајте очи са много воде или сланом водом (20-30 °C) најмање 30 минута и наставите са испирањем док иритација не престане. Извадите контактна сочива. Обавезно исперите подручје испод горњег и доњег капка. Одмах потражите лекарску помоћ и наставите са испирањем.

Након гутања:

АКО СЕ ПРОГУТА: Позвати ЦЕНТАР ЗА КОНТРОЛУ ТРОВАЊА/лекара ако се осећате лоше.

Испрати уста.

Сагоревањем:

Није применљиво.

4.2. Најважнији симптоми и ефекти, акутни и одложени

Производ садржи супстанце које изазивају озбиљно оштећење очију. Контакт са овим супстанцама може изазвати неповратне ефекте на око/озбиљно оштећење ока.

4.3. Хитна медицинска помоћ и посебан третман

У СЛУЧАЈУ излагања или забринутости:
Хитно потражити медицински савет / мишљење

Информације за здравствене раднике
Донесите безбедносно упутство .

ПОГЛАВЉЕ 5. МЕРЕ ЗА ГАШЕЊЕ ПОЖАРА

5.1. Средства за гашење пожара

Није применљиво.

5.2. Посебне опасности које могу настати од супстанци и смеша

Пожар ће довести до стварања густог дима. Излагање запалјивим производима може наштетити вашем здрављу. Затворене посуде изложене ватри требало би охладити водом. Не дозволите да вода за гашење пожара доспе у канализацију и оближње површинске токове.

5.3. Савет за ватрогасце

Носите самостални апарат за дисање и заштитну одјећу ради спрјечавања контакта. Након директног излагања позовите 124 (24 сата дневно) ради добијања додатних савјета.

ПОГЛАВЉЕ 6. МЕРЕ У СЛУЧАЈУ УДЕСА

6.1. Личне предострожности, заштитна опрема и поступци у случају удеса

Избегавајте директан контакт са проливеним материјама.
Осигурајте адекватну вентилацију, посебно у затвореним просторима.
Избегавајте удисање испарења из просутог материјала.
Контаминирани простор може бити клизав.

6.2. Предострожности које се односе на животну средину

Избегавајте испуштање у језера, потоке, канализације итд.
Неовлашћене особе држите подаље од изливања.

6.3. Мере које треба предузети и материјал за спречавање ширења и санацију

Користите песак, земљу, вермикулит, диятомейску земљу да бисте задржали и купили незапалјиве упијајуће материјале и ставите у контејнер за одлагање, у складу са локалним прописима.
Чишћење се у мери у којој је то могуће обавља нормалним средствима за чишћење. Избегавајте употребу растварача.

6.4. Упућивање на друга поглавља

Погледајте поглавље 13 „Одлагање” у вези са поступком за отпад.
За заштитне мере погледајте поглавље 8 „Контрола изложености и лична заштита”.

ПОГЛАВЉЕ 7. РУКОВАЊЕ И СКЛАДИШТЕЊЕ

7.1. Предострожности за безбедно руковање

Избегавајте директан контакт са производом.
Пушење, и конзумирање хране и пића нису дозвољени у радном простору.
За информације о личној заштити погледајте поглавље „Контрола изложености и лична заштита”.

7.2. Услови за безбедно складиштење, укључујући некомпатибилности

Отворени контејнери се морају пажљиво затворити и држати усправно како би се спречило цурење.
Чувати у амбалажи са унутрашњим слојем .

Препоручени материјал за складиштење:

Чувати само у оригиналној амбалажи.

Температура складиштења:

Према правилник о садржају безбједоносно-техничког листа (Службени гласник Републике Српске, број 104/18)

Суво, хладно и добро проветравано

Некомпатибилни материјали:

Чувати само у оригиналној амбалажи.

7.3. Посебни начини коришћења

Овај производ би требало користити само за примене наведене у поглавље 1.2

ПОГЛАВЉЕ 8. КОНТРОЛА ИЗЛОЖЕНОСТИ И ЛИЧНА ЗАШТИТА

8.1. Параметри контроле изложености

hydrogen peroxide

Гранична вредност изложености на радном месту (ГВИ) (mg/m³): 1.4

Гранична вредност изложености на радном месту (ГВИ) (ppm): 1

Краткотрајна гранична вредност изложености (КГВИ) (mg/m³): 2.8

Краткотрајна гранична вредност изложености (КГВИ) (ppm): 2

Правилник о превентивним мјерама за безбједан и здрав рад при излагању хемијским материјама (Службени гласник Републике Српске, број 4/20)

DNEL

hydrogen peroxide

Трајање:	Пут експозиције:	DNEL:
Акутно - Локално - Потрошач	Инхалацијски	1.93 mg/m ³
Акутно - Локално - Радник	Инхалацијски	3 mg/m ³
Дугорочно - Локално - Потрошач	Инхалацијски	0,21 mg/m ³
Дугорочно - Локално - Потрошач	Инхалацијски	210 µg/m ³
Дугорочно - Локално - Радник	Инхалацијски	1.4 mg/m ³

PNEC

hydrogen peroxide

Пут експозиције:	Трајање изложености:	PNEC:
Морска вода		0,047 mg/L
Морска вода		12.6 µg/L
Периодично ослобађање (слатка вода)		13.8 µg/L
Постројењима за пречишћавање отпадних вода		466 mg/L
Седимент мора		0,047 mg/L
Седимент мора		47 µg/kg
Седимент слатке воде		0,047 mg/kg
Седимент слатке воде		47 µg/kg
Слатка вода		0,0126 mg/L
Слатка вода		12.6 µg/L
Тло		0,023 mg/kg
Тло		1.9 µg/kg

8.2. Контрола изложености и лична заштита

Поштовање утврђених вредности ограничења излагања током рада би требало редовно контролисати.

Опште препоруке:

Пушење, и конзумирање хране и пића нису дозвољени у радном простору.

Сценарији излагања:

За овај производ нису имплементирани сценарији изложености.

Границе излагања:

Професионални корисници подлежу законски утврђеним максималним концентрацијама излагања током рада. Погледајте у тексту изнад граничне вредности хигијене на раду.

Одговарајући технички уређаји за управљање:

Формирање паре мора бити минимално и испод тренутних граничних вредности (види горе). Препоручује се уградња локалног издувног система ако нормалан проток ваздуха у радној соби није довољан. Проверите да ли је испирање очију и туширање у хитним случајевима јасно означено.

Осигурајте да се станице за испирање очију и безбедносни тушеви налазе на дохват руке.

Примените стандардне мере предострожности током употребе производа. Избегавајте удисање испарења.

Хигијенске мере:

Скинути контаминирану одећу и опрати је пре поновне употребе.

Мере спречавања контакта са животном средином:

Нема посебних захтева.

Опште мере заштите и хигијене

Генерално:

Користите само заштитну опрему са знаком CE.

Заштита дисајних путева:

Радна ситуација	Тип	Класа	Боя	Стандарди	
Када постоји опасност од магле/аеросола	Комплетна маска			EN136	

Заштита тела:

Препоручено	Тип / Категорија	Стандарди	
Posebna radna odeća	-	-	

Заштитне руке:

Радна ситуација	Материјал	Дебљина рукавице	Време продирања (Минути)	Стандарда	
У случају продуженог излагања или високе концентрације	Нитрилни каучук	0,4	> 480	EN374-2, EN16523-1, EN388	
У случају продуженог излагања или високе концентрације	Бутил гума	0,7	> 480	EN374-2, EN16523-1, EN388, EN421	

Заштита очију/лица:

Тур	Стандарди	
Заштитне наочаре са бочним штитницима	EN166	

ПОГЛАВЉЕ 9. ФИЗИЧКА И ХЕМИЈСКА СВОЈСТВА

9.1. Подаци о основним физичким и хемијским својствима хемикалије

Изгледу - агрегатно стање:

Течно

Боји:

Безбойно

Мирису / Прагу мириса (ppm):

Карактеристично

pH:

2.5

Релативна густина (g/cm³):

1,1 (20 °C)

Вискозитет:

Нема доступних података.

Карактеристике честица:

Не односи се на течности

Фазне промене

Тачка топљења / тачка мржњења (°C):

Нема доступних података.

Тачка/опсег омекшавања (°C):

Не односи се на течности

Почетна тачка кључања и опсег кључања (°C):

100

Напон паре:

Нема доступних података.

Густина паре:

Нема доступних података.

Температура разлагања (°C):

Нема доступних података.

Подаци о опасностима од пожара и експлозије

Запаљивост (чврсто, гасовито):

Нема доступних података.

Тачка паљења (°C):

Нема доступних података.

Температура самопаљења (°C):

Нема доступних података.

Горња / доња граница запаљивости или експлозивности (%v/v):

Нема доступних података.

Растворљивост

Растворљивост у вода:

У потпуности растворљив

Коефицијент расподеле у систему n-октанол/вода (LogKow):

Нема доступних података.

Растворљивост у масти (g/L):

Нема доступних података.

9.2. Остали подаци

Остали физички и хемијски параметри:

Нема доступних података.

Нема доступних података.

ПОГЛАВЉЕ 10. СТАБИЛНОСТ И РЕАКТИВНОСТ

10.1. Реактивност

Нема доступних података.

10.2. Хемијска стабилност

Производ је стабилан под условима наведеним у одељку 7 „Руковање и складиштење“.

10.3. Могућност настанка опасних реакција

Нема познатих.

10.4. Услови које треба избегавати

Нема познатих.

10.5. Некомпатибилни материјали

Чувати само у оригиналној амбалажи.

10.6. Опасни производи разградње

У нормалним условима складиштења и употребе не би требало да дође до стварања опасних продукта распадања.

ПОГЛАВЉЕ 11. ТОКСИКОЛОШКИ ПОДАЦИ

11.1. Подаци о токсичним ефектима

Акутна токсичност

Хемијски назив	hydrogen peroxide
Врсте:	Пацов
Пут експозиције:	Орално
Тест:	LD50
Вредност:	1.193 - 1.270 mg/L

Хемијски назив	hydrogen peroxide
Врсте:	Зец
Пут експозиције:	Дерматолошки
Тест:	LD50
Вредност:	>2.000 (35% oplossing) mg/kg

Штетно ако се прогута.

Корозивно оштећење коже / иритација

Хемијски назив	iT.34 laundry stainremover pro active oxygen
Вредност:	Установљени су негативни ефекти (Иритантан)

Хемијски назив hydrogen peroxide
Вредност: Установљени су негативни ефекти (Иритантан)

Изазива иритацију коже.

Тешко оштећење ока / иритација ока

Хемијски назив iT.34 laundry stainremover pro active oxygen
Вредност: Установљени су негативни ефекти (Доводи до тешког оштећења ока)

Хемијски назив hydrogen peroxide
Вредност: Установљени су негативни ефекти (Доводи до тешког оштећења ока)

Доводи до тешког оштећења ока.

Сензибилизација коже

На основу доступних података, критеријуми за класификацију нису испуњени.

Сензибилизација респираторних органа

Хемијски назив hydrogen peroxide
Вредност: Нису установљени негативни ефекти (не сензибилизација)

На основу доступних података, критеријуми за класификацију нису испуњени.

Мутагеност геринативних ћелија

На основу доступних података, критеријуми за класификацију нису испуњени.

Карциногеност

Хемијски назив hydrogen peroxide
Закључак: Нису установљени негативни ефекти

На основу доступних података, критеријуми за класификацију нису испуњени.

Токсичност по репродукцију

Хемијски назив hydrogen peroxide
Закључак: Нису установљени негативни ефекти

На основу доступних података, критеријуми за класификацију нису испуњени.

Специфична токсичност за циљни орган - једнократна изложеност

Може да изазове поспаност и несвестицу.

Специфична токсичност за циљни орган - виšekратна изложеност

На основу доступних података, критеријуми за класификацију нису испуњени.

Опасност од аспирације

Хемијски назив hydrogen peroxide
На основу доступних података, критеријуми за класификацију нису испуњени.

11.2. Информације о другим опасностима

Dugoročni efekti

Производ садржи супстанце које изазивају озбиљно оштећење очију. Контакт са овим супстанцама може изазвати неповратне ефекте на око/озбиљно оштећење ока.

Угрожава рад ендокриних жлезда

Ова смеша/производ не садржи никакве материје за које се сматра да имају својства изазивања хормонског поремећаја.

Додатне информације

hydrogen peroxide по IARC класификацији спада у групу 3

ПОГЛАВЉЕ 12. ЕКОТОКСИКОЛОШКИ ПОДАЦИ

Према правилник о садржају безбједоносно-техничког листа (Службени гласник Републике Српске, број 104/18)

12.1. Токсичност

Хемијски назив hydrogen peroxide
Врсте: Рибе, *Pimephales promelas*
Трајање: 96 сати
Тест: LC50
Вредност: 16,4 mg/L

Хемијски назив hydrogen peroxide
Врсте: Рибе, *Leuciscus idus*
Трајање: 72 сати
Тест: LC50
Вредност: 35 mg/L

Хемијски назив hydrogen peroxide
Врсте: Рибе, *Oncorhynchus mykiss*
Трајање: 7 дана
Тест: LC50
Вредност: 38,5 mg/L

Хемијски назив hydrogen peroxide
Врсте: *Daphnia pulex*
Трајање: 48 сати
Тест: EC50
Вредност: 2,4 mg/L

Хемијски назив hydrogen peroxide
Врсте: *Daphnia magna*
Трајање: 24 сати
Тест: EC50
Вредност: 7,7 mg/L

Хемијски назив hydrogen peroxide
Врсте: *Skeletonema costatum*
Трајање: 72 сати
Тест: EC50
Вредност: 1,38 mg/L

Хемијски назив hydrogen peroxide
Метод тестирања: ОЕЦД 209
Врсте: Бактерије
Окружење: Постројеније са активираним муљем
Трајање: 30 minutes
Тест: EC50
Вредност: 466 mg/L

Хемијски назив hydrogen peroxide
Метод тестирања: ОЕЦД 209
Врсте: Бактерије
Окружење: Постројеније са активираним муљем
Трајање: 3 сати
Тест: EC50
Вредност: > 1.000 mg/L

На основу доступних података, критеријуми за класификацију нису испуњени.

12.2. Перзистентност и разградљивост

Хемијски назив hydrogen peroxide

Према правилник о садржају безбједоносно-техничког листа (Службени гласник Републике Српске, број 104/18)

Закључак: Лако биоразградива материја

12.3. Потенцијал биоаккумуляције

Хемијски назив hydrogen peroxide

LogKow: -1,57

Закључак: -

12.4. Мобилност у земљишту

Нема доступних података.

12.5. Резултати ПБТ и вПвБ процене

Ова смеша/производ не садржи супстанце за које се сматра да испуњавају критеријуме да буду класификовани као ПБТ и/или вПвБ.

12.6. Угрожава рад ендокриних жлезда

Хемијски назив iT.34 laundry stainremover pro active oxygen

Закључак: Нису установљени негативни ефекти

Ова смеша/производ не садржи никакве материје за које се када се нађу унутар животне средине сматра да имају својства ометања ендокриног система.

12.7. Остали штетни ефекти

Нема познатих.

ПОГЛАВЉЕ 13. ОДЛАГАЊЕ

Методe третмана отпада

На производ се односе прописи о опасном отпаду. (*)

HP 6 - Акутна токсичност

HP 8 - Корозивно

Одлагање садржаја / амбалаже у складу са локалним прописима.

Правилник о категоријама, испитивању и класификацији отпада (Службени гласник Републике Српске, број 19/15 и 79/18).

Код европског каталога отпада (EWЦ)

20 01 29* детерџенти који садрже опасне супстанце

Специфично означавање

Контаминирани амбалаже

Амбалажа која садржи остатке производа мора се одложити на исти начин као и производ.

ПОГЛАВЉЕ 14. ПОДАЦИ О ТРАНСПОРТУ

	14.1 UN	14.2 Назив за терет у транспорту	14.3 Класа	14.4 PG*	14.5. Env**	Остали подаци:
ADR	UN2014	ВОДОНИКПЕРОКСИД, ВОДЕНИ РАСТВОР	Класа: 5.1 Листи-це опасности: 5.1+8 Класификациони код: OC1  	II	Не	Ограничене количина: 1 L Кодови за ограничења за тунеле: (E) За додатне информације,

Према правилник о садржају безбједоносно-техничког листа (Службени гласник Републике Српске, број 104/18)

	14.1 UN	14.2 Назив за терет у транспорту	14.3 Класа	14.4 PG*	14.5. Env**	Остали подаци:
						погледајте доле.
IMDG	UN2014	HYDROGEN PEROXIDE, AQUEOUS SOLUTION with not less than 20% but not more than 60% hydrogen peroxide (stabilized as necessary)	Класа: 5.1 Листи-це опасности: 5.1+8 Класификациони код: OC1  	II	Не	Ограничене количина: 1 L EmS: F-N S-Q За додатне информације, погледајте доле.
IATA	UN2014	HYDROGEN PEROXIDE, AQUEOUS SOLUTION with not less than 20% but not more than 60% hydrogen peroxide (stabilized as necessary)	Класа: 5.1 Листи-це опасности: 5.1+8 Класификациони код: OC1  	II	Не	За додатне информације, погледајте доле.

* Група паковања

** Опасност по животну средину

Додатне информације

Овај производ је обухваћен прописима о транспорту опасне робе.

АДР / Видети табелу А, одељак 3.2.1 за све информације о посебним одредбама, захтевима или упозорењима у вези са транспортом. Видети одељак 5.4.3, за упутства у писаној форми у вези са ублажавањем штета у вези са инцидентима или незгодама током транспорта.

ИМГД / Видети одељак 3.2.1 за све информације о посебним одредбама, захтевима или упозорењима у вези са транспортом.

IATA / Видети табелу 4.2 за све информације о посебним одредбама, захтевима или упозорењима у вези са транспортом.

14.6. Посебне предострожности за корисника

Није применљиво.

14.7. Транспорт у расутом стању (Анексу ИИ Међународне конвенције за спречавање загађења из бродова и ИБЦ Цоде)

Нема доступних података.

ПОГЛАВЉЕ 15. РЕГУЛАТОРНИ ПОДАЦИ

15.1. Прописи у вези са безбедношћу, здрављем и животном средином

Ограничења за примену:

Дозвољено само за професионално коришћење.

Захтеви за специфичним образовањем:

Нема посебних захтева.

Означавање садржана према ПРАВИЛНИК о детергентима:

≥ 30%

· Избелјивачи на бази кисеоника

Додатне информације:

Није применљиво.

Извори:

Закон о заштити на раду (Службени гласник Републике Српске, бр. 01/08 и 13/10).

Правилник о детерџентима (Службени гласник Републике Српске, број 14/19).

Правилник о категоријама, испитивању и класификацији отпада (Службени гласник Републике Српске, број 19/15 и 79/18).

Правилник о класификацији, обиљежавању и паковању хемикалија (Службени гласник Републике Српске, бр. 118/20).

Закон о хемикалијама (Службени гласник Републике Српске, бр. 21/18).

15.2. Процена безбедности хемикалије.

Не

ПОГЛАВЉЕ 16. ОСТАЛИ ПОДАЦИ

Комплетан текст Х-фраза како је наведено у поглавље 3

H271, Може да изазове пожар или експлозију; јако оксидујуће средство.

H302, Штетно ако се прогута.

H314, Изазива тешке опекотине коже и оштећење ока.

H315, Изазива иритацију коже.

H318, Доводи до тешког оштећења ока.

H319, Доводи до јаке иритације ока.

H332, Штетно ако се удише.

H336, Може да изазове поспаност и несвестицу.

Скраћенице и акроними

ADR = Европски споразум о међународном друмском превозу опасне робе

ATE = Процена акутне токсичности

BCF = Фактор биоконцентрације

CAS = Служба хемијских сажетака

CE = европска усаглашеност

CLP = Уредба о класификацији, означавању и паковању [Уредба (ЕЗ) бр. 1272/2008]

CSA = Процена хемијске безбедности

CSR = Извештај о хемијској безбедности

CTOT = Специфична циљна токсичност органа

DMEL = Изведени минимални ниво ефекта

DNEL = Изведени ниво без ефекта

EINECS = Европски инвентар постојећих комерцијалних хемијских супстанци

ES = Сценарио изложености

EUN izjava = ЦЛП-специфична изјава о опасности

EUPCS = Европски систем категоризације производа

EWЦ = Европски каталог отпада

GHS = Глобално усклађени систем класификације и обележавања хемикалија

GWP (ГВП) = Потенцијал глобалног загревања

IARC = међународна агенција за истраживање рака

IATA = Међународно удружење за ваздушни саобраћај

IBC = Средњи контејнер за расути терет

IMDG = Међународна поморска опасна роба

LogPow = Логаритам коефицијента раздвајања октанол/вода

MARPOL = Међународна конвенција о спречавању загађења са бродова из 1973. године, измењена протоколом из 1978. („Marpol“ = загађење мора)

ОЕЦД = Организација за Економску Царадњу и Дазвој

ПБТ = Истрајан, биоакумулативан и токсичан

PNEC = Предвиђена концентрација без ефекта

RID = Прописи који се тичу међународног превоза опасне робе железницом

RRN = REACH регистрациони број

SCL = има одређену границу концентрације.

SVHC = Веома забрињавајуће супстанце

STOT-RE = Специфична циљна токсичност органа - понављана излагања

STOT-SE = Специфична циљна токсичност органа - појединачна излагања

TWA = Временски пондерисан просек

UN = Уједињене нације

UVBC = Непознат или променљив састав, сложени производи реакције или биолошки материјали

VOC = Нестабилно органско јединијење

вПвБ = Веома трајно и врло биоакумулативно

Додатне информације

Класификација смеше у погледу опасности по здравље уађена је у складу са методама израчунавања описаним у Правилник о класификацији, обиљежавању и паковању хемикалија.

Безбедносни лист потврђује

Quality & Compliance

Остали подаци

Промена (сразмерно последњој суштинској промени (прва шифра у верзији СДС, погледајте поглавље 1)) обележена је троуглом.

Подаци у овом безбедносном упутству односе се само на овај одређени производ (поменут у поглавље 1) и нису нужно тачни за употребу са другим хемикалијама/производима.

Препоручује се да ово безбедносно упутство дате стварном кориснику производа. Информације у овом безбедносном упутству не могу се користити као спецификације производа.

Земља-језик: BA-sr

FICHE DE DONNÉES DE SÉCURITÉ

iT.34 laundry stainremover pro active oxygen

RUBRIQUE 1: IDENTIFICATION DE LA SUBSTANCE/DU MÉLANGE ET DE LA SOCIÉTÉ/DE L'ENTREPRISE

1.1. Identificateur de produit

Marque commerciale:

iT.34 laundry stainremover pro active oxygen

Identifiant unique de formulation (UFI):

KWY8-NP0S-J88H-EC1G

1.2. Utilisations identifiées pertinentes de la substance ou du mélange et utilisations déconseillées

Utilisations identifiées pertinentes de la substance ou du mélange:

Produits de lavage et de nettoyage (y compris produits à base de solvants)

Réservé aux utilisateurs professionnels.

Utilisations déconseillées :

Aucune connue.

1.3. Renseignements concernant le fournisseur de la fiche de données de sécurité

Nom et adresse de l'entreprise:

Hygeniq B.V.

Postbus 618

7500 AP Enschede

The Netherlands

+31 53 4282860

+31 53 5393865

www.hygeniq.com

Courriel:

info@hygeniq.com

Révision:

15/08/2025

Version de la fiche de données de sécurité:

1.0

1.4. Numéro d'appel d'urgence

Centre Antipoisons: +32 (0) 70 245 245 (7 jours sur 7, 24 heures sur 24)

Voir la rubrique 4 concernant premiers secours.

RUBRIQUE 2: IDENTIFICATION DES DANGERS

Classée conformément au règlement (CE) n° 1272/2008 (CLP).

2.1. Classification de la substance ou du mélange

Met. Corr. 1; H290, Peut être corrosif pour les métaux.

Acute Tox. 4; H302, Nocif en cas d'ingestion.
Skin Irrit. 2; H315, Provoque une irritation cutanée.
Eye Dam. 1; H318, Provoque de graves lésions des yeux.
STOT SE 3; H336, Peut provoquer somnolence ou vertiges.

2.2. Éléments d'étiquetage

Pictogramme(s) de danger:



Mention d'avertissement:

Danger

Mention(s) de danger:

Peut être corrosif pour les métaux. (H290)
Nocif en cas d'ingestion. (H302)
Provoque une irritation cutanée. (H315)
Provoque de graves lésions des yeux. (H318)
Peut provoquer somnolence ou vertiges. (H336)

Conseil(s) de prudence:

Générales:

Sans objet.

Précautions:

Se laver mains et la peau exposée soigneusement après manipulation. (P264)
Porter un équipement de protection des yeux/ des gants de protection/des vêtements de protection. (P280)

Intervention:

EN CAS DE CONTACT AVEC LES YEUX: Rincer avec précaution à l'eau pendant plusieurs minutes. Enlever les lentilles de contact si la victime en porte et si elles peuvent être facilement enlevées. Continuer à rincer. (P305+P351+P338)

Absorber toute substance répandue pour éviter qu'elle attaque les matériaux environnants. (P390)

Stockage:

Stocker dans un récipient avec doublure intérieure. (P406)

Élimination:

Éliminer le contenu/récipient conformément à la réglementation locale (P501)

Contient:

peroxyde d'hydrogène ; eau oxygénée

Autre étiquetage:

UFI : KWY8-NP0S-J88H-EC1G

Étiquetage du contenu conformément au règlement (CE) no 648/2004 relatif aux détergents (applicable aux emballages de détergents vendus au grand public):

≥ 30%

· Agents de blanchiment oxygénés

2.3. Autres dangers

Autre:

Ce mélange/produit ne contient aucune substance considérée comme répondant aux critères de classification comme PBT et/ou vPvB.

Ce produit ne contient aucune substance considérée comme étant un perturbateur endocrinien conformément aux critères définis dans le règlement délégué (UE) 2017/2100 ou le règlement (UE) 2023/707 de la Commission.

RUBRIQUE 3: COMPOSITION/INFORMATIONS SUR LES COMPOSANTS

3.1. Substances

Sans objet. Ce produit est un mélange.

3.2. Mélanges

Produit/composant	Identifiants	% w/w	Classification	Note
peroxyde d'hydrogène ; eau oxygénée	N° CAS : 7722-84-1 N° CE: 231-765-0 REACH: 01-2119485845-22-XXXX N° index : 008-003-00-9	30-50%	Ox. Liq. 1, H271 Acute Tox. 4, H302 Skin Corr. 1A, H314 (SCL: 70,00 %) Skin Corr. 1B, H314 (SCL: 50,00 %) Skin Irrit. 2, H315 (SCL: 35,00 %) Eye Dam. 1, H318 (SCL: 8,00 %) Eye Irrit. 2, H319 (SCL: 5,00 %) Acute Tox. 4, H332 STOT SE 3, H336 (SCL: 35,00 %)	

Le texte intégral des phrases H se trouve dans la rubrique 16. Les limites d'exposition professionnelle sont indiquées dans la rubrique 8, à condition d'être disponibles

Autres informations

-

RUBRIQUE 4: PREMIERS SECOURS

4.1. Description des mesures de premiers secours

Généralités:

En cas d'accident : Contactez un médecin ou l'hôpital ou Centre Antipoisons: +32 (0) 70 245 245 (7 jours sur 7, 24 heures sur 24), apportez l'étiquette ou bien la présente fiche de données de sécurité.

En cas de symptômes persistants ou en cas de doute concernant l'état de la personne blessée, faites appel à un médecin. Ne donnez jamais à boire de l'eau ou autre liquide à une personne ayant perdu connaissance.

Inhalation:

En cas de difficultés respiratoires ou d'irritation des voies respiratoires : Amenez la personne à l'air frais et gardez la personne sous surveillance.

Contact cutané:

EN CAS DE CONTACT AVEC LA PEAU: Laver abondamment à l'eau/eau savonneuse.

Retirez les vêtements et chaussures contaminés. Lavez soigneusement avec de l'eau et du savon la peau qui a été en contact avec le produit. N'utilisez PAS de produits solvants ou de diluants.

En cas d'irritation cutanée: consulter un médecin.

Contact visuel:

En cas de contact avec les yeux: Rincez aussitôt les yeux avec de grandes quantités d'eau (20-30 °C) pendant au moins 30 minutes et continuez jusqu'à ce que l'irritation cesse. Retirez les éventuelles lentilles de contact. Assurez-vous de bien rincer sous la paupière supérieure et sous la paupière inférieure. Faites aussitôt appel à un médecin. Consultez un médecin immédiatement et continuez de rincer pendant le trajet.

Ingestion:

EN CAS D'INGESTION: Appeler un CENTRE ANTIPOISON/un médecin en cas de malaise.

Rincer la bouche.

Brûlure:

Sans objet.

4.2. Principaux symptômes et effets, aigus et différés

Le produit contient des substances qui causent de graves lésions oculaires. Le contact avec ces substances peut provoquer des effets irréversibles sur les yeux / des lésions oculaires graves.

4.3. Indication des éventuels soins médicaux immédiats et traitements particuliers nécessaires

EN CAS d'exposition prouvée ou suspectée:
Consulter immédiatement un médecin.

Informations pour le médecin

Apportez la présente fiche de données de sécurité ou l'étiquette du produit.

RUBRIQUE 5: MESURES DE LUTTE CONTRE L'INCENDIE

5.1. Moyens d'extinction

Sans objet.

5.2. Dangers particuliers résultant de la substance ou du mélange

Le feu va dégager une épaisse fumée. L'exposition aux produits de décomposition représente un danger pour la santé. Les récipients fermés exposés au feu sont refroidis avec de l'eau. Ne laissez pas de l'eau ayant servi à éteindre l'incendie s'écouler dans les égouts et les cours d'eau.

5.3. Conseils aux pompiers

Portez une combinaison d'intervention normale et une protection respiratoire complète afin d'éviter tout contact.

RUBRIQUE 6: MESURES À PRENDRE EN CAS DE DISPERSION ACCIDENTELLE

6.1. Précautions individuelles, équipement de protection et procédures d'urgence

Évitez le contact direct avec le produit répandu.
Assurer une ventilation adéquate, en particulier dans les espaces confinés.
Évitez d'inhaler des vapeurs de produits répandus.
Les zones contaminées peuvent être glissantes.

6.2. Précautions pour la protection de l'environnement

Ne déversez pas dans les lacs, les ruisseaux, les égouts, etc.
Tenir les personnes non autorisées éloignées du déversement.

6.3. Méthodes et matériel de confinement et de nettoyage

Contenez et collectez les déversements avec un matériau absorbant non combustible, par exemple du sable, de la terre, de la vermiculite ou de la terre de diatomées, et placez-les dans un récipient pour les éliminer conformément aux réglementations locales.
Nettoyez autant que possible avec des produits de nettoyage ordinaires. Évitez les solvants.

6.4. Référence à d'autres rubriques

Voir la rubrique 13 "Considérations relatives à l'élimination" sur la manipulation des déchets.
Voir la rubrique 8 "Contrôles de l'exposition/protection individuelle" pour les mesures de protection.

RUBRIQUE 7: MANIPULATION ET STOCKAGE

7.1. Précautions à prendre pour une manipulation sans danger

Éviter le contact direct avec le produit.
La consommation de tabac, de nourriture et de boissons n'est pas permise dans les locaux de travail.
Voir la rubrique 8 «Contrôles de l'exposition/protection individuelle» pour des renseignements sur les dispositifs de protection individuelle.

7.2. Conditions d'un stockage sûr, y compris d'éventuelles incompatibilités

Les récipients ayant été ouverts doivent être refermés avec soin et maintenus en position verticale afin d'éviter les fuites.

Stocker dans un récipient avec doublure intérieure.

Les compatibilités en matière de conditionnement:

Conserver uniquement dans l'emballage d'origine.

Conditions de stockage:

Sec, frais et bien ventilé

Matières incompatibles:

Conserver uniquement dans l'emballage d'origine.

7.3. Utilisation(s) finale(s) particulière(s)

Ce produit doit être utilisé exclusivement pour les applications décrites la rubrique 1.2.

RUBRIQUE 8: CONTRÔLES DE L'EXPOSITION/PROTECTION INDIVIDUELLE

8.1. Paramètres de contrôle

peroxyde d'hydrogène ; eau oxygénée

Valeur limite (8 heures) (VLEP) (mg/m³): 1,4

Valeur limite (8 heures) (VLEP) (ppm): 1

Liste de valeurs limites d'exposition aux agents chimiques (L'AR du mai 2021).

DNEL

peroxyde d'hydrogène ; eau oxygénée

Durée :	Voie d'exposition :	DNEL :
Effets locaux à court terme - population globale	Inhalation	1.93 mg/m³
Effets locaux à court terme - Travailleurs	Inhalation	3 mg/m³
Effets locaux à long terme - population globale	Inhalation	0,21 mg/m³
Effets locaux à long terme - population globale	Inhalation	210 µg/m³
Effets locaux à long terme - Travailleurs	Inhalation	1.4 mg/m³

PNEC

peroxyde d'hydrogène ; eau oxygénée

Voie d'exposition :	Durée d'exposition :	PNEC :
Eau de mer		0,047 mg/L
Eau de mer		12.6 µg/L
Eau douce		0,0126 mg/L
Eau douce		12.6 µg/L
Emission intermittente (eau douce)		13.8 µg/L
Installation de traitement des eaux usées		466 mg/L
Sédiments en eau de marines		0,047 mg/L
Sédiments en eau de marines		47 µg/kg
Sédiments en eau douce		0,047 mg/kg
Sédiments en eau douce		47 µg/kg
Sol		0,023 mg/kg

Sol		1.9 µg/kg

8.2. Contrôles de l'exposition

Le respect des valeurs limites indiquées doit être contrôlé régulièrement.

Précautions générales:

La consommation de tabac, de nourriture et de boissons n'est pas permise dans les locaux de travail.

Scénarios d'exposition:

Aucun scénario d'exposition n'est mis en œuvre pour ce produit.

Limite d'exposition:

Les utilisateurs professionnels sont concernés par la législation sur l'environnement de travail qui concerne les concentrations maximales auxquelles il est permis d'être exposé. Voir les valeurs limites d'hygiène de travail indiquées ci-dessus.

Mesures techniques:

La formation de vapeur doit être minimale et rester sous les valeurs limites actuelles (voir ci-dessus). Si l'aération n'est pas suffisante dans la pièce, l'installation d'un système local de ventilation est recommandée. Assurez-vous que les douches oculaires et les douches d'urgence sont clairement indiquées.

S'assurer que les postes de rinçage oculaire et les douches de décontamination sont facilement accessibles.

Suivez les précautions habituelles quand vous utilisez le produit. Évitez de respirer les vapeurs.

Mesures d'hygiène:

Enlever les vêtements contaminés et les laver avant réutilisation.

Mesures pour la limitation de l'exposition à l'environnement:

Pas d'exigences particulières.

Mesures de protection individuelle, telles que les équipements de protection personnelle

Généralités:

Utilisez exclusivement des équipements de protection comportant la marque CE.

Équipements respiratoires:

Situation de travail	Type	Classe	Couleur	Normes	
En cas de risque de formation de brouillard/aérosol	Masque complet			EN136	

Protection de la peau:

Recommandé	Type/Catégorie	Normes	
Utilisez des vêtements de travail dédiés	-	-	

Protection des mains:

Situation de travail	Matériel	Épaisseur minimum (mm)	Délai de rupture (min.)	Normes	
En cas d'exposition prolongée ou de concentration élevée	Caoutchouc nitrile	0.4	> 480	EN374-2, EN16523-1, EN388	
En cas d'exposition prolongée ou de concentration élevée	Caoutchouc butyle	0,7	> 480	EN374-2, EN16523-1, EN388, EN421	

Protection des yeux:

Type	Normes	
Porter des lunettes de sécurité avec protections latérales.	EN166	

RUBRIQUE 9: PROPRIÉTÉS PHYSIQUES ET CHIMIQUES

9.1. Informations sur les propriétés physiques et chimiques essentielles

Etat physique:

Liquide

Couleur:

Incolore

Odeur / Seuil olfactif (ppm):

Caractéristique

pH:

2.5

Densité (g/cm³):

1,1 (20 °C)

Viscosité cinématique:

Aucune information disponible.

Caractéristiques des particules:

Ne s'applique pas aux liquides.

Changement d'état

Point de fusion/point de congélation (°C):

Aucune information disponible.

Le point/l'intervalle de ramollissement (°C):

Ne s'applique pas aux liquides.

Point d'ébullition (°C):

100

Pression de vapeur:

Aucune information disponible.

Densité de vapeur relative :

Aucune information disponible.

Température de décomposition (°C):

Aucune information disponible.

Informations concernant les risques d'explosion et d'incendie

Point d'éclair (°C):

Aucune information disponible.

Inflammabilité (°C):

Aucune information disponible.

Température d'auto-inflammation (°C):

Aucune information disponible.

Limite d'explosivité (% v/v):

Aucune information disponible.

Solubilité

Solubilité dans l'eau:

Complètement soluble

n-octanol/coefficient d'eau (LogKow):

Aucune information disponible.

Solubilité dans la graisse (g/L):

Aucune information disponible.

9.2. Autres informations

D'autres paramètres physiques et chimiques:

Aucune information disponible.

Capacités oxydantes:

Aucune information disponible.

RUBRIQUE 10: STABILITÉ ET RÉACTIVITÉ

10.1. Réactivité

Aucune information disponible.

10.2. Stabilité chimique

Le produit est stable dans les conditions indiquées à la rubrique 7 (Manipulation et stockage).

10.3. Possibilité de réactions dangereuses

Aucune connue.

10.4. Conditions à éviter

Aucune connue.

10.5. Matières incompatibles

Conserver uniquement dans l'emballage d'origine.

10.6. Produits de décomposition dangereux

Dans des conditions normales de stockage et d'utilisation, aucun produit de décomposition dangereux ne doit être produit.

RUBRIQUE 11: INFORMATIONS TOXICOLOGIQUES

11.1. Informations sur les classes de danger telles que définies dans le règlement (CE) n° 1272/2008

Toxicité aiguë

Produit/composant	peroxyde d'hydrogène ; eau oxygénée
Espèce :	Rat
Voie d'exposition :	Orale
Test :	DL50
Valeur :	1.193 - 1.270 mg/L

Produit/composant	peroxyde d'hydrogène ; eau oxygénée
Espèce :	Lapin
Voie d'exposition :	Cutanée
Test :	DL50
Valeur :	>2.000 (35% oplossing) mg/kg

Nocif en cas d'ingestion.

Corrosion cutanée/irritation cutanée

Produit/composant	iT.34 laundry stainremover pro active oxygen

Valeur : Effets nocifs observés (Irritant)

Produit/composant peroxyde d'hydrogène ; eau oxygénée
Valeur : Effets nocifs observés (Irritant)

Provoque une irritation cutanée.

Lésions oculaires graves/irritation oculaire

Produit/composant iT.34 laundry stainremover pro active oxygen
Valeur : Effets nocifs observés (Provoque de graves lésions des yeux)

Produit/composant peroxyde d'hydrogène ; eau oxygénée
Valeur : Effets nocifs observés (Provoque de graves lésions des yeux)

Provoque de graves lésions des yeux.

Sensibilisation respiratoire

Produit/composant peroxyde d'hydrogène ; eau oxygénée
Valeur : Aucun effet nocif observé (pas sensibilisant)

Compte tenu des données disponibles, les critères de classification ne sont pas remplis.

Sensibilisation cutanée

Compte tenu des données disponibles, les critères de classification ne sont pas remplis.

Mutagénicité sur les cellules germinales

Compte tenu des données disponibles, les critères de classification ne sont pas remplis.

Cancérogénicité

Produit/composant peroxyde d'hydrogène ; eau oxygénée
Conclusion : Aucun effet nocif observé

Compte tenu des données disponibles, les critères de classification ne sont pas remplis.

Toxicité pour la reproduction

Produit/composant peroxyde d'hydrogène ; eau oxygénée
Conclusion : Aucun effet nocif observé

Compte tenu des données disponibles, les critères de classification ne sont pas remplis.

Toxicité spécifique pour certains organes cibles — exposition unique

Peut provoquer somnolence ou vertiges.

Toxicité spécifique pour certains organes cibles – exposition répétée

Compte tenu des données disponibles, les critères de classification ne sont pas remplis.

Danger par aspiration

Produit/composant peroxyde d'hydrogène ; eau oxygénée

Compte tenu des données disponibles, les critères de classification ne sont pas remplis.

11.2. Informations sur les autres dangers

Effets sur le long terme

Le produit contient des substances qui causent de graves lésions oculaires. Le contact avec ces substances peut provoquer des effets irréversibles sur les yeux / des lésions oculaires graves.

Propriétés perturbant le système endocrinien

Ce mélange/produit ne contient aucune substance considérée comme ayant des propriétés qui provoquent des troubles hormonaux vis-à-vis de la santé.

Autres informations

peroxyde d'hydrogène ; eau oxygénée : La substance a été classée dans le groupe 3 par le CIRC.

RUBRIQUE 12: INFORMATIONS ÉCOLOGIQUES

12.1. Toxicité

Produit/composant : peroxyde d'hydrogène ; eau oxygénée
Espèce : Poisson, Pimephales promelas
Durée : 96 heures
Test : CL50
Valeur : 16,4 mg/L

Produit/composant : peroxyde d'hydrogène ; eau oxygénée
Espèce : Poisson, Leuciscus idus
Durée : 72 heures
Test : CL50
Valeur : 35 mg/L

Produit/composant : peroxyde d'hydrogène ; eau oxygénée
Espèce : Poisson, Oncorhynchus mykiss
Durée : 7 jours
Test : CL50
Valeur : 38,5 mg/L

Produit/composant : peroxyde d'hydrogène ; eau oxygénée
Espèce : Daphnia pulex
Durée : 48 heures
Test : CE50
Valeur : 2,4 mg/L

Produit/composant : peroxyde d'hydrogène ; eau oxygénée
Espèce : Daphnia magna
Durée : 24 heures
Test : CE50
Valeur : 7,7 mg/L

Produit/composant : peroxyde d'hydrogène ; eau oxygénée
Espèce : Skeletonema costatum
Durée : 72 heures
Test : CE50
Valeur : 1,38 mg/L

Produit/composant : peroxyde d'hydrogène ; eau oxygénée
Méthode d'essai : OCDE 209
Espèce : Bactéries
Milieu environnemental : Installation à boue activée
Durée : 30 minutes
Test : CE50
Valeur : 466 mg/L

Produit/composant : peroxyde d'hydrogène ; eau oxygénée
Méthode d'essai : OCDE 209
Espèce : Bactéries
Milieu environnemental : Installation à boue activée
Durée : 3 heures
Test : CE50
Valeur : > 1.000 mg/L

Compte tenu des données disponibles, les critères de classification ne sont pas remplis.

12.2. Persistance et dégradabilité

Produit/composant : peroxyde d'hydrogène ; eau oxygénée
Conclusion : Biodégradabilité facile

12.3. Potentiel de bioaccumulation

Produit/composant : peroxyde d'hydrogène ; eau oxygénée
LogKow : -1,57
Conclusion : -

12.4. Mobilité dans le sol

Aucune information disponible.

12.5. Résultats des évaluations PBT et vPvB

Ce mélange/produit ne contient aucune substance considérée comme répondant aux critères de classification comme PBT et/ou vPvB.

12.6. Propriétés perturbant le système endocrinien

Produit/composant : iT.34 laundry stainremover pro active oxygen
Conclusion : Aucun effet nocif observé

Ce mélange/produit ne contient pas de composants considérés comme ayant des propriétés perturbatrices du système endocrinien

12.7. Autres effets néfastes

Aucune connue.

RUBRIQUE 13: CONSIDÉRATIONS RELATIVES À L'ÉLIMINATION

13.1. Méthodes de traitement des déchets

Le produit est couvert par la réglementation sur les déchets dangereux. (*)

HP 6 - Toxicité aiguë

HP 8 - Corrosif

Éliminer le contenu/récipient conformément à la réglementation locale.

Règlement (UE) n° 1357/2014 de la Commission du 18 décembre 2014 relative aux déchets.

Code CED:

20 01 29* Détergents contenant des substances dangereuses

Emballages pollués

Les emballages avec des résidus de produit sont éliminés en suivant les mêmes règles que pour le produit lui-même.

RUBRIQUE 14: INFORMATIONS RELATIVES AU TRANSPORT

	14.1 ONU	14.2 Désignation officielle de transport	14.3 Classe(s) de danger pour le transport	14.4 PG*	14.5. Env**	Autres informations :
ADR	UN2014	PEROXYDE D'HYDROGÈNE EN SOLUTION AQUEUSE	Classe: 5.1 Étiquettes: 5.1+8 Code de classification: OC1  	II	Non	Quantités limitées: 1 L Code de restriction en tunnels: (E) Voir ci-dessous

	14.1 ONU	14.2 Désignation officielle de transport	14.3 Classe(s) de danger pour le transport	14.4 PG*	14.5. Env**	Autres informations :
						pour plus d'informations.
IMDG	UN2014	HYDROGEN PEROXIDE, AQUEOUS SOLUTION with not less than 20% but not more than 60% hydrogen peroxide (stabilized as necessary)	Classe: 5.1 Étiquettes: 5.1+8 Code de classification: OC1  	II	Non	Quantités limitées: 1 L EmS: F-H S-Q Voir ci-dessous pour plus d'informations.
IATA	UN2014	HYDROGEN PEROXIDE, AQUEOUS SOLUTION with not less than 20% but not more than 60% hydrogen peroxide (stabilized as necessary)	Classe: 5.1 Étiquettes: 5.1+8 Code de classification: OC1  	II	Non	Voir ci-dessous pour plus d'informations.

* Groupe d'emballage

** Dangers pour l'environnement

Autre

Le produit est concerné par les conventions sur les marchandises dangereuses.

ADR / Voir tableau A, section 3.2.1 pour toute information sur les dispositions spéciales, les exigences ou les avertissements en rapport avec le transport. Voir la section 5.4.3, pour les instructions écrites concernant l'atténuation des dommages en cas d'incidents ou d'accidents pendant le transport.

IMDG / Voir section 3.2.1 pour toute information sur les dispositions spéciales, les exigences ou les avertissements en rapport avec le transport.

IATA / Voir tableau 4.2 pour toute information sur les dispositions spéciales, les exigences ou les avertissements en rapport avec le transport.

14.6. Précautions particulières à prendre par l'utilisateur

Sans objet.

14.7. Transport maritime en vrac conformément aux instruments de l'OMI

Aucune information disponible.

RUBRIQUE 15: INFORMATIONS RELATIVES À LA RÉGLEMENTATION

15.1. Réglementations/législation particulières à la substance ou au mélange en matière de sécurité, de santé et d'environnement

Limites d'utilisation:

Réservé aux utilisateurs professionnels.

Demandes de formation spécifique:

Pas d'exigences particulières.

Protection contre les accidents majeurs - Catégories / Substances dangereuses désignées:

Sans objet.

Règlement relatif aux précurseurs d'explosifs:

peroxyde d'hydrogène ; eau oxygénée (Annexe I)

Étiquetage du contenu conformément au règlement (CE) no 648/2004 relatif aux détergents:

≥ 30%

· Agents de blanchiment oxygénés

Autre:

Sans objet.

Sources:

3 MAI 1999. - Arrêté royal relatif à la protection des jeunes au travail.

Règlement (CE) n° 648/2004 du Parlement européen et du Conseil du 31 mars 2004 relatif aux détergents.

Règlement (UE) n° 1357/2014 de la Commission du 18 décembre 2014 relative aux déchets.

Règlement (UE) 2019/1148 relatif aux précurseurs d'explosifs.

Règlement (CE) n° 1272/2008 du Parlement européen et du Conseil du 16 décembre 2008 relatif à la classification, à l'étiquetage et à l'emballage des substances et des mélanges (CLP).

Règlement (CE) n° 1907/2006 du Parlement européen et du Conseil du 18 décembre 2006 concernant l'enregistrement, l'évaluation et l'autorisation des substances chimiques, ainsi que les restrictions applicables à ces substances (REACH).

15.2. Évaluation de la sécurité chimique

Non

RUBRIQUE 16: AUTRES INFORMATIONS

Précisions sur les phrases H dont il est question dans la rubrique 3

H271, Peut provoquer un incendie ou une explosion; comburant puissant.

H302, Nocif en cas d'ingestion.

H314, Provoque de graves brûlures de la peau et de graves lésions des yeux.

H315, Provoque une irritation cutanée.

H318, Provoque de graves lésions des yeux.

H319, Provoque une sévère irritation des yeux.

H332, Nocif par inhalation.

H336, Peut provoquer somnolence ou vertiges.

Abréviations et acronymes

ADN = Accord européen relatif au transport international des marchandises Dangereuses par voie de Navigation intérieure

ADR = L'Accord européen relatif au transport international des marchandises Dangereuses par Route

CAS = Chemical Abstracts Service

CE = Conformité Européenne

CVI = Conteneurs en Vrac Intermédiaires

CLP = Règlement 1272/2008/CE relatif à la classification, à l'étiquetage et à l'emballage des substances et des mélanges

COV = Composés Organiques Volatils

CPSE = Concentration Prédite Sans Effet

CSA = Evaluation de la Sécurité Chimique

CSR = Rapport sur la Sécurité Chimique

DMEL = Dose dérivée avec effet minimum

DNEL = Dose dérivée sans effet

ds = les déchets spéciaux

EINECS = Inventaire européen des substances chimiques commerciales existantes

ETA = Estimation de la Toxicité Aiguë

EuPCS = Système européen de catégorisation des produits

FBC = Facteur de Bioconcentration

Mention EUH = mention de danger spécifique CLP

IARC = Le Centre international de Recherche sur le Cancer (CIRC)
IATA = Association Internationale du Transport Aérien
code IMDG = code maritime international des marchandises dangereuses
LogK_{ow} = Coefficient de partage octanol/eau
MARPOL = Convention internationale pour la prévention de la pollution par les navires de 1973, telle que modifiée par le Protocole de 1978. ("MARPOL" = pollution maritime)
NU = Nations Unies
OCDE = Organisation de Coopération et de Développement Economiques
PBT = Persistantes, Bioaccumulables et Toxiques
PRP = Le potentiel de réchauffement planétaire
REACH = Règlement sur l'enregistrement, l'évaluation, l'autorisation et les restrictions des substances chimiques [Règlement (CE) N° 1907/2006]
RID = Règlement concernant le transport International ferroviaire des marchandises Dangereuses
RRN = Numéro d'enregistrement REACH
sc = les autres déchets soumis à contrôle
scd = autres déchets soumis à contrôle qui nécessitent un document de suivi
SCL = Limite de concentration spécifique (LCS).
SE = Scenario d'Exposition
SGH = Système Général Harmonisé de classification et d'étiquetage des produits chimiques
SVHC = Substances extrêmement préoccupantes
TDAA = Température de décomposition auto-accélérée
vPvB = Très Persistant et très Bioaccumulable
TSOC-ER = Toxicité Spécifique pour certains Organes Cibles - Exposition Répétée
TSOC-EU = Toxicité Spécifique pour certains Organes Cibles - Exposition Unique
TWA = Moyenne pondérée dans le temps
UVBC = Substances de composition inconnue ou variable, produits de réaction complexes ou matières biologiques

Autre

La classification du mélange au regard des risques pour la santé est conforme aux méthodes de calcul fournies par le Règlement (CE) n° 1272/2008.

Validé par

Quality & Compliance

Autre

Les modifications par rapport à la dernière révision importante (premiers chiffres dans la fiche, voir rubrique 1) de cette fiche de données de sécurité sont repérées par un triangle.
Les informations de la présente fiche de données de sécurité sont seulement valables pour ce produit (indiqué à la rubrique 1) et ne sont pas nécessairement valables pour l'utilisation d'autres produits/produits chimiques.
Il est recommandé de donner cette fiche de données de sécurité à l'utilisateur effectif du produit. Les informations de ce document ne peuvent pas être utilisées comme spécification du produit.
Pays-langue : BE-fr

VEILIGHEIDSINFORMATIEBLAD

iT.34 laundry stainremover pro active oxygen

RUBRIEK 1: IDENTIFICATIE VAN DE STOF OF HET MENGSEL EN VAN DE VENNOOTSCHAP/ONDERNEMING

1.1. Productidentificatie

Handelsnaam:

iT.34 laundry stainremover pro active oxygen

Unieke formule-identificatie (UFI):

KWY8-NP0S-J88H-EC1G

1.2. Relevant geïdentificeerd gebruik van de stof of het mengsel en ontraden gebruik

Relevant geïdentificeerd gebruik van de stof of het mengsel:

Was- en reinigingsmiddelen (inclusief op oplosmiddelbasis)

Uitsluitend voor gebruik door professionele gebruiker.

Ontraden gebruik :

Niet bekend.

1.3. Details betreffende de verstrekker van het veiligheidsinformatieblad

Firmanaam en adres:

Hygeniq B.V.

Postbus 618

7500 AP Enschede

The Netherlands

+31 53 4282860

+31 53 5393865

www.hygeniq.com

E-mailadres:

info@hygeniq.com

Herziening:

15/08/2025

SDS-versie:

1.0

1.4. Telefoonnummer voor noodgevallen

Antigifcentrum: +32 (0) 70 245 245 (elke dag, 24 op 24 uur)

Zie rubriek 4 over eerstehulpmaatregelen.

RUBRIEK 2: IDENTIFICATIE VAN DE GEVAREN

Geclassificeerd overeenkomstig Voorschrift (EC) Nr. 1272/2008 (CLP).

2.1. Indeling van de stof of het mengsel

Met. Corr. 1; H290, Kan bijtend zijn voor metalen.

Acute Tox. 4; H302, Schadelijk bij inslikken.
Skin Irrit. 2; H315, Veroorzaakt huidirritatie.
Eye Dam. 1; H318, Veroorzaakt ernstig oogletsel.
STOT SE 3; H336, Kan slaperigheid of duizeligheid veroorzaken.

2.2. Etiketteringselementen

Gevarenpictogram(men):



Signaalwoord:

Gevaar

Gevarenaanduidingen:

Kan bijtend zijn voor metalen. (H290)
Schadelijk bij inslikken. (H302)
Veroorzaakt huidirritatie. (H315)
Veroorzaakt ernstig oogletsel. (H318)
Kan slaperigheid of duizeligheid veroorzaken. (H336)

Veiligheidsaanbevelingen:

Algemeen:

Niet van toepassing.

Preventie:

Na het werken met dit product handen en blootgestelde huid grondig wassen. (P264)
oogbescherming/Beschermende handschoenen/Beschermende kleding dragen. (P280)

Reactie:

BIJ CONTACT MET DE OGEN: voorzichtig afspoelen met water gedurende een aantal minuten; contactlenzen verwijderen, indien mogelijk; blijven spoelen. (P305+P351+P338)
Gelekte/gemorste stof opnemen om materiële schade te vermijden. (P390)

Opslag:

In houder met corrosiebestendige binnenbekleding bewaren. (P406)

Verwijdering:

Inhoud/verpakking afvoeren naar overeenkomstig de plaatselijke voorschriften (P501)

Stoffen waarvoor meldingsplicht geldt:

waterstofperoxide

Andere opmerkingen:

UFI: KQY8-NP0S-J88H-EC1G

Etikettering van de inhoud in overeenstemming met detergentiaverordening EG nr. 648/2004 (van toepassing op verpakkingen van wasmiddelen die aan het grote publiek worden verkocht):

≥ 30%

· Zuurstofbleekmiddelen

2.3. Andere gevaren

Overig:

Dit mengsel/product bevat geen stoffen die aan de criteria voldoen om ze als PBT en/of zPzB te classificeren.
Dit product bevat geen stoffen die worden beschouwd als hormoonverstorende stoffen volgens de criteria van Gedelegeerde Verordening (EU) 2017/2100 van de Commissie of Verordening (EU) 2023/707 van de Commissie.

RUBRIEK 3: SAMENSTELLING EN INFORMATIE OVER DE BESTANDDELEN

3.1. Stoffen

Niet van toepassing. Dit product is een mengsel.

3.2. Mengsels

Product / ingrediënt	Identificatiemogelijkheden	% w/w	Classificatie	Opm.
waterstofperoxide	CAS Nr.: 7722-84-1 EG Nr: 231-765-0 REACH: 01-2119485845-22-XXXX Catalogusnr.: 008-003-00-9	30-50%	Ox. Liq. 1, H271 Acute Tox. 4, H302 Skin Corr. 1A, H314 (SCL: 70,00 %) Skin Corr. 1B, H314 (SCL: 50,00 %) Skin Irrit. 2, H315 (SCL: 35,00 %) Eye Dam. 1, H318 (SCL: 8,00 %) Eye Irrit. 2, H319 (SCL: 5,00 %) Acute Tox. 4, H332 STOT SE 3, H336 (SCL: 35,00 %)	

De volledige tekst van de gevarenaanduidingen staat in rubriek 16. Arbeidshygiënische grenswaarden zijn genoemd in rubriek 8, voor zover ze van toepassing zijn.

Andere informatie

-

RUBRIEK 4: EERSTEHULPMAATREGELEN

4.1. Beschrijving van de eerstehulpmaatregelen

Algemeen:

Bij ongelukken: Contacteer een arts of het Antigifcentrum: +32 (0) 70 245 245 (elke dag, 24 op 24 uur). Neem het etiket van het product of dit veiligheidsblad mee.

Bij aanhoudende symptomen of twijfel over de toestand van het slachtoffer moet er een arts ingeschakeld worden. Geef een bewusteloze persoon nooit water of iets dergelijks.

Bij inademen:

Als men moeilijkheden vaststelt tijdens de ademhaling of irritatie van de luchtwegen: Breng de persoon naar buiten en houd hem in de gaten.

Bij huidcontact:

BIJ CONTACT MET DE HUID: met veel water/water en zeep wassen.

Verwijder verontreinigde kleding en schoenen. Huid, die in contact is geweest met het materiaal grondig wassen met water en zeep. Gebruik GEEN oplosmiddelen of verdunners.

Bij huidirritatie: een arts raadplegen.

Bij oogcontact:

Bij contact met de ogen: Spoel de ogen direct uit met een ruime hoeveelheid water (20-30 °C) tot de irritatie ophoudt en minstens 30 minuten. Verwijder eventuele contactlenzen. Spoel ook onder het bovenste en onderste ooglid. Bel meteen een arts. Raadpleeg onmiddellijk een arts en blijf spoelen tijdens het transport naar de arts.

Bij inslikken:

NA INSLIKKEN: bij onwel voelen een ANTIGIFCENTRUM/arts raadplegen.

De mond spoelen.

Bij verbranding:

Niet van toepassing.

4.2. Belangrijkste acute en uitgestelde symptomen en effecten

Het product bevat stoffen die ernstig oogletsel veroorzaken. Contact met deze stoffen kan onomkeerbare effecten op het oog/ernstig oogletsel veroorzaken.

4.3. Vermelding van eventueel noodzakelijke onmiddellijke medische verzorging en speciale behandeling

NA (mogelijke) blootstelling:

Onmiddellijk een arts raadplegen.

Informatie voor de arts

Neem dit veiligheidsblad met of het etiket van het materiaal gegevens mee.

RUBRIEK 5: BRANDBESTRIJDINGSMAATREGELEN

5.1. Blusmiddelen

Niet van toepassing.

5.2. Speciale gevaren die door de stof of het mengsel worden veroorzaakt

Brand zal dichte rook ontwikkelen. Blootstelling aan afbraakproducten kan een gevaar voor de gezondheid opleveren. Gesloten houders die blootgesteld worden aan vuur, afkoelen met water. Laat het bluswater niet in riolering of waterleiding wegllopen.

5.3. Advies voor brandweerlieden

Normaal uniform en volledige ademhalingsbescherming. Als er blootstelling is opgetreden, neem dan contact op met Antigifcentrum: +32 (0) 70 245 245 (elke dag, 24 op 24 uur).

RUBRIEK 6: MAATREGELEN BIJ HET ACCIDENTEEL VRIJKOMEN VAN DE STOF OF HET MENGSEL

6.1. Persoonlijke voorzorgsmaatregelen, beschermingsmiddelen en noodprocedures

Vermijd direct contact met gemorste stof.

Zorg voor voldoende ventilatie, vooral in afgesloten ruimten.

Vermijd inademen van dampen van gemorste stoffen.

Verontreinigde gebieden kunnen glad zijn.

6.2. Milieuvorzorgsmaatregelen

Voorkom wegllopen naar meren, rivieren, riolering, e.d.

Houd onbevoegden uit de buurt van het gemorste product.

6.3. Insluitings- en reinigingsmethoden en -materiaal

Verzamel gemorst materiaal met onbrandbaar, absorberend materiaal, bijvoorbeeld zand, aarde, vermiculiet of diatomeeënaarde en doe het in een container voor verwijdering volgens de lokale voorschriften.

Schoonmaken wordt voor zover mogelijk met schoonmaakmiddelen gedaan. Vermijd oplosmiddelen.

6.4. Verwijzing naar andere rubrieken

Zie het rubriek "Instructies voor verwijdering" over hoe om te gaan met afval.

Zie het rubriek over 8 "Maatregelen ter beheersing van blootstelling/persoonlijke bescherming" voor beschermingsregelingen.

RUBRIEK 7: HANTERING EN OPSLAG

7.1. Voorzorgsmaatregelen voor het veilig hanteren van de stof of het mengsel

Vermijd direct contact met het product.

Roken, eten en drinken is niet toegestaan in arbeidslokalen.

Zie de rubriek "Maatregelen ter beheersing van blootstelling/persoonlijke bescherming" voor informatie over persoonlijke bescherming.

7.2. Voorwaarden voor een veilige opslag, met inbegrip van incompatibele producten

Containers die zijn geopend dienen zorgvuldig te worden afgesloten en rechtop te worden opgeslagen om lekkage te voorkomen.

In houder met corrosiebestendige binnenbekleding bewaren.

Compatibele verpakkingen:

Uitsluitend in de oorspronkelijke verpakking bewaren.

Opslag condities:

Droog, koel en goed geventileerd

Chemisch op elkaar inwerkende materialen:

Uitsluitend in de oorspronkelijke verpakking bewaren.

7.3. Specifiek eindgebruik

Dit product mag alleen worden gebruikt voor de doeleinden zoals beschreven in rubriek 1.2.

RUBRIEK 8: MAATREGELEN TER BEHEERSING VAN BLOOTSTELLING/PERSOONLIJKE BESCHERMING

8.1. Controleparameters

waterstofperoxide

Grenswaarde (TGG 8 uur) (mg/m³): 1,4

Grenswaarde (TGG 8 uur) (ppm): 1

Lijst van de grenswaarden voor blootstelling aan chemische agentia (KB van mei 2021).

DNEL

waterstofperoxide

Duur:	Blootstellingsroute:	DNEL:
Korte termijn - Lokale effecten - Algehele populatie	Inademing	1.93 mg/m ³
Korte termijn - Lokale effecten - Arbeiders	Inademing	3 mg/m ³
Lange termijn - Lokale effecten - Algehele populatie	Inademing	0,21 mg/m ³
Lange termijn - Lokale effecten - Algehele populatie	Inademing	210 µg/m ³
Lange termijn - Lokale effecten - Arbeiders	Inademing	1.4 mg/m ³

PNEC

waterstofperoxide

Blootstellingsroute:	Blootstellingsduur:	PNEC:
Aarde		0,023 mg/kg
Aarde		1.9 µg/kg
Afvalwaterzuiveringsinstallatie		466 mg/L
Intermitterende vrijlating (zoet water)		13.8 µg/L
Zeewater		0,047 mg/L
Zeewater		12.6 µg/L
Zeewatersediment		0,047 mg/L
Zeewatersediment		47 µg/kg
Zoet water		0,0126 mg/L
Zoet water		12.6 µg/L

Zoetwatersediment		0,047 mg/kg
Zoetwatersediment		47 µg/kg

8.2. Maatregelen ter beheersing van blootstelling

Naleving van de aangegeven grenswaarden dient regelmatig gecontroleerd te worden.

Algemene gedragslijnen:

Roken, eten en drinken is niet toegestaan in arbeidslokalen.

Blootstellingsscenario's:

Er zijn geen blootstellingsscenario's geïmplementeerd voor dit product.

Blootstellingslimieten:

Beroepsmatige gebruikers vallen onder de regels van de arbeidsomstandighedenwet betreffende maximum concentratie van exponering. Zie de arbeidshygiënische grenswaarden hierboven.

Technische maatregelen:

De ontwikkeling van dampen moet zo beperkt mogelijk blijven en in elk geval onder de aangegeven grenswaarden (zie hoger). Een lokaal afzuigsysteem is aan te raden als de ventilatie in het lokaal ontoereikend is. Zorg ervoor dat oogspoelmiddel en een doucheslang in geval van nood duidelijk aangegeven zijn. Zorg ervoor dat oogwasstations en veiligheidsdouches binnen handbereik zijn. Wees voorzichtig bij het gebruik van het product. Vermijd de inademing van dampen.

Hygiënische maatregelen:

Verontreinigde kleding uittrekken en wassen alvorens deze opnieuw te gebruiken.

Beheersing van milieublootstelling:

Geen bijzondere eisen.

Individuele beschermingsmaatregelen, zoals persoonlijke beschermingsmiddelen

Algemeen:

Gebruik alleen beschermingsapparatuur met het CE-keurmerk.

Luchtwegen:

Werksituatie	Type	Klasse	Kleur	Standaard	
Als er een risico bestaat van mistvorming/aerosol	Hele maskers			EN136	

Huid en lichaam:

Aanbevolen	Type/Categorie	Normen	
Aanbevolen wordt speciale werkkleding te dragen	-	-	

Handen:

Werksituatie	Materiaal	Minimale laagdikte (mm)	Doorbraaktijd (min.)	Normen	
In het geval van een lange blootstelling of hoge concentraties	Nitril handschoenen	0,4	> 480	EN374-2, EN16523-1, EN388	
In het geval van een lange blootstelling of hoge concentraties	Butyl	0,7	> 480	EN374-2, EN16523-1, EN388, EN421	

Ogen:

Type	Normen	
Draag een veiligheidsbril met zijstukken	EN166	

RUBRIEK 9: FYSISCHE EN CHEMISCHE EIGENSCHAPPEN

9.1. Informatie over fysische en chemische basiseigenschappen

Fysische toestand:

Vloeibaar

Kleur:

Kleurloos

Geur / Geurdrempelwaarde (ppm):

Karakteristiek

pH:

2.5

Soortelijk gewicht (g/cm³):

1,1 (20 °C)

Kinematische viscositeit:

Geen gegevens beschikbaar.

Deeltjeskenmerken:

Niet van toepassing op vloeistoffen.

Toestandsverandering en damp

Smeltpunt/vriespunt (°C):

Geen gegevens beschikbaar.

Verwekingspunt/verwekingstraject (°C):

Niet van toepassing op vloeistoffen.

Kookpunt (°C):

100

Dampdruk:

Geen gegevens beschikbaar.

Relatieve dampdichtheid:

Geen gegevens beschikbaar.

Ontledingstemperatuur (°C):

Geen gegevens beschikbaar.

Data voor brand- en explosiegevaar

Vlampunt (°C):

Geen gegevens beschikbaar.

Ontvlambaarheid (°C):

Geen gegevens beschikbaar.

Zelfontbrandingstemperatuur (°C):

Geen gegevens beschikbaar.

Ontploffingsgrenzen (% v/v):

Geen gegevens beschikbaar.

Oplosbaarheid

Oplosbaarheid in water:

Volledig oplosbaar

n-octanol/water coëfficiënt (LogKow):

Geen gegevens beschikbaar.

Oplosbaarheid in vet (g/L):

Geen gegevens beschikbaar.

9.2. Overige informatie

Andere fysische en chemische parameters:

Geen gegevens beschikbaar.

Oxiderende eigenschappen:

Geen gegevens beschikbaar.

RUBRIEK 10: STABILITEIT EN REACTIVITEIT

10.1. Reactiviteit

Geen gegevens beschikbaar.

10.2. Chemische stabiliteit

Het product is stabiel onder de voorwaarden die genoemd zijn in de rubriek 7 "Hantering en opslag".

10.3. Mogelijke gevaarlijke reacties

Niet bekend.

10.4. Te vermijden omstandigheden

Niet bekend.

10.5. Chemisch op elkaar inwerkende materialen

Uitsluitend in de oorspronkelijke verpakking bewaren.

10.6. Gevaarlijke ontledingsproducten

Bij normale omstandigheden van opslag en gebruik, zouden gevaarlijke ontledingsproducten niet moeten worden geproduceerd.

RUBRIEK 11: TOXICOLOGISCHE INFORMATIE

11.1. Informatie over gevarenklassen als omschreven in Verordening (EG) nr. 1272/2008

Acute toxiciteit

Product / ingrediënt	waterstofperoxide
Soorten:	Rat
Blootstellingsroute:	Oraal
Test:	LD50
Resultaat:	1.193 - 1.270 mg/L

Product / ingrediënt	waterstofperoxide
Soorten:	Konijn
Blootstellingsroute:	Via de huid
Test:	LD50
Resultaat:	>2.000 (35% oplossing) mg/kg

Schadelijk bij inslikken.

Huidcorrosie/-irritatie

Product / ingrediënt	iT.34 laundry stainremover pro active oxygen

Resultaat:	Schadelijke effecten waargenomen (Irriterend)

Product / ingrediënt	waterstofperoxide
Resultaat:	Schadelijke effecten waargenomen (Irriterend)

Veroorzaakt huidirritatie.

Ernstig oogletsel/oogirritatie

Product / ingrediënt	iT.34 laundry stainremover pro active oxygen
Resultaat:	Schadelijke effecten waargenomen (Veroorzaakt ernstig oogletsel)

Product / ingrediënt	waterstofperoxide
Resultaat:	Schadelijke effecten waargenomen (Veroorzaakt ernstig oogletsel)

Veroorzaakt ernstig oogletsel.

Sensibilisatie van de luchtwegen

Product / ingrediënt	waterstofperoxide
Resultaat:	Geen schadelijke effecten waargenomen (niet sensibiliserend)

Gebaseerd op beschikbare gegevens; aan de indelingscriteria is niet voldaan.

Sensibilisatie van de huid

Gebaseerd op beschikbare gegevens; aan de indelingscriteria is niet voldaan.

Mutageniteit in geslachtscellen

Gebaseerd op beschikbare gegevens; aan de indelingscriteria is niet voldaan.

Kankerverwekkend

Product / ingrediënt	waterstofperoxide
Conclusie:	Geen schadelijke effecten waargenomen

Gebaseerd op beschikbare gegevens; aan de indelingscriteria is niet voldaan.

Giftigheid voor de voortplanting

Product / ingrediënt	waterstofperoxide
Conclusie:	Geen schadelijke effecten waargenomen

Gebaseerd op beschikbare gegevens; aan de indelingscriteria is niet voldaan.

STOT bij eenmalige blootstelling

Kan slaperigheid of duizeligheid veroorzaken.

STOT bij herhaalde blootstelling

Gebaseerd op beschikbare gegevens; aan de indelingscriteria is niet voldaan.

Gevaar bij inademing

Product / ingrediënt	waterstofperoxide

Gebaseerd op beschikbare gegevens; aan de indelingscriteria is niet voldaan.

11.2. Informatie over andere gevaren

Effecten op lange termijn

Het product bevat stoffen die ernstig oogletsel veroorzaken. Contact met deze stoffen kan onomkeerbare effecten op het oog/ernstig oogletsel veroorzaken.

Hormoonontregelende eigenschappen

Dit mengsel/product bevat geen stoffen die worden beschouwd als het hebben van hormoonverstorende eigenschappen met betrekking tot de gezondheid.

Overige informatie

waterstofperoxide : De stof is geclassificeerd als groep 3 door IARC.

RUBRIEK 12: ECOLOGISCHE INFORMATIE

12.1. Toxiciteit

Product / ingrediënt waterstofperoxide
Soorten: Vis, Pimephales promelas
Duur: 96 uur
Test: LC50
Resultaat: 16,4 mg/L

Product / ingrediënt waterstofperoxide
Soorten: Vis, Leuciscus idus
Duur: 72 uur
Test: LC50
Resultaat: 35 mg/L

Product / ingrediënt waterstofperoxide
Soorten: Vis, Oncorhynchus mykiss
Duur: 7 dagen
Test: LC50
Resultaat: 38,5 mg/L

Product / ingrediënt waterstofperoxide
Soorten: Daphnia pulex
Duur: 48 uur
Test: EC50
Resultaat: 2,4 mg/L

Product / ingrediënt waterstofperoxide
Soorten: Daphnia magna
Duur: 24 uur
Test: EC50
Resultaat: 7,7 mg/L

Product / ingrediënt waterstofperoxide
Soorten: Skeletonema costatum
Duur: 72 uur
Test: EC50
Resultaat: 1,38 mg/L

Product / ingrediënt waterstofperoxide
Testmethode: OESO 209
Soorten: Bacterie
Milieucompartiment: Geactiveerde slibinstallatie
Duur: 30 minuten
Test: EC50
Resultaat: 466 mg/L

Product / ingrediënt waterstofperoxide
Testmethode: OESO 209
Soorten: Bacterie
Milieucompartiment: Geactiveerde slibinstallatie
Duur: 3 uur
Test: EC50
Resultaat: > 1.000 mg/L

Gebaseerd op beschikbare gegevens; aan de indelingscriteria is niet voldaan.

12.2. Persistentie en afbreekbaarheid

Product / ingrediënt waterstofperoxide
Conclusie: Gemakkelijk biologisch afbreekbaar

12.3. Bioaccumulatie

Product / ingrediënt waterstofperoxide
LogKow: -1,57
Conclusie: -

12.4. Mobiliteit in de bodem

Geen gegevens beschikbaar.

12.5. Resultaten van PBT- en zPzB-beoordeling

Dit mengsel/product bevat geen stoffen die aan de criteria voldoen om ze als PBT en/of zPzB te classificeren.

12.6. Hormoonontregelende eigenschappen

Product / ingrediënt iT.34 laundry stainremover pro active oxygen
Conclusie: Geen schadelijke effecten waargenomen

Dit mengsel/product bevat geen stoffen die worden beschouwd als het hebben van endocrien-verstorende eigenschappen met betrekking tot het milieu.

12.7. Andere schadelijke effecten

Niet bekend.

RUBRIEK 13: INSTRUCTIES VOOR VERWIJDERING

13.1. Afvalverwerkingsmethoden

Dit product valt onder de wetgeving inzake gevaarlijke afvalstoffen. (*)

HP 6 - Acute toxiciteit

HP 8 - Corrosief

Inhoud/verpakking afvoeren naar overeenkomstig de plaatselijke/regionale/nationale/internationale voorschriften. Verordening (EU) Nr. 1357/2014 van de Commissie van 18 december 2014 betreffende afvalstoffen.

Euralcode:

20 01 29* Detergenten die gevaarlijke stoffen bevatten

Verontreinigde emballage

Verpakking met restinhoud van het product wegwerken volgens dezelfde voorwaarden als het product.

RUBRIEK 14: INFORMATIE MET BETREKKING TOT HET VERVOER

	14.1 VN	14.2 Juiste ladingnaam van de VN	14.3 Transportgevarenklasse(n)	14.4 PG*	14.5. Env**	Andere informatie :
ADR	UN2014	WATERSTOFPEROXIDE, OPLOSSING IN WATER, met ten minste 20 % en niet meer dan 60 % waterstofperoxide (zo nodig gestabiliseerd)	Klasse: 5.1 Etiketten: 5.1+8 Classificatiecode: OC1  	II	Nee	Gelimiteerde hoeveelheden: 1 L Code voor beperkingen in tunnels: (E) Zie hieronder

	14.1 VN	14.2 Juiste ladingnaam van de VN	14.3 Transportgevaarenklasse(n)	14.4 PG*	14.5. Env**	Andere informatie :
						voor meer informatie.
IMDG	UN2014	HYDROGEN PEROXIDE, AQUEOUS SOLUTION with not less than 20% but not more than 60% hydrogen peroxide (stabilized as necessary)	Klasse: 5.1 Etiketten: 5.1+8 Classificatiecode: OC1  	II	Nee	Gelimiteerde hoeveelheden: 1 L EmS: F-H S-Q Zie hieronder voor meer informatie.
IATA	UN2014	HYDROGEN PEROXIDE, AQUEOUS SOLUTION with not less than 20% but not more than 60% hydrogen peroxide (stabilized as necessary)	Klasse: 5.1 Etiketten: 5.1+8 Classificatiecode: OC1  	II	Nee	Zie hieronder voor meer informatie.

* Verpakkingsgroep

** Milieugevaren

Overig

Het product valt onder de conventies voor gevaarlijke goederen.

ADR / Zie tabel A, rubriek 3.2.1, voor eventuele informatie over speciale bepalingen, voorschriften of waarschuwingen in verband met het vervoer. Zie rubriek 5.4.3, voor schriftelijke instructies betreffende het beperken van schade in verband met incidenten of ongevallen tijdens het vervoer.

IMDG / Zie rubriek 3.2.1, voor eventuele informatie over speciale bepalingen, voorschriften of waarschuwingen in verband met het vervoer.

IATA / Zie tabel 4.2, voor eventuele informatie over speciale bepalingen, voorschriften of waarschuwingen in verband met het vervoer.

14.6. Bijzondere voorzorgen voor de gebruiker

Niet van toepassing.

14.7. Zeevervoer in bulk overeenkomstig IMO-instrumenten

Geen gegevens beschikbaar.

RUBRIEK 15: REGELGEVING

15.1. Specifieke veiligheids-, gezondheids- en milieureglementen en -wetgeving voor de stof of het mengsel

Beperkingen bij gebruik:

Uitsluitend voor gebruik door professionele gebruiker.

Eisen t.o.v. speciale opleidingen:

Geen bijzondere eisen.

SEVESO - Gevarencategorieën / Gevaarlijke stoffen:

Niet van toepassing.

Verordening van precursoren voor explosieven:

waterstofperoxide (Bijlage I)

Etikettering van de inhoud in overeenstemming met detergentiaverordening EG nr. 648/2004:

≥ 30%

· Zuurstofbleekmiddelen

Overig:

Niet van toepassing.

Bronnen:

3 MEI 1999. - Koninklijk besluit betreffende de bescherming van de jongeren op het werk.

Verordening (EG) nr. 648/2004 van het Europees Parlement en de Raad van 31 maart 2004 betreffende detergentia.

Verordening (EU) Nr. 1357/2014 van de Commissie van 18 december 2014 betreffende afvalstoffen.

Verordening (EU) 2019/1148 van precursoren voor explosieven.

Verordening (EG) nr. 1272/2008 van het Europees Parlement en de Raad van 16 december 2008 betreffende de indeling, etikettering en verpakking van stoffen en mengsels (CLP).

Verordening (EG) nr. 1907/2006 van het Europees Parlement en de Raad van 18 december 2006 inzake de registratie en beoordeling van en de autorisatie en beperkingen ten aanzien van chemische stoffen (REACH).

15.2. Chemischeveiligheidsbeoordeling

Nee

RUBRIEK 16: OVERIGE INFORMATIE

De volledige tekst van de H-zinnen genoemd in rubriek 3

H271, Kan brand of ontploffingen veroorzaken; sterk oxiderend.

H302, Schadelijk bij inslikken.

H314, Veroorzaakt ernstige brandwonden en oogletsel.

H315, Veroorzaakt huidirritatie.

H318, Veroorzaakt ernstig oogletsel.

H319, Veroorzaakt ernstige oogirritatie.

H332, Schadelijk bij inademing.

H336, Kan slaperigheid of duizeligheid veroorzaken.

Afkortingen en acroniemen

ADN = Europese wetgeving met betrekking tot het vervoer van gevaarlijke goederen over binnewateren

ADR = Europese overeenkomst met betrekking tot het vervoer van gevaarlijke goederen over de weg

ATE = Acute toxiciteitsbeoordeling

BCF = Bioconcentratie Factor

CAS = Chemical Abstracts Service

CE = Conformité européenne

CLP = Indeling, etikettering en verpakking van stoffen en mengsels [Verordening (EG) No. 1272/2008]

CSA = Chemische Veiligheidsbeoordeling

CSR = rapporten over de chemische veiligheid (CSR - Chemical Safety Reports)

DNEL = De afgeleide dosis zonder effect

EAC = Europese Afval Catalogoog

EINECS = European INventory of Existing Commercial Substances

ES = blootstellingsscenario

EUH zin = CLP-specifieke gevaarszin

EuPCS = Europees productindelingssysteem

GHS = Globaal geharmoniseerd systeem voor indeling, kenmerking en etikettering van chemische stoffen en mengsels

GWP = Aardopwarmingsvermogen

IATA = Internationaal Lucht Transport Vereniging

IBC = Tussentijdse bulk container

IMDG = Internationaal Maritiem Transport voor Gevaarlijke goederen

LogPow = Logaritme van de octaan/water partitie coëfficiënt

MARPOL = Internationale conventie voor de preventie van vervuiling door schepen, 1973 en aangepast door het protocol van 1978. ("Marpol" = zee vervuילend)

OESO = Organisatie voor Economische Samenwerking en Ontwikkeling

PBT = Persistent, Bioaccumulatief en Toxisch

PNEC = Voorspelde geen effect concentratie

RID = Regelgeving met betrekking tot het vervoer van gevaarlijke goederen over het spoor

RRN = REACH registratie nummer

SCL = Specifieke concentratielimiet.

SVHC = Zeer zorgwekkende stoffen

STOT-RE = specifieke doelorgaantoxiciteit - herhaalde blootstelling

STOT-SE = specifieke doelorgaantoxiciteit - enkelvoudige blootstelling

TGG = Tijd gewogen gemiddelde

UVBC = Stoffen van onbekende of variabele samenstelling, complexe reactieproducten of biologische materialen.

VN = Verenigde Naties

VOS = Vluchtige Organische Stoffen

zPzB = zeer Persistent en zeer Bioaccumulatief

Overig

De indeling van het stof/mengsel ten aanzien van de gevaren voor de gezondheid in overeenstemming zijn met de berekeningsmethoden die door Verordening (EC) nr 1272/2008 (CLP).

Het veiligheidsinformatieblad is gevalideerd door

Quality & Compliance

Overig

Veranderingen ten opzichte van de vorige belangrijke revisie (eerste cijfer in de SDS-versie, zie rubriek 1) van dit veiligheidsinformatieblad zijn gemarkeerd met een driehoek.

De inlichtingen in dit veiligheidsinformatieblad gelden alleen voor het product genoemd in rubriek 1 en hoeven niet te gelden bij gebruik samen met andere producten.

Het is aan te bevelen dit veiligheidsinformatieblad af te geven aan de eigenlijke gebruiker van het product. De genoemde informatie dient niet als productspecificatie.

Land-taal: BE-nl

ИНФОРМАЦИОНЕН ЛИСТ ЗА БЕЗОПАСНОСТ

iT.34 laundry stainremover pro active oxygen

РАЗДЕЛ 1: ИДЕНТИФИКАЦИЯ НА ВЕЩЕСТВОТО/СМЕСТА И НА ДРУЖЕСТВОТО/ПРЕДПРИЯТИЕТО

1.1. Идентификатор на продукта

Търговско наименование:

iT.34 laundry stainremover pro active oxygen

Уникален идентификатор на формули (UFI):

KWY8-NP0S-J88H-EC1G

1.2. Идентифицирани употреби на веществото или сместа, които са от значение, и употреби, които не се препоръчват

Съответни идентифицирани употреби на веществото или сместа:

Детергенти и почистващи препарати (включително на основата на разтворители)
Само за професионална употреба.

Употреби, които не се препоръчват:

Никой познат.

1.3. Подробни данни за доставчика на информационния лист за безопасност

Компания и адрес:

Hygeniq B.V.

Postbus 618

7500 AP Enschede

The Netherlands

+31 53 4282860

+31 53 5393865

www.hygeniq.com

Е-поща:

info@hygeniq.com

Преработено издание:

15.08.2025 г.

SDS версия:

1.0

1.4. Телефонен номер при спешни случаи

Национален токсикологичен информационен център, Телефон за спешни случаи: +359 2 9154 233
(www.pirogov.bg)

Вижте раздел 4 "Мерки за първа помощ".

РАЗДЕЛ 2: ОПИСАНИЕ НА ОПАСНОСТИТЕ

Класифицирано съгласно Регламент (ЕО) № 1272/2008 (Класифициране, етиктиране и опаковане).

2.1. Класифициране на веществото или сместа

Met. Corr. 1; H290, Може да бъде корозивно за металите.
Acute Tox. 4; H302, Вреден при поглъщане.
Skin Irrit. 2; H315, Предизвиква дразнене на кожата.
Eye Dam. 1; H318, Предизвиква сериозно увреждане на очите.
STOT SE 3; H336, Може да предизвика сънливост или световъртеж.

2.2. Елементи на етикета

Пиктограма(и) за опасност:



Сигнална дума:

Опасно

Декларация(и) за опасност:

Може да бъде корозивно за металите. (H290)
Вреден при поглъщане. (H302)
Предизвиква дразнене на кожата. (H315)
Предизвиква сериозно увреждане на очите. (H318)
Може да предизвика сънливост или световъртеж. (H336)

Декларация(и) за безопасност:

Общи:

Не е приложимо.

Предотвратяване:

Да се измие ръце и открити части на кожата старателно след употреба. (P264)
Използвайте защита на очите/защитни ръкавици/защитно облекло. (P280)

Отговор:

ПРИ КОНТАКТ С ОЧИТЕ: промивайте внимателно с вода в продължение на няколко минути. Свалете контактните лещи, ако има такива и доколкото това е възможно. Продължете с изплакването. (P305+P351+P338)
Попийте разлятото, за да се предотвратят материални вреди. (P390)

Съхранение:

Да се съхранява в съд с устойчива вътрешна облицовка. (P406)

Изхвърляне:

Съдържанието/съдът да се изхвърли в съответствие с мест местната родната уредба (P501)

Идентичност на веществата, основно отговорни за най-големите опасности за здравето:

разтвор на водороден пероксид 35%

Допълнително етикиране:

UFI: KWY8-NP0S-J88H-EC1G

Етикетирание на съдържанието съгласно Регламент 648/2004 за детергентите (приложимо за опаковки на детергенти, продавани на широката общественост):

≥ 30%

· Кислородни повърхностноактивни вещества за избелване

2.3. Други опасности

Допълнителни предупреждения:

Тази смес/продукт не съдържа вещества, считани за отговарящи на критерии, класифициращи ги като PBT и/или vPvB.

Този продукт не съдържа вещества, които се считат за разрушаващи ендокринната система в съответствие с критериите, определени в Делегиран регламент (ЕС) № 2017/2100 на Комисията или Регламент на Комисията (ЕС) № 2023/707.

РАЗДЕЛ 3: СЪСТАВ/ИНФОРМАЦИЯ ЗА СЪСТАВКИТЕ

3.1. Вещества

Не е приложимо. Този продукт е смес.

3.2. Смеси

Продукт/ингредиент	Идентификатори	% w/w	Класификация	Забележка
разтвор на водороден пероксид 35%	CAS №: 7722-84-1 EO №: 231-765-0 REACH: 01-2119485845-22-XXXX Индекс №: 008-003-00-9	30-50%	Ox. Liq. 1, H271 Acute Tox. 4, H302 Skin Corr. 1A, H314 (SCL: 70,00 %) Skin Corr. 1B, H314 (SCL: 50,00 %) Skin Irrit. 2, H315 (SCL: 35,00 %) Eye Dam. 1, H318 (SCL: 8,00 %) Eye Irrit. 2, H319 (SCL: 5,00 %) Acute Tox. 4, H332 STOT SE 3, H336 (SCL: 35,00 %)	

Вижте пълния текст на H-фразите в раздел 16. Ограниченията за излагане в работна среда са посочени в раздел 8, ако същите са налични.

Друга информация

-

РАЗДЕЛ 4: МЕРКИ ЗА ПЪРВА ПОМОЩ

4.1. Описание на мерките за първа помощ

Обща информация:

В случай на инцидент: Свържете се с лекар или отдел за произшествия - вземете етикета или този информационен лист за безопасност.

Свържете се с лекар, ако имате съмнения относно състоянието на пострадалия или ако симптомите продължават. Никога не давайте на човек в безсъзнание вода или други подобни.

Вдишване:

При проблеми с дишането или дразнене на дихателните пътища: При проблеми с дишането или дразнене на дихателните пътища: Отведете лицето на чист въздух и да останете с него.

Контакт с кожата:

ПРИ КОНТАКТ С КОЖАТА: Измийте обилно с вода/вода и сапун.

Свалете замърсеното облекло и обувки. Кожата, която е влязла в контакт с материала трябва да се измие обилно с вода и сапун. НЕ използвайте разтворители и разреждатели.

При поява на кожно дразнене: Потърсете медицински съвет/помощ.

Контакт с очите:

ПРИ КОНТАКТ С ОЧИТЕ: Изплакнете обилно очите с вода или солена вода (20-30 °C) в продължение на най-малко 30 минути и продължете докато дразненето спре. Свалете контактните лещи. Уверете се, че сте изплакнали под горния и долния клепач. Незабавно потърсете лекарска помощ и продължете да промивате по време на транспортиране.

Поглъщане:

ПРИ ПОГЛЪЩАНЕ: при неразположение се обадете в ЦЕНТЪР ПО ТОКСИКОЛОГИЯ/доктор.
Изплакнете устата.

Изгаряния:

Не е приложимо.

4.2. Най-съществени остри и настъпващи след известен период от време симптоми и ефекти

Продуктът съдържа вещества, които могат да причинят тежко увреждане на очите. Контакт с тези вещества може да доведе до необратим ефект върху очите/тежко увреждане на очите.

4.3. Указание за необходимостта от всякакви неотложни медицински грижи и специално лечение

ПРИ явна или предполагаема експозиция:
Незабавно потърсете медицински съвет/помощ.

Информация за медици

Носете този информационен лист за безопасност или етикета на продукта с вас.

РАЗДЕЛ 5: ПРОТИВОПОЖАРНИ МЕРКИ

5.1. Пожарогасителни средства

Не е приложимо.

5.2. Особени опасности, които произтичат от веществото или сместа

Пожарът ще доведе до гъст дим. Излагането на катаболитни продукти може да увреди вашето здраве. Затворени контейнери, които са изложени на огън, трябва да се охлаждат с вода. Не позволявайте пожарогасителна вода да тече в канализацията и други водни течения.

5.3. Съвети за пожарникарите

Носете автономен дихателен апарат и защитно облекло за предпазване от контакт.

РАЗДЕЛ 6: МЕРКИ ПРИ АВАРИЙНО ИЗПУСКАНЕ

6.1. Лични предпазни мерки, предпазни средства и процедури при спешни случаи

Да се избягва пряк контакт с разлети вещества.
Осигурете адекватна вентилация, особено в затворени помещения.
Избягвайте вдишване на изпарения от отпадъчните материали.
Замърсените зони могат да бъдат хлъзгави.

6.2. Предпазни мерки за опазване на околната среда

Избягвайте изтичането в езера, потоци, канали и т.н.
Дръжте неупълномощени лица далеч от разлива

6.3. Методи и материали за ограничаване и почистване

Разливът да се ограничи и събере с помощта на незапалими абсорбиращи материали, напр. пясък, пръст, вермикулит или инфузорна пръст и да се постави в контейнер за изхвърляне съгласно местните разпоредби.
Почишването трябва да се направи доколкото е възможно като се използват обикновени почистващи препарати. Разтворители трябва да бъдат избягвани.

6.4. Позоваване на други раздели

Вижте раздел 13 "Обезвреждане на отпадъците" по отношение на обработката на отпадъците.
Вижте раздел 8 "Контрол на експозицията/лични предпазни средства" за защитни мерки.

РАЗДЕЛ 7: РАБОТА И СЪХРАНЕНИЕ

7.1. Предпазни мерки за безопасна работа

Да се избягва пряк контакт с продукта.

Пушенето, консумацията на храна или течности, както и съхранението на тютюн, храна или течности, не са позволени в работните помещения.

Вижте раздел "Контрол на експозицията/лични предпазни средства" за информация за лична защита.

7.2. Условия за безопасно съхраняване, включително несъвместимости

Контейнерите, които са били отворяни, трябва внимателно да се запечатат отново и да се съхраняват в изправено положение, за да не се допусне разлив.

Да се съхранява в съд с устойчива вътрешна облицовка.

Съвместимостта на опаковките:

Да се съхранява само в оригиналната опаковка.

Условия за съхранение:

Сухо, хладно и добре проветрено

Несъвместими материали:

Да се съхранява само в оригиналната опаковка.

7.3. Специфична(и) крайна(и) употреба(и)

Този продукт трябва да се използва само за приложения, описани в раздел 1.2.

РАЗДЕЛ 8: КОНТРОЛ НА ЕКСПОЗИЦИЯТА/ЛИЧНИ ПРЕДПАЗНИ СРЕДСТВА

8.1. Параметри на контрол

разтвор на водороден пероксид 35%

Гранични стойности (8 часа) (mg/m³): 1,5

Наредба № 13 от 2003 г. за защита на работещите от рискове, свързани с експозиция на химични агенти при работа

DNEL

разтвор на водороден пероксид 35%

Продължителност:	Маршрут на експозиция:	DNEL:
Дълготрайна - локални ефекти - работници	Вдишване	1.4 mg/m ³
Дълготрайна - локални ефекти - цялото население	Вдишване	0,21 mg/m ³
Дълготрайна - локални ефекти - цялото население	Вдишване	210 µg/m ³
Краткотрайна - локални ефекти - работници	Вдишване	3 mg/m ³
Краткотрайна - локални ефекти - цялото население	Вдишване	1.93 mg/m ³

PNEC

разтвор на водороден пероксид 35%

Маршрут на експозиция:	Продължителност на излагане:	PNEC:
Морска вода		0,047 mg/L
Морска вода		12.6 µg/L
Морска вода утайки		0,047 mg/L
Морска вода утайки		47 µg/kg
Периодично изпускане (сладководна среда)		13.8 µg/L
Почва		0,023 mg/kg
Почва		1.9 µg/kg

Пречиствателна станция за отпадни води		466 mg/L
Сладководна среда		0,0126 mg/L
Сладководна среда		12.6 µg/L
Сладководна среда утайки		0,047 mg/kg
Сладководна среда утайки		47 µg/kg

8.2. Контрол на експозицията

Спазването на посочените стойности на ограничения на излагане трябва да се проверява редовно.

Общи препоръки:

Пушенето, консумацията на храна или течности, както и съхранението на тютюн, храна или течности, не са позволени в работните помещения.

сценариите на експозиция:

За този продукт няма въведени сценарии при излагане.

Граници на експозиция:

Търговските потребители са обхванати от правилата на действащото екологично законодателство за максимални концентрации за излагане. Вижте праговете стойности за работна хигиена по-горе.

Подходящи технически мерки:

Образуването на пара трябва да бъде минимално и под текущите гранични стойности (вижте по-горе). Препоръчва се монтиране на локална изпускателна система, ако обичайният въздушен поток в помещението е недостатъчен. Осигурете ясно маркиране на пунктовете за спешна промивка на очи и душовете.

Станциите за промивка на очите и аварийни душове трябва да са леснодостъпни.

При употреба на продукта прилагайте стандартни предпазни мерки. Избягвайте вдишване на парите.

Мерки за лична хигиена:

Свалете замърсеното облекло и го изперете преди повторна употреба.

Мерки за предотвратяване на екологична експозиция:

Няма специфични изисквания.

Индивидуални мерки за защита като например лични предпазни средства

Общо:

Да се използва само защитно оборудване със СЕ маркировка.

Оборудване за дишане:

Работна ситуация	Тип	Клас	Цвят	Стандарти	
Когато съществува опасност от образуване на мъгла/аерозол	цяла маска			EN136	

Защита на кожата:

Препоръчано	Тип/Категория	Стандарти	
Трябва да се използва специално работно облекло	-	-	

Защита на ръцете:

Работна ситуация	Материал	Минимална дебелина на слоя (мм)	Период на издръжливост (минути)	Стандарти	
При продължително излагане или високи концентрации	Нитрилна гума	0,4	> 480	EN374-2, EN16523-1, EN388	
При продължително излагане или високи концентрации	бутил гума	0,7	> 480	EN374-2, EN16523-1, EN388, EN421	

Защита на очите:

Тип	Стандарти	
Носете предпазни очила със странични предпазители.	EN166	

РАЗДЕЛ 9: ФИЗИЧНИ И ХИМИЧНИ СВОЙСТВА

9.1. Информация относно основните физични и химични свойства

Форма:

Течност

Цвят:

Безцветен

Мирис / Граница на мириса (ppm):

Характерен

pH:

2.5

Плътност (g/cm³):

1,1 (20 °C)

Кинематичен вискозитет:

Няма налични данни.

Характеристики на частиците:

Не се прилага за течности.

Фазови промени

Точка на топене/точка на замръзване (°C):

Няма налични данни.

Точката/интервалът на размекване (°C):

Не се прилага за течности.

Точка на кипене (°C):

100

Парно налягане:

Няма налични данни.

Относителна плътност на парите :

Няма налични данни.

Температура на разлагане (°C):

Няма налични данни.

Данни за опасности от пожар и експлозия

Точка на запалване (°C):

Няма налични данни.

Запалимост (°C):

Няма налични данни.

Температура на самозапалване (°C):

Няма налични данни.

Граници на експлозия (Обем %):

Няма налични данни.

Разтворимост

Разтворимост във вода:

Напълно разтворимо

коефициент на n-октанол/вода (LogKow):

Няма налични данни.

Разтворимост в мазнини (г/л):

Няма налични данни.

9.2. Друга информация

Други физични и химични параметри:

Няма налични данни.

Оксидиращи свойства:

Няма налични данни.

РАЗДЕЛ 10: СТАБИЛНОСТ И РЕАКТИВНОСТ

10.1. Реактивност

Няма налични данни.

10.2. Химична стабилност

Продуктът е стабилен при условията, отбелязани в раздел 7 "Работа и съхранение".

10.3. Възможност за опасни реакции

Никой познат.

10.4. Условия, които трябва да се избягват

Никой познат.

10.5. Несъвместими материали

Да се съхранява само в оригиналната опаковка.

10.6. Опасни продукти на разпадане

При нормални условия на съхранение и употреба не трябва да се образуват опасни продукти на разпадане.

РАЗДЕЛ 11: ТОКСИКОЛОГИЧНА ИНФОРМАЦИЯ

11.1. Информация за класовете на опасност, определени в Регламент (ЕО) № 1272/2008

Остра токсичност

Продукт/ингредиент	разтвор на водороден пероксид 35%
Видове:	Плъх
Маршрут на експозиция:	Орално
Изпитване:	LD50

Резултат: 1.193 - 1.270 mg/L

Продукт/ингредиент: разтвор на водороден пероксид 35%
Видове: Заек
Маршрут на експозиция: Дермално
Изпитване: LD50
Резултат: >2.000 (35% oplossing) mg/kg

Вреден при поглъщане.

Корозия/дразнене на кожата

Продукт/ингредиент: iT.34 laundry stainremover pro active oxygen
Резултат: Наблюдавани са неблагоприятни ефекти (Дразнещ)

Продукт/ингредиент: разтвор на водороден пероксид 35%
Резултат: Наблюдавани са неблагоприятни ефекти (Дразнещ)

Предизвиква дразнене на кожата.

Сериозно увреждане/дразнене на очите

Продукт/ингредиент: iT.34 laundry stainremover pro active oxygen
Резултат: Наблюдавани са неблагоприятни ефекти (Предизвиква сериозно увреждане на очите)

Продукт/ингредиент: разтвор на водороден пероксид 35%
Резултат: Наблюдавани са неблагоприятни ефекти (Предизвиква сериозно увреждане на очите)

Предизвиква сериозно увреждане на очите.

Респираторна сенсibiliзация

Продукт/ингредиент: разтвор на водороден пероксид 35%
Резултат: Не са наблюдавани неблагоприятни ефекти (не сенсibiliзиращи)

Въз основа на наличните данни не са изпълнени критериите за класификация.

Кожна сенсibiliзация

Въз основа на наличните данни не са изпълнени критериите за класификация.

Мутагенност на зародишните клетки

Въз основа на наличните данни не са изпълнени критериите за класификация.

Канцерогенност

Продукт/ингредиент: разтвор на водороден пероксид 35%
Заклучение: Не са наблюдавани неблагоприятни ефекти

Въз основа на наличните данни не са изпълнени критериите за класификация.

Репродуктивна токсичност

Продукт/ингредиент: разтвор на водороден пероксид 35%
Заклучение: Не са наблюдавани неблагоприятни ефекти

Въз основа на наличните данни не са изпълнени критериите за класификация.

STOT-еднократна експозиция

Може да предизвика сънливост или световъртеж.

STOT-повтаряща се експозиция

Въз основа на наличните данни не са изпълнени критериите за класификация.

Опасност при вдишване

Продукт/ингредиент: разтвор на водороден пероксид 35%
Въз основа на наличните данни не са изпълнени критериите за класификация.

11.2. Информация за други опасности

Дългосрочни ефекти

Продуктът съдържа вещества, които могат да причинят тежко увреждане на очите. Контакт с тези вещества може да доведе до необратим ефект върху очите/тежко увреждане на очите.

Свойства, нарушаващи функциите на ендокринната система

Тази смес/този продукт не съдържа вещества, за които се счита, че имат вредно въздействие върху хормоните по отношение на здравето.

Друга информация

разтвор на водороден пероксид 35%: Веществото е класифицирано като група 3 от IARC.

РАЗДЕЛ 12: ЕКОЛОГИЧНА ИНФОРМАЦИЯ

12.1. Токсичност

Продукт/ингредиент	разтвор на водороден пероксид 35%
Видове:	Риби, <i>Pimephales promelas</i>
Продължителност:	96 часа
Изпитване:	LC50
Резултат:	16,4 mg/L

Продукт/ингредиент	разтвор на водороден пероксид 35%
Видове:	Риби, <i>Leuciscus idus</i>
Продължителност:	72 часа
Изпитване:	LC50
Резултат:	35 mg/L

Продукт/ингредиент	разтвор на водороден пероксид 35%
Видове:	Риби, <i>Oncorhynchus mykiss</i>
Продължителност:	7 дни
Изпитване:	LC50
Резултат:	38,5 mg/L

Продукт/ингредиент	разтвор на водороден пероксид 35%
Видове:	<i>Daphnia pulex</i>
Продължителност:	48 часа
Изпитване:	EC50
Резултат:	2,4 mg/L

Продукт/ингредиент	разтвор на водороден пероксид 35%
Видове:	<i>Daphnia magna</i>
Продължителност:	24 часа
Изпитване:	EC50
Резултат:	7,7 mg/L

Продукт/ингредиент	разтвор на водороден пероксид 35%
Видове:	<i>Skeletonema costatum</i>
Продължителност:	72 часа
Изпитване:	EC50
Резултат:	1,38 mg/L

Продукт/ингредиент	разтвор на водороден пероксид 35%
Метод за изпитвания:	ОИСП 209
Видове:	Бактерии
Сфера от околната среда:	Станция за активна утайка
Продължителност:	30 minutes
Изпитване:	EC50
Резултат:	466 mg/L

Продукт/ингредиент	разтвор на водороден пероксид 35%
Метод за изпитвания:	ОИСП 209
Видове:	Бактерии
Сфера от околната среда:	Станция за активна утайка
Продължителност:	3 часа
Изпитване:	EC50
Резултат:	> 1.000 mg/L

Въз основа на наличните данни не са изпълнени критериите за класификация.

12.2. Устойчивост и разградимост

Продукт/ингредиент	разтвор на водороден пероксид 35%
Заключение:	Пряка биоразградимост

12.3. Биоакмулираща способност

Продукт/ингредиент	разтвор на водороден пероксид 35%
LogKow:	-1,57
Заключение:	-

12.4. Преносимост в почвата

Няма налични данни.

12.5. Резултати от оценката на PBT и vPvB

Тази смес/продукт не съдържа вещества, считани за отговарящи на критерии, класифициращи ги като PBT и/или vPvB.

12.6. Свойства, нарушаващи функциите на ендокринната система

Продукт/ингредиент	iT.34 laundry stainremover pro active oxygen
Заключение:	Не са наблюдавани неблагоприятни ефекти

Тази смес/този продукт не съдържа вещества, за които се счита, че имат свойства, нарушаващи функциите на ендокринната система, по отношение на околната среда.

12.7. Други неблагоприятни ефекти

Никой познат.

РАЗДЕЛ 13: ОБЕЗВРЕЖДАНЕ НА ОТПАДЪЦИТЕ

13.1. Методи за третиране на отпадъци

Продуктът е включен в разпоредбите за опасни отпадъци. (*)

HP 6 - Остра токсичност

HP 8 - Корозивни

Съдържанието/съдът да се изхвърли в одобрено съоръжение за изхвърляне на отпадъци.

Регламент (ЕС) № 1357/2014 на Комисията от 18 декември 2014 относно отпадъците.

EWC код:

20 01 29* детергенти, съдържащи опасни вещества

Замърсени опаковки

Опаковки, които съдържат остатъци от продукта трябва да се изхвърлят по същия начин както продукта.

РАЗДЕЛ 14: ИНФОРМАЦИЯ ОТНОСНО ТРАНСПОРТИРАНЕТО

	14.1 ООН	14.2 Точно наименование	14.3 Клас(ове) на опасност при транспортиране	14.4 PG*	14.5. Env**	Друга информац ия:
ADR	UN2014	ВОДОРОДЕН ПЕРОКСИД, ВОДЕН РАЗТВОР с не по-малко от 20%, но не повече от 60% водороден пероксид (стабилизиран при необходимост)	Клас: 5.1 Етикети: 5.1+8 Класификационен код: OC1  	II	Не	Ограничен и количества : 1 L Транспорт на категория: (E) Вижте по- долу за допълните лна информац ия.
IMDG	UN2014	HYDROGEN PEROXIDE, AQUEOUS SOLUTION with not less than 20% but not more than 60% hydrogen peroxide (stabilized as necessary)	Клас: 5.1 Етикети: 5.1+8 Класификационен код: OC1  	II	Не	Ограничен и количества : 1 L EmS: F-H S- Q Вижте по- долу за допълните лна информац ия.
IATA	UN2014	HYDROGEN PEROXIDE, AQUEOUS SOLUTION with not less than 20% but not more than 60% hydrogen peroxide (stabilized as necessary)	Клас: 5.1 Етикети: 5.1+8 Класификационен код: OC1  	II	Не	Вижте по- долу за допълните лна информац ия.

* Опаковъчна група

** Опасности за околната среда

Допълнителна информация

Този продукт е обхванат от конвенциите за опасни стоки.

ADR / Вж. Таблица А, раздел 3.2.1 за информация относно специални разпоредби, изисквания или предупреждения във връзка с транспорта. Вижте раздел 5.4.3 за писмени инструкции относно намаляването на щети във връзка с инциденти или злоупотреки по време на транспорт.

IMDG / Вж. раздел 3.2.1 за информация относно специални разпоредби, изисквания или предупреждения във връзка с транспорта.

IATA / Вж. Таблица 4.2, за информация относно специални разпоредби, изисквания или предупреждения във връзка с транспорта.

14.6. Специални предпазни мерки за потребителите

Не е приложимо.

14.7. Морски транспорт на товари в насипно състояние съгласно инструменти на Международната морска организация

Няма налични данни.

РАЗДЕЛ 15: ИНФОРМАЦИЯ ОТНОСНО НОРМАТИВНАТА УРЕДБА

15.1. Специфични за веществото или сместа нормативна уредба/законодателство относно безопасността, здравето и околната среда

Ограничения за приложение:

Само за професионална употреба.

Търсене за конкретно образование:

Няма специфични изисквания.

SEVESO - КАТЕГОРИИ НА ОПАСНОСТ / ПОИМЕННО ПОСОЧЕНИ ОПАСНИ ВЕЩЕСТВА:

Не е приложимо.

Регламент за прекурсори на взривни вещества:

разтвор на водороден пероксид 35% (Приложение I)

Етикетиране на съдържанието съгласно Регламент 648/2004 за детергентите:

≥ 30%

· Кислородни повърхностноактивни вещества за избелване

Допълнителна информация:

Не е приложимо.

Източници:

НАРЕДБА № 6 ОТ 24 ЮЛИ 2006 Г. ЗА УСЛОВИЯТА И РЕДА ЗА ДАВАНЕ НА РАЗРЕШЕНИЯ ЗА РАБОТА НА ЛИЦА, НЕНАВЪРШИЛИ 18 ГОДИНИ.

Регламент (ЕО) № 648/2004 на Европейския парламент и на Съвета от 31 март 2004 година относно детергентите.

Регламент (ЕС) № 1357/2014 на Комисията от 18 декември 2014 относно отпадъците.

Регламент (ЕО) № 2019/1148 за прекурсори на взривни вещества.

Регламент (ЕО) № 1272/2008 на Европейския парламент и на Съвета от 16 декември 2008 година относно класифицирането, етикетирането и опаковането на вещества и смеси (CLP).

Регламент (ЕО) № 1907/2006 на Европейския парламент и на Съвета от 18 декември 2006 година относно регистрацията, оценката, разрешаването и ограничаването на химикали (REACH).

15.2. Оценка на безопасността на химично вещество или смес

Не

РАЗДЕЛ 16: ДРУГА ИНФОРМАЦИЯ

Пълният текст на H-фразите са посочени в раздел 3

H271, Може да предизвика пожар или експлозия; силен окислител.

H302, Вреден при поглъщане.

H314, Причинява тежки изгаряния на кожата и сериозно увреждане на очите.

H315, Предизвиква дразнене на кожата.

H318, Предизвиква сериозно увреждане на очите.

H319, Предизвиква сериозно дразнене на очите.

H332, Вреден при вдишване.

H336, Може да предизвика сънливост или световъртеж.

Съкращения и акроними

ADN = Европейско споразумение за международен превоз на опасни товари по вътрешни водни пътища

ADR = Европейска спогодба за международен превоз на опасни товари по шосе

ATE = Оценка на острата токсичност
BCF = Фактор на биоконцентрация
CAS = Химическа реферативна служба
CE = Сценарий на експозиция
CLP = Регламент за класифицирането, етикетирането и опаковането [Регламент (ЕО) №1272/2008]
CSA = Оценка за безопасност на химично вещество
CSR = Доклад за безопасност на химично вещество
DMEL = Изчислено ниво с минимален ефект
DNEL = Изчислено ниво без ефект
EINECS = Европейски инвентаризационен списък на съществуващите търговски химични вещества
EUH statement = CLP предупреждение за специфична опасност
EuPCS = Европейска система за категоризация на продукти
EWC = Европейски каталог на отпадъците
GHS = Глобална хармонизирана система за класифициране и етикетиране на химични вещества
IATA = Международна асоциация за въздушен транспорт
IBC = Средноголям контейнер за насипен товар
IMDG = Международен превоз на опасни товари по море
LogPow = Логаритъм от коефициента на разпределение октанол/вода
MARPOL 73/78 = Международна конвенция за предотвратяване замърсяването от кораби, 1973, изменена с протокол от 1978 г. ("Магпол" = замърсяване на морските води)
ОИСР = Организация за Икономическо Сътрудничество и Развитие
ОН = Обединени нации
ПГЗ = Потенциалът за глобално затопляне
PBT = Устойчиво, биоакмулиращо и токсично
PNEC = Изчислена концентрация без ефект
RID = Разпоредби за международен превоз на опасни товари с железопътен транспорт
RRN = Регистрационен номер съгласно REACH
SCL = специфична пределна концентрация.
STOT-RE = Специфична токсичност за определен орган - многократна експозиция
STOT-SE = Специфична токсичност за определен орган - еднократна експозиция
SVHC = Вещества, предизвикващи сериозно безпокойство
TWA = Средна премерена във времето
UVCB = вещества с неизвестен или променлив състав, продукти от сложни реакции или биологични материали.
ЛОС = Летливо органично съединение
vPvB = Много устойчиво и много биоакмулиращо

Допълнителна информация

Класификацията на сместа по отношение на рискове за здравето е извършена съгласно методите за изчисление, упоменати в Регламент (ЕО) № 1272/2008 (CLP).

Информационният лист за безопасност е потвърден от Quality & Compliance

Други

Промяната (пропорционално на последната съществена промяна (първи шифър в SDS версия)) се отбелязва със триъгълник.

Информацията в този информационен лист за безопасност се отнася само за този конкретен продукт (посочен в раздел 1) и не е задължително да се коригира за използване на други химикали/продукти.

Препоръчително е този информационен лист за безопасност да се предаде на действителния потребител на продукта. Информацията в този информационен лист за безопасност не може да се използва като спецификация на продукта.

Държава-език: BG-bg

FICHA COM DADOS DE SEGURANÇA

iT.34 laundry stainremover pro active oxygen

SEÇÃO 1: IDENTIFICAÇÃO DO PRODUTO E DA EMPRESA

1.1. Identificação do produto

Nome comercial:

iT.34 laundry stainremover pro active oxygen

1.2. Utilizações identificadas relevantes da substância ou mistura e utilizações desaconselhadas

Usos identificados relevantes da substância ou mistura:

Detergentes e agentes de limpeza (incluindo os à base de solvente)

Somente para uso de profissionais.

Utilizações desaconselhadas:

Nenhum conhecido.

1.3. Identificação do fornecedor da ficha de informações de segurança de produto químico

Empresa e endereço:

Hygeniq B.V.

Postbus 618

7500 AP Enschede

The Netherlands

+31 53 4282860

+31 53 5393865

www.hygeniq.com

E-mail:

info@hygeniq.com

Revisão:

15/08/2025

Versão FDS:

1.0

1.4. Número de telefone para emergências

Tel (ambulância): 192 Consultar a seção 4 "Medidas de primeiros socorros"

SEÇÃO 2: IDENTIFICAÇÃO DE PERIGOS

Classificado de acordo com a ABNT NBR 14725:2023.

2.1. Classificação da substância ou mistura

Met. Corr. 1; H290, Pode ser corrosivo para os metais.

Acute Tox. 4; H302, Prejudicial se for engolido.

Skin Irrit. 2; H315, Provoca irritação à pele.

Eye Dam. 1; H318, Provoca lesões oculares graves.

STOT SE 3; H336, Pode provocar sonolência ou vertigem.

2.2. Elementos de rotulagem

Pictograma(s) de perigo:



Palavra(s) de advertência:

Perigo

Frase(s) de perigo:

Pode ser corrosivo para os metais. (H290)
Prejudicial se for engolido. (H302)
Provoca irritação à pele. (H315)
Provoca lesões oculares graves. (H318)
Pode provocar sonolência ou vertigem. (H336)

Recomendação(ões) de Prudência:

Geral:

Não aplicável.

Prevenção:

Lavar mãos e pele exposta cuidadosamente após o manuseio. (P264)
Use luvas de protecção ocular/luvas de protecção/vestuário de protecção. (P280)

Resposta:

EM CASO DE CONTATO COM OS OLHOS: Enxágua cuidadosamente com água durante vários minutos. No caso de uso de lentes de contato, remova-as, se for fácil. Continue a enxaguando. (P305+P351+P338)
Absorva o produto derramado a fim de evitar danos materiais. (P390)

Armazenamento:

Armazene num recipiente resistente á corrosão com um revestimento interno resistente. (P406)

Eliminação:

Eliminar o conteúdo/recipiente Em conformidade com os regulamentos locais (P501)

Identificação das substâncias primariamente responsáveis pelos principais perigos para a saúde:

peróxido de hidrogénio em solução 35%; água oxigenada 35%

Rotulagem adicional:

Não aplicável.

SEÇÃO 3: COMPOSIÇÃO E INFORMAÇÕES SOBRE OS INGREDIENTES

3.1. Substâncias

Não aplicável. Este produto é uma mistura.

3.2. Misturas

Produto/Ingrediente	Identificadores	% w/w	Classificação	Notação
peróxido de hidrogénio em solução 35%; água oxigenada 35%	N.º CAS: 7722-84-1 N.º CE: 231-765-0	30-50%	Ox. Liq. 1, H271 Acute Tox. 4, H302 Skin Corr. 1A, H314 (SCL: 70,00 %) Skin Corr. 1B, H314 (SCL: 50,00 %) Skin Irrit. 2, H315 (SCL: 35,00 %) Eye Dam. 1, H318 (SCL: 8,00 %) Eye Irrit. 2, H319 (SCL: 5,00 %) Acute Tox. 4, H332 STOT SE 3, H336 (SCL: 35,00 %)	

Consultar texto integral de advertências de perigo na seção 16. Limites de exposição ocupacionais enumerados na seção 8, se estes se encontrarem disponíveis.

Outras informações

-

SEÇÃO 4: MEDIDAS DE PRIMEIROS SOCORROS

4.1. Descrição das medidas de primeiros socorros

Informação Geral:

Em caso de acidente: Contate um médico ou serviço de urgência - leve a etiqueta ou esta ficha de dados de segurança.

Contate um médico se tiver dúvidas sobre o estado de uma pessoa ferida ou se os sintomas perdurarem. Nunca ofereça dê água ou semelhante a uma pessoa inconsciente.

Inalação:

No caso de dificuldades de respiração ou irritação do sistema respiratório: Remova a pessoa para local ventilado e mantenha acompanhada

Contato com a pele:

EM CASO DE CONTATO COM A PELE: lave com água e sabão em abundância água/água e sabão.

Remova o vestuário contaminado e os sapatos. A pele que tenha estado em contacto com o material tem de ser lavada com bastante água e sabão. NÃO use solventes ou diluentes.

Em caso de irritação cutânea: consulte um médico.

Contato com os olhos:

Em caso de contato com os olhos: Lave os olhos com bastante água abundante (20-30 °C) por, pelo menos, 30 minutos e continue até que a irritação pare. Remova as lentes de contato. Lave cuidadosamente por baixo das pálpebras inferior e superior. Contate de imediato um médico. Contatar um médico de imediato e continuar a lavar durante a viagem.

Ingestão:

EM CASO DE INGESTÃO: Caso sinta indisposição, contacte um CENTRO DE INFORMAÇÃO ANTIVENENOS/médico. Enxágua a boca.

Queimaduras:

Não aplicável.

4.2. Sintomas e efeitos mais importantes, tanto agudos como retardados

O produto contém substâncias que causam lesões oculares graves. O contato com essas substâncias pode causar efeitos irreversíveis nos olhos / lesões oculares graves.

4.3. Indicações sobre cuidados médicos urgentes e tratamentos especiais necessários

EM CASO DE exposição ou suspeita de exposição:

Consulte imediatamente um médico.

Notas para omédico

Leve esta folha de informações de segurança de produto químicos ou a etiqueta do material com você.

SEÇÃO 5: MEDIDAS DE COMBATE A INCÊNDIO

5.1. Meios de extinção

Não aplicável.

5.2. Perigos específicos da substância ou mistura

No caso de fogo, pode gerar uma fumaça densa. A exposição a produtos catabólicos pode provocar a morte. Os recipientes fechados, que estão expostos ao fogo, devem ser resfriados com água. Não permita que a água usada para combater o incêndio escoa para os esgotos ou outros cursos de água.

5.3. Medidas de proteção da equipe de combate a incêndio

Use equipamento autônomo de respiração e vestuário de proteção para evitar o contacto.

SEÇÃO 6: MEDIDAS DE CONTROLE PARA DERRAMAMENTO OU VAZAMENTO

6.1. Precauções pessoais, equipamento de proteção e procedimentos de emergência

Evite o contato direto com as substâncias derramadas.

Assegurar uma ventilação adequada, especialmente em áreas confinadas.

Evite a inalação de vapores do material residual.

As áreas contaminadas podem ser escorregadias.

6.2. Precauções ao meio ambiente

Evite a descarga em lagos, correntes de água, esgotos, etc.

Mantenha as pessoas não autorizadas longe do derrame

6.3. Métodos e materiais para a contenção e limpeza

Contenha e recolha produtos derramados com material não combustível e absorvente, por exemplo, areia, terra, vermiculite ou terra de diatomáceas e coloque num recipiente para eliminação de acordo com os regulamentos locais.

Deve ser feita uma limpeza, tanto quanto possível, usando agentes de limpeza normais. Evitar o uso de solventes.

6.4. Remissão para outras secções

Consulte a seção 13 "Considerações relativas à eliminação" para o manuseio de resíduos.

Consulte a seção 8 "controle da exposição/Proteção individual" para medidas preventivas.

SEÇÃO 7: MANUSEIO E ARMAZENAMENTO

7.1. Precauções para manuseio seguro

Evite o contato direto com o produto.

Fumar, consumir alimentos ou líquidos e armazenar tabaco, alimentos ou líquidos, não é permitido nas salas de trabalho.

Consulte a seção "controle da exposição/Proteção individual" para informação sobre proteção pessoal.

7.2. Condições de armazenamento seguro, incluindo qualquer incompatibilidade

Os recipientes abertos devem ser cuidadosamente fechados novamente e mantidos na vertical para impedir vazamentos.

Armazene num recipiente resistente à corrosão com um revestimento interno resistente.

Compatibilidade das embalagens:

Mantenha sempre o produto na sua embalagem original.

Condições de armazenamento:

Ambiente seco, fresco e bem ventilado

Materiais incompatíveis:

Mantenha sempre o produto na sua embalagem original.

7.3. Utilização(ões) final(is) específica(s)

Este produto apenas deve ser usado para as aplicações descritas na seção 1.2.

SEÇÃO 8: CONTROLE DE EXPOSIÇÃO E PROTEÇÃO INDIVIDUAL

8.1. Parâmetros de controle

Este produto não contém quaisquer substâncias constantes da lista brasileira de substâncias com limite de exposição profissional.

8.2. Medidas de controle de engenharia

Aplique controle geral para evitar exposição desnecessária.

Recomendações gerais:

Fumar, consumir alimentos ou líquidos e armazenar tabaco, alimentos ou líquidos, não é permitido nas salas de trabalho.

Cenários de exposição:

Não existem cenários de exposição para este produto.

Limites de exposição:

Não existem quaisquer limites de exposição máximos para as substâncias constantes neste produto.

Medidas técnicas apropriadas:

Certifique-se de que as estações de lavagem ocular e os chuveiros de segurança estão localizados a uma curta distância.

Aplicar as precauções padrão quando utilizar o produto. Evitar a inalação de vapores.

Medidas de higiene:

Retirar a roupa contaminada e lave-a antes de usá-la novamente

Medidas para evitar a exposição ambiental:

Sem requisitos específicos.

Medidas de proteção Pessoal

Geralmente:

Usar apenas equipamento de proteção com a marcação 'CA'.

Equipamento respiratórios:

Situação de trabalho	Tipo	Classe	Cor	Normas	
Quando há risco de formação de névoa/aerossol	Máscara completa			EN136	

Proteção da pele:

Recomendado	Tipo/Categoria	Normas	
Vestimentos próprios para uso exclusivo	-	-	

Proteção das mãos:

Situação de trabalho	Material	Espessura mínima da capa (mm)	Pausa através do tempo (min.)	Normas	
Em casos de exposição prolongada ou concentrações altas	Borracha nitrílica	0,4	> 480	EN374-2, EN16523-1, EN388	
Em casos de exposição prolongada ou concentrações altas	Luvas butílicas	0,7	> 480	EN374-2, EN16523-1, EN388, EN421	

Proteção dos olhos:

Tipo	Normas	
Utilizar óculos de segurança com proteção lateral.	EN166	

SEÇÃO 9: PROPRIEDADES FÍSICAS E QUÍMICAS

9.1. Informações sobre propriedades físicas e químicas de base

Aspecto:

Líquido

Cor:

Sem cor

Odor / Limite de odor (ppm):

Característico

pH:

2.5

Densidade (g/cm³):

1,1 (20 °C)

Viscosidade:

Nenhum dado disponível.

Características das partículas:

Não se aplica aos líquidos.

Alterações da fase

Ponto de fusão/ponto de congelação (°C):

Nenhum dado disponível.

Ponto/intervalo de amolecimento (°C):

Não se aplica aos líquidos.

Ponto de ebulição (°C):

100

Pressão de vapor:

Nenhum dado disponível.

Densidade relativa do vapor:

Nenhum dado disponível.

Temperatura de decomposição (°C):

Nenhum dado disponível.

Dados sobre os perigos de fogo e explosão

Ponto de fulgor (°C):

Nenhum dado disponível.

Ignição (°C):

Nenhum dado disponível.

Temperatura de autoignição (°C):

Nenhum dado disponível.

Limite inferior/superior de inflamabilidade ou explosividade (% v/v):

Nenhum dado disponível.

Solubilidade

Solubilidade na água:

Completamente solúvel

Coefficiente de partição: n-octanol/água (LogKow):

Nenhum dado disponível.

Solubilidade em gordura (g/L):

Nenhum dado disponível.

9.2. Outras informações

Outros parâmetros físicos e químicos:

Nenhum dado disponível.

Propriedades oxidantes:

Nenhum dado disponível.

SEÇÃO 10: ESTABILIDADE E REATIVIDADE

10.1. Reatividade

Nenhum dado disponível.

10.2. Estabilidade química

O produto é estável sob as condições mencionadas na seção 7 "Manuseamento e armazenagem".

10.3. Possibilidade de reações perigosas

Nenhum conhecido.

10.4. Condições a serem evitadas

Nenhum conhecido.

10.5. Materiais incompatíveis

Mantenha sempre o produto na sua embalagem original.

10.6. Produtos perigosos da decomposição

Em condições normais de armazenamento e uso, não devem ser gerados produtos de decomposição perigosos.

SEÇÃO 11: INFORMAÇÕES TOXICOLÓGICAS

11.1. Informações sobre as classes de perigo

Toxicidade aguda

Produto/Ingrediente	peróxido de hidrogénio em solução 35%; água oxigenada 35%
Espécie:	Rato
Via de exposição:	Oral
Teste:	LD50
Resultado:	1.193 - 1.270 mg/L

Produto/Ingrediente	peróxido de hidrogénio em solução 35%; água oxigenada 35%
Espécie:	Coelho
Via de exposição:	Dérmico
Teste:	LD50
Resultado:	>2.000 (35% oplossing) mg/kg

Prejudicial se for engolido.

Corrosão/irritação da pele

Produto/Ingrediente	iT.34 laundry stainremover pro active oxygen
Resultado:	Efeitos adversos observados (Irritante)

Produto/Ingrediente	peróxido de hidrogénio em solução 35%; água oxigenada 35%
Resultado:	Efeitos adversos observados (Irritante)

Provoca irritação à pele.

Lesões oculares graves/irritação ocular

Produto/Ingrediente	iT.34 laundry stainremover pro active oxygen
Resultado:	Efeitos adversos observados (Provoca lesões oculares graves)

Produto/Ingrediente	peróxido de hidrogénio em solução 35%; água oxigenada 35%
Resultado:	Efeitos adversos observados (Provoca lesões oculares graves)

Provoca lesões oculares graves.

Sensibilização respiratória

Produto/Ingrediente	peróxido de hidrogénio em solução 35%; água oxigenada 35%
Resultado:	Nenhum efeito adverso observado (não sensibilizando)

Com base nos dados disponíveis, não atende os critérios de classificação.

Sensibilização da pele

Com base nos dados disponíveis, não atende os critérios de classificação.

Mutagenicidade em células germinativas

Com base nos dados disponíveis, não atende os critérios de classificação.

Carcinogenicidade

Produto/Ingrediente	peróxido de hidrogénio em solução 35%; água oxigenada 35%
Conclusão:	Nenhum efeito adverso observado

Com base nos dados disponíveis, não atende os critérios de classificação.

Toxicidade à reprodução

Produto/Ingrediente	peróxido de hidrogénio em solução 35%; água oxigenada 35%
Conclusão:	Nenhum efeito adverso observado

Com base nos dados disponíveis, não atende os critérios de classificação.

Toxicidade para órgãos-alvo específicos (STOT) – exposição única

Pode provocar sonolência ou vertigem.

Toxicidade para órgãos-alvo específicos (STOT) – exposição repetida; e

Com base nos dados disponíveis, não atende os critérios de classificação.

Perigo por aspiração

Produto/Ingrediente	peróxido de hidrogénio em solução 35%; água oxigenada 35%

Com base nos dados disponíveis, não atende os critérios de classificação.

11.2. Outras informações sobre outros perigos

Efeitos a longo prazo

O produto contém substâncias que causam lesões oculares graves. O contato com essas substâncias pode causar efeitos irreversíveis nos olhos / lesões oculares graves.

Propriedades desreguladoras do sistema endócrino

Outras informações

peróxido de hidrogénio em solução 35%; água oxigenada 35%: A substância foi classificada como grupo 3 pela IARC.

SEÇÃO 12: INFORMAÇÕES ECOLÓGICAS

12.1. Ecotoxicidade

Produto/Ingrediente	peróxido de hidrogénio em solução 35%; água oxigenada 35%

Conforme ABNT NBR 14725:2023

Espécie: Peixes, Pimephales promelas
Duração: 96 horas
Teste: LC50
Resultado: 16,4 mg/L

Produto/Ingrediente: peróxido de hidrogénio em solução 35%; água oxigenada 35%
Espécie: Peixes, Leuciscus idus
Duração: 72 horas
Teste: LC50
Resultado: 35 mg/L

Produto/Ingrediente: peróxido de hidrogénio em solução 35%; água oxigenada 35%
Espécie: Peixes, Oncorhynchus mykiss
Duração: 7 dias
Teste: LC50
Resultado: 38,5 mg/L

Produto/Ingrediente: peróxido de hidrogénio em solução 35%; água oxigenada 35%
Espécie: Daphnia pulex
Duração: 48 horas
Teste: EC50
Resultado: 2,4 mg/L

Produto/Ingrediente: peróxido de hidrogénio em solução 35%; água oxigenada 35%
Espécie: Daphnia magna
Duração: 24 horas
Teste: EC50
Resultado: 7,7 mg/L

Produto/Ingrediente: peróxido de hidrogénio em solução 35%; água oxigenada 35%
Espécie: Skeletonema costatum
Duração: 72 horas
Teste: EC50
Resultado: 1,38 mg/L

Produto/Ingrediente: peróxido de hidrogénio em solução 35%; água oxigenada 35%
Método de ensaio: OCDE 209
Espécie: Bactérias
Compartimento ambiental: Instalação de Lamas Ativadas
Duração: 30 minutos
Teste: EC50
Resultado: 466 mg/L

Produto/Ingrediente: peróxido de hidrogénio em solução 35%; água oxigenada 35%
Método de ensaio: OCDE 209
Espécie: Bactérias
Compartimento ambiental: Instalação de Lamas Ativadas
Duração: 3 horas
Teste: EC50
Resultado: > 1.000 mg/L

Com base nos dados disponíveis, não atende os critérios de classificação.

12.2. Persistência e degradabilidade

Produto/Ingrediente: peróxido de hidrogénio em solução 35%; água oxigenada 35%
Conclusão: Elevada biodegradabilidade

Conforme ABNT NBR 14725:2023

12.3. Potencial bioacumulativo

Produto/Ingrediente peróxido de hidrogénio em solução 35%; água oxigenada 35%
LogKow: -1,57
Conclusão: -

12.4. Mobilidade no solo

Nenhum dado disponível.

12.7. Outros efeitos adversos

Nenhum conhecido.

SEÇÃO 13: CONSIDERAÇÕES SOBRE DESTINAÇÃO FINAL

Métodos recomendados para destinação final

Descarte o conteúdo/recipiente em a uma instalação de eliminação de resíduos aprovada.

Embalagem contaminada

As embalagens que contenham restos do produto devem ser descartadas da mesma forma que o produto.

SEÇÃO 14: INFORMAÇÕES SOBRE TRANSPORTE

	14.1 ONU	14.2 Nome apropriado para embarque	14.3 Classe/subclasse	14.4 PG*	14.5. Env**	Outras informações:
ANTT	UN2014	PERÓXIDO DE HIDROGÉNIO EM SOLUÇÃO AQUOSA contendo pelo menos 20% mas no máximo 60% de peróxido de hidrogénio (estabilizado se necessário)	Classe: 5.1 Etiquetas: 5.1+8 Código de classificação: OC1  	II	Não	Quantidades limitadas: 1 L Código de restrição em túneis: (E) Vide maiores informações abaixo.
IMDG	UN2014	HYDROGEN PEROXIDE, AQUEOUS SOLUTION with not less than 20% but not more than 60% hydrogen peroxide (stabilized as necessary)	Classe: 5.1 Etiquetas: 5.1+8 Código de classificação: OC1  	II	Não	Quantidades limitadas: 1 L EmS: F-H S-Q Vide maiores informações abaixo.
IATA	UN2014	HYDROGEN PEROXIDE, AQUEOUS SOLUTION with not less than 20% but not more than 60% hydrogen peroxide (stabilized as necessary)	Classe: 5.1 Etiquetas: 5.1+8 Código de classificação: OC1  	II	Não	Vide maiores informações abaixo.

* Grupo de embalagem

**** Perigo ao meio ambiente**

Informação adicional

Este produto se enquadra no escopo das convenções sobre mercadorias perigosas.

ANTT / Consulte a Tabela A, seção 3.2.1 para obter quaisquer informações sobre disposições especiais, requisitos ou avisos relacionados com transporte. Consulte a seção 5.4.1 para obter instruções sobre como escrever sobre atenuação de danos em relação a incidentes ou acidentes durante o transporte.

IMDG / Consulte a Seção 3.2.1 para obter quaisquer informações sobre disposições especiais, requisitos ou avisos relacionados com transporte.

IATA / Consulte a, Tabela 4.2 para obter quaisquer informações sobre disposições especiais, requisitos ou avisos relacionados com transporte.

14.6. Precauções especiais para o utilizador

Não aplicável.

SEÇÃO 15: INFORMAÇÕES SOBRE REGULAMENTAÇÕES

15.1. Regulamentação/legislação específica para a substância ou mistura em matéria de saúde, segurança e ambiente

Restrições a aplicação:

Somente para uso de profissionais.

Exigências para educação específica:

Sem requisitos específicos.

SEVESO - Categorias / Substâncias perigosas:

Não aplicável.

Informação adicional:

Não aplicável.

Fontes:

ABNT NBR 14725:2023. Produtos químicos — Informações sobre segurança, saúde e meio ambiente Parte 2: Sistema de classificação de perigo.

Leis do Trabalho – CLT e normas correlacionadas.

15.2. Avaliação da segurança química

Não

SEÇÃO 16: OUTRAS INFORMAÇÕES

O texto integral das advertências de perigo- conforme mencionado na seção 3

H271, Pode provocar incêndio ou explosão, muito comburente.

H302, Prejudicial se for engolido.

H314, Provoca queimadura severa à pele e dano aos olhos.

H315, Provoca irritação à pele.

H318, Provoca lesões oculares graves.

H319, Provoca irritação ocular grave.

H332, Nocivo se inalado.

H336, Pode provocar sonolência ou vertigem.

O texto integral dos usos identificados conforme mencionado na seção 1

Nenhum conhecido.

Abreviaturas e siglas

ABNT = Associação Brasileira de Normas Técnicas

ADR = Acordo Europeu relativo ao Transporte Internacional de Carga Perigosa por via terrestre

ANTT = Agência Nacional de Transporte Terrestre

ATE = Toxicidade Aguda Estimada
BCF = Fator de Bioconcentração
CAS = Chemical Abstracts Service
CA = Certificado de aprovação
DNEL = Nível Derivado sem Efeito
GHS = Sistema Harmonizado Globalmente para a Classificação e Rotulagem de Produtos Químicos
IATA = Associação Internacional de Transporte Aéreo
IBC = Recipiente intermediário a granel
IMDG = Transporte Marítimo Internacional de Material Perigoso
LogPow = logaritmo do octanol/coeficiente de partição da água
MARPOL = Convenção Internacional para a Prevenção da poluição por Navios, 1973 alterada pelo Protocolo de 1978.
("Marpol" = poluição da marinha)
mPmB = Muito Persistente e Muito Bioacumulável
NBR = Norma Brasileira Regulamentadora
OCDE = Organização de Cooperação e Desenvolvimento Económico
PBT = Persistente, Bioacumulável e Tóxico
PNEC = Concentração previsível sem efeito
UVBC = Composição desconhecida ou variável; contém produtos sujeitos a reação complexa ou composto de materiais biológicos.

Informação adicional

A classificação da mistura, no que diz respeito a riscos para a saúde, está em conformidade com os métodos de cálculos fornecidos pelo ABNT NBR 14725:2023.

A ficha de informações de segurança de produtos químicos é validada por

Quality & Compliance

Outro

Uma alteração (na proporção da última mudança essencial (primeira cifra na versão FDS)) está assinalada com um triângulo.

A informação constante nesta ficha de informações de segurança de produtos químicos aplica-se apenas a este produto específico (mencionado na seção 1) e não se aplica necessariamente no caso de utilização de outros químicos/produtos.

Recomenda-se a entrega desta ficha de informações de segurança de produtos químicos ao utilizador atual do produto. A informação constante nesta ficha de informações de segurança de produtos químicos não pode ser usada como uma especificação do produto.

Idioma do país: BR-pt-BR

SAFETY DATA SHEET

iT.34 laundry stainremover pro active oxygen

SECTION 1: IDENTIFICATION

1.1. Product identifier

Trade name:

iT.34 laundry stainremover pro active oxygen

1.2. Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses of the substance or mixture:

Washing and cleaning products (including solvent based products)

Restricted to professional users.

Uses advised against :

None known.

1.3. Details of the supplier of the safety data sheet

Company and address:

Hygeniq B.V.

Postbus 618

7500 AP Enschede

The Netherlands

+31 53 4282860

+31 53 5393865

www.hygeniq.com

E-mail:

info@hygeniq.com

SDS date:

8/15/2025

SDS Version:

1.0

1.4. Emergency telephone number

In an emergency call 911

Alberta / Northwestern Territories (PADIS): 1-800-332-1414

British Columbia (DPIC): 1-800-567-8911

Manitoba: 1-855-7POISON (1-855-776-4766)

New Brunswick: 911

Nova Scotia / Prince Edward Island (IWK): 1-800-565-8161

Ontario (OPC): 1-800-268-9017

Québec (CAPQ): 1-800-463-5060

Saskatchewan (PADIS): 1-866-454-1212

Yukon Territory: (867) 393-8700

Transport emergencies: Call CANUTEC at 1-888-CAN-UTEC (226-8832), 613-996-6666 or *666 on a cellular phone (24 hours)

See also section 4 "First aid measures".

SECTION 2: HAZARD(S) IDENTIFICATION

Classified as hazardous according to Hazardous Products Regulation SOR/2015-17 (as amended by SOR/2022-272).

2.1. Classification of the substance or mixture

Met. Corr. 1; H290, May be corrosive to metals.
Acute Tox. 4; H302, Harmful if swallowed.
Skin Irrit. 2; H315, Causes skin irritation.
Eye Dam. 1; H318, Causes serious eye damage.
STOT SE 3; H336, May cause drowsiness or dizziness.

2.2. Label elements

Hazard pictogram(s):



Signal word:

Danger

Hazard statement(s):

May be corrosive to metals. (H290)
Harmful if swallowed. (H302)
Causes skin irritation. (H315)
Causes serious eye damage. (H318)
May cause drowsiness or dizziness. (H336)

Precautionary statement(s):

General:

Not applicable.

Prevention:

Avoid breathing mist/vapour. (P261)
Wash hands and exposed skin thoroughly after handling. (P264)
Wear eye protection/protective gloves/protective clothing. (P280)

Response:

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.
Continue rinsing. (P305+P351+P338)
Immediately call a POISON CENTER/doctor. (P310)
Absorb spillage to prevent material damage. (P390)

Storage:

Store in a well-ventilated place. Keep container tightly closed. (P403+P233)
Store in a container with a resistant inner liner. (P406)

Disposal:

Dispose of contents/container in accordance with local regulation.
(P501)

Hazardous substances:

hydrogen peroxide

Additional labelling:

Not applicable.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substances

Not applicable. This product is a mixture.

3.2. Mixtures

Product/substance	Identifiers	% w/w	Classification	Note
hydrogen peroxide	CAS No.: 7722-84-1	30-50%	Ox. Liq. 1, H271 Acute Tox. 4, H302 Skin Corr. 1A, H314 (SCL: 70.00 %) Skin Corr. 1B, H314 (SCL: 50.00 %) Skin Irrit. 2, H315 (SCL: 35.00 %) Eye Dam. 1, H318 (SCL: 8.00 %) Eye Irrit. 2, H319 (SCL: 5.00 %) Acute Tox. 4, H332 STOT SE 3, H336 (SCL: 35.00 %)	

See full text of H-phrases in section 16. Occupational exposure limits are listed in section 8, if these are available.

Other information

-

SECTION 4: FIRST-AID MEASURES

4.1. Description of first aid measures

General information:

If breathing is irregular, drowsiness, loss of consciousness or cramps: Call 911 and give immediate treatment (first aid).

Contact a doctor if in doubt about the injured person's condition or if the symptoms persist. Never give an unconscious person water or other drink.

Inhalation:

Upon breathing difficulties or irritation of the respiratory tract: Bring the person into fresh air and stay with him/her.

Skin contact:

IF ON SKIN: Wash with plenty of water/water and soap.

Remove contaminated clothing and shoes. Ensure to wash exposed skin thoroughly with water and soap. DO NOT use solvents or thinners.

If skin irritation occurs: Get medical advice/attention.

Eye contact:

If in eyes: Flush eyes with plenty of water or salt water (20-30 °C) for at least 30 minutes and continue until irritation stops. Remove contact lenses. Make sure you flush under the upper and lower eyelids. Seek medical assistance immediately and continue flushing during transport.

Ingestion:

IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.

Rinse mouth.

Burns:

Not applicable.

4.2. Most important symptoms and effects, both acute and delayed

The product contains substances that cause serious eye damage. Contact with these substances can cause irreversible effects on the eye / serious eye damage.

4.3. Indication of any immediate medical attention and special treatment needed

IF exposed or concerned:
Get immediate medical advice/attention.

Information to medics

Bring this safety data sheet or the label from this product.

SECTION 5: FIRE-FIGHTING MEASURES

5.1. Extinguishing media

Not applicable.

5.2. Special hazards arising from the substance or mixture

Fire will result in dense smoke. Exposure to combustion products may harm your health. Closed containers, which are exposed to fire, should be cooled with water. Do not allow fire-extinguishing water to enter the sewage system and nearby surface waters.

5.3. Advice for firefighters

Wear self-contained breathing apparatus and protective clothing to prevent contact. Upon direct exposure contact a poison centre in order to obtain further advice. See section 1 "Emergency telephone number".

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Avoid direct contact with spilled substances.
Ensure adequate ventilation, especially in confined areas.
Avoid inhalation of vapours from spilled material.
Contaminated areas may be slippery.

6.2. Environmental precautions

Avoid discharge to lakes, streams, sewers, etc.
Keep unauthorized persons away from the spill

6.3. Methods and material for containment and cleaning up

Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations.
Wherever possible cleaning should be performed with normal cleaning agents. Avoid use of solvents.

6.4. Reference to other sections

See section 13 "Disposal considerations" on handling of waste.
See section 8 "Exposure controls/personal protection" for protective measures.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Avoid direct contact with the product.
Smoking, drinking and consumption of food is not allowed in the work area.
See section 8 "Exposure controls/personal protection" for information on personal protection.

7.2. Conditions for safe storage, including any incompatibilities

Containers that have been opened must be carefully resealed and kept upright to prevent leakage.
Store in a container with a resistant inner liner.

Recommended storage material:

Keep only in original packaging.

Storage conditions:

Dry, cool and well ventilated

Incompatible materials:

Keep only in original packaging.

7.3. Specific end use(s)

This product should only be used for applications quoted in section 1.2.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

ALBERTA

hydrogen peroxide

Long term exposure limit (8 hours) (ppm): 1

Long term exposure limit (8 hours) (mg/m³): 1.4

Annotations:

3 = Occupational exposure limit is based on irritation effects and its adjustment to compensate for unusual work schedules is not required.

Occupational Health and Safety Code 2009 Order, Alta Reg 87/2009 (revised in 2018)

BRITISH COLUMBIA

hydrogen peroxide

Time-Weighted Average Limit (TWA): 1 ppm

OHS Regulation Part 5: Chemical Agents and Biological Agents.

ONTARIO

hydrogen peroxide

Time-Weighted Average Limit (TWA): 1 ppm

Regulation 833 (Control of Exposure to Biological or Chemical Agents) and Ontario Regulation 490/09 (Designated Substances)

QUEBEC

hydrogen peroxide

Long term exposure limit (8 hours) (ppm): 1

Annotations:

Note 3 = Where the use of these products is permitted.

Regulation respecting occupational health and safety (Chapter S-2.1, r. 13)

SASKATCHEWAN

hydrogen peroxide

Long term exposure limit (8 hours) (ppm): 1

Short term exposure limit (15 minutes) (ppm): 2

The Occupational Health and Safety Regulations, 2020, Chapter S15.1 Reg 10.

8.2. Exposure controls

Compliance with the given occupational exposure limits values should be controlled on a regular basis.

General recommendations:

Smoking, drinking and consumption of food is not allowed in the work area.

Exposure scenarios:

There are no exposure scenarios implemented for this product.

Exposure limits:

Professional users are subjected to the legally set maximum concentrations for occupational exposure. See occupational hygiene limit values above.

Appropriate technical measures:

The formation of vapours must be kept at a minimum and below current limit values (see above). Installation of a local exhaust system if normal air flow in the work room is not sufficient is recommended. Ensure eyewash and emergency showers are clearly marked.

Ensure that eyewash stations and safety showers are located within easy reach.

Apply standard precautions during use of the product. Avoid inhalation of vapours.

Hygiene measures:

Take off contaminated clothing and wash it before reuse.

Measures to avoid environmental exposure:

No specific requirements.

Individual protection measures, such as personal protective equipment

Generally:

Use only protective equipment with a recognized certification mark, e.g. the UL mark.

Respiratory Equipment:

Work situation	Type	Class	Colour	Standards	
When there is risk of formation of mist/aerosol	Full mask			EN136	

Skin protection:

Recommended	Type/Category	Standards	
Dedicated work clothing should be worn.	-	-	

Hand protection:

Work situation	Material	Glove thickness (mm)	Breakthrough time (min.)	Standards	
In the event of prolonged exposure or high concentrations	Nitrile	0.4	> 480	EN374-2, EN16523-1, EN388	
In the event of prolonged exposure or high concentrations	Butyl	0,7	> 480	EN374-2, EN16523-1, EN388, EN421	

Eye protection:

Type	Standards	
Safety glasses with side shields.	EN166	

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Physical state:

Liquid

Colour:

Colourless

Odour:

Characteristic

Odour threshold (ppm):

No data available.

pH:

2.5

Density (g/cm³):

1.1 (20 °C)

Kinematic viscosity:

No data available.

Particle characteristics:

Does not apply to liquids.

Phase changes

Melting point/Freezing point (°C):

No data available.

Softening point/range (°F):

Does not apply to liquids.

Boiling point (°C):

100

Vapour pressure:

No data available.

Relative vapour density:

No data available.

Decomposition temperature (°C):

No data available.

Data on fire and explosion hazards

Flash point (°C):

No data available.

Flammability (°C):

No data available.

Auto-ignition temperature (°C):

No data available.

Explosion limits (% v/v):

No data available.

Solubility

Solubility in water:

Completely soluble

n-octanol/water coefficient (LogKow):

No data available.

Solubility in fat (g/L):

No data available.

9.2. Other information

Other physical and chemical parameters:

No data available.

Oxidizing properties:

No data available.

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

No data available.

10.2. Chemical stability

The product is stable under the conditions, noted in section 7 "Handling and storage".

10.3. Possibility of hazardous reactions

None known.

10.4. Conditions to avoid

None known.

10.5. Incompatible materials

Keep only in original packaging.

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Acute toxicity

Product/substance	hydrogen peroxide
Species:	Rat
Route of exposure:	Oral
Test:	LD50
Result:	1.193 - 1.270 mg/L

Product/substance	hydrogen peroxide
Species:	Rabbit
Route of exposure:	Dermal
Test:	LD50
Result:	>2.000 (35% oplossing) mg/kg

Harmful if swallowed.

Skin corrosion/irritation

Product/substance	iT.34 laundry stainremover pro active oxygen
Result:	Adverse effect observed (Irritating)

Product/substance	hydrogen peroxide
Result:	Adverse effect observed (Irritating)

Causes skin irritation.

Serious eye damage/irritation

Product/substance	iT.34 laundry stainremover pro active oxygen
Result:	Adverse effect observed (Causes serious eye damage)

Product/substance	hydrogen peroxide
Result:	Adverse effect observed (Causes serious eye damage)

Causes serious eye damage.

Respiratory sensitisation

Product/substance	hydrogen peroxide
Result:	No adverse effect observed (not sensitising)

Based on available data, the classification criteria are not met.

Skin sensitisation

Based on available data, the classification criteria are not met.

Germ cell mutagenicity

Based on available data, the classification criteria are not met.

Carcinogenicity

Product/substance	hydrogen peroxide
Conclusion:	No adverse effect observed

Based on available data, the classification criteria are not met.

Reproductive toxicity

Product/substance	hydrogen peroxide
Conclusion:	No adverse effect observed

Based on available data, the classification criteria are not met.

STOT-single exposure

May cause drowsiness or dizziness.

STOT-repeated exposure

Based on available data, the classification criteria are not met.

Aspiration hazard

Product/substance	hydrogen peroxide
Based on available data, the classification criteria are not met.	

Long term effects

The product contains substances that cause serious eye damage. Contact with these substances can cause irreversible effects on the eye / serious eye damage.

Other information

hydrogen peroxide has been classified by IARC as a group 3 carcinogen.

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Product/substance	hydrogen peroxide
Species:	Fish, Pimephales promelas
Duration:	96 hours
Test:	LC50
Result:	16,4 mg/L

Product/substance	hydrogen peroxide

Conforms to Hazardous Products Regulation SOR/2015-17 (as amended by SOR/2022-272)

Species:	Fish, <i>Leuciscus idus</i>
Duration:	72 hours
Test:	LC50
Result:	35 mg/L

Product/substance	hydrogen peroxide
Species:	Fish, <i>Oncorhynchus mykiss</i>
Duration:	7 days
Test:	LC50
Result:	38,5 mg/L

Product/substance	hydrogen peroxide
Species:	<i>Daphnia pulex</i>
Duration:	48 hours
Test:	EC50
Result:	2,4 mg/L

Product/substance	hydrogen peroxide
Species:	<i>Daphnia magna</i>
Duration:	24 hours
Test:	EC50
Result:	7,7 mg/L

Product/substance	hydrogen peroxide
Species:	<i>Skeletonema costatum</i>
Duration:	72 hours
Test:	EC50
Result:	1,38 mg/L

Product/substance	hydrogen peroxide
Test method:	OECD 209
Species:	Bacteria
Compartment:	Activated Sludge Plant
Duration:	30 minutes
Test:	EC50
Result:	466 mg/L

Product/substance	hydrogen peroxide
Test method:	OECD 209
Species:	Bacteria
Compartment:	Activated Sludge Plant
Duration:	3 hours
Test:	EC50
Result:	> 1.000 mg/L

Based on available data, the classification criteria are not met.

12.2. Persistence and degradability

Product/substance	hydrogen peroxide
Conclusion:	Readily biodegradable

12.3. Bioaccumulative potential

Product/substance	hydrogen peroxide
LogKow:	-1,57
Conclusion:	-

12.4. Mobility in soil

Conforms to Hazardous Products Regulation SOR/2015-17 (as amended by SOR/2022-272)

No data available.

12.5. Results of PBT and vPvB assessment

This mixture/product does not contain any substances known to fulfil the criteria for PBT and vPvB classification.

12.6. Other adverse effects

None known.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste treatment methods

None of the components are listed

Specific labelling

Contaminated packing

Packaging containing residues of the product must be disposed of similarly to the product.

SECTION 14: TRANSPORT INFORMATION

	14.1 UN / ID	14.2 UN proper shipping name	14.3 Hazard class(es)	14.4 PG*	14.5 Env**	Other information:
TDG	UN2014	HYDROGEN PEROXIDE, AQUEOUS SOLUTION with not less than 20% but not more than 60% hydrogen peroxide (stabilized as necessary)	Transport hazard class: 5.1 Label: 5.1+8 Classification code: OC1  	II	No	Limited quantities: 1 L Tunnel restriction code: (E) See below for additional information.
IMDG	UN2014	HYDROGEN PEROXIDE, AQUEOUS SOLUTION with not less than 20% but not more than 60% hydrogen peroxide (stabilized as necessary)	Transport hazard class: 5.1 Label: 5.1+8 Classification code: OC1  	II	No	Limited quantities: 1 L EmS: F-H S-Q See below for additional information.
IATA	UN2014	HYDROGEN PEROXIDE, AQUEOUS SOLUTION with not less than 20% but not more than 60% hydrogen peroxide (stabilized as necessary)	Transport hazard class: 5.1 Label: 5.1+8 Classification code: OC1  	II	No	See below for additional information.

* Packing group

** Environmental hazards

Additional information

Conforms to Hazardous Products Regulation SOR/2015-17 (as amended by SOR/2022-272)

This product is within scope of the regulations of transport of dangerous goods.

TDG / See Schedule 1 for any information on special provisions, requirements, or warnings in connection with transport. See part 3, for instructions in writing regarding mitigation of damages in relation to incidents or accidents during transport.

IMDG / See section 3.2.1, for any information on special provisions, requirements, or warnings in connection with transport.

IATA / See Table 4.2 for any information on special provisions, requirements, or warnings in connection with transport.

14.6. Special precautions for user

Not applicable.

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

No data available.

SECTION 15: REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

15.2. Canadian lists

NDSL:

None of the components are listed

DSL:

hydrogen peroxide

15.4. Restrictions for application

Restricted to professional users.

15.5. Demands for specific education

No specific requirements.

Additional information

Not applicable.

15.7. Chemical safety assessment

No

Sources

Hazardous Products Regulation SOR/2015-17 (as amended by SOR/2022-272)

SECTION 16: OTHER INFORMATION

Full text of H-phrases as mentioned in section 3

H271, May cause fire or explosion; strong oxidiser.

H302, Harmful if swallowed.

H314, Causes severe skin burns and eye damage.

H315, Causes skin irritation.

H318, Causes serious eye damage.

H319, Causes serious eye irritation.

H332, Harmful if inhaled.

H336, May cause drowsiness or dizziness.

The full text of identified uses as mentioned in section 1

None known.

Abbreviations and acronyms

ANSI = American National Standards Institute

ATE = Acute Toxicity Estimate

BCF = Bioconcentration Factor

CAS = Chemical Abstracts Service

DSL = Domestic Substances List

GHS = Globally Harmonized System of Classification and Labelling of Chemicals

HHNOC = Health Hazards Not Otherwise Classified

IARC = International Agency for Research on Cancer

IATA = International Air Transport Association

IMDG = International Maritime Dangerous Goods

LogPow = logarithm of the octanol/water partition coefficient

MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)

NDSL = Non-domestic substances list

OECD = Organisation for Economic Co-operation and Development

PBT = Persistent, Bioaccumulative and Toxic

PHNOC = Physical Hazards Not Otherwise Classified

RID = The Regulations concerning the International Carriage of Dangerous Goods by Rail

SCL = A specific concentration limit.

SOR = Statutory Orders and Regulations

STEL = Short-term exposure limits

STOT-RE = Specific Target Organ Toxicity - Repeated Exposure

STOT-SE = Specific Target Organ Toxicity - Single Exposure

TDG = Transportation of Dangerous Goods

TWA = Time weighted average

UN = United Nations

UVBC = Unknown or variable composition, complex reaction products or of biological materials

VOC = Volatile Organic Compound

vPvB = Very Persistent and Very Bioaccumulative

WHIMS = Workplace Hazardous Materials Information System

Additional information

The classification of the mixture in regard of health hazards is in accordance with the calculation methods given by WHMIS 2022

The safety data sheet is validated by

Quality & Compliance

Other

A change (in proportion to the last essential change (first cipher in SDS version, see section 1)) is marked with a triangle.

The information in this safety data sheet applies only to this specific product (mentioned in section 1) and is not necessarily correct for use with other chemicals/products.

It is recommended to hand over this safety data sheet to the actual user of the product. Information in this safety data sheet cannot be used as a product specification.

Country-language: CA-en

FICHE DE DONNÉES DE SÉCURITÉ

iT.34 laundry stainremover pro active oxygen

RUBRIQUE 1: IDENTIFICATION.

1.1. Identificateur de produit

Marque commerciale:

iT.34 laundry stainremover pro active oxygen

1.2. Utilisations identifiées pertinentes de la substance ou du mélange et utilisations déconseillées

Utilisations identifiées pertinentes de la substance ou du mélange:

Produits de lavage et de nettoyage (y compris produits à base de solvants)

Réservé aux utilisateurs professionnels.

Utilisations déconseillées :

Aucune connue.

1.3. Renseignements concernant le fournisseur de la fiche de données de sécurité

Nom et adresse de l'entreprise:

Hygeniq B.V.

Postbus 618

7500 AP Enschede

The Netherlands

+31 53 4282860

+31 53 5393865

www.hygeniq.com

Courriel:

info@hygeniq.com

Fiche de données de sécurité rédigée le:

2025-08-15

Version de la fiche de données de sécurité:

1.0

1.4. Numéro d'appel d'urgence

Dans un cas d'urgence contacter 911

Alberta / Territoires du Nord-Ouest (PADIS): 1-800-332-1414

Colombie-Britannique (DPIC): 1-800-567-8911

Manitoba: 1-855-7POISON (1-855-776-4766)

Nouveau-Brunswick: 911

Nouvelle-Écosse / Île-du-Prince-Édouard (IWK): 1-800-565-8161

Ontario (CAO): 1-800-268-9017

Québec (CAPQ): 1-800-463-5060

Saskatchewan (PADIS): 1-866-454-1212

Yukon: (867) 393-8700

D'urgence, transport: Veuillez contacter CANUTEC au 1-888-CAN-UTEC (226-8832), 613-996-6666 ou *666 sur un téléphone cellulaire (24 h)

Voir la rubrique 4 concernant premiers secours.

RUBRIQUE 2: IDENTIFICATION DES DANGERS

Classé comme dangereux conformément au Règlement sur les produits dangereux DORS/2015-17 (tel que modifié par DORS/2022-272).

2.1. Classification de la substance ou du mélange

Met. Corr. 1; H290, Peut être corrosif pour les métaux.

Acute Tox. 4; H302, Nocif en cas d'ingestion.

Skin Irrit. 2; H315, Provoque une irritation cutanée.

Eye Dam. 1; H318, Provoque de graves lésions des yeux.

STOT SE 3; H336, Peut provoquer somnolence ou vertiges.

2.2. Éléments d'étiquetage

Pictogramme(s) de danger:



Mention d'avertissement:

Danger

Mention(s) de danger:

Peut être corrosif pour les métaux. (H290)

Nocif en cas d'ingestion. (H302)

Provoque une irritation cutanée. (H315)

Provoque de graves lésions des yeux. (H318)

Peut provoquer somnolence ou vertiges. (H336)

Conseil(s) de prudence:

Précautions:

Sans objet.

générales:

Éviter de respirer les brouillards/vapeurs. (P261)

Se laver mains et la peau exposée soigneusement après manipulation. (P264)

Porter un équipement de protection des yeux/ des gants de protection/des vêtements de protection. (P280)

Intervention:

EN CAS DE CONTACT AVEC LES YEUX: Rincer avec précaution à l'eau pendant plusieurs minutes. Enlever les lentilles de contact si la victime en porte et si elles peuvent être facilement enlevées. Continuer à rincer. (P305+P351+P338)

Appeler immédiatement un CENTRE ANTIPOISON/un médecin. (P310)

Absorber toute substance répandue pour éviter qu'elle attaque les matériaux environnants. (P390)

Stockage:

Stocker dans un endroit bien ventilé. Maintenir le récipient fermé de manière étanche. (P403+P233)

Stocker dans un récipient avec doublure intérieure. (P406)

Élimination:

Éliminer le contenu/récipient conformément à la réglementation locale (P501)

Contient:

peroxyde d'hydrogène ; eau oxygénée

Autre étiquetage:

Sans objet.

RUBRIQUE 3: COMPOSITION/INFORMATIONS SUR LES COMPOSANTS

3.1. Substances

Sans objet. Ce produit est un mélange.

3.2. Mélanges

Produit/composant	Identifiants	% w/w	Classification	Note
peroxyde d'hydrogène ; eau oxygénée	N° CAS : 7722-84-1	30-50%	Ox. Liq. 1, H271 Acute Tox. 4, H302 Skin Corr. 1A, H314 (SCL: 70,00 %) Skin Corr. 1B, H314 (SCL: 50,00 %) Skin Irrit. 2, H315 (SCL: 35,00 %) Eye Dam. 1, H318 (SCL: 8,00 %) Eye Irrit. 2, H319 (SCL: 5,00 %) Acute Tox. 4, H332 STOT SE 3, H336 (SCL: 35,00 %)	

Le texte intégral des phrases H se trouve dans la rubrique 16. Les limites d'exposition professionnelle sont indiquées dans la rubrique 8, à condition d'être disponibles

Autres informations

-

RUBRIQUE 4: PREMIERS SOINS

4.1. Description des premiers secours

Généralités:

Si la respiration est irrégulière, la somnolence, la perte de conscience ou des crampes : Appelez 911 et donnez le traitement immédiatement (premiers secours)

En cas de symptômes persistants ou en cas de doute concernant l'état de la personne blessée, faites appel à un médecin. Ne donnez jamais à boire de l'eau ou autre liquide à une personne ayant perdu connaissance.

Inhalation:

En cas de difficultés respiratoires ou d'irritation des voies respiratoires : Amenez la personne à l'air frais et gardez la personne sous surveillance.

Contact cutané:

EN CAS DE CONTACT AVEC LA PEAU: Laver abondamment à l'eau/eau savonneuse.

Retirez les vêtements et chaussures contaminés. Lavez soigneusement avec de l'eau et du savon la peau qui a été en contact avec le produit. N'utilisez PAS de produits solvants ou de diluants.

En cas d'irritation cutanée: consulter un médecin.

Contact visuel:

En cas de contact avec les yeux: Rincez aussitôt les yeux avec de grandes quantités d'eau (20-30 °C) pendant au moins 30 minutes et continuez jusqu'à ce que l'irritation cesse. Retirez les éventuelles lentilles de contact. Assurez-vous de bien rincer sous la paupière supérieure et sous la paupière inférieure. Faites aussitôt appel à un médecin. Consultez un médecin immédiatement et continuez de rincer pendant le trajet.

Ingestion:

EN CAS D'INGESTION: Appeler un CENTRE ANTIPOISON/un médecin en cas de malaise.

Rincer la bouche.

Brûlure:

Sans objet.

4.2. Principaux symptômes et effets, aigus et différés

Le produit contient des substances qui causent de graves lésions oculaires. Le contact avec ces substances peut provoquer des effets irréversibles sur les yeux / des lésions oculaires graves.

4.3. Indication des éventuels soins médicaux immédiats et traitements particuliers nécessaires

EN CAS d'exposition prouvée ou suspectée:
Consulter immédiatement un médecin.

Informations pour le médecin

Apportez la présente fiche de données de sécurité ou l'étiquette du produit.

RUBRIQUE 5: MESURES À PRENDRE EN CAS D'INCENDIE

5.1. Moyens d'extinction

Sans objet.

5.2. Dangers particuliers résultant de la substance ou du mélange

Le feu va dégager une épaisse fumée. L'exposition aux produits de décomposition représente un danger pour la santé. Les récipients fermés exposés au feu sont refroidis avec de l'eau. Ne laissez pas de l'eau ayant servi à éteindre l'incendie s'écouler dans les égouts et les cours d'eau.

5.3. Conseils aux pompiers

Portez une combinaison d'intervention normale et une protection respiratoire complète afin d'éviter tout contact. Voir la rubrique 1 concernant numéro d'appel d'urgence.

RUBRIQUE 6: MESURES À PRENDRE EN CAS DE DÉVERSEMENT ACCIDENTEL

6.1. Précautions individuelles, équipement de protection et procédures d'urgence

Évitez le contact direct avec le produit répandu.
Assurer une ventilation adéquate, en particulier dans les espaces confinés.
Évitez d'inhaler des vapeurs de produits répandus.
Les zones contaminées peuvent être glissantes.

6.2. Précautions pour la protection de l'environnement

Ne déversez pas dans les lacs, les ruisseaux, les égouts, etc.
Tenir les personnes non autorisées éloignées du déversement.

6.3. Méthodes et matériel de confinement et de nettoyage

Contenez et collectez les déversements avec un matériau absorbant non combustible, par exemple du sable, de la terre, de la vermiculite ou de la terre de diatomées, et placez-les dans un récipient pour les éliminer conformément aux réglementations locales.
Nettoyez autant que possible avec des produits de nettoyage ordinaires. Évitez les solvants.

6.4. Référence à d'autres rubriques

Voir la rubrique 13 "Considérations relatives à l'élimination" sur la manipulation des déchets.
Voir la rubrique 8 "Contrôles de l'exposition/protection individuelle" pour les mesures de protection.

RUBRIQUE 7: MANUTENTION ET STOCKAGE.

7.1. Précautions à prendre pour une manipulation sans danger

Éviter le contact direct avec le produit.
La consommation de tabac, de nourriture et de boissons n'est pas permise dans les locaux de travail.

Voir la rubrique 8 «Contrôles de l'exposition/protection individuelle» pour des renseignements sur les dispositifs de protection individuelle.

7.2. Conditions d'un stockage sûr, y compris d'éventuelles incompatibilités

Les récipients ayant été ouverts doivent être refermés avec soin et maintenus en position verticale afin d'éviter les fuites.

Stocker dans un récipient avec doublure intérieure.

Les compatibilités en matière de conditionnement:

Conserver uniquement dans l'emballage d'origine.

Conditions de stockage:

Sec, frais et bien ventilé

Matières incompatibles:

Conserver uniquement dans l'emballage d'origine.

7.3. Utilisation(s) finale(s) particulière(s)

Ce produit doit être utilisé exclusivement pour les applications décrites la rubrique 1.2.

RUBRIQUE 8: CONTRÔLES DE L'EXPOSITION/PROTECTION INDIVIDUELLE

8.1. Paramètres de contrôle

ALBERTA

peroxyde d'hydrogène ; eau oxygénée

Valeur limite (8 heures) (VLEP) (ppm): 1

Valeur limite (8 heures) (VLEP) (mg/m³): 1.4

Observations:

3 = La limite d'exposition professionnelle est basée sur des effets d'irritation et son ajustement pour compenser des horaires de travail inhabituels n'est pas nécessaire.

Ordre du code de la santé et de la sécurité au travail de 2009, Alta Règl. 87/2009 (révisé en 2018)

LA COLOMBIE-BRITANNIQUE

peroxyde d'hydrogène ; eau oxygénée

Moyenne pondérée dans le temps (TWA): 1 ppm

Règlement SST, partie 5: Agents chimiques et agents biologiques.

ONTARIO

peroxyde d'hydrogène ; eau oxygénée

Moyenne pondérée dans le temps (TWA): 1 ppm

Le Règlement 833 (Contrôle de l'exposition à des agents biologiques ou chimiques) et le Règlement de l'Ontario 490/09 (substances désignées)

QUEBEC

peroxyde d'hydrogène ; eau oxygénée

Valeur limite (8 heures) (VLEP) (ppm): 1

Observations:

Note 3 = Dans les cas où l'utilisation de ces produits est permise.

Règlement sur la santé et la sécurité du travail (Chapitre S-2.1, r. 13)

SASKATCHEWAN

peroxyde d'hydrogène ; eau oxygénée
Valeur limite (8 heures) (VLEP) (ppm): 1
Valeur à court terme (15 minutes) (VLCT ou VLE) (ppm): 2

Le règlement de 2020 sur la santé et la sécurité au travail, Chapter S15.1 Reg 10 .

8.2. Contrôles de l'exposition

Le respect des valeurs limites indiquées doit être contrôlé régulièrement.

Précautions générales:

La consommation de tabac, de nourriture et de boissons n'est pas permise dans les locaux de travail.

Scénarios d'exposition:

Aucun scénario d'exposition n'est mis en œuvre pour ce produit.

Limite d'exposition:

Les utilisateurs professionnels sont concernés par la législation sur l'environnement de travail qui concerne les concentrations maximales auxquelles il est permis d'être exposé. Voir les valeurs limites d'hygiène de travail indiquées ci-dessus.

Mesures techniques:

La formation de vapeur doit être minimale et rester sous les valeurs limites actuelles (voir ci-dessus). Si l'aération n'est pas suffisante dans la pièce, l'installation d'un système local de ventilation est recommandée. Assurez-vous que les douches oculaires et les douches d'urgence sont clairement indiquées.

S'assurer que les postes de rinçage oculaire et les douches de décontamination sont facilement accessibles.

Suivez les précautions habituelles quand vous utilisez le produit. Évitez de respirer les vapeurs.

Mesures d'hygiène:

Enlever les vêtements contaminés et les laver avant réutilisation.

Mesures pour la limitation de l'exposition à l'environnement:

Pas d'exigences particulières.

Mesures de protection individuelle, telles que les équipement de protection personnelle

Généralités:

Utilisez uniquement des équipements de protection portant un marquage de certification reconnu, par exemple le marquage UL.

Équipements respiratoires:

Situation de travail	Type	Classe	Couleur	Normes	
En cas de risque de formation de brouillard/aérosol	Masque complet			EN136	

Protection de la peau:

Recommandé	Type/Catégorie	Normes	
Utilisez des vêtements de travail dédiés	-	-	

Protection des mains:

Situation de travail	Matériel	Épaisseur minimum (mm)	Délai de rupture (min.)	Normes	
En cas d'exposition prolongée ou de concentration élevée	Caoutchouc nitrile	0.4	> 480	EN374-2, EN16523-1, EN388	

Situation de travail	Matériel	Épaisseur minimum (mm)	Délai de rupture (min.)	Normes	
En cas d'exposition prolongée ou de concentration élevée	Caoutchouc butyle	0,7	> 480	EN374-2, EN16523-1, EN388, EN421	

Protection des yeux:

Type	Normes	
Porter des lunettes de sécurité avec protections latérales.	EN166	

RUBRIQUE 9: PROPRIÉTÉS PHYSIQUES ET CHIMIQUES

9.1. Informations sur les propriétés physiques et chimiques essentielles

Etat physique:

Liquide

Couleur:

Incolore

Odeur:

Caractéristique

Seuil olfactif (ppm):

Aucune information disponible.

pH:

2,5

Densité (g/cm³):

1,1 (20 °C)

Viscosité cinématique:

Aucune information disponible.

Caractéristiques des particules:

Ne s'applique pas aux liquides.

Changement d'état

Point de fusion/point de congélation (°C):

Aucune information disponible.

Le point/l'intervalle de ramollissement (°F):

Ne s'applique pas aux liquides.

Point d'ébullition (°C):

100

Pression de vapeur:

Aucune information disponible.

Densité de vapeur:

Aucune information disponible.

Température de décomposition (°C):

Aucune information disponible.

Informations concernant les risques d'explosion et d'incendie

Point d'éclair (°C):

Aucune information disponible.

Inflammabilité (°C):

Aucune information disponible.

Température d'auto-inflammation (°C):

Aucune information disponible.

Limite d'explosivité (% v/v):

Aucune information disponible.

Solubilité

Solubilité dans l'eau:

Complètement soluble

n-octanol/coefficient d'eau (LogKow):

Aucune information disponible.

Solubilité dans la graisse (g/L):

Aucune information disponible.

9.2. Autres informations

D'autres paramètres physiques et chimiques:

Aucune information disponible.

Capacités oxydantes:

Aucune information disponible.

RUBRIQUE 10: STABILITÉ ET RÉACTIVITÉ

10.1. Réactivité

Aucune information disponible.

10.2. Stabilité chimique

Le produit est stable dans les conditions indiquées à la rubrique 7 (Manipulation et stockage).

10.3. Possibilité de réactions dangereuses

Aucune connue.

10.4. Conditions à éviter

Aucune connue.

10.5. Matières incompatibles

Conserver uniquement dans l'emballage d'origine.

10.6. Produits de décomposition dangereux

Dans des conditions normales de stockage et d'utilisation, aucun produit de décomposition dangereux ne doit être produit.

RUBRIQUE 11: DONNÉES TOXICOLOGIQUES

11.1. Informations sur les effets toxicologiques

Toxicité aiguë

Produit/composant	peroxyde d'hydrogène ; eau oxygénée
Espèce :	Rat
Voie d'exposition :	Orale
Test :	DL50
Valeur :	1.193 - 1.270 mg/L

Conforme au Règlement sur les produits dangereux DORS/2015-17 (tel que modifié par DORS/2022-272)

Produit/composant	peroxyde d'hydrogène ; eau oxygénée
Espèce :	Lapin
Voie d'exposition :	Cutanée
Test :	DL50
Valeur :	>2.000 (35% oplossing) mg/kg

Nocif en cas d'ingestion.

Corrosion cutanée/irritation cutanée

Produit/composant	iT.34 laundry stainremover pro active oxygen
Valeur :	Effets nocifs observés (Irritant)

Produit/composant	peroxyde d'hydrogène ; eau oxygénée
Valeur :	Effets nocifs observés (Irritant)

Provoque une irritation cutanée.

Lésions oculaires graves/irritation oculaire

Produit/composant	iT.34 laundry stainremover pro active oxygen
Valeur :	Effets nocifs observés (Provoque de graves lésions des yeux)

Produit/composant	peroxyde d'hydrogène ; eau oxygénée
Valeur :	Effets nocifs observés (Provoque de graves lésions des yeux)

Provoque de graves lésions des yeux.

Sensibilisation respiratoire

Produit/composant	peroxyde d'hydrogène ; eau oxygénée
Valeur :	Aucun effet nocif observé (pas sensibilisant)

Compte tenu des données disponibles, les critères de classification ne sont pas remplis.

Sensibilisation cutanée

Compte tenu des données disponibles, les critères de classification ne sont pas remplis.

Mutagénicité sur les cellules germinales

Compte tenu des données disponibles, les critères de classification ne sont pas remplis.

Cancérogénicité

Produit/composant	peroxyde d'hydrogène ; eau oxygénée
Conclusion :	Aucun effet nocif observé

Compte tenu des données disponibles, les critères de classification ne sont pas remplis.

Toxicité pour la reproduction

Produit/composant	peroxyde d'hydrogène ; eau oxygénée
Conclusion :	Aucun effet nocif observé

Compte tenu des données disponibles, les critères de classification ne sont pas remplis.

Toxicité spécifique pour certains organes cibles — exposition unique

Peut provoquer somnolence ou vertiges.

Toxicité spécifique pour certains organes cibles – exposition répétée

Compte tenu des données disponibles, les critères de classification ne sont pas remplis.

Danger par aspiration

Produit/composant	peroxyde d'hydrogène ; eau oxygénée

Compte tenu des données disponibles, les critères de classification ne sont pas remplis.

Effets sur le long terme

Le produit contient des substances qui causent de graves lésions oculaires. Le contact avec ces substances peut provoquer des effets irréversibles sur les yeux / des lésions oculaires graves.

Autres informations

peroxyde d'hydrogène ; eau oxygénée : La substance a été classée dans le groupe 3 par le CIRC.

RUBRIQUE 12: DONNÉES ÉCOLOGIQUES

12.1. Toxicité

Produit/composant : peroxyde d'hydrogène ; eau oxygénée
Espèce : Poisson, Pimephales promelas
Durée : 96 heures
Test : CL50
Valeur : 16,4 mg/L

Produit/composant : peroxyde d'hydrogène ; eau oxygénée
Espèce : Poisson, Leuciscus idus
Durée : 72 heures
Test : CL50
Valeur : 35 mg/L

Produit/composant : peroxyde d'hydrogène ; eau oxygénée
Espèce : Poisson, Oncorhynchus mykiss
Durée : 7 jours
Test : CL50
Valeur : 38,5 mg/L

Produit/composant : peroxyde d'hydrogène ; eau oxygénée
Espèce : Daphnia pulex
Durée : 48 heures
Test : CE50
Valeur : 2,4 mg/L

Produit/composant : peroxyde d'hydrogène ; eau oxygénée
Espèce : Daphnia magna
Durée : 24 heures
Test : CE50
Valeur : 7,7 mg/L

Produit/composant : peroxyde d'hydrogène ; eau oxygénée
Espèce : Skeletonema costatum
Durée : 72 heures
Test : CE50
Valeur : 1,38 mg/L

Produit/composant : peroxyde d'hydrogène ; eau oxygénée
Méthode d'essai : OCDE 209
Espèce : Bactéries
Milieu environnemental : Installation à boue activée
Durée : 30 minutes
Test : CE50
Valeur : 466 mg/L

Produit/composant : peroxyde d'hydrogène ; eau oxygénée
Méthode d'essai : OCDE 209
Espèce : Bactéries
Milieu environnemental : Installation à boue activée
Durée : 3 heures

Conforme au Règlement sur les produits dangereux DORS/2015-17 (tel que modifié par DORS/2022-272)

Test : CE50
Valeur : > 1.000 mg/L

Compte tenu des données disponibles, les critères de classification ne sont pas remplis.

12.2. Persistance et dégradabilité

Produit/composant peroxyde d'hydrogène ; eau oxygénée
Conclusion : Biodégradabilité facile

12.3. Potentiel de bioaccumulation

Produit/composant peroxyde d'hydrogène ; eau oxygénée
LogKow : -1,57
Conclusion : -

12.4. Mobilité dans le sol

Aucune information disponible.

12.5. Résultats des évaluations PBT et vPvB

Ce mélange/produit ne contient aucune substance considérée comme répondant aux critères de classification comme PBT et/ou vPvB.

12.6. Autres effets néfastes

Aucune connue.

RUBRIQUE 13: DONNÉES SUR L'ÉLIMINATION

Méthodes de traitement des déchets

Aucun des composants n'est répertorié

Étiquetage spécifique

Emballages pollués

Les emballages avec des résidus de produit sont éliminés en suivant les mêmes règles que pour le produit lui-même.

RUBRIQUE 14: INFORMATIONS RELATIVES AU TRANSPORT

	14.1 ONU	14.2 Désignation officielle de transport	14.3 Classe(s) de danger pour le transport	14.4 PG*	14.5. Env**	Autres informatio ns :
TDG	UN2014	PEROXYDE D'HYDROGÈNE EN SOLUTION AQUEUSE	Classe: 5.1 Étiquettes: 5.1+8 Code de classification: OC1  	II	Non	Quantités limitées: 1 L Code de restriction en tunnels: (E) Voir ci-dessous pour plus d'informations.
IMDG	UN2014	HYDROGEN PEROXIDE, AQUEOUS SOLUTION with not less than 20% but not more than 60% hydrogen peroxide (stabilized as necessary)	Classe: 5.1 Étiquettes: 5.1+8 Code de classification: OC1	II	Non	Quantités limitées: 1 L EmS: F-H S-Q

	14.1 ONU	14.2 Désignation officielle de transport	14.3 Classe(s) de danger pour le transport	14.4 PG*	14.5. Env**	Autres informatio ns :
			 			Voir ci-dessous pour plus d'informations.
IATA	UN2014	HYDROGEN PEROXIDE, AQUEOUS SOLUTION with not less than 20% but not more than 60% hydrogen peroxide (stabilized as necessary)	Classe: 5.1 Étiquettes: 5.1+8 Code de classification: OC1  	II	Non	Voir ci-dessous pour plus d'informations.

* Groupe d'emballage

** Dangers pour l'environnement

Autre

Le produit est concerné par les conventions sur les marchandises dangereuses.

TDG / Voir Annexe 1 pour toute information sur les dispositions spéciales, les exigences ou les avertissements en rapport avec le transport. Voir partie 3, pour les instructions écrites concernant l'atténuation des dommages en cas d'incidents ou d'accidents pendant le transport.

IMDG / Voir section 3.2.1 pour toute information sur les dispositions spéciales, les exigences ou les avertissements en rapport avec le transport.

IATA / Voir tableau 4.2 pour toute information sur les dispositions spéciales, les exigences ou les avertissements en rapport avec le transport.

14.6. Précautions particulières à prendre par l'utilisateur

Sans objet.

14.7. Transport en vrac conformément à l'annexe II de la convention Marpol et au recueil IBC

Aucune information disponible.

RUBRIQUE 15: INFORMATIONS SUR LA RÉGLEMENTATION

15.1. Réglementations/législation particulières à la substance ou au mélange en matière de sécurité, de santé et d'environnement

15.2. Listes canadiennes

LES:

Aucun des composants n'est répertorié

Liste intérieure:

peroxyde d'hydrogène ; eau oxygénée

15.4. Limites d'utilisation

Réservé aux utilisateurs professionnels.

15.5. Demandes de formation spécifique

Pas d'exigences particulières.

Autre

Sans objet.

15.7. Évaluation de la sécurité chimique

Non

Sources

RUBRIQUE 16: AUTRES INFORMATIONS

Précisions sur les phrases H dont il est question dans la rubrique 3

H271, Peut provoquer un incendie ou une explosion; comburant puissant.
H302, Nocif en cas d'ingestion.
H314, Provoque de graves brûlures de la peau et de graves lésions des yeux.
H315, Provoque une irritation cutanée.
H318, Provoque de graves lésions des yeux.
H319, Provoque une sévère irritation des yeux.
H332, Nocif par inhalation.
H336, Peut provoquer somnolence ou vertiges.

Précisions sur les utilisations identifiées dont il est question dans la rubrique 1

Aucune connue.

Abréviations et acronymes

ANSI = L'American National Standards Institute
CAS = Numéro du Chemical Abstract Service
COV = Composés Organiques Volatils
DORS = Décrets, Ordonnances et Règlements Statutaires
DPNCA = Dangers physiques non classifiés ailleurs
DSNCA = Dangers pour la santé non classifiés ailleurs
ETA = Estimation de la Toxicité Aiguë
FBC = Facteur de Bioconcentration
IARC = Le Centre international de Recherche sur le Cancer (CIRC)
IATA = Association Internationale du Transport Aérien
IMDG = Maritime international des marchandises dangereuses
LES = Liste extérieure des substances
LogK_{ow} = Coefficient de partage octanol/eau
MARPOL = Convention internationale pour la prévention de la pollution par les navires de 1973, telle que modifiée par le Protocole de 1978. ("MARPOL" = pollution maritime)
NU = Nations Unies
OCDE = Organisation de Coopération et de Développement Economiques
RRN = Numéro d'enregistrement REACH
SCL = Limite de concentration spécifique (LCS).
SGH = Système Général Harmonisé de classification et d'étiquetage des produits chimiques
SIMDUT = Système d'information sur les matières dangereuses utilisées au travail
STEL = Limite d'exposition de courte durée
TDG = Transport des Marchandises Dangereuses
TSOC-ER = Toxicité Spécifique pour certains Organes Cibles - Exposition Répétée
TSOC-EU = Toxicité Spécifique pour certains Organes Cibles - Exposition Unique
TWA = Moyenne pondérée dans le temps
UVBC = Substances de composition inconnue ou variable, produits de réaction complexes ou matières biologiques

Autre

La classification du mélange au regard des risques pour la santé est conforme aux méthodes de calcul fournies par le SIMDUT 2022.

Homologué par

Quality & Compliance

Autre

Les modifications par rapport à la dernière révision importante (premiers chiffres dans la fiche, voir rubrique 1) de cette fiche de données de sécurité sont repérées par un triangle.

Les informations de la présente fiche de données de sécurité sont seulement valables pour ce produit (indiqué à la rubrique 1) et ne sont pas nécessairement valables pour l'utilisation d'autres produits/produits chimiques. Il est recommandé de donner cette fiche de données de sécurité à l'utilisateur effectif du produit. Les informations de ce document ne peuvent pas être utilisées comme spécification du produit.
Pays-langue : CA-fr

SICHERHEITSDATENBLATT

iT.34 laundry stainremover pro active oxygen

ABSCHNITT 1: BEZEICHNUNG DES STOFFS BEZIEHUNGSWEISE DES GEMISCHS UND DES UNTERNEHMENS

1.1. Produktidentifikator

Handelsname:

iT.34 laundry stainremover pro active oxygen

Eindeutiger Rezepturidentifikator (UFI):

KWY8-NP0S-J88H-EC1G

1.2. Relevante identifizierte Verwendungen des Stoffs oder Gemischs und Verwendungen, von denen abgeraten wird

Relevante identifizierte Verwendungen des Stoffs oder Gemischs:

Wasch- und Reinigungsmittel (einschließlich Produkte auf Lösungsmittelbasis)
Nur für gewerbliche Anwender.

Verwendungen, von denen abgeraten wird:

Keine bekannt.

1.3. Einzelheiten zum Lieferanten, der das Sicherheitsdatenblatt bereitstellt

Firmenname und Adresse:

Hygeniq B.V.

Postbus 618
7500 AP Enschede
The Netherlands
+31 53 4282860
+31 53 5393865
www.hygeniq.com

Email:

info@hanos.nl

Überarbeitet am:

15.08.2025

SDB Version:

1.0

1.4. Notrufnummer

Tox Info Suisse: 145 (24 Stunden täglich)

Aus dem Ausland: +41 44 251 51 51

Siehe auch Abschnitt 4 zu Erste-Hilfe-Maßnahmen

ABSCHNITT 2: MÖGLICHE GEFAHREN

Eingestuft gemäß der Verordnung (EG) Nr. 1272/2008 (CLP).

2.1. Einstufung des Stoffs oder Gemischs

Met. Corr. 1; H290, Kann gegenüber Metallen korrosiv sein.
Acute Tox. 4; H302, Gesundheitsschädlich bei Verschlucken.
Skin Irrit. 2; H315, Verursacht Hautreizungen.
Eye Dam. 1; H318, Verursacht schwere Augenschäden.
STOT SE 3; H336, Kann Schläfrigkeit und Benommenheit verursachen.

2.2. Kennzeichnungselemente

Gefahrenpiktogramme:



Signalwort:

Gefahr

Gefahrenhinweise:

Kann gegenüber Metallen korrosiv sein. (H290)
Gesundheitsschädlich bei Verschlucken. (H302)
Verursacht Hautreizungen. (H315)
Verursacht schwere Augenschäden. (H318)
Kann Schläfrigkeit und Benommenheit verursachen. (H336)

Sicherheitshinweise:

Allgemeines:

Nicht zutreffend.

Prävention:

Nach Gebrauch Hände und exponierte Haut gründlich waschen. (P264)
Augenschutz/Schutzhandschuhe/Schutzkleidung tragen. (P280)

Reaktion:

BEI KONTAKT MIT DEN AUGEN: Einige Minuten lang behutsam mit Wasser spülen. Eventuell vorhandene Kontaktlinsen nach Möglichkeit entfernen. Weiter spülen. (P305+P351+P338)
Verschüttete Mengen aufnehmen, um Materialschäden zu vermeiden. (P390)

Lagerung:

In Behälter mit widerstandsfähiger Innenauskleidung aufbewahren. (P406)

Entsorgung:

Inhalt/Behälter gemäß lokalen Vorschriften zuführen. (P501)

Enthält:

Wasserstoffperoxid

Andere Kennzeichnungen:

UFI: KQY8-NP0S-J88H-EC1G

Kennzeichnung der Inhaltsstoffe gemäß Verordnung über Detergenzien 648/2004 (gilt für Verpackungen von Reinigungsmitteln, die an die breite Öffentlichkeit verkauft werden):

≥ 30%

· Bleichmittel auf Sauerstoffbasis

2.3. Sonstige Gefahren

Anderes:

Diese Mischung/dieses Produkt enthält keine Substanzen, die den Kriterien für eine Klassifizierung als PBT- und/oder vPvB-Stoff entsprechen.

Dieses Produkt enthält keine Stoffe, die gemäß den Kriterien der Delegierten Verordnung (EU) 2017/2100 der Kommission oder der Verordnung (EU) 2023/707 der Kommission als endokrine Disruptoren gelten.

ABSCHNITT 3: ZUSAMMENSETZUNG/ANGABEN ZU BESTANDTEILEN

3.1. Stoffe

Nicht zutreffend. Dieses Produkt ist ein Gemisch.

3.2. Gemische

Produkt / Substanz	Identifikatoren	% w/w	Einstufung	Anm.
Wasserstoffperoxid	CAS-Nr.: 7722-84-1 EG-Nr.: 231-765-0 REACH: 01-2119485845-22-XXXX Indexnr.: 008-003-00-9	30-50%	Ox. Liq. 1, H271 Acute Tox. 4, H302 Skin Corr. 1A, H314 (SCL: 70.00 %) Skin Corr. 1B, H314 (SCL: 50.00 %) Skin Irrit. 2, H315 (SCL: 35.00 %) Eye Dam. 1, H318 (SCL: 8.00 %) Eye Irrit. 2, H319 (SCL: 5.00 %) Acute Tox. 4, H332 STOT SE 3, H336 (SCL: 35.00 %)	

Vollständiger Text der H-Sätze - siehe Abschnitt 16. Die Grenzwerte für die Exposition am Arbeitsplatz sind, wenn verfügbar, in Abschnitt 8 wiedergegeben.

Weitere Angaben

-

ABSCHNITT 4: ERSTE-HILFE-MASSNAHMEN

4.1. Beschreibung der Erste-Hilfe-Massnahmen

Allgemeine Hinweise:

Bei Unfällen: Arzt oder Erste-Hilfe-Raum aufsuchen - das Etikett oder dieses Sicherheitsdatenblatt mitbringen.
Bei anhaltenden Symptomen oder Zweifel über den Zustand des Geschädigten ist ärztliche Hilfe aufzusuchen.
Einem Bewusstlosen nie Wasser o.Ä. verabreichen.

Nach Einatmen:

Bei Atembeschwerden oder Reizung der Atemwege: Betroffenen an die frische Luft bringen und beaufsichtigen.

Nach Hautkontakt:

BEI BERÜHRUNG MIT DER HAUT: Mit viel Wasser/Wasser und Seife waschen.
Verunreinigte Kleidung und Schuhe entfernen. Haut, die mit dem Material in Kontakt gekommen ist, ist gründlich mit Wasser und Seife zu waschen. KEIN Lösungsmittel oder Verdünner verwenden.
Bei Hautreizung: Ärztlichen Rat einholen/ärztliche Hilfe hinzuziehen.

Nach Augenkontakt:

Bei Kontakt mit den Augen: Augen sofort mit viel Wasser (20-30 °C) mindestens 30 Minuten lang spülen, bis die Reizung aufhört. Ggf. Kontaktlinsen herausnehmen. Unter dem oberen und unteren Lid spülen. Sofort Arzt aufsuchen. Während des Transports weiter spülen.

Nach Verschlucken:

BEI VERSCHLUCKEN: Bei Unwohlsein GIFTINFORMATIONSZENTRUM/Arzt anrufen.
Mund ausspülen.

Verbrennung:

Nicht zutreffend.

4.2. Wichtigste akute und verzögert auftretende Symptome und Wirkungen

Das Produkt enthält Substanzen, welche schwere Augenschäden verursachen. Der Kontakt mit diesen Stoffen kann irreversible Auswirkungen auf das Auge haben / schwere Augenschäden verursachen.

4.3. Hinweise auf ärztliche Soforthilfe oder Spezialbehandlung

BEI Exposition oder falls betroffen:

Sofort ärztlichen Rat einholen/ärztliche Hilfe hinzuziehen.

Hinweise für den Arzt

Dieses Sicherheitsdatenblatt oder das Etikett des Produktes mitbringen.

ABSCHNITT 5: MASSNAHMEN ZUR BRANDBEKÄMPFUNG

5.1. Löschmittel

Nicht zutreffend.

5.2. Besondere vom Stoff oder Gemisch ausgehende Gefahren

Bei Feuer bildet sich dichter Rauch. Abbauproduktexposition kann eine gesundheitliche Gefahr bedeuten.

Geschlossene, dem Feuer ausgesetzte Behälter sind mit Wasser zu kühlen. Löschwasser nicht in Kanalisation und Fließgewässer gelangen lassen.

5.3. Hinweise für die Brandbekämpfung

Normale Einsatzbekleidung und voller Atemschutz. Wenden Sie sich an die Tox Info Suisse: 145 (24 Stunden täglich), um weitere Ratschläge zu erhalten.

ABSCHNITT 6: MASSNAHMEN BEI UNBEABSICHTIGTER FREISETZUNG

6.1. Personenbezogene Vorsichtsmaßnahmen, Schutzausrüstungen und in Notfällen anzuwendende Verfahren

Direkten Kontakt mit dem ausgetretenen Stoff vermeiden.

Sorgen Sie für ausreichende Belüftung, insbesondere in geschlossenen Räumen.

Vermeiden, Dämpfe ausgetretener Stoffe einzuatmen.

Kontaminierte Bereiche können rutschig sein.

6.2. Umweltschutzmaßnahmen

Einleitung in Seen, Bäche, Kanalisationen usw. vermeiden.

Halten Sie Unbefugte von dem verschütteten Produkt fern.

6.3. Methoden und Material für Rückhaltung und Reinigung

Verschüttetes Material wird mit nicht brennbaren absorbierenden Materialien wie etwa Sand, Erde, Vermiculit und Diatomeenerde eingedämmt und gemäß den geltenden Regeln in Behältern gesammelt und entsorgt.

Die Reinigung erfolgt soweit möglich mit Reinigungsmitteln. Lösungsmittel sind zu vermeiden.

6.4. Verweis auf andere Abschnitte

Siehe Abschnitt 13 "Hinweise zur Entsorgung" zur Handhabung von Abfällen.

Für Schutzmaßnahmen siehe Abschnitt 8 "Begrenzung und Überwachung der Exposition/Persönliche Schutzausrüstungen".

ABSCHNITT 7: HANDHABUNG UND LAGERUNG

7.1. Schutzmaßnahmen zur sicheren Handhabung

Direkten Kontakt mit dem Produkt vermeiden.

Rauchen, Verzehr von Lebensmitteln und Getränken sind im Arbeitsbereich nicht zulässig.

Siehe Abschnitt 8 zum Persönliche Schutzausrüstungen.

7.2. Bedingungen zur sicheren Lagerung unter Berücksichtigung von Unverträglichkeiten

Geöffnete Behälter sorgfältig verschließen und aufrecht lagern, um jegliches Auslaufen zu verhindern.

In Behälter mit widerstandsfähiger Innenauskleidung aufbewahren.

Geeigneten Verpackung:

Nur in Originalverpackung aufbewahren.

Lagerklasse:

Lagerklasse LK 8 (Ätzende und korrosive Verbindungen)

Lagerbedingungen:

Trocken, kühl und gut belüftet.

Unverträgliche Materialien:

Nur in Originalverpackung aufbewahren.

7.3. Spezifische Endanwendungen

Dieses Produkt sollte nur für Anwendungen in Abschnitt 1.2 verwendet werden.

ABSCHNITT 8: BEGRENZUNG UND ÜBERWACHUNG DER EXPOSITION/PERSÖNLICHE SCHUTZAUSRÜSTUNGEN

8.1. Zu überwachende Parameter

Wasserstoffperoxid

Arbeitsplatzgrenzwert (8 Stunden) (mg/m³): 1,4

Kurzzeitwert (15 Minuten) (ppm): 2

Kurzzeitwert (15 Minuten) (mg/m³): 2,8

Arbeitsplatzgrenzwert (8 Stunden) (ppm): 1

Bemerkungen:

SSC = Eine Schädigung der Leibesfrucht braucht bei Einhaltung des MAK-Wertes nicht befürchtet zu werden.

Grenzwerte am Arbeitsplatz: MAK-/BAT-Werte (Erläuterungen), physikalische Einwirkungen, physische Belastungen.
(Publikationsnummer 1903.d)

DNEL

Wasserstoffperoxid

Prüfdauer:	Expositionswege:	DNEL:
Kurzfristig – Örtliche Auswirkungen - Allgemeine Bevölkerung	Inhalation	1.93 mg/m ³
Kurzfristig – Örtliche Auswirkungen - Arbeiter	Inhalation	3 mg/m ³
Langfristig – Örtliche Auswirkungen - Allgemeine Bevölkerung	Inhalation	0,21 mg/m ³
Langfristig – Örtliche Auswirkungen - Allgemeine Bevölkerung	Inhalation	210 µg/m ³
Langfristig – Örtliche Auswirkungen - Arbeiter	Inhalation	1.4 mg/m ³

PNEC

Wasserstoffperoxid

Expositionswege:	Dauer der Aussetzung:	PNEC:
Erde		0,023 mg/kg
Erde		1.9 µg/kg
Kläranlagen		466 mg/L
Pulsierende Freisetzung (Süßwasser)		13.8 µg/L
Seewasser		0,047 mg/L
Seewasser		12.6 µg/L
Seewassersedimente		0,047 mg/L
Seewassersedimente		47 µg/kg

Süßwasser		0,0126 mg/L
Süßwasser		12.6 µg/L
Süßwassersedimente		0,047 mg/kg
Süßwassersedimente		47 µg/kg

8.2. Begrenzung und Überwachung der Exposition

Es wird empfohlen die Einhaltung der angegebenen Grenzwerte regelmäßig zu kontrollieren.

Allgemeine Hinweise:

Rauchen, Verzehr von Lebensmitteln und Getränken sind im Arbeitsbereich nicht zulässig.

Expositionsszenarien:

Für dieses Produkt wurden keine Expositionsszenarien implementiert.

Expositionsgrenzwerte:

Für berufliche Benutzer gelten in Bezug auf die maximalen Expositionskonzentrationen die gesetzlichen Vorschriften zu Arbeitshygiene. Siehe die obigen arbeitshygienische Grenzwerte.

Zusätzliche Hinweise zur Gestaltung technischer Anlagen:

Dampfbildung muss auf ein Minimum reduziert werden und unter den aktuellen Grenzwerten liegen (siehe oben). Wenn der reguläre Luftstrom im Arbeitsraum nicht ausreichend ist, wird die Installation eines lokalen Abluftsystems empfohlen. Not- und Augenduschen müssen deutlich gekennzeichnet sind. Stellen Sie sicher, dass Augenspülstationen und Notduschen leicht erreichbar sind. Es gelten die üblichen Vorkehrungsmaßnahmen bei der Verwendung des Produkts. Einatmen von Dämpfen vermeiden.

Hygienemaßnahmen:

Kontaminierte Kleidung ausziehen und vor erneutem Tragen waschen.

Begrenzung der Umweltexposition:

Keine besonderen Anforderungen.

Individuelle Schutzmaßnahmen

Allgemeine Schutzmaßnahmen:

Nur Schutzausrüstung mit CE-Kennzeichnung verwenden.

Atemschutz:

Arbeitssituation	Typ	Klasse	Farbe	Normen	
Wenn ein Risiko von Dunst-/Aerosolbildung besteht	Vollmaske			EN136	

Körperschutz:

Empfohlen	Typ/Kategorien	Normen	
Es ist besondere Arbeitskleidung zu tragen.	-	-	

Handschutz:

Arbeitssituation	Material	Minimale Schichtdicke (mm)	Durchbruchzeit (min.)	Normen	
Im Falle längere Exposition oder bei hoher Konzentration	Nitrilkautschuk	0.4	> 480	EN374-2, EN16523-1, EN388	

Arbeitssituation	Material	Minimale Schichtdicke (mm)	Durchbruchzeit (min.)	Normen	
Im Falle längere Exposition oder bei hoher Konzentration	Butyl Handschuh	0,7	> 480	EN374-2, EN16523-1, EN388, EN421	

Augenschutz:

Typ	Normen	
Schutzbrille mit Seitenschutz tragen	EN166	

ABSCHNITT 9: PHYSIKALISCHE UND CHEMISCHE EIGENSCHAFTEN

9.1. Angaben zu den grundlegenden physikalischen und chemischen Eigenschaften

Form:

Flüssig

Farbe:

Farblos

Geruch / Geruchsschwelle (ppm):

Charakteristisch

pH:

2.5

Dichte (g/cm³):

1.1 (20 °C)

Kinematische Viskosität:

Es liegen keine Daten vor.

Partikeleigenschaften:

Gilt nicht für Flüssigkeiten.

Zustandsänderungen

Schmelzpunkt/Gefrierpunkt (°C):

Es liegen keine Daten vor.

Erweichungspunkt/-bereich (°C):

Gilt nicht für Flüssigkeiten.

Siedepunkt (°C):

100

Dampfdruck:

Es liegen keine Daten vor.

Relative Dampfdichte:

Es liegen keine Daten vor.

Zersetzungstemperatur (°C):

Es liegen keine Daten vor.

Explosions und Feuer Daten

Flammpunkt (°C):

Es liegen keine Daten vor.

Entzündbarkeit (°C):

Es liegen keine Daten vor.

Zündtemperatur (°C):

Es liegen keine Daten vor.

Explosionsgrenzen (% v/v):

Es liegen keine Daten vor.

Löslichkeit

Löslichkeit in Wasser:

Vollständig löslich

n-Octanol/Wasser Verteilungskoeffizient (LogKow):

Es liegen keine Daten vor.

Löslichkeit in Fett (g/L):

Es liegen keine Daten vor.

9.2. Sonstige Angaben

Weitere physikalische und chemische Parameter:

Es liegen keine Daten vor.

Brandfördernde Eigenschaften:

Es liegen keine Daten vor.

ABSCHNITT 10: STABILITÄT UND REAKTIVITÄT

10.1. Reaktivität

Es liegen keine Daten vor.

10.2. Chemische Stabilität

Das Produkt ist unter den in Abschnitt 7 aufgeführten Bedingungen stabil.

10.3. Möglichkeit gefährlicher Reaktionen

Keine bekannt.

10.4. Zu vermeidende Bedingungen

Keine bekannt.

10.5. Unverträgliche Materialien

Nur in Originalverpackung aufbewahren.

10.6. Gefährliche Zersetzungsprodukte

Unter normalen Lagerungs- und Verwendungsbedingungen sollten keine gefährlichen Zersetzungsprodukte entstehen.

ABSCHNITT 11: TOXIKOLOGISCHE ANGABEN

11.1. Angaben zu den Gefahrenklassen im Sinne der Verordnung (EG) Nr. 1272/2008

Akute Toxizität

Produkt / Substanz	Wasserstoffperoxid
Spezies:	Ratte
Expositionswegen:	Oral
Test:	LD50
Ergebnis:	1.193 - 1.270 mg/L

Produkt / Substanz	Wasserstoffperoxid
Spezies:	Kaninchen
Expositionswegen:	Dermal
Test:	LD50
Ergebnis:	>2.000 (35% oplossing) mg/kg

Gesundheitsschädlich bei Verschlucken.

Ätz-/Reizwirkung auf die Haut

Produkt / Substanz	iT.34 laundry stainremover pro active oxygen
Ergebnis:	Schädliche Wirkungen beobachtet (Reizend)

Produkt / Substanz	Wasserstoffperoxid
Ergebnis:	Schädliche Wirkungen beobachtet (Reizend)

Verursacht Hautreizungen.

Schwere Augenschädigung/-reizung

Produkt / Substanz	iT.34 laundry stainremover pro active oxygen
Ergebnis:	Schädliche Wirkungen beobachtet (Verursacht schwere Augenschäden)

Produkt / Substanz	Wasserstoffperoxid
Ergebnis:	Schädliche Wirkungen beobachtet (Verursacht schwere Augenschäden)

Verursacht schwere Augenschäden.

Sensibilisierung der Atemwege

Produkt / Substanz	Wasserstoffperoxid
Ergebnis:	Keine schädlichen Wirkungen beobachtet (nicht sensibilisierend)

Aufgrund der verfügbaren Daten sind die Einstufungskriterien nicht erfüllt.

Sensibilisierung der Haut

Aufgrund der verfügbaren Daten sind die Einstufungskriterien nicht erfüllt.

Keimzell-Mutagenität

Aufgrund der verfügbaren Daten sind die Einstufungskriterien nicht erfüllt.

Karzinogenität

Produkt / Substanz	Wasserstoffperoxid
Ergebnis:	Keine schädlichen Wirkungen beobachtet

Aufgrund der verfügbaren Daten sind die Einstufungskriterien nicht erfüllt.

Reproduktionstoxizität

Produkt / Substanz	Wasserstoffperoxid
Ergebnis:	Keine schädlichen Wirkungen beobachtet

Aufgrund der verfügbaren Daten sind die Einstufungskriterien nicht erfüllt.

Spezifische Zielorgan-Toxizität bei einmaliger Exposition

Kann Schläfrigkeit und Benommenheit verursachen.

Spezifische Zielorgan-Toxizität bei wiederholter Exposition

Aufgrund der verfügbaren Daten sind die Einstufungskriterien nicht erfüllt.

Aspirationsgefahr

Produkt / Substanz	Wasserstoffperoxid
Aufgrund der verfügbaren Daten sind die Einstufungskriterien nicht erfüllt.	

11.2. Angaben über sonstige Gefahren

Zusätzliche toxikologische Hinweise

Das Produkt enthält Substanzen, welche schwere Augenschäden verursachen. Der Kontakt mit diesen Stoffen kann irreversible Auswirkungen auf das Auge haben / schwere Augenschäden verursachen.

Endokrinschädlichen Eigenschaften

Diese Mischung/dieses Produkt enthält keine Substanzen, von denen angenommen wird, dass sie in Bezug auf die Gesundheit hormonstörende Eigenschaften aufweisen.

Sonstige Angaben

Wasserstoffperoxid : Der Stoff wurde von der IARC in Gruppe 3 eingestuft.

ABSCHNITT 12: UMWELTBEZOGENE ANGABEN

12.1. Toxizität

Produkt / Substanz	Wasserstoffperoxid
Spezies:	Fisch, Pimephales promelas
Prüfdauer:	96 Stunden
Test:	LC50
Ergebnis:	16,4 mg/L

Produkt / Substanz	Wasserstoffperoxid
Spezies:	Fisch, Leuciscus idus
Prüfdauer:	72 Stunden
Test:	LC50
Ergebnis:	35 mg/L

Produkt / Substanz	Wasserstoffperoxid
Spezies:	Fisch, Oncorhynchus mykiss
Prüfdauer:	7 Tage
Test:	LC50
Ergebnis:	38,5 mg/L

Produkt / Substanz	Wasserstoffperoxid
Spezies:	Daphnia pulex
Prüfdauer:	48 Stunden
Test:	EC50
Ergebnis:	2,4 mg/L

Produkt / Substanz	Wasserstoffperoxid
Spezies:	Daphnia magna
Prüfdauer:	24 Stunden
Test:	EC50
Ergebnis:	7,7 mg/L

Produkt / Substanz	Wasserstoffperoxid
Spezies:	Skeletonema costatum
Prüfdauer:	72 Stunden
Test:	EC50
Ergebnis:	1,38 mg/L

Produkt / Substanz	Wasserstoffperoxid
Prüfmethode:	OECD 209
Spezies:	Bakterien
Umwelt-kompartiment :	Aktivierte Kläranlage
Prüfdauer:	30 minutes
Test:	EC50

Ergebnis: 466 mg/L

Produkt / Substanz Wasserstoffperoxid
Prüfmethode: OECD 209
Spezies: Bakterien
Umwelt-kompartiment : Aktivierte Kläranlage
Prüfdauer: 3 Stunden
Test: EC50
Ergebnis: > 1.000 mg/L

Aufgrund der verfügbaren Daten sind die Einstufungskriterien nicht erfüllt.

12.2. Persistenz und Abbaubarkeit

Produkt / Substanz Wasserstoffperoxid
Ergebnis: Leichte biologische Abbaubarkeit

12.3. Bioakkumulationspotenzial

Produkt / Substanz Wasserstoffperoxid
LogKow: -1,57
Ergebnis: -

12.4. Mobilität im Boden

Es liegen keine Daten vor.

12.5. Ergebnisse der PBT- und vPvB-Beurteilung

Diese Mischung/dieses Produkt enthält keine Substanzen, die den Kriterien für eine Klassifizierung als PBT- und/oder vPvB-Stoff entsprechen.

12.6. Endokrinschädlichen Eigenschaften

Produkt / Substanz iT.34 laundry stainremover pro active oxygen
Ergebnis: Keine schädlichen Wirkungen beobachtet

Diese Mischung/dieses Produkt enthält keine Substanzen, von denen angenommen wird, dass sie in Bezug auf die Umwelt endokrinschädigende Eigenschaften aufweisen.

12.7. Andere schädliche Wirkungen

Keine bekannt.

ABSCHNITT 13: HINWEISE ZUR ENTSORGUNG

13.1. Verfahren der Abfallbehandlung

Das Produkt sollte als gefährlicher Abfall behandelt werden. (*)

HP 6 - Akute Toxizität

HP 8 - Ätzend

Inhalt/Behälter zugelassenem Entsorger oder kommunaler Sammelstelle zuführen.

VERORDNUNG (EU) Nr. 1357/2014 der Kommission vom 18. Dezember 2014 über Abfälle.

Abfallschlüsselnr. (EWC):

20 01 29* Reinigungsmittel, die gefährliche Stoffe enthalten

Ungereinigte Verpackungen

Verpackungen mit Produktrückständen sind nach den gleichen Bedingungen zu entsorgen, wie das Produkt selbst.

ABSCHNITT 14: ANGABEN ZUM TRANSPORT

	14.1 UN	14.2 Ordnungsgemäße UN- Versandbezeichnung	14.3 Transportgefahrenklassen	14.4 PG*	14.5. Env**	Weitere Angaben:
ADR	UN2014	WASSERSTOFFPEROXID, WÄSSRIGE LÖSUNG	Transportgefahren-klassen: 5.1 Gefahrzettel: 5.1+8 Klassifizierungscode: OC1  	II	Nein	Begrenzte Mengen: 1 L Tunnelbeschränkungs- code: (E) Nähere Informationen siehe unten.
IMDG	UN2014	HYDROGEN PEROXIDE, AQUEOUS SOLUTION with not less than 20% but not more than 60% hydrogen peroxide (stabilized as necessary)	Transportgefahren-klassen: 5.1 Gefahrzettel: 5.1+8 Klassifizierungscode: OC1  	II	Nein	Begrenzte Mengen: 1 L EmS: F-H S- Q Nähere Informationen siehe unten.
IATA	UN2014	HYDROGEN PEROXIDE, AQUEOUS SOLUTION with not less than 20% but not more than 60% hydrogen peroxide (stabilized as necessary)	Transportgefahren-klassen: 5.1 Gefahrzettel: 5.1+8 Klassifizierungscode: OC1  	II	Nein	Nähere Informationen siehe unten.

* Verpackungsgruppe

** Umweltgefahren

Anderes

Das Produkt fällt unter die Gefahrgutkonventionen.

ADR / Information zu besonderen Vorkehrungen, Bedingungen oder Warnungen in Bezug auf den Transport siehe Tabelle A, Abschnitt 3.2.1. Schriftliche Anweisungen zur Schadensvermeidung bei transportbezogenen Un- oder Zwischenfällen siehe Abschnitt 5.4.3.

IMDG / Information zu besonderen Vorkehrungen, Bedingungen oder Warnungen in Bezug auf den Transport siehe Abschnitt 3.2.1.

IATA / Information zu besonderen Vorkehrungen, Bedingungen oder Warnungen in Bezug auf den Transport siehe Tabelle 4.2.

14.6. Besondere Vorsichtsmaßnahmen für den Verwender

Nicht zutreffend.

14.7. Massengutbeförderung auf dem Seeweg gemäß IMO-Instrumenten

Es liegen keine Daten vor.

ABSCHNITT 15: RECHTSVORSCHRIFTEN

15.1. Vorschriften zu Sicherheit, Gesundheits- und Umweltschutz/spezifische Rechtsvorschriften für den Stoff oder das Gemisch

Nutzungsbeschränkungen:

Nur für gewerbliche Anwender.

Bedarf für spezielle Schulung:

Keine besonderen Anforderungen.

Der Störfallverordnung - Gefahrenkategorien / Namentlich aufgeführte gefährliche Stoffe:

Gesundheitsgefahren (H301 oder H302), Mengenschwelle = 200.000 kg

Verordnung von Ausgangsstoffen für Explosivstoffe:

Wasserstoffperoxid (Anhang I)

Kennzeichnung der Inhaltsstoffe gemäß Verordnung über Detergenzien 648/2004:

≥ 30%

· Bleichmittel auf Sauerstoffbasis

WGK-Einstufung:

Wassergefährdungsklasse: WGK 1

Anderes:

Nicht zutreffend.

Verwendete Quellen:

Gesetz zum Schutz der arbeitenden Jugend (Jugendarbeitsschutzgesetz – JArbSchG).

SR 814.81 Verordnung zur Reduktion von Risiken beim Umgang mit bestimmten besonders gefährlichen Stoffen, Zubereitungen und Gegenständen (Chemikalien-Risikoreduktions-Verordnung, ChemRRV) vom 18. Mai 2005 (Anhang 2.1)

SR 814.12 Verordnung über den Schutz vor Störfällen (Störfallverordnung, StFV) vom 27. Februar 1991 (Stand am 1. August 2019)

SR 814.610 Verordnung über den Verkehr mit Abfällen (VeVA) vom 22. Juni 2005 (Stand am 1. Januar 2020)

SR 814.610.1 Verordnung des UVEK über Listen zum Verkehr mit Abfällen vom 18. Oktober 2005 (Stand am 1. Januar 2018)

Verordnung (EU) 2019/1148 von Ausgangsstoffen für Explosivstoffe.

SR 813.11 Verordnung über den Schutz vor gefährlichen Stoffen und Zubereitungen (Chemikalienverordnung, ChemV) vom 5. Juni 2015 (Stand am 1. April 2020)

15.2. Stoffsicherheitsbeurteilung

Nein

ABSCHNITT 16: SONSTIGE ANGABEN

H-Sätze (Abschnitt 3)

H271, Kann Brand oder Explosion verursachen; starkes Oxidationsmittel.

H302, Gesundheitsschädlich bei Verschlucken.

H314, Verursacht schwere Verätzungen der Haut und schwere Augenschäden.

H315, Verursacht Hautreizungen.

H318, Verursacht schwere Augenschäden.

H319, Verursacht schwere Augenreizung.

H332, Gesundheitsschädlich bei Einatmen.

H336, Kann Schläfrigkeit und Benommenheit verursachen.

Abkürzungen und Akronyme

ADN = Europäisches Übereinkommen über die internationale Beförderung von gefährlichen Gütern auf Binnenwasserstrassen

ADR = Europäisches Übereinkommen über die internationale Beförderung gefährlicher Güter auf der Strasse

ak = andere kontrollpflichtige Abfälle

akb = andere kontrollpflichtige Abfälle mit Begleitscheinplicht

ATE = Schätzwert akute Toxizität

BCF = Biokonzentrationsfaktor

CAS = Chemical Abstracts Service

CE = Conformité Européenne (Europäische Konformität)

CLP = Verordnung über die Einstufung, Kennzeichnung und Verpackung [Verordnung (EG) Nr. 1272/2008]

CSA = Stoffsicherheitsbeurteilung

CSR = Stoffsicherheitsbericht

DMEL = Abgeleiteter Minimaler-Effekt-Grenzwert

DNEL = Abgeleiteter Nicht-Effekt-Grenzwert

EAK = Europäischer Abfallkatalog

EINECS = Altstoffverzeichnis

ES = Expositionsszenario EUH-Satz = CLP-spezifischer Gefahrenhinweis

EuPCS = Europäisches Produktkategorisierungssystem

GHS = Global harmonisiertes System zur Einstufung und Kennzeichnung von Chemikalien

GWP = Potenzial zur Erwärmung der Erdatmosphäre

IATA = Internationale Flug-Transport-Vereinigung

IBC = Intermediate Bulk Container

IMDG = Gefährliche Güter im internationalen Seeschiffsverkehr

LogPow = Dekadischer Logarithmus des Oktanol-Wasser-Verteilungskoeffizienten

MARPOL = Internationales Übereinkommen von 1973 zur Verhütung der Meeresverschmutzung durch Schiffe in der Fassung des Protokolls von 1978. ("Marpol" = marine pollution)

nwg = Nicht wassergefährdend

OECD = Organisation für wirtschaftliche Zusammenarbeit und Entwicklung

PBT = Persistent, bioakkumulierbar und toxisch

PNEC = Abgeschätzte Nicht-Effekt-Konzentration

RID = Regelung zur internationalen Eisenbahnbeförderung gefährlicher Güter

RRN = REACH Registriernummer

S = Sonderabfälle

SCL = Spezifischen Konzentrationsgrenzwert.

SVHC = Besonders besorgniserregende Substanzen

STOT-RE = Spezifische Zielorgan-Toxizität - Wiederholte Exposition

STOT-SE = Spezifische Zielorgan-Toxizität - Einmalige Exposition

UN = Vereinigte Nationen

UVCB = Stoffe mit unbekannter oder variabler Zusammensetzung, komplexe Reaktionsprodukte und biologische Materialien.

VOC = Flüchtige organische Verbindungen

vPvB = Sehr persistent und sehr bioakkumulierbar

WGK = Wassergefährdungsklasse

Anderes

Die Klassifizierung der Mischung hinsichtlich der Gesundheitsgefahren entspricht den von der Verordnung (EU) Nr. 1272/2008 (CLP) vorgegebenen Berechnungsmethoden.

Sicherheitsdatenblatt abgenommen durch

Quality & Compliance

Anderes

Änderungen im Verhältnis zur letzten umfassenden Revision (erste Ziffer in der SDS-Version, s. Abschnitt 1) dieses Sicherheitsdatenblatts sind mit einem Dreieck markiert.

Angaben in diesem Sicherheitsdatenblatt gelten nur für das Produkt in Abschnitt 1 und gelten nicht unbedingt bei Einsatz zusammen mit anderen Produkten.

Es wird empfohlen, dem tatsächlichen Produktbenutzer dieses Sicherheitsdatenblatt auszuhändigen. Die erwähnten Angaben sind nicht als Produktspezifikation zu verwenden.

Land-sprache: CH-de

HOJAS DE DATOS DE SEGURIDAD

iT.34 laundry stainremover pro active oxygen

SECCIÓN 1. IDENTIFICACIÓN DE LA SUSTANCIA O MEZCLA Y DE LA SOCIEDAD O EMPRESA

Nombre de la sustancia química peligrosa o mezcla

Nombre comercial:

iT.34 laundry stainremover pro active oxygen

Uso recomendado de la sustancia química peligrosa o mezcla, y restricciones de uso

Usos pertinentes identificados de la sustancia o de la mezcla:

Agentes de lavado y limpieza (incluso a base de disolventes)

Reservado exclusivamente a usuarios profesionales.

Usos desaconsejados:

Ningunos conocidos.

Datos del proveedor o fabricante

Nombre y dirección de la empresa:

Hygeniq B.V.

Postbus 618

7500 AP Enschede

The Netherlands

+31 53 4282860

+31 53 5393865

www.hygeniq.com

Correo electrónico:

info@hygeniq.com

HDS diseñada el:

15-08-2025

Versión HDS:

1.0

Número de teléfono en caso de emergencia

CITUC Información Toxicológica

Emergencias químicas: Tel: +56 2 2 247 3600 (24h/365 días)

Consulte la sección 4 para obtener información sobre primeros auxilios.

SECCIÓN 2. IDENTIFICACIÓN DEL PELIGRO O LOS PELIGROS

Clasificado de acuerdo con Reglamento de clasificación, etiquetado y notificación de sustancias químicas y mezclas peligrosas.

Clasificación de la sustancia o de la mezcla

Met. Corr. 1; H290, Puede ser corrosivo para los metales.

Acute Tox. 4; H302, Nocivo en caso de ingestión.

Skin Irrit. 2; H315, Provoca irritación cutánea.
Eye Dam. 1; H318, Provoca lesiones oculares graves.
STOT SE 3; H336, Puede provocar somnolencia o vértigo.

Elementos de la señalización

Pictogramas de precaución:



Palabra de advertencia:

Peligro

Indicaciones de peligro:

Puede ser corrosivo para los metales. (H290)
Nocivo en caso de ingestión. (H302)
Provoca irritación cutánea. (H315)
Provoca lesiones oculares graves. (H318)
Puede provocar somnolencia o vértigo. (H336)

Consejos de prudencia:

Generalidades:

No aplicable.

Prevención:

Lavarse manos y la piel expuesta concienzudamente tras la manipulación. (P264)
Llevar gafas/guantes/prendas de protección. (P280)

Intervención:

EN CASO DE CONTACTO CON LOS OJOS: Enjuagar con agua cuidadosamente durante varios minutos. Quitar las lentes de contacto cuando estén presentes y pueda hacerse con facilidad. Proseguir con el lavado. (P305+P351+P338)
Absorber el vertido para que no dañe otros materiales. (P390)

Almacenamiento:

Almacenar en un recipiente con revestimiento interior resistente. (P406)

Eliminación:

Eliminar el contenido/el recipiente De conformidad con la normativa local (P501)

Identificación de las sustancias principalmente responsables de los riesgos graves para la salud:

peróxido de hidrógeno en disolución 35%; agua oxigenada 35%

Etiquetado adicional:

No aplicable.

SECCIÓN 3. COMPOSICIÓN/INFORMACIÓN SOBRE LOS COMPONENTES

Sustancias

No aplicable. Este producto es una mezcla.

Mezclas

Producto / ingrediente	Identificadores	% w/w	Clasificación	Notas
peróxido de hidrógeno en disolución 35%; agua oxigenada 35%	Nº CAS: 7722-84-1 Nº CE: 231-765-0	30-50%	Ox. Liq. 1, H271 Acute Tox. 4, H302 Skin Corr. 1, H314 Skin Corr. 1A, H314 (SCL: 70,00 %) Skin Corr. 1B, H314 (SCL: 50,00 %)	

			Skin Irrit. 2, H315 (SCL: 35,00 %) Eye Dam. 1, H318 (SCL: 8,00 %) Eye Irrit. 2, H319 (SCL: 5,00 %) Acute Tox. 4, H332 STOT SE 3, H336 (SCL: 35,00 %)	

La redacción completa de las frases H se encuentra en la sección 16. Los límites de las condiciones laborales correctas se mencionan en la sección 8, siempre y cuando sean accesibles.

Otra información

-

SECCIÓN 4. PRIMEROS AUXILIOS

Descripción de los primeros auxilios

General:

En caso de accidente: Póngase en contacto con el médico o vaya a emergencias. Llévase la etiqueta o esta hoja de datos de seguridad.

Si los síntomas son permanentes o si tiene alguna duda sobre la situación del accidentado, consulte a un médico.

Nunca dé agua ni nada parecido a una persona inconsciente.

Inhalación:

En caso de dificultades respiratorias o irritación del tracto respiratorio: Lleve a la persona a un lugar en el que pueda respirar aire fresco y no la deje sin supervisión.

Contacto con la piel:

EN CASO DE CONTACTO CON LA PIEL: Lavar con abundante agua/agua y jabón.

Retire la ropa y calzado contaminado. Lave bien con agua y jabón la piel que haya estado en contacto con el material. NO utilice disolventes ni diluyentes.

En caso de irritación cutánea: Consultar a un médico.

Contacto con los ojos:

En caso de contacto con los ojos: Y enjuáguese los ojos con agua abundante (20-30 °C) hasta que la irritación desaparezca, y al menos durante 30 minutos. Quítese las lentes de contacto. Asegúrese de enjuagar bien los párpados. A continuación consulte a un médico. Busque asistencia médica inmediatamente y continúe enjuagando durante el transporte.

Ingestión:

EN CASO DE INGESTIÓN: Llamar a un CENTRO DE TOXICOLOGÍA/médico si la persona se encuentra mal.

Enjuagarse la boca.

Quemadura:

No aplicable.

Síntomas y efectos más importantes, agudos y crónicos

El producto contiene sustancias que causan lesiones oculares graves. El contacto con estas sustancias puede causar efectos irreversibles en los ojos o lesiones oculares graves.

Indicación de la necesidad de recibir atención médica inmediata y, en su caso, tratamiento especial

EN CASO DE exposición manifiesta o presunta:

Consultar a un médico inmediatamente.

Explicación para el médico

Lleve esta hoja de datos de seguridad o la etiqueta del material.

SECCIÓN 5. MEDIDAS DE LUCHA CONTRA INCENDIOS

Medios de extinción apropiados

No aplicable.

Peligros específicos de las sustancias químicas peligrosas o mezclas

En caso de incendio se genera un humo denso. La exposición a productos en descomposición puede representar un peligro para la salud. Los contenedores cerrados expuestos al fuego deben enfriarse con agua. No deje que el agua utilizada para apagar el fuego se vierta en la alcantarillado ni cursos de agua.

Medidas especiales que deberán seguir los grupos de combate contra incendio

Indumentaria normal de extinción y protección respiratoria total. En caso de contacto directo con la sustancia química el jefe de equipo deberá ponerse en contacto con el CITUC, Teléfono: +56 2 2 247 3600 para recibir instrucciones.

SECCIÓN 6. MEDIDAS QUE DEBEN TOMARSE EN CASO DE VERTIDO/DERRAME ACCIDENTAL

Precauciones personales, equipos de protección y procedimientos de emergencia

Evite el contacto directo con el producto vertido.

Asegure una ventilación adecuada, especialmente en áreas confinadas.

Evite inhalar vapores de la sustancia vertida.

Las áreas contaminadas pueden ser resbaladizas.

Precauciones relativas al medio ambiente

Evite los vertidos en lagos, ríos, alcantarillas y demás.

Mantenga a las personas no autorizadas alejadas del derrame.

Métodos y materiales para la contención y limpieza de derrames o fugas

Contenga y recoja los derrames con material absorbente no combustible, por ejemplo: arena, tierra, vermiculita o tierra de diatomeas y colocar en un recipiente para su eliminación de acuerdo con las normas locales.

Siempre que sea posible, efectúe la limpieza con detergentes. Evite utilizar disolventes.

Referencia a otras secciones

Consulte la sección 13 "Consideraciones relativas a la eliminación" sobre el manejo de desechos.

Consulte la sección 8 "Controles de exposición/protección individual" para conocer las disposiciones de seguridad.

SECCIÓN 7. MANIPULACIÓN Y ALMACENAMIENTO

Precauciones que se deben tomar para garantizar un manejo seguro

Evite el contacto directo con el producto.

No está permitido fumar, comer ni beber en el lugar de trabajo.

Consulte la sección "Controles de exposición/protección individual" para conocer las disposiciones de seguridad personal.

Condiciones de almacenamiento seguro, incluida cualquier incompatibilidad

Los envases abiertos deben cerrarse perfectamente con cuidado y mantenerse en posición vertical para evitar derrames.

Almacenar en un recipiente con revestimiento interior resistente.

Consulte el Reglamento de almacenamiento de sustancias peligrosas (Decreto 78) para obtener más orientación.

Compatibilidades de embalaje:

Conservar únicamente en el embalaje original.

Temperatura de almacenamiento:

Conservar en lugar fresco, seco y bien ventilado

Materiales incompatibles:

Conservar únicamente en el embalaje original.

Usos específicos finales

Este producto sólo debe utilizarse para los fines descritos en la sección 1.2.

SECCIÓN 8. CONTROLES DE EXPOSICIÓN/PROTECCIÓN PERSONAL

Parámetros de control

peróxido de hidrógeno en disolución 35%; agua oxigenada 35%

Valor límite ambiental-exposición diaria (8 horas) (VLA-ED) (mg/m³): 1,23

Valor límite ambiental-exposición diaria (8 horas) (VLA-ED) (ppm): 0,9

Notas:

A.3 = Carcinógeno confirmado en animales con desconocimiento relevante para humanos.

Reglamento sobre condiciones sanitarias y ambientales básicas en los lugares de trabajo. Decreto supremo n°594/99.

Controles de la exposición

Compruebe regularmente que no se superan los valores límite indicados.

Medidas de precaución generales:

No está permitido fumar, comer ni beber en el lugar de trabajo.

Escenarios de exposición:

No hay escenarios de exposición implementados para este producto.

Límites de exposición:

Los usuarios profesionales quedan cubiertos a las normas de la legislación medioambiental relativa a máximas concentraciones de exposición. Consulte los límites laborales a arriba.

Controles técnicos apropiados:

La formación de vapor se debe mantener al mínimo y por debajo de los valores del límite de corriente (ver arriba).

Se recomienda instalar un sistema de extracción local si el flujo de aire normal en la sala de trabajo no es suficiente. Asegúrese de que los limpiadores de ojos y las duchas de emergencia estén claramente indicadas.

Asegúrese de que las estaciones de lavado de ojos y las duchas de seguridad estén ubicadas en un lugar de fácil acceso.

Tome precauciones estándar durante el uso de este producto. Evite la inhalación de vapores.

Disposiciones higiénicas:

Quitar las prendas contaminadas y lavarlas antes de volver a usarlas.

Disposiciones para limitar la exposición del entorno:

No tiene requisitos específicos.

Medidas de protección individual, como equipo de protección personal, EPP

General:

Solamente utilizar equipos de protección con la marca CE.

Protección de las vías respiratorias:

La situación de trabajo	Tipo	Clase	Color	Normas	
Cuando hay riesgo de formación de niebla/aerosol	Mascarilla de rostro completo			EN136	

Protección de la piel:

Recomendado	Tipo/Categoría	Normas	
Debería utilizarse ropa de trabajo específica.	-	-	

Manos:

La situación de trabajo	Material	Espesura mínima de capa (mm)	Tiempo de penetración (min.)	Normas	
En caso de exposición prolongada o de altas concentraciones	Caucho de nitrilo	0,4	> 480	EN374-2, EN16523-1, EN388	
En caso de exposición prolongada o de altas concentraciones	Caucho de Butilo	0,7	> 480	EN374-2, EN16523-1, EN388, EN421	

Protección de los ojos y la cara:

Tipo	Normas	
Use gafas de seguridad con protección lateral.	EN166	

SECCIÓN 9. PROPIEDADES FÍSICAS Y QUÍMICAS

Información sobre propiedades físicas y químicas básicas

Estado físico:

Líquido

Color:

Incoloro

Olor:

Característico

Umbral del olor (ppm):

No se dispone de datos.

Potencial de hidrógeno, pH:

2,5

Densidad (g/cm³):

1,1 (20 °C)

Viscosidad:

No se dispone de datos.

Cambio de estado y vapores

Punto de fusión/punto de congelación (°C):

No se dispone de datos.

El punto o intervalo/reblandecimiento (°C):

No se aplica a los líquidos.

Punto inicial e intervalo de ebullición (°C):

100

Presión de vapor:

No se dispone de datos.

Densidad de vapor:

No se dispone de datos.

Temperatura de descomposición (°C):

No se dispone de datos.

Tasa de evaporación (acetato de n-butilo = 100):

Datos de riesgo de incendio y explosión

Inflamabilidad (°C):

No se dispone de datos.

Inflamabilidad (°C):

No se dispone de datos.

Temperatura de ignición espontánea (°C):

No se dispone de datos.

Límite superior/inferior de inflamabilidad o explosividad (% v/v):

No se dispone de datos.

Solubilidad

Solubilidad en agua:

Completamente soluble

Coefficiente de partición n-octanol/agua:

No se dispone de datos.

Solubilidad en grasa (g/L):

No se dispone de datos.

Otros datos relevantes

Otros parámetros físicos y químicos:

No se dispone de datos.

Propiedades oxidantes:

No se dispone de datos.

SECCIÓN 10. ESTABILIDAD Y REACTIVIDAD

Reactividad

No se dispone de datos.

Estabilidad química

El producto es estable bajo las condiciones indicadas en la sección 7 "Manipulación y almacenamiento".

Posibilidad de reacciones peligrosas

Ningunos conocidos.

Condiciones que deberán evitarse

Ningunos conocidos.

Materiales incompatibles

Conservar únicamente en el embalaje original.

Productos de descomposición peligrosos

En condiciones normales de almacenamiento y uso, no se deben formar productos de descomposición peligrosos.

SECCIÓN 11. INFORMACIÓN TOXICOLÓGICA

Información sobre los efectos toxicológicos

Toxicidad aguda

Producto / ingrediente	peróxido de hidrógeno en disolución 35%; agua oxigenada 35%
Especies:	Rata
Vía de exposición:	Oral
Prueba:	DL50
Resultado:	1.193 - 1.270 mg/L

Producto / ingrediente	peróxido de hidrógeno en disolución 35%; agua oxigenada 35%
Especies:	Conejo
Vía de exposición:	Dérmico
Prueba:	DL50
Resultado:	>2.000 (35% oplossing) mg/kg

Nocivo en caso de ingestión.

Corrosión o irritación cutáneas

Producto / ingrediente	iT.34 laundry stainremover pro active oxygen
Resultado:	Se observan efectos adversos (Irritante)

Producto / ingrediente	peróxido de hidrógeno en disolución 35%; agua oxigenada 35%
Resultado:	Se observan efectos adversos (Irritante)

Provoca irritación cutánea.

Lesiones o irritación ocular graves

Producto / ingrediente	iT.34 laundry stainremover pro active oxygen
Resultado:	Se observan efectos adversos (Provoca lesiones oculares graves)

Producto / ingrediente	peróxido de hidrógeno en disolución 35%; agua oxigenada 35%
Resultado:	Se observan efectos adversos (Provoca lesiones oculares graves)

Provoca lesiones oculares graves.

Sensibilización respiratoria

Producto / ingrediente	peróxido de hidrógeno en disolución 35%; agua oxigenada 35%
Resultado:	No se observan efectos adversos (no sensibilizantes)

A la vista de los datos disponibles, no se cumplen los criterios de clasificación.

Sensibilización cutánea

A la vista de los datos disponibles, no se cumplen los criterios de clasificación.

Mutagenicidad en células germinales

A la vista de los datos disponibles, no se cumplen los criterios de clasificación.

Carcinogenicidad

Producto / ingrediente	peróxido de hidrógeno en disolución 35%; agua oxigenada 35%
Conclusión:	No se observan efectos adversos

A la vista de los datos disponibles, no se cumplen los criterios de clasificación.

peróxido de hidrógeno en disolución 35%; agua oxigenada 35% ha sido clasificado por IARC como grupo 3.

Toxicidad para la reproducción

Producto / ingrediente	peróxido de hidrógeno en disolución 35%; agua oxigenada 35%
Conclusión:	No se observan efectos adversos

A la vista de los datos disponibles, no se cumplen los criterios de clasificación.

Toxicidad sistémica específica del órgano blanco - Exposición única

Puede provocar somnolencia o vértigo.

Toxicidad sistémica específica del órgano blanco - Exposiciones repetidas

A la vista de los datos disponibles, no se cumplen los criterios de clasificación.

Peligro por aspiración

Producto / ingrediente peróxido de hidrógeno en disolución 35%; agua oxigenada 35%

A la vista de los datos disponibles, no se cumplen los criterios de clasificación.

Efectos a largo plazo

El producto contiene sustancias que causan lesiones oculares graves. El contacto con estas sustancias puede causar efectos irreversibles en los ojos o lesiones oculares graves.

SECCIÓN 12. INFORMACIÓN ECOTOXICOLÓGICA

Toxicidad

Producto / ingrediente	peróxido de hidrógeno en disolución 35%; agua oxigenada 35%
Especies:	Pez, Pimephales promelas
Duración:	96 horas
Prueba:	CL50
Resultado:	16,4 mg/L

Producto / ingrediente	peróxido de hidrógeno en disolución 35%; agua oxigenada 35%
Especies:	Pez, Leuciscus idus
Duración:	72 horas
Prueba:	CL50
Resultado:	35 mg/L

Producto / ingrediente	peróxido de hidrógeno en disolución 35%; agua oxigenada 35%
Especies:	Pez, Oncorhynchus mykiss
Duración:	7 días
Prueba:	CL50
Resultado:	38,5 mg/L

Producto / ingrediente	peróxido de hidrógeno en disolución 35%; agua oxigenada 35%
Especies:	Daphnia pulex
Duración:	48 horas
Prueba:	CE50
Resultado:	2,4 mg/L

Producto / ingrediente	peróxido de hidrógeno en disolución 35%; agua oxigenada 35%
Especies:	Daphnia magna
Duración:	24 horas
Prueba:	CE50
Resultado:	7,7 mg/L

Producto / ingrediente	peróxido de hidrógeno en disolución 35%; agua oxigenada 35%
Especies:	Skeletonema costatum
Duración:	72 horas
Prueba:	CE50
Resultado:	1,38 mg/L

Producto / ingrediente	peróxido de hidrógeno en disolución 35%; agua oxigenada 35%
Método de ensayo:	OCDE 209
Especies:	Bacterias

Compartimento medioambiental:	Planta de fango activada
Duración:	30 minutos
Prueba:	CE50
Resultado:	466 mg/L

Producto / ingrediente	peróxido de hidrógeno en disolución 35%; agua oxigenada 35%
Método de ensayo:	OCDE 209
Especies:	Bacterias
Compartimento medioambiental:	Planta de fango activada
Duración:	3 horas
Prueba:	CE50
Resultado:	> 1.000 mg/L

A la vista de los datos disponibles, no se cumplen los criterios de clasificación.

Persistencia y degradabilidad

Producto / ingrediente	peróxido de hidrógeno en disolución 35%; agua oxigenada 35%
Conclusión:	Fácil biodegradabilidad

Potencial de bioacumulación

Producto / ingrediente	peróxido de hidrógeno en disolución 35%; agua oxigenada 35%
LogKow:	-1,57
Conclusión:	-

Movilidad en el suelo

No se dispone de datos.

Resultados de la valoración PBT y mPmB

No se considera que esta combinación/producto contenga sustancias que cumplan los criterios de clasificación como PBT y/o mPmB.

Otros efectos adversos

Ningunos conocidos.

SECCIÓN 13. INFORMACIÓN RELATIVA A LA ELIMINACIÓN DE LA SUSTANCIA O MEZCLA

Métodos para el tratamiento de residuos

Eliminar el contenido/el recipiente en un punto de recogida de residuos especiales.
El producto está bajo las Reglamento sanitario sobre manejo de residuos peligrosos.

Contenedor contaminado

Los embalajes con restos del producto deben eliminarse siguiendo el mismo procedimiento que el resto del producto.

SECCIÓN 14. INFORMACIÓN RELATIVA AL TRANSPORTE

	14.1 ONU	14.2 Designación oficial de transporte	14.3 Clase(s) de peligro	14.4 PG*	14.5. Env**	Otra informació n:
ADR	UN2014	PERÓXIDO DE HIDRÓGENO EN SOLUCIÓN ACUOSA con un mínimo del 20% y un máximo del 60% de peróxido de hidrógeno (estabilizada según sea necesario)	Clase: 5.1 Etiquetas: 5.1+8 Código de clasificación: OC1  	II	No	Cantidades limitadas: 1 L Código de restricción en túneles: (E) Véase a continuación para obtener información adicional
IMDG	UN2014	HYDROGEN PEROXIDE, AQUEOUS SOLUTION with not less than 20% but not more than 60% hydrogen peroxide (stabilized as necessary)	Clase: 5.1 Etiquetas: 5.1+8 Código de clasificación: OC1  	II	No	Cantidades limitadas: 1 L EmS: F-H S-Q Véase a continuación para obtener información adicional
IATA	UN2014	HYDROGEN PEROXIDE, AQUEOUS SOLUTION with not less than 20% but not more than 60% hydrogen peroxide (stabilized as necessary)	Clase: 5.1 Etiquetas: 5.1+8 Código de clasificación: OC1  	II	No	Véase a continuación para obtener información adicional

* Grupo de embalaje

** Peligros para el medio ambiente

Otros

El producto está cubierto por las convenciones relativas a productos peligrosos.

NCh382 / Consultar la tabla A, sección 3.2.1, para más información sobre disposiciones, requisitos o advertencias especiales en relación con el transporte. Consultar la sección 5.4.3 para obtener instrucciones por escrito sobre la mitigación de daños en relación con incidentes o accidentes durante el transporte.

IMDG / Consultar la sección 3.2.1, para más información sobre disposiciones, requisitos o advertencias especiales en relación con el transporte.

IATA / Consultar la tabla 4.2, para más información sobre disposiciones, requisitos o advertencias especiales en relación con el transporte.

Hazchem Code: 2P

Precauciones especiales para el usuario

No aplicable.

Transporte a granel con arreglo al anexo II de MARPOL 73/78 y al Código CIQ (IBC por sus siglas en inglés).

No se dispone de datos.

SECCIÓN 15. INFORMACIÓN SOBRE LA REGLAMENTACIÓN

Reglamentación y legislación en materia de seguridad, salud y medio ambiente específicas para la sustancia o la mezcla

Limitaciones de uso:

- Reservado exclusivamente a usuarios profesionales.
- El producto no puede ser utilizado profesionalmente por menores de 18 años.

Requisitos de formación específica:

- No tiene requisitos específicos.

Otra información:

- No aplicable.

Fuentes:

- Decreto 148. Aprueba reglamento sanitario sobre manejo de residuos peligrosos ministerio de salud (Fecha Publicación: 16-jun-2004).
- Decreto 78, Reglamento de almacenamiento de sustancias peligrosas (11-Sep-2010)
- Reglamento sobre condiciones sanitarias y ambientales básicas en los lugares de trabajo. Decreto supremo n°594/99.
- Código del Trabajo, Dirección del Trabajo, Octubre 2018 (Ley 18.620)
- Reglamento sobre prevención de riesgos profesionales (Decreto Supremo N° 40 de 1969)
- Reglamento de clasificación, etiquetado y notificación de sustancias químicas y mezclas peligrosas. Núm. 57, Santiago, 26 de noviembre de 2019.

Evaluación de la seguridad química

No

SECCIÓN 16. OTRAS INFORMACIONES

Redacción completa de las frases H descrita en la sección 3

- H271, Puede provocar un incendio o una explosión; muy comburente.
- H302, Nocivo en caso de ingestión.
- H314, Provoca quemaduras graves en la piel y lesiones oculares graves.
- H315, Provoca irritación cutánea.
- H318, Provoca lesiones oculares graves.
- H319, Provoca irritación ocular grave.
- H332, Nocivo en caso de inhalación.
- H336, Puede provocar somnolencia o vértigo.

Redacción completa de los usos identificados mencionados de la sección 1

Ningunos conocidos.

Siglas o abreviaturas

- CAS = Servicio de Resúmenes Químicos
- COV = Compuestos Orgánicos Volátiles
- DOF = Diario Oficial de la Federación
- EINECS = Inventario Europeo de Sustancias Químicas Existentes Comercializadas
- ETA = Estimación de Toxicidad Aguda
- FBC = Factor de Bioconcentración
- GHS = Sistema Globalmente Armonizado de Clasificación y Etiquetado de Productos Químicos (SGA)
- IARC = Agência Internacional de Pesquisa em Câncer
- IATA = Asociación de Transporte Aéreo Internacional
- IBC = Contenedor intermedio para productos a granel
- IMDG = Código Marítimo Internacional de Mercancías Peligrosas
- Log Koc = coeficiente de adsorción del suelo
- Log Kow = logaritmo del coeficiente de reparto octanol/agua
- MARPOL = Convenio Internacional para Prevenir la Contaminación por los Buques, 1973 con el Protocolo de 1978.

("Marpol" = contaminación marina)

mPmB = Muy Persistente y Muy Bioacumulativa

NCh = Normas Chilenas

OCDE = Organización de Cooperación y Desarrollo Económico

ONU = Organización de las Naciones Unidas

PBT = Persistente, Bioacumulativo y Tóxico

RID = Reglamento de Transporte Internacional de Mercancías Peligrosas por Ferrocarril

SCL = Límite de concentración específico (LCE).

SGA = Sistema Globalmente Armonizado

STOT-RE = Toxicidad Específica en Determinados Órganos - Exposiciones Repetidas

STOT-SE = Toxicidad Específica en Determinados Órganos - Exposición Única

STPS = Secretario del Trabajo y Previsión Social

UVCB = Significa sustancias de composición desconocida o variable, productos de reacción complejos y materiales biológicos

Otra información

La clasificación de la mezcla en relación a los riesgos para la salud se conforme a los métodos de cálculo que se indican en el Reglamento de clasificación, etiquetado y notificación de sustancias químicas y mezclas peligrosas.

Ficha de datos de seguridad es validada por

Quality & Compliance

Otros

Las modificaciones en relación a la presente revisión (primera cifra en la Versión FDS, véase sección 1) de esta hoja de datos de seguridad se marcan con un triángulo.

La información que contiene esta hoja de la ficha de datos de seguridad se aplica únicamente al producto indicado en la sección 1 y no tiene por qué ser aplicable si se utiliza con otros productos.

Se recomienda entregar esta hoja de la ficha de datos de seguridad al usuario del producto. La información indicada no se puede utilizar como ficha técnica del producto.

País-idioma: CL-es

SAFETY DATA SHEET

iT.34 laundry stainremover pro active oxygen

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Trade name:

iT.34 laundry stainremover pro active oxygen

1.2. Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses of the substance or mixture:

Washing and cleaning products (including solvent based products)

Restricted to professional users.

Uses advised against:

None known.

1.3. Details of the supplier of the safety data sheet

Company and address:

Hygeniq B.V.

Postbus 618

7500 AP Enschede

The Netherlands

+31 53 4282860

+31 53 5393865

www.hygeniq.com

E-mail:

info@hygeniq.com

SDS date:

15/08/2025

SDS Version:

1.0

1.4. Emergency telephone number

National Poison Control Center, Chinese Center for Disease Control and Prevention: +86-10-12320 (24 h emergency call)

SECTION 2: HAZARDS IDENTIFICATION

Classified according to the chemical classification standards: GB 30000.2-2013 to GB 30000.29-2013.

2.1. Classification of the substance or mixture

Met. Corr. 1; H290, May be corrosive to metals.

Acute Tox. 4; H302, Harmful if swallowed.

Skin Irrit. 2; H315, Causes skin irritation.

Eye Dam. 1; H318, Causes serious eye damage.

STOT SE 3; H336, May cause drowsiness or dizziness.

2.2. Label elements

Hazard pictogram(s):



Signal word:

Danger

Hazard statement(s):

May be corrosive to metals. (H290)

Harmful if swallowed. (H302)

Causes skin irritation. (H315)

Causes serious eye damage. (H318)

May cause drowsiness or dizziness. (H336)

Precautionary statement(s):

General:

Not applicable.

Prevention:

Wash hands and exposed skin thoroughly after handling. (P264)

Wear eye protection/protective gloves/protective clothing. (P280)

Response:

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

Continue rinsing. (P305+P351+P338)

Absorb spillage to prevent material damage. (P390)

Storage:

Store in a container with a resistant inner liner. (P406)

Disposal:

Dispose of contents/container in accordance with local regulation.
(P501)

Hazardous substances:

hydrogen peroxide

Additional labelling:

Not applicable.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substances

Not applicable. This product is a mixture.

3.2. Mixtures

Product/substance	Identifiers	% w/w	Classification	Note
hydrogen peroxide	CAS No.: 7722-84-1 EC No.: 231-765-0	30-50%	Ox. Liq. 1, H271 Acute Tox. 4, H302 Skin Corr. 1A, H314 (SCL: 70.00 %) Skin Corr. 1B, H314 (SCL: 50.00 %) Skin Irrit. 2, H315 (SCL: 35.00 %) Eye Dam. 1, H318 (SCL: 8.00 %) Eye Irrit. 2, H319 (SCL: 5.00 %)	

			Acute Tox. 4, H332 STOT SE 3, H336 (SCL: 35.00 %)	

See full text of H-phrases in section 16. Occupational exposure limits are listed in section 8, if these are available.

Other information

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

General information:

If breathing is irregular, drowsiness, loss of consciousness or cramps: Call Shang Hai center of toxic chemicals information & consultation (+86 400-6267-911) and give immediate treatment (first aid).
Contact a doctor if in doubt about the injured person's condition or if the symptoms persist. Never give an unconscious person water or other drink.

Inhalation:

Upon breathing difficulties or irritation of the respiratory tract: Bring the person into fresh air and stay with him/her.

Skin contact:

IF ON SKIN: Wash with plenty of water/water and soap.
Remove contaminated clothing and shoes. Ensure to wash exposed skin thoroughly with water and soap. DO NOT use solvents or thinners.
If skin irritation occurs: Get medical advice/attention.

Eye contact:

If in eyes: Flush eyes with plenty of water or salt water (20-30 °C) for at least 30 minutes and continue until irritation stops. Remove contact lenses. Make sure you flush under the upper and lower eyelids. Seek medical assistance immediately and continue flushing during transport.

Ingestion:

IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.
Rinse mouth.

Burns:

Not applicable.

4.2. Most important symptoms and effects, both acute and delayed

The product contains substances that cause serious eye damage. Contact with these substances can cause irreversible effects on the eye / serious eye damage.

4.3. Indication of any immediate medical attention and special treatment needed

IF exposed or concerned:
Get immediate medical advice/attention.

Information to medic

Bring this safety data sheet or the label from this product.

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Not applicable.

5.2. Special hazards arising from the substance or mixture

Fire will result in dense smoke. Exposure to combustion products may harm your health. Closed containers, which are exposed to fire, should be cooled with water. Do not allow fire-extinguishing water to enter the sewage system and nearby surface waters.

5.3. Advice for firefighters

Wear self-contained breathing apparatus and protective clothing to prevent contact. Upon direct exposure contact National Poison Control Center, Chinese Center for Disease Control and Prevention: +86-10-12320 in order to obtain further advice.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Avoid direct contact with spilled substances.
Ensure adequate ventilation, especially in confined areas.
Avoid inhalation of vapours from spilled material.
Contaminated areas may be slippery.

6.2. Environmental precautions

Avoid discharge to lakes, streams, sewers, etc.
Keep unauthorized persons away from the spill

6.3. Methods and material for containment and cleaning up

Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations.
Wherever possible cleaning should be performed with normal cleaning agents. Avoid use of solvents.

6.4. Reference to other sections

See section 13 "Disposal considerations" on handling of waste.
See section 8 "Exposure controls/personal protection" for protective measures.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Avoid direct contact with the product.
Smoking, drinking and consumption of food is not allowed in the work area.
See section 8 "Exposure controls/personal protection" for information on personal protection.

7.2. Conditions for safe storage, including any incompatibilities

Containers that have been opened must be carefully resealed and kept upright to prevent leakage.
Store in a container with a resistant inner liner.

Recommended storage material:

Keep only in original packaging.

Storage conditions:

Dry, cool and well ventilated

Incompatible materials:

Keep only in original packaging.

7.3. Specific end use(s)

This product should only be used for applications quoted in section 1.2.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

hydrogen peroxide

Long term exposure limit (8 hours) (mg/m³): 1,5

GBZ 2.1-2019 (Occupational exposure limits for hazardous agents in the workplace)

8.2. Exposure controls

Compliance with the given occupational exposure limits values should be controlled on a regular basis.

General recommendations:

Smoking, drinking and consumption of food is not allowed in the work area.

Exposure scenarios:

There are no exposure scenarios implemented for this product.

Exposure limits:

Professional users are subjected to the legally set maximum concentrations for occupational exposure. See occupational hygiene limit values above.

Appropriate technical measures:

The formation of vapours must be kept at a minimum and below current limit values (see above). Installation of a local exhaust system if normal air flow in the work room is not sufficient is recommended. Ensure eyewash and emergency showers are clearly marked.

Ensure that eyewash stations and safety showers are located within easy reach.

Apply standard precautions during use of the product. Avoid inhalation of vapours.

Hygiene measures:

Take off contaminated clothing and wash it before reuse.

Measures to avoid environmental exposure:

No specific requirements.

Individual protection measures, such as personal protective equipment

Generally:

Use only CE marked protective equipment.

Respiratory Equipment:

Work situation	Type	Class	Colour	Standards	
When there is risk of formation of mist/aerosol	Full mask			EN136	

Skin protection:

Recommended	Type/Category	Standards	
Dedicated work clothing should be worn.	-	-	

Hand protection:

Work situation	Material	Glove thickness (mm)	Breakthrough time (min.)	Standards	
In the event of prolonged exposure or high concentrations	Nitrile	0.4	> 480	EN374-2, EN16523-1, EN388	
In the event of prolonged exposure or high concentrations	Butyl	0,7	> 480	EN374-2, EN16523-1, EN388, EN421	

Eye protection:

Type	Standards	
Safety glasses with side shields.	EN166	

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Form:

Liquid

Colour:

Colourless

Odour:

Characteristic

Odour threshold (ppm):

No data available.

pH:

2.5

Density (g/cm³):

1.1 (20 °C)

Kinematic viscosity:

No data available.

Particle characteristics:

Does not apply to liquids.

Phase changes

Melting point/Freezing point (°C):

No data available.

Softening point/range (°C):

Does not apply to liquids.

Boiling point (°C):

100

Vapour pressure:

No data available.

Relative vapour density:

No data available.

Decomposition temperature (°C):

No data available.

Evaporation rate (n-butylacetate = 100):

Data on fire and explosion hazards

Flash point (°C):

No data available.

Flammability (°C):

No data available.

Auto-ignition temperature (°C):

No data available.

Explosion limits (% v/v):

No data available.

Solubility

Solubility in water:

Completely soluble

n-octanol/water coefficient:

No data available.

Solubility in fat (g/L):

No data available.

9.2. Other information

Other physical and chemical parameters:

No data available.

Oxidizing properties:

No data available.

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

No data available.

10.2. Chemical stability

The product is stable under the conditions, noted in section 7 "Handling and storage".

10.3. Possibility of hazardous reactions

None known.

10.4. Conditions to avoid

None known.

10.5. Incompatible materials

Keep only in original packaging.

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Acute toxicity

Product/substance	hydrogen peroxide
Species:	Rat
Route of exposure:	Oral
Test:	LD50
Result:	1.193 - 1.270 mg/L

Product/substance	hydrogen peroxide
Species:	Rabbit
Route of exposure:	Dermal
Test:	LD50
Result:	>2.000 (35% oplossing) mg/kg

According to China GHS Standards: GB/T 16483-2008 and GB/T 17519-2013

Harmful if swallowed.

Skin corrosion/irritation

Product/substance	iT.34 laundry stainremover pro active oxygen
Result:	Adverse effect observed (Irritating)

Product/substance	hydrogen peroxide
Result:	Adverse effect observed (Irritating)

Causes skin irritation.

Serious eye damage/irritation

Product/substance	iT.34 laundry stainremover pro active oxygen
Result:	Adverse effect observed (Causes serious eye damage)

Product/substance	hydrogen peroxide
Result:	Adverse effect observed (Causes serious eye damage)

Causes serious eye damage.

Respiratory sensitisation

Product/substance	hydrogen peroxide
Result:	No adverse effect observed (not sensitising)

Based on available data, the classification criteria are not met.

Skin sensitisation

Based on available data, the classification criteria are not met.

Germ cell mutagenicity

Based on available data, the classification criteria are not met.

Carcinogenicity

Product/substance	hydrogen peroxide
Conclusion:	No adverse effect observed

Based on available data, the classification criteria are not met.

Reproductive toxicity

Product/substance	hydrogen peroxide
Conclusion:	No adverse effect observed

Based on available data, the classification criteria are not met.

STOT-single exposure

May cause drowsiness or dizziness.

STOT-repeated exposure

Based on available data, the classification criteria are not met.

Aspiration hazard

Product/substance	hydrogen peroxide

Based on available data, the classification criteria are not met.

Long term effects

The product contains substances that cause serious eye damage. Contact with these substances can cause irreversible effects on the eye / serious eye damage.

Other information

hydrogen peroxide has been classified by IARC as a group 3 carcinogen.

SECTION 12: ECOLOGICAL INFORMATION

According to China GHS Standards: GB/T 16483-2008 and GB/T 17519-2013

12.1. Toxicity

Product/substance	hydrogen peroxide
Species:	Fish, Pimephales promelas
Duration:	96 hours
Test:	LC50
Result:	16,4 mg/L

Product/substance	hydrogen peroxide
Species:	Fish, Leuciscus idus
Duration:	72 hours
Test:	LC50
Result:	35 mg/L

Product/substance	hydrogen peroxide
Species:	Fish, Oncorhynchus mykiss
Duration:	7 days
Test:	LC50
Result:	38,5 mg/L

Product/substance	hydrogen peroxide
Species:	Daphnia pulex
Duration:	48 hours
Test:	EC50
Result:	2,4 mg/L

Product/substance	hydrogen peroxide
Species:	Daphnia magna
Duration:	24 hours
Test:	EC50
Result:	7,7 mg/L

Product/substance	hydrogen peroxide
Species:	Skeletonema costatum
Duration:	72 hours
Test:	EC50
Result:	1,38 mg/L

Product/substance	hydrogen peroxide
Test method:	OECD 209
Species:	Bacteria
Compartment:	Activated Sludge Plant
Duration:	30 minutes
Test:	EC50
Result:	466 mg/L

Product/substance	hydrogen peroxide
Test method:	OECD 209
Species:	Bacteria
Compartment:	Activated Sludge Plant
Duration:	3 hours
Test:	EC50
Result:	> 1.000 mg/L

Based on available data, the classification criteria are not met.

12.2. Persistence and degradability

Product/substance	hydrogen peroxide

According to China GHS Standards: GB/T 16483-2008 and GB/T 17519-2013

Conclusion: Readily biodegradable

12.3. Bioaccumulative potential

Product/substance hydrogen peroxide

LogKow: -1,57

Conclusion: -

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

This mixture/product does not contain any substances known to fulfil the criteria for PBT and vPvB classification.

12.6. Other adverse effects

None known.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste treatment methods

Dispose of contents/container to an approved waste disposal plant.

Specific labelling

Contaminated packing

Packaging containing residues of the product must be disposed of similarly to the product.

SECTION 14: TRANSPORT INFORMATION

	14.1 UN / ID	14.2 UN proper shipping name	14.3 Hazard class(es)	14.4 PG*	14.5 Env**	Other information:
ADR	UN2014	HYDROGEN PEROXIDE, AQUEOUS SOLUTION with not less than 20% but not more than 60% hydrogen peroxide (stabilized as necessary)	Transport hazard class: 5.1 Label: 5.1+8 Classification code: OC1  	II	No	Limited quantities: 1 L Tunnel restriction code: (E) See below for additional information.
IMDG	UN2014	HYDROGEN PEROXIDE, AQUEOUS SOLUTION with not less than 20% but not more than 60% hydrogen peroxide (stabilized as necessary)	Transport hazard class: 5.1 Label: 5.1+8 Classification code: OC1  	II	No	Limited quantities: 1 L EmS: F-H S-Q See below for additional information.
IATA	UN2014	HYDROGEN PEROXIDE, AQUEOUS SOLUTION with not less than 20% but	Transport hazard class: 5.1 Label: 5.1+8	II	No	See below for

According to China GHS Standards: GB/T 16483-2008 and GB/T 17519-2013

	14.1 UN / ID	14.2 UN proper shipping name	14.3 Hazard class(es)	14.4 PG*	14.5 Env**	Other informatio n:
		not more than 60% hydrogen peroxide (stabilized as necessary)	Classification code: OC1  			additional informatio n.

* Packing group

** Environmental hazards

Additional information

This product is within scope of the regulations of transport of dangerous goods.

ADR / See Table A, section 3.2.1 for any information on special provisions, requirements, or warnings in connection with transport. See section 5.4.3, for instructions in writing regarding mitigation of damages in relation to incidents or accidents during transport.

IMDG / See section 3.2.1, for any information on special provisions, requirements, or warnings in connection with transport.

IATA / See Table 4.2 for any information on special provisions, requirements, or warnings in connection with transport.

14.6. Special precautions for user

Not applicable.

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

No data available.

SECTION 15: REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Restrictions for application:

Restricted to professional users.

Demands for specific education:

No specific requirements.

Additional information:

Not applicable.

IECSC:

hydrogen peroxide is listed

Sources:

Regulations on the Safety Administration of Dangerous Chemicals (No.591)

GB30000.1-2024 Rules for classification and labelling of chemicals

GB13690-2009 General rule for classification and hazard communication of chemicals

List of hazardous chemicals (2015)

GB15258-2009 General rules for preparation of precautionary label for chemicals

GB/T 16483-2008 Safety data sheet for chemical products- Content and order of sections

GB/T 17519-2013 Guidance on the compilation of safety data sheet for chemical products

15.2. Chemical safety assessment

No

SECTION 16: OTHER INFORMATION

Full text of H-phrases as mentioned in section 3

H271, May cause fire or explosion; strong oxidiser.

H302, Harmful if swallowed.
H314, Causes severe skin burns and eye damage.
H315, Causes skin irritation.
H318, Causes serious eye damage.
H319, Causes serious eye irritation.
H332, Harmful if inhaled.
H336, May cause drowsiness or dizziness.

The full text of identified uses as mentioned in section 1

None known.

Abbreviations and acronyms

ADN = European Provisions concerning the International Carriage of Dangerous Goods by Inland Waterway
ADR = The European Agreement concerning the International Carriage of Dangerous Goods by Road
ATE = Acute Toxicity Estimate
BCF = Bioconcentration Factor
CAS = Chemical Abstracts Service
CE = Conformité Européenne (European conformity)
CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]
CSA = Chemical Safety Assessment
CSR = Chemical Safety Report
DMEL = Derived Minimal Effect Level
DNEL = Derived No Effect Level
EINECS = European Inventory of Existing Commercial chemical Substances
ES = Exposure Scenario
EUH statement = CLP-specific Hazard statement
EuPCS = European Product Categorisation System
EWC = European Waste Catalogue
GHS = Globally Harmonized System of Classification and Labelling of Chemicals
GWP = Global warming potential
IARC = International Agency for Research on Cancer (IARC)
IATA = International Air Transport Association
IBC = Intermediate Bulk Container
IMDG = International Maritime Dangerous Goods
LogPow = logarithm of the octanol/water partition coefficient
MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)
OECD = Organisation for Economic Co-operation and Development
PBT = Persistent, Bioaccumulative and Toxic
PNEC = Predicted No Effect Concentration
RID = The Regulations concerning the International Carriage of Dangerous Goods by Rail
RRN = REACH Registration Number
SCL = A specific concentration limit
SVHC = Substances of Very High Concern
STOT-RE = Specific Target Organ Toxicity - Repeated Exposure
STOT-SE = Specific Target Organ Toxicity - Single Exposure
TWA = Time weighted average
UN = United Nations
UVBC = Unknown or variable composition, complex reaction products or of biological materials
VOC = Volatile Organic Compound
vPvB = Very Persistent and Very Bioaccumulative

Additional information

The classification of the mixture in regard of health hazards is in accordance with the calculation methods given by the chemical classification standards: GB 30000.2-2013 to GB 30000.29-2013

The safety data sheet is validated by

Quality & Compliance

Other

A change (in proportion to the last essential change (first cipher in SDS version, see section 1)) is marked with a triangle.

The information in this safety data sheet applies only to this specific product (mentioned in section 1) and is not necessarily correct for use with other chemicals/products.

It is recommended to hand over this safety data sheet to the actual user of the product. Information in this safety data sheet cannot be used as a product specification.

Country-language: CN-en

产品安全技术说明书

iT.34 laundry stainremover pro active oxygen

第一部分 物质/制剂及公司/企业标识

1.1. 化学品标识

产品名称:

iT.34 laundry stainremover pro active oxygen

1.2. 化学品的推荐用途和限制用途

已验明的用途:

清洁剂和清洁剂 (包括溶剂型清洁剂)

仅用于工业用途。

不推荐用途:

未知。

1.3. 安全技术说明书供应商详情

公司详细信息:

Hygieniq B.V.

Postbus 618

7500 AP Enschede

The Netherlands

+31 53 4282860

+31 53 5393865

www.hygieniq.com

电子邮件:

info@hygieniq.com

发行日期:

2025/8/15

SDS 版本:

1.0

1.4. 应急电话号码

中国国内紧急联系电话: +86-10-12320 (二十四小时应急电话)

第2部分 危险性概述

基于化学品分类标准进行分类: GB 30000.2-2013~GB 30000.29-2013。

2.1. 危险性类别

Met. Corr. 1; H290, 可能腐蚀金属

Acute Tox. 4; H302, 吞咽有害

Skin Irrit. 2; H315, 造成皮肤刺激

Eye Dam. 1; H318, 造成严重眼损伤

STOT SE 3; H336, 可引起昏睡或眩晕

2.2. 标签要素

象形图:



信号词:

危险

危险性说明:

可能腐蚀金属 (H290)

吞咽有害 (H302)

造成皮肤刺激 (H315)

造成严重眼损伤 (H318)

可引起昏睡或眩晕 (H336)

防范说明:

概要:

不适用。

预防:

作业后彻底清洗手部和暴露皮肤。(P264)

戴眼睛保护/防护手套/防护服。(P280)

反应:

如进入眼睛: 用水小心冲洗几分钟。如戴隐形眼镜并可方便地取出, 取出隐形眼镜。继续冲洗。(P305+P351+P338)

吸收溢出物, 防止材料损坏。(P390)

贮存:

贮存于抗腐蚀/带抗腐蚀衬里的容器中。(P406)

废弃处置:

处置内装物/容器 当地法规 (P501)

危险成分:

hydrogen peroxide

附加标示:

不适用。

第3部分 成分/组成信息

3.1. 物质

本产品是一种混合物

3.2. 混合物

产品/成份名称	标识符	%	分类	备注
hydrogen peroxide	CAS 号: 7722-84-1 EC: 231-765-0	30-50%	Ox. Liq. 1, H271 Acute Tox. 4, H302 Skin Corr. 1A, H314 (SCL: 70.00 %) Skin Corr. 1B, H314 (SCL: 50.00 %) Skin Irrit. 2, H315 (SCL: 35.00 %) Eye Dam. 1, H318 (SCL: 8.00 %) Eye Irrit. 2, H319 (SCL: 5.00 %) Acute Tox. 4, H332 STOT SE 3, H336 (SCL: 35.00 %)	

参见第 16 节 H-语句全文。第 8 节列出了职业接触限值（如适用）。

其他信息

-

第4部分 急救措施

4.1. 急救措施说明

概要:

发生事故时：请联系医生或急诊室——带上标签或安全数据表。

如果对伤者的情况有疑问或症状持续存在，请就医。切勿给无意识的人喝水或其他饮料。

吸入:

发生呼吸困难或呼吸道刺激时：将患者转移到新鲜空气处，并进行陪伴。

皮肤接触:

如皮肤沾染：用水充分清洗。

脱掉被污染的衣服和鞋子。确保用水和肥皂彻底清洗暴露的皮肤。切勿使用溶剂或稀释剂。

如发生皮肤刺激：求医/就诊。

眼睛接触:

如进入眼睛：用大量的水或盐水（20-30 °C）冲洗眼睛至少 30 分钟，并持续冲洗至刺激感消失。摘除隐形眼镜。确保上下眼睑冲洗干净。立即寻求医疗救助并继续冲洗。

摄入:

如误吞咽：如感觉不适，呼叫解毒中心/医生/毒物中心/医生。

漱口。

烧伤:

不适用。

4.2. 最重要的症状和效应，包括急性的和延迟的

本产品含有导致严重眼睛损伤的物质。接触这些物质会对眼睛造成不可逆的影响/严重的眼睛损伤。

4.3. 需要任何即时的医疗关注和特殊处理

如接触到或有疑虑：

立即求医/就诊。

对医生的特别提示

携带本安全数据表。

第5部分 消防措施

5.1. 灭火介质

不适用。

5.2. 从物质或混合物产生的特殊危害

火会导致出现浓烟。接触燃烧产物可能会有害健康。暴露在火中的密闭容器应用水进行冷却。请勿让灭火用水排入进入污水系统和附近的地表水。

5.3. 对消防员的建议

穿戴自给式呼吸器和防护服，防止接触。直接暴露后，拨打 职业卫生与中毒控制: +86-10-12320，以获取更多建议。

第6部分 泄漏应急处理

6.1. 人员防护措施、防护装备和应急处置程序

避免直接接触溢出物。
确保良好的通风，尤其是在密闭场所。
避免吸入溢出物散发的水气。
污染区域可能湿滑。

6.2. 环境保护措施

避免向湖泊、溪流、下水道等排放废水。
未经允许的人员不得进入溢溅区

6.3. 泄漏化学品的收容、清除方法及所使用的处置材料

使用不可燃的吸收材料（如沙子、泥土、蛭石或硅藻土）围堵并收集溢出物，将其置入容器中并依据当地/国家法规进行弃置处理。
尽可能使用普通清洁剂进行清洁。避免使用溶剂。

6.4. 其他部分的参照

参见第13部分的其他废物处理信息。
参见第8部分的合适的个人防护装备信息。

第7部分 操作处置与储存

7.1. 安全搬运的防范措施

避免直接接触本产品。
不得在工作室吸烟、储存烟草、食用和储存食品或液体。
参见第8部分的合适的个人防护装备信息。

7.2. 安全存储的条件，包括任何不相容性

打开的容器必须仔细重新密封并保持直立，以防泄漏。
贮存于抗腐蚀/带抗腐蚀衬里的容器中。

推荐储存材料:

只能在原容器中存放。

储存温度:

干燥、凉爽通风良好

禁配物:

只能在原容器中存放。

7.3. 特定的最终用途

本产品只适用于第 1.2 节中所述的应用。

第8部分 接触控制和个体防护

8.1. 控制参数

hydrogen peroxide

长期暴露限值 (PC-TWA, 8 小时) (mg/m³) : 1,5

GBZ 2.1-2019, 工作场所有害因素职业接触限值

8.2. 接触控制

应定期控制暴露程度使之符合给定的职业暴露限值。

一般建议:

不得在工作室吸烟、储存烟草、食用和储存食品或液体。

接触情况:

本品没有相应实施的接触场景。

最高容许浓度:

专业用户必须遵守法律规定的职业暴露最大浓度。参见上述职业卫生限值。

工程控制:

生成的蒸汽必须保持在最低限度并低于当前极限值（见上文）。如果工作室内的正常空气流量不足，建议安装局部排气系统。确保紧急洗眼器和淋浴设备带有清晰明确的标识。

确保洗眼器和安全喷淋装置设在方便触及的地方。

在使用该产品的过程中采取标准的预防措施。避免吸入蒸汽。

卫生措施

脱掉沾染的衣服，清洗后方可重新使用

环境接触控制:

无特殊要求。

个人保护措施

概要:

只能使用带有 CE 标识的防护设备。

呼吸系统防护:

工作情况	推荐	等级	颜色	材料	
当有形成雾/气溶胶的危险时	全罩			EN136	

身体防护:

材料	推荐	标准	
专用工作服	-	-	

手部防护:

工作情况	材料	手套厚度 (mm)	穿透时间 (min.)	标准	
在长时间暴露或高浓度情况下	丁腈橡胶	0.4	> 480	EN374-2, EN16523-1, EN388	
在长时间暴露或高浓度情况下	丁基橡胶	0,7	> 480	EN374-2, EN16523-1, EN388, EN421	

眼睛/面部防护:

推荐	标准	
带侧罩的安全眼镜	EN166	

第9部分 理化特性

9.1. 基础理化特性信息

物理状态:

液体

颜色:

无色

气味:

独特气味

气味阈值 (ppm) :

无可用的数据。

pH值:

2.5

相对密度 (g/cm³):

1.1 (20 °C)

运动粘度:

无可用的数据。

颗粒特性:

不适用于液体

物相变化

熔点/凝固点 (°C):

无可用的数据。

软化点/范围 (°C):

不适用于液体

沸点/沸程 (°C):

100

蒸气压:

无可用的数据。

蒸气密度:

无可用的数据。

分解温度 (°C):

无可用的数据。

蒸发速率:

火灾和爆炸危险数据

闪点 (°C):

无可用的数据。

着火温度 (°C):

无可用的数据。

自燃温度 (°C):

无可用的数据。

爆炸 (燃烧) 上限和下限:

无可用的数据。

可溶性

水溶性:

完全溶解

n-辛醇/水分配系数 (LogKow):

无可用的数据。

脂溶性 (克/升) :

无可用数据。

9.2. 其他信息

其它物理和化学参数:

无可用数据。

氧化性:

无可用数据。

第10部分 稳定性和反应性

10.1. 活动性

无可用数据。

10.2. 稳定性

基于“7 操作处置与储存”一节的内容，本产品在常规条件下处于稳定状态。

10.3. 危险反应

未知。

10.4. 应避免的条件

未知。

10.5. 禁配物

只能在原容器中存放。

10.6. 危险的分解产物

在正常的储存和使用条件下，不会产生有危害的分解物。

第11部分 毒理学信息

11.1. 毒理效应信息

急性毒性

产品/成份名称	hydrogen peroxide
种类:	大鼠
接触途径:	口服
测试:	LD50
结果:	1.193 - 1.270 mg/L

产品/成份名称	hydrogen peroxide
种类:	兔子
接触途径:	经皮
测试:	LD50
结果:	>2.000 (35% oplossing) mg/kg

吞咽有害

刺激或腐蚀

产品/成份名称	iT.34 laundry stainremover pro active oxygen
结果:	有观察到的不良作用 (有刺激性)

产品/成份名称	hydrogen peroxide
结果:	有观察到的不良作用 (有刺激性)

造成皮肤刺激

严重眼睛损伤/刺激

产品/成份名称
结果: iT.34 laundry stainremover pro active oxygen
有观察到的不良作用 (造成严重眼损伤)

产品/成份名称
结果: hydrogen peroxide
有观察到的不良作用 (造成严重眼损伤)

造成严重眼损伤

呼吸道致敏性

产品/成份名称
结果: hydrogen peroxide
无观察到的不良作用 (不敏感)

基于可用数据, 其不满足分类标准。

皮肤致敏性

基于可用数据, 其不满足分类标准。

生殖细胞致突变性

基于可用数据, 其不满足分类标准。

致癌性

产品/成份名称
结论: hydrogen peroxide
无观察到的不良作用

基于可用数据, 其不满足分类标准。

生殖毒性

产品/成份名称
结论: hydrogen peroxide
无观察到的不良作用

基于可用数据, 其不满足分类标准。

特异性靶器官系统毒性-一次接触

可引起昏睡或眩晕

特异性靶器官系统毒性-反复接触

基于可用数据, 其不满足分类标准。

吸入危害

产品/成份名称
基于可用数据, 其不满足分类标准。 hydrogen peroxide

潜在的慢性健康影响

本产品含有导致严重眼睛损伤的物质。接触这些物质会对眼睛造成不可逆的影响/严重的眼睛损伤。

其他信息

hydrogen peroxide 被 IARC 归类为 3 类。

第12部分 生态学信息

12.1. 毒性

产品/成份名称
种类: hydrogen peroxide
鱼类, Pimephales promelas
暴露: 96 小时
测试: LC50
结果: 16,4 mg/L

产品/成份名称
种类: hydrogen peroxide
鱼类, Leuciscus idus
暴露: 72 小时
测试: LC50

安全技术说明书基于 GB/ T 16483-2008 和 GB/ T 17519-2013 - 中国

结果: 35 mg/L

产品/成份名称: hydrogen peroxide
种类: 鱼类, *Oncorhynchus mykiss*
暴露: 7 天
测试: LC50
结果: 38,5 mg/L

产品/成份名称: hydrogen peroxide
种类: *Daphnia pulex*
暴露: 48 小时
测试: EC50
结果: 2,4 mg/L

产品/成份名称: hydrogen peroxide
种类: *Daphnia magna*
暴露: 24 小时
测试: EC50
结果: 7,7 mg/L

产品/成份名称: hydrogen peroxide
种类: *Skeletonema costatum*
暴露: 72 小时
测试: EC50
结果: 1,38 mg/L

产品/成份名称: hydrogen peroxide
测试方法: OECD 209
种类: 菌
环境: 活性污泥厂
暴露: 30 minutes
测试: EC50
结果: 466 mg/L

产品/成份名称: hydrogen peroxide
测试方法: OECD 209
种类: 菌
环境: 活性污泥厂
暴露: 3 小时
测试: EC50
结果: > 1.000 mg/L

基于可用数据，其不满足分类标准。

12.2. 持久性和降解性

产品/成份名称: hydrogen peroxide
结论: 易于生物降解

12.3. 潜在的生物累积性

产品/成份名称: hydrogen peroxide
LogKow: -1,57
结论: -

12.4. 土壤中的迁移性

无可用数据。

12.5. PBT和vPvB评估结果

本混合物/产品不含任何被认定符合分类为 PBT 及/或 vPvB 的标准的物质。

12.6. 其他环境有害作用

未知。

第13部分 废弃处置

废物处理方法

处置内装物/容器 至获批准的废物处理厂

特定标示

包装

针对含有产品残留物的包装，必须采用与产品处理方法相似的方式进行处理。

第14部分 运输信息

	14.1 UN号	14.2 正确运输名称	14.3 类别	14.4 PG*	14.5 Env**	其他信息:
ADR	UN2014	过氧化氢水溶液 含不少于20 %但不大于 60 %的过氧化氢(必要时加稳定剂)	类别: 5.1 标志: 5.1+8 分类 代码: OC1  	II	否	有限 数量: 1 L 隧道限制代码: (E) 更多信息请参见下文。
IMDG	UN2014	HYDROGEN PEROXIDE, AQUEOUS SOLUTION with not less than 20% but not more than 60% hydrogen peroxide (stabilized as necessary)	类别: 5.1 标志: 5.1+8 分类 代码: OC1  	II	否	有限 数量: 1 L EmS: F-H S-Q 更多信息请参见下文。
IATA	UN2014	HYDROGEN PEROXIDE, AQUEOUS SOLUTION with not less than 20% but not more than 60% hydrogen peroxide (stabilized as necessary)	类别: 5.1 标志: 5.1+8 分类 代码: OC1  	II	否	更多信息请参见下文。

* 包装类别

** 环境危害

其他信息

本产品危险货物运输规定的范围内。

ADR / 参见表 A 第 3.2.1 小节，了解与运输有关的特殊规定、要求或警告的信息。参见第 5.4.3 小节，关于运输过程中发生事故或意外时减轻损失的书面指示。

IMDG / See section 3.2.1, for any information on special provisions, requirements, or warnings in connection with transport.

IATA / See Table 4.2 for any information on special provisions, requirements, or warnings in connection with transport.

14.6. 运输注意事项

不适用。

14.7. 基于MARPOL的附录II和IBC准则按散装运输

无可用数据。

第15部分 法规信息

15.1. 安全、健康和环境法规/物质或混合物特定的立法

应用限制:

仅用于工业用途。

特殊教育需求:

无特殊要求。

其他信息:

不适用。

中国现有化学物质名录:

hydrogen peroxide 被列出

中国法律/法规:

危险化学品安全管理条例 (第591号)

GB 30000.1-2024 化学品分类和标签规范 第1部分: 通则

GB13690-2009化学品分类和危险性公示通则

危险化学品目录 (2015版)

GB15258-2009化学品安全标签编写规定

GB/T 16483-2008化学品安全技术说明书内容和项目顺序

GB/T 17519-2013化学品安全技术说明书编写指南

15.2. 化学安全评估

否

第16部分 其他信息

H 语句全文: 见第 3 节

H271, 可能引起燃烧或爆炸; 强氧化剂

H302, 吞咽有害

H314, 造成严重皮肤灼伤和眼损伤

H315, 造成皮肤刺激

H318, 造成严重眼损伤

H319, 造成严重眼刺激

H332, 吸入有害

H336, 可引起昏睡或眩晕

已验明用途的全文见第 1 节

未知。

缩略语和首字母缩写

ACGIH = 美国政府工业卫生专家协会, 颁发有毒产品暴露标准的机构。

BCF = 生物富集系数

CAS = 化学提取物服务注册号码

CE = 符合欧洲标准

DNEL = 衍生无效应水平

ECx = 产生 x % 反应的浓度

EC50 = 引起 50 % 最大反应的物质有效浓度

GHS = 全球协调制度

IARC = 国际癌症研究机构

IATA = 国际航空协会, 颁发货物空运相关规定的组织。

IMDG = 国际海事组织规则, 货物海运规则。

ICAO = 国际民航组织。

Kow = 正辛醇/ 水分配系
LC50 = 半数致死浓度
LD50 = 急性经毒性 (半数致死剂量)
NOEC = 无观察效应浓度
OECD = 经济合作与发展组织
PBT = 持久性生物累积性有毒物质
PC-STEEL = 短间接接触容许浓度
PC-TWA = 时间加权平均容许浓度
PNEC = 预计无效应浓度
REACH = 欧盟关于化学品注册、评估、授权和限制法规。
SCL = 具有特定浓度限制
SDS = 安全技术说明书
STEL = 短期暴露限制
PC-TWA = 时间加权平均数
UN Number = 联合国编号，联合国危险货物运输专家委员会指定的四位数号码。
UVCB = 成分未知或可变的物质，复杂反应产物或生物材料
vPvB = 高残留性、高生物浓缩性物质

其他信息

混合物对健康危害按照化学分类标准给出的计算方法进行分类：GB 30000.2-2013 至 GB 30000.29-2013

安全数据表由以下人员验证

Quality & Compliance

其他

更改（与最后一次基本更改（SDS 版本中的第一个密码，见第 1 节）成比例）用蓝色三角形标记。

本安全数据表中的信息仅适用于本特定产品（第 1 节所述），不一定适用于其他化学品/产品。

建议将此安全数据表移交给产品的实际用户。本安全数据表中的信息不能用作产品说明书。

国家-语言: CN-zh

BEZPEČNOSTNÍ LIST

iT.34 laundry stainremover pro active oxygen

ODDÍL 1: IDENTIFIKACE LÁTKY/SMĚSI A SPOLEČNOSTI/PODNIKU

1.1. Identifikátor výrobku

Obchodní název:

iT.34 laundry stainremover pro active oxygen

Jednoznačný identifikační kód vzorce (UFI):

KWY8-NPOS-J88H-EC1G

1.2. Příslušná určená použití látky nebo směsi a nedoporučená použití

Relevantní identifikované využití látky nebo směsi:

Detergenty a detergenty (včetně na bázi rozpouštědel)

Pouze pro profesionální uživatele.

Nedoporučená použití:

Není známo.

1.3. Podrobné údaje o dodavateli bezpečnostního listu

Firma a adresa:

Hygeniq B.V.

Postbus 618

7500 AP Enschede

The Netherlands

+31 53 4282860

+31 53 5393865

www.hygeniq.com

E-mail:

info@hygeniq.com

Revize:

15.08.2025

Verze BL:

1.0

1.4. Telefonní číslo pro naléhavé situace

Toxikologické informační středisko. Telefon: +420 224 919 293, +420 224 915 402 (www.tis-cz.cz)

Viz oddíl 4 "Pokyny pro první pomoc"

ODDÍL 2: IDENTIFIKACE NEBEZPEČNOSTI

Klasifikováno podle nařízení (ES) č. 1272/2008 (CLP).

2.1. Klasifikace látky nebo směsi

Met. Corr. 1; H290, Může být korozivní pro kovy.

Acute Tox. 4; H302, Zdraví škodlivý při požití.

Skin Irrit. 2; H315, Dráždí kůži.

Eye Dam. 1; H318, Způsobuje vážné poškození očí.
STOT SE 3; H336, Může způsobit ospalost nebo závratě.

2.2. Prvky označení

Piktogram(y) rizik(a):



Signální slova:

Nebezpečí

Prohlášení rizik(a):

Může být korozivní pro kovy. (H290)
Zdraví škodlivý při požití. (H302)
Dráždí kůži. (H315)
Způsobuje vážné poškození očí. (H318)
Může způsobit ospalost nebo závratě. (H336)

Bezpečnostní věta (věty):

Obecně:

Netýká se.

Prevence:

Po manipulaci důkladně omyjte ruce a vystavená kůže. (P264)
Používejte ochranné brýle/ochranné rukavice/ochranný oděv. (P280)

Reakce:

PŘI ZASAŽENÍ OČÍ: Několik minut opatrně vyplachujte vodou. Vyjměte kontaktní čočky, jsou-li nasazeny a pokud je lze vyjmout snadno. Pokračujte ve vyplachování. (P305+P351+P338)
Uniklý produkt absorbujte, aby se zabránilo materiálním škodám. (P390)

Skladování:

Skladujte v obalu s odolnou vnitřní vrstvou. (P406)

Likvidace:

Odstraňte obsah/obal podle místních předpisů (P501)

Identifikace látek primárně odpovědných za hlavní zdravotní rizika:

peroxid vodíku 35%

Další označení:

UFI: KQY8-NP0S-J88H-EC1G

Označení obsahu podle předpisu o detergentech 648/2004 (platí pro obaly detergentů prodávaných široké veřejnosti):

≥ 30%

· Bělicí činidla na bázi kyslíku

2.3. Další nebezpečnost

Další varování:

Tato směs/výrobek neobsahuje žádné látky považované za splňující kritéria klasifikace jakožto PBT či vPvB.
Tento produkt neobsahuje žádné látky, které jsou podle kritérií, stanovených nařízením Komise v přenesené pravomoci (EU) 2017/2100 nebo nařízením Komise (EU) 2023/707, považovány za endokrinní disruptory.

ODDÍL 3: SLOŽENÍ/INFORMACE O SLOŽKÁCH

3.1. Látky

Netýká se. Tento produkt je směs.

3.2. Směsi

Název složky	Identifikátory	% w/w	Klasifikace	Název složky
peroxid vodíku 35%	Č. CAS: 7722-84-1 Č. ES: 231-765-0 REACH: 01-2119485845-22-XXXX Indexová č.: 008-003-00-9	30-50%	Ox. Liq. 1, H271 Acute Tox. 4, H302 Skin Corr. 1A, H314 (SCL: 70,00 %) Skin Corr. 1B, H314 (SCL: 50,00 %) Skin Irrit. 2, H315 (SCL: 35,00 %) Eye Dam. 1, H318 (SCL: 8,00 %) Eye Irrit. 2, H319 (SCL: 5,00 %) Acute Tox. 4, H332 STOT SE 3, H336 (SCL: 35,00 %)	

Viz plný text H-vět v oddíl 16. Limity profesní expozice uvádí oddíl 8. Pokud jsou dostupné.

Další informace

-

ODDÍL 4: POKYNY PRO PRVNÍ POMOC

4.1. Popis první pomoci

Obecné informace:

V případě nehody: kontaktujte lékaře nebo úrazové oddělení - předejte SDS nebo štítek z obalu produktu. Pokud si nejste jisti stavem postiženého nebo pokud symptomy přetrvávají, kontaktujte lékaře. Nepodávejte vodu apod. osobě v bezvědomí.

Vdechnutí:

Při dýchacích obtížích nebo podráždění dýchacího traktu: Dopravte postiženého na čerstvý vzduch a zůstaňte s ním.

Zasažení pokožky:

PŘI STYKU S KŮŽÍ: Omyjte velkým množstvím Voda/vody a mýdlem.
Sejměte potřísněný oděv a obuv. Zasaženou pokožku důkladně omyjte vodou a mýdlem. NEPOUŽÍVEJTE ředidla a rozpouštědla.
Při podráždění kůže: Vyhledejte lékařskou pomoc/ošetření.

Zasažení očí:

Při zasažení očí: Oči nejméně 30 minut proplachujte vodou (20-30 °C) a pokračujte, dokud podráždění nezmizí. Vyjměte kontaktní čočky. Ujistěte se, že vyplachujete pod dolním i horním víčkem. Okamžitě volejte lékaře. Okamžitě vyhledejte pomoc lékaře a během transportu dále provádějte výplach.

Požítí:

PŘI POŽITÍ: Necítíte-li se dobře, volejte TOXIKOLOGICKÉ INFORMAČNÍ STŘEDISKO/lékaře.
Vypláchněte ústa.

Popálení:

Netýká se.

4.2. Nejdůležitější akutní a opožděné symptomy a účinky

Produkt obsahuje látky, které způsobují vážné poškození očí. Kontakt s těmito látkami může způsobit nevratné poškození očí/vážné poškození očí.

4.3. Pokyn týkající se okamžité lékařské pomoci a zvláštního ošetření

PŘI expozici nebo podezření na ni:

Okamžitě vyhledejte lékařskou pomoc/ošetření.

Informace pro lékařský personál

Předejte tento SDS nebo štítek z obalu produktu.

ODDÍL 5: OPATŘENÍ PRO HAŠENÍ POŽÁRU

5.1. Hasiva

Netýká se.

5.2. Zvláštní nebezpečnost vyplývající z látky nebo směsi

V případě požáru vzniká hustý dým. Vdechnutí produktů rozkladu nebo kontakt s nimi může poškodit zdraví. Uzavřené obaly vystavené požáru chlaďte vodou. Zabraňte vniknutí vody z hašení do kanalizace, vodních toků/ploch.

5.3. Pokyny pro hasiče

Zabraňte kontaktu, používejte dýchací přístroj s vlastním zdrojem vzduchu a ochranný oděv.

ODDÍL 6: OPATŘENÍ V PŘÍPADĚ NÁHODNÉHO ÚNIKU

6.1. Opatření na ochranu osob, ochranné prostředky a nouzové postupy

Vyhněte se přímému kontaktu s uniklou látkou.
Zajistěte dostatečné větrání, zejména v klimatizovaných prostorech.
Zabraňte vdechování výparů z odpadů.
Kontaminovaná místa mohou klouzat.

6.2. Opatření na ochranu životního prostředí

Zabraňte únikům do vodních ploch/toků, kanalizace atd.
Dbejte na to, aby k rozlité kapalině neměly přístup nepovolané osoby.

6.3. Metody a materiál pro omezení úniku a pro čištění

Uniklý materiál zachyťte a posbírejte pomocí nehořlavého absorpčního materiálu, například písku, zeminy, vermikulitu nebo křemeliny, a umístěte jej do nádoby k likvidaci, v souladu s místními předpisy.
K čištění využívejte v maximální míře běžné čisticí prostředky. Vyhněte se použití rozpouštědel.

6.4. Odkaz na jiné oddíly

Viz oddíl 13 "Pokyny pro odstraňování" o nakládání s odpadem.
Ochranná opatření viz oddíl 8 "Omezování expozice/osobní ochranné prostředky".

ODDÍL 7: ZACHÁZENÍ A SKLADOVÁNÍ

7.1. Opatření pro bezpečné zacházení

Vyhněte se přímému kontaktu s produktem.
Na pracovišti je zakázáno kouření, jídlo a pití včetně skladování tabáku, potravin a nápojů.
Informace o ochraně osob viz "Omezování expozice/osobní ochranné prostředky".

7.2. Podmínky pro bezpečné skladování látek a směsí včetně neslučitelných látek a směsí

Otevřené obaly je nutno dokonale uzavřít a skladovat nastojato, aby nedošlo k úniku.
Skladujte v obalu s odolnou vnitřní vrstvou.

Slučitelnosti obalů:

Uchovávejte pouze v původním balení.

Podmínky skladování:

Suché, chladné, dobře větrané

Neslučitelné materiály:

Uchovávejte pouze v původním balení.

7.3. Specifické konečné/specifická konečná použití

Tento produkt smí být použit pouze k účelům uvedeným v oddíl 1.2.

ODDÍL 8: OMEZOVÁNÍ EXPOZICE/OSOBNÍ OCHRANNÉ PROSTŘEDKY

8.1. Kontrolní parametry

peroxid vodíku 35%

Nejvyšší přípustná koncentrace (15 minut) (NPK-P) (mg/m³): 2

Přípustný expoziční limit (8 hodin) (PEL) (mg/m³): 1

Poznámky:

I = dráždí sliznice (oči, dýchací cesty) resp. kůže.

Nařízení vlády, ze dne 3. října 2018, kterým se mění nařízení vlády č. 361/2007 Sb., kterým se stanoví podmínky ochrany zdraví při práci, ve znění pozdějších předpisů.

DNEL

peroxid vodíku 35%

Délka:	Trasa podání:	DNEL:
Dlouhodobé - lokální účinky - obecná populace	Vdechnutí	0,21 mg/m ³
Dlouhodobé - lokální účinky - obecná populace	Vdechnutí	210 µg/m ³
Dlouhodobé - lokální účinky - Pracovník	Vdechnutí	1.4 mg/m ³
Krátkodobé - lokální účinky - obecná populace	Vdechnutí	1.93 mg/m ³
Krátkodobé - lokální účinky - Pracovník	Vdechnutí	3 mg/m ³

PNEC

peroxid vodíku 35%

Trasa podání:	Doba expozice:	PNEC:
Čistírny odpadních vod		466 mg/L
Mořské sedimenty		0,047 mg/L
Mořské sedimenty		47 µg/kg
Mořské vody		0,047 mg/L
Mořské vody		12.6 µg/L
Občasné vydání (sladkovodní)		13.8 µg/L
Půda		0,023 mg/kg
Půda		1.9 µg/kg
Sladké vody		0,0126 mg/L
Sladké vody		12.6 µg/L
Sladkovodní sedimenty		0,047 mg/kg
Sladkovodní sedimenty		47 µg/kg

8.2. Omezování expozice

Je nutno pravidelně kontrolovat dodržování předepsaných limitů expozice.

Obecná doporučení:

Na pracovišti je zakázáno kouření, jídlo a pití včetně skladování tabáku, potravin a nápojů.

Scénáře expozice:

Pro tento produkt nejsou zavedeny žádné scénáře expozice

Limity expozice:

Profesionálních uživatelů se týkají limity BOZP stanovující maximální koncentrace na pracovišti. Viz výše uvedené prahové hodnoty BOZP.

Vhodná technická opatření:

Je třeba udržovat vytváření páry na minimu a pod současnými limitními hodnotami (viz výše). Pokud na pracovišti není dostatečné proudění vzduchu, doporučuje se nainstalovat místní systém odsávání. Zajistěte, aby byly jasné označeny stanice pro výplach očí a nouzové sprchy.

Dbejte na to, aby byly v blízkosti umístěny stanice pro výplach očí a bezpečnostní sprchy.

Při používání produktu aplikujte standardní preventivní opatření. Dbejte na to, aby nedošlo k inhalaci výparů.

Hygienická opatření:

Kontaminovaný oděv svlékněte a před opětovným použitím vyperte.

Opatření k zabránění ohrožení prostředí:

Žádné zvláštní požadavky.

Osobní ochranná opatření, například osobní ochranné pomůcky

Obecně:

Používejte pouze ochranné pomůcky s označením CE.

Ochrana dýchacích cest:

Pracovní situace	Typ	Třída	Barva	Normy	
Při nebezpečí tvorby mlhy/aerosolu	Celoobličejovou masku			EN136	

Ochrana pokožky:

Doporučený	Typ/Kategorie	Normy	
Používejte speciální pracovní oděv	-	-	

Ochrana rukou:

Pracovní situace	Materiál	Minimální tloušťka vrstvy (mm)	Doba průniku (min.)	Normy	
V případě dlouhodobé expozice nebo vysokých koncentrací	Nitrilová pryž	0,4	> 480	EN374-2, EN16523-1, EN388	
V případě dlouhodobé expozice nebo vysokých koncentrací	Butylová pryž	0,7	> 480	EN374-2, EN16523-1, EN388, EN421	

Ochrana očí:

Typ	Normy	
Noste bezpečnostní brýle s bočními kryty.	EN166	

ODDÍL 9: FYZIKÁLNÍ A CHEMICKÉ VLASTNOSTI

9.1. Informace o základních fyzikálních a chemických vlastnostech

Skupenství:

Kapalina

Barva:

Bezbarvý

Zápach / Prahová hodnota zápachu (ppm):

Charakteristický

pH:

2.5

Hustota (g/cm³):

1,1 (20 °C)

Kinematická viskozita:

Data nejsou k dispozici.

Charakteristiky částic:

Nevztahuje se na kapaliny.

Změny skupenství

Bod tání/bod tuhnutí (°C):

Data nejsou k dispozici.

Bod/rozsah bodu měknutí (°C):

Nevztahuje se na kapaliny.

Bod varu (°C):

100

Tlak par:

Data nejsou k dispozici.

Relativní hustota páry:

Data nejsou k dispozici.

Teplota rozkladu (°C):

Data nejsou k dispozici.

Informace o riziku požáru a výbuchu

Bod vznícení (°C):

Data nejsou k dispozici.

Hořlavost (°C):

Data nejsou k dispozici.

Teplota samovznícení (°C):

Data nejsou k dispozici.

Limity expozice (% v/v):

Data nejsou k dispozici.

Rozpustnost

Rozpustnost ve vodě:

Zcela rozpustné

Koeficient n-oktanol/voda (LogKow):

Data nejsou k dispozici.

Rozpustnost v tuku (g/L):

Data nejsou k dispozici.

9.2. Další informace

Další fyzikální a chemické parametry:

Data nejsou k dispozici.

Oxidační vlastnosti:

Data nejsou k dispozici.

ODDÍL 10: STÁLOST A REAKTIVITA

10.1. Reaktivita

Data nejsou k dispozici.

10.2. Chemická stabilita

Produkt je stabilní za podmínek uvedených v oddíl 7 "Zacházení a skladování".

10.3. Možnost nebezpečných reakcí

Není známo.

10.4. Podmínky, kterým je třeba zabránit

Není známo.

10.5. Neslučitelné materiály

Uchovávejte pouze v původním balení.

10.6. Nebezpečné produkty rozkladu

Za běžných podmínek skladování a používání by neměly vznikat nebezpečné produkty rozkladu.

ODDÍL 11: TOXIKOLOGICKÉ INFORMACE

11.1. Informace o třídách nebezpečnosti vymezených v nařízení (ES) č. 1272/2008

Akutní toxicita

Název složky	peroxid vodíku 35%
Druh:	Krysa
Trasa podání:	Orální
Test:	LD50
Výsledek:	1.193 - 1.270 mg/L

Název složky	peroxid vodíku 35%
Druh:	Králík
Trasa podání:	Kožní
Test:	LD50
Výsledek:	>2.000 (35% oplossing) mg/kg

Zdraví škodlivý při požití.

Žiravost/ dráždivost pro kůži

Název složky	iT.34 laundry stainremover pro active oxygen
Výsledek:	Pozorovány nepříznivé účinky (Dráždivé)

Název složky	peroxid vodíku 35%
Výsledek:	Pozorovány nepříznivé účinky (Dráždivé)

Dráždí kůži.

Vážné poškození očí / podráždění očí

Název složky	iT.34 laundry stainremover pro active oxygen
Výsledek:	Pozorovány nepříznivé účinky (Způsobuje vážné poškození očí)

Název složky	peroxid vodíku 35%

Výsledek: Pozorovány nepříznivé účinky (Způsobuje vážné poškození očí)

Způsobuje vážné poškození očí.

Senzibilizace dýchacích cest

Název složky peroxid vodíku 35%

Výsledek: Nepozorovány žádné nepříznivé účinky (není senzibilizující)

Na základě dostupných údajů nejsou kritéria pro klasifikaci splněna.

Senzibilizace kůže

Na základě dostupných údajů nejsou kritéria pro klasifikaci splněna.

Mutagenita v zárodečných buňkách

Na základě dostupných údajů nejsou kritéria pro klasifikaci splněna.

Karcinogenita

Název složky peroxid vodíku 35%

Závěr: Nepozorovány žádné nepříznivé účinky

Na základě dostupných údajů nejsou kritéria pro klasifikaci splněna.

Toxicita pro reprodukci

Název složky peroxid vodíku 35%

Závěr: Nepozorovány žádné nepříznivé účinky

Na základě dostupných údajů nejsou kritéria pro klasifikaci splněna.

Toxicita pro specifické cílové orgány – jednorázová expozice

Může způsobit ospalost nebo závratě.

Toxicita pro specifické cílové orgány – opakovaná expozice

Na základě dostupných údajů nejsou kritéria pro klasifikaci splněna.

Nebezpečnost při vdechnutí

Název složky peroxid vodíku 35%

Na základě dostupných údajů nejsou kritéria pro klasifikaci splněna.

11.2. Informace o další nebezpečnosti

Dlouhodobé účinky

Produkt obsahuje látky, které způsobují vážné poškození očí. Kontakt s těmito látkami může způsobit nevratné poškození očí/vážné poškození očí.

Vlastnosti vyvolávající narušení činnosti endokrinního systému

Tato směs/tento výrobek neobsahuje žádné látky, které jsou považovány za látky narušující hormonální funkce s ohledem na zdraví.

Další informace

peroxid vodíku 35%: Látka byla podle IARC klasifikována jako skupina 3.

ODDÍL 12: EKOLOGICKÉ INFORMACE

12.1. Toxicita

Název složky	peroxid vodíku 35%
Druh:	Ryba, Pimephales promelas
Délka:	96 hodin
Test:	LC50
Výsledek:	16,4 mg/L

Název složky	peroxid vodíku 35%
Druh:	Ryba, Leuciscus idus
Délka:	72 hodin

Vyhovuje dodatku II nařízení (ES) č. 1907/2006 (REACH), ve znění nařízení (EU) č. 2020/878

Test: LC50
Výsledek: 35 mg/L

Název složky: peroxid vodíku 35%
Druh: Ryba, *Oncorhynchus mykiss*
Délka: 7 dní
Test: LC50
Výsledek: 38,5 mg/L

Název složky: peroxid vodíku 35%
Druh: *Daphnia pulex*
Délka: 48 hodin
Test: EC50
Výsledek: 2,4 mg/L

Název složky: peroxid vodíku 35%
Druh: *Daphnia magna*
Délka: 24 hodin
Test: EC50
Výsledek: 7,7 mg/L

Název složky: peroxid vodíku 35%
Druh: *Skeletonema costatum*
Délka: 72 hodin
Test: EC50
Výsledek: 1,38 mg/L

Název složky: peroxid vodíku 35%
Zkušební metoda: OECD 209
Druh: Bakterie
Složka životního prostředí: Čistírna aktivního bahna
Délka: 30 minutes
Test: EC50
Výsledek: 466 mg/L

Název složky: peroxid vodíku 35%
Zkušební metoda: OECD 209
Druh: Bakterie
Složka životního prostředí: Čistírna aktivního bahna
Délka: 3 hodin
Test: EC50
Výsledek: > 1.000 mg/L

Na základě dostupných údajů nejsou kritéria pro klasifikaci splněna.

12.2. Perzistence a rozložitelnost

Název složky: peroxid vodíku 35%
Závěr: Snadná biologická rozložitelnost

12.3. Bioakumulační potenciál

Název složky: peroxid vodíku 35%
LogKow: -1,57
Závěr: -

12.4. Mobilita v půdě

Data nejsou k dispozici.

12.5. Výsledky posouzení PBT a vPvB

Tato směs/výrobek neobsahuje žádné látky považované za splňující kritéria klasifikace jakožto PBT či vPvB.

12.6. Vlastnosti vyvolávající narušení činnosti endokrinního systému

Název složky iT.34 laundry stainremover pro active oxygen
Závěr: Nepozorovány žádné nepříznivé účinky

Tato směs/tento výrobek neobsahuje žádné látky, které jsou považovány za látky narušující endokrinní systém ve vztahu k životnímu prostředí.

12.7. Jiné nepříznivé účinky

Není známo.

ODDÍL 13: POKYNY PRO ODSTRAŇOVÁNÍ

13.1. Metody nakládání s odpady

Tento produkt podléhá předpisům o nebezpečném odpadu. (*)

HP 6 - Akutní toxicita

HP 8 - Žíravé

Odstraňte obsah/obal k schválenému odpadišti.

Nařízení Komise (EU) č. 1357/2014 ze dne 18. prosince 2014 o odpadech.

Kód EWC:

20 01 29* Detergenty obsahující nebezpečné látky

Kontaminovaný obal

Obaly se zbytky produktu je nutno likvidovat stejným způsobem jako produkt.

ODDÍL 14: INFORMACE PRO PŘEPRAVU

	14.1 UN	14.2 Oficiální (OSN) pojmenování pro přepravu	14.3 Třída/třídy nebezpečnosti pro přepravu	14.4 PG*	14.5 Env **	Další informace:
ADR	UN2014	PEROXID VODÍKU, VODNÝ ROZTOK, s nejméně 20 %, ale nejvýše 60 % peroxidu vodíku (stabilizovaný podle potřeby)	Třída: 5.1 Bezpečnostní značky: 5.1+8 Klasifikační kód: OC1  	II	Ne	Omezené množství: 1 L Kód omezení pro tunely: (E) Další informace viz níže.
IMDG	UN2014	HYDROGEN PEROXIDE, AQUEOUS SOLUTION with not less than 20% but not more than 60% hydrogen peroxide (stabilized as necessary)	Třída: 5.1 Bezpečnostní značky: 5.1+8 Klasifikační kód: OC1  	II	Ne	Omezené množství: 1 L EmS: F-H S-Q Další informace viz níže.

	14.1 UN	14.2 Oficiální (OSN) pojmenování pro přepravu	14.3 Třída/třídy nebezpečnosti pro přepravu	14.4 PG*	14.5 Env **	Další informace:
IATA	UN2014	HYDROGEN PEROXIDE, AQUEOUS SOLUTION with not less than 20% but not more than 60% hydrogen peroxide (stabilized as necessary)	Třída: 5.1 Bezpečnostní značky: 5.1+8 Klasifikační kód: OC1  	II	Ne	Další informace viz níže.

* Obalová skupina

** Nebezpečnost pro životní prostředí

Další informace

Tento produkt podléhá dohodám o nebezpečném zboží.

ADR / Viz Tabulka A, oddíl 3.2.1, kde naleznete veškeré informace týkající se zvláštních ustanovení, požadavků nebo výstrah, spojených s přepravou. Viz oddíl 5.4.3, kde naleznete písemné pokyny týkající se zmírnění škod v souvislosti s mimořádnými událostmi nebo nehodami během přepravy.

IMDG / Viz oddíl 3.2.1, kde naleznete veškeré informace týkající se zvláštních ustanovení, požadavků nebo výstrah, spojených s přepravou.

IATA / Viz Tabulka 4.2, kde naleznete veškeré informace týkající se zvláštních ustanovení, požadavků nebo výstrah, spojených s přepravou.

14.6. Zvláštní bezpečnostní opatření pro uživatele

Netýká se.

14.7. Námořní hromadná přeprava podle nástrojů IMO

Data nejsou k dispozici.

ODDÍL 15: INFORMACE O PŘEDPISECH

15.1. Předpisy týkající se bezpečnosti, zdraví a životního prostředí/specifické právní předpisy týkající se látky nebo směsi

Omezení aplikace:

Pouze pro profesionální uživatele.

Požadavek specifického vzdělání:

Žádné zvláštní požadavky.

SEVESO - Kategorie nebezpečnosti / Nebezpečné látky jmenovitě uvedené:

Netýká se.

Nařízení o prekursorů výbušnin:

peroxid vodíku 35% (Příloha I)

Označení obsahu podle předpisu o detergentech 648/2004:

≥ 30%

· Bělicí činidla na bázi kyslíku

Další informace:

Netýká se.

Zdroje:

Pracovní parvo vyhláška o zakázaných pracích a pracovištích č. 180/2015 Sb.

Nařízení Evropského parlamentu a Rady (ES) č. 648/2004 ze dne 31. března 2004 o detergentech.

Nařízení Komise (EU) č. 1357/2014 ze dne 18. prosince 2014 o odpadech.

Nařízení Rady (ES) č. 2019/1148 o prekursorů výbušnin.

Nařízení Evropského parlamentu a Rady (ES) č. 1272/2008 ze dne 16. prosince 2008 o klasifikaci, označování a balení látek a směsí (CLP).

Nařízení Evropského parlamentu a Rady (ES) č. 1907/2006 ze dne 18. prosince 2006 o registraci, hodnocení, povolování a omezování chemických látek (REACH).

15.2. Posouzení chemické bezpečnosti

Ne

ODDÍL 16: DALŠÍ INFORMACE

Plný text H-vět dle oddílu 3

H271, Může způsobit požár nebo výbuch; silný oxidant.

H302, Zdraví škodlivý při požití.

H314, Způsobuje těžké poleptání kůže a poškození očí.

H315, Dráždí kůži.

H318, Způsobuje vážné poškození očí.

H319, Způsobuje vážné podráždění očí.

H332, Zdraví škodlivý při vdechování.

H336, Může způsobit ospalost nebo závratě.

Zkratky

ADN = Mezinárodní předpisy pro přepravu nebezpečných věcí na vnitrozemských vodních cestách

ADR = Evropská dohoda týkající se silniční přepravy nebezpečných věcí

ATE = odhad akutní toxicity

BCF = biokoncentrační faktor

CAS = CAS registr

CE = Evropská shoda

CLP = Nařízení o klasifikaci, označování a balení látek a směsí [nařízení (ES) 1272/2008]

CSA = posouzení chemické bezpečnosti

CSR = zpráva o chemické bezpečnosti

DMEL = odvozená minimální úroveň, při které dochází k nepříznivým účinkům

DNEL = odvozená úroveň, při které nedochází k nepříznivým účinkům

EINECS = Evropský seznam existujících obchodovaných chemických látek

ES = scénář expozice

EuPCS = Evropský systém kategorizace výrobků

EWC = Evropský katalog odpadů

GHS = Globálně harmonizovaný systém klasifikace a označování chemických látek a směsí

GWP = Potenciálem globálního oteplování

H nařízení Evropské unie = CLP - specifické nařízení nebezpečnosti

IATA = Asociace pro mezinárodní leteckou dopravu

IBC = IBC kontejner

IMDG = námořní přeprava nebezpečných věcí dle IMDG

LogPow = logaritmus rozdělovacího koeficientu oktanol/voda

MARPOL = Mezinárodní úmluva o zabránění znečištění z lodí z roku 1973 ve znění protokolu z roku 1978. ("MARPOL" = znečištění moří)

OECD = Organizace pro ekonomickou spolupráci a rozvoj

PBT = perzistentní, bioakumulativní a toxická/é

PNEC = odhad koncentrace, při níž nedochází k nepříznivým účinkům

RID = Nařízení o mezinárodní přepravě nebezpečného zboží po železnici

RRN = Registrační číslo REACH

SCL = určitý limit koncentrace.

STOT-RE = specifický cílový orgán toxicity - opakovaná expozice

STOT-SE = specifický cílový orgán toxicity - jednorázová expozice

SVHC = látky vyvolávající velmi velké obavy

TWA = Vážený průměr v čase

UN = Organizace spojených národů (OSN)

UVCB = Jsou látky s neznámým nebo proměnlivým složením, komplexní reakční produkty nebo biologické materiály.

VOC = těkavé organické látky

vPvB = vysoce perzistentní a vysoce bioakumulativní

Další informace

Klasifikace směsi s ohledem na rizika pro zdraví jsou v souvislosti s výpočtovými metodami nařízení (EC) č. 1272/2008 (CLP).

BL ověřil

Quality & Compliance

Ostatní

Změna oproti poslední velké revizi (první číslice verze SDS) je označena trojúhelníkem.

Informace v tomto SDS se týkají pouze tohoto konkrétního produktu (zmíněnému v oddíl 1) a nemusí být přesné, pokud jde o jiné chemikálie/produkty.

Doporučujeme předat tento SDS skutečnému uživateli produktu. Informace v tomto SDS neslouží jako specifikace produktu.

Země-jazyk: CZ-cs

SICHERHEITSDATENBLATT

iT.34 laundry stainremover pro active oxygen

ABSCHNITT 1: BEZEICHNUNG DES STOFFS BEZIEHUNGSWEISE DES GEMISCHS UND DES UNTERNEHMENS

1.1. Produktidentifikator

Handelsname:

iT.34 laundry stainremover pro active oxygen

Eindeutiger Rezepturidentifikator (UFI):

KWY8-NP05-J88H-EC1G

1.2. Relevante identifizierte Verwendungen des Stoffs oder Gemischs und Verwendungen, von denen abgeraten wird

Relevante identifizierte Verwendungen des Stoffs oder Gemischs:

Wasch- und Reinigungsmittel (einschließlich Produkte auf Lösungsmittelbasis)
Nur für gewerbliche Anwender.

Verwendungen, von denen abgeraten wird:

Keine bekannt.

1.3. Einzelheiten zum Lieferanten, der das Sicherheitsdatenblatt bereitstellt

Firmenname und Adresse:

Hygeniq B.V.

Postbus 618
7500 AP Enschede
The Netherlands
+31 53 4282860
+31 53 5393865
www.hygeniq.com

Email:

info@hygeniq.com

Überarbeitet am:

15.08.2025

SDB Version:

1.0

1.4. Notrufnummer

Notfall: Rufen Sie 112 an, fordern Sie die Informationen zur Giftnotrufzentrale an. 24 Stunden am Tag geöffnet.

Giftnotrufzentrale Berlin, Notfallrufnummer: +49 30 19240 (Tag und Nacht)

Siehe auch Abschnitt 4 zu Erste-Hilfe-Maßnahmen

ABSCHNITT 2: MÖGLICHE GEFAHREN

Eingestuft gemäß der Verordnung (EG) Nr. 1272/2008 (CLP).

2.1. Einstufung des Stoffs oder Gemischs

Met. Corr. 1; H290, Kann gegenüber Metallen korrosiv sein.
Acute Tox. 4; H302, Gesundheitsschädlich bei Verschlucken.
Skin Irrit. 2; H315, Verursacht Hautreizungen.
Eye Dam. 1; H318, Verursacht schwere Augenschäden.
STOT SE 3; H336, Kann Schläfrigkeit und Benommenheit verursachen.

2.2. Kennzeichnungselemente

Gefahrenpiktogramme:



Signalwort:

Gefahr

Gefahrenhinweise:

Kann gegenüber Metallen korrosiv sein. (H290)
Gesundheitsschädlich bei Verschlucken. (H302)
Verursacht Hautreizungen. (H315)
Verursacht schwere Augenschäden. (H318)
Kann Schläfrigkeit und Benommenheit verursachen. (H336)

Sicherheitshinweise:

Allgemeines:

Nicht zutreffend.

Prävention:

Nach Gebrauch Hände und exponierte Haut gründlich waschen. (P264)
Augenschutz/Schutzhandschuhe/Schutzkleidung tragen. (P280)

Reaktion:

BEI KONTAKT MIT DEN AUGEN: Einige Minuten lang behutsam mit Wasser spülen. Eventuell vorhandene Kontaktlinsen nach Möglichkeit entfernen. Weiter spülen. (P305+P351+P338)
Verschüttete Mengen aufnehmen, um Materialschäden zu vermeiden. (P390)

Lagerung:

In Behälter mit widerstandsfähiger Innenauskleidung aufbewahren. (P406)

Entsorgung:

Inhalt/Behälter gemäß lokalen Vorschriften zuführen. (P501)

Enthält:

Wasserstoffperoxid

Andere Kennzeichnungen:

UFI: KQY8-NP0S-J88H-EC1G

Kennzeichnung der Inhaltsstoffe gemäß Verordnung über Detergenzien 648/2004 (gilt für Verpackungen von Reinigungsmitteln, die an die breite Öffentlichkeit verkauft werden):

≥ 30%

· Bleichmittel auf Sauerstoffbasis

2.3. Sonstige Gefahren

Anderes:

Diese Mischung/dieses Produkt enthält keine Substanzen, die den Kriterien für eine Klassifizierung als PBT- und/oder vPvB-Stoff entsprechen.

Dieses Produkt enthält keine Stoffe, die gemäß den Kriterien der Delegierten Verordnung (EU) 2017/2100 der Kommission oder der Verordnung (EU) 2023/707 der Kommission als endokrine Disruptoren gelten.

ABSCHNITT 3: ZUSAMMENSETZUNG/ANGABEN ZU BESTANDTEILEN

3.1. Stoffe

Nicht zutreffend. Dieses Produkt ist ein Gemisch.

3.2. Gemische

Produkt / Substanz	Identifikatoren	% w/w	Einstufung	Anm.
Wasserstoffperoxid	CAS-Nr.: 7722-84-1 EG-Nr.: 231-765-0 REACH: 01-2119485845-22-XXXX Indexnr.: 008-003-00-9	30-50%	Ox. Liq. 1, H271 Acute Tox. 4, H302 Skin Corr. 1A, H314 (SCL: 70,00 %) Skin Corr. 1B, H314 (SCL: 50,00 %) Skin Irrit. 2, H315 (SCL: 35,00 %) Eye Dam. 1, H318 (SCL: 8,00 %) Eye Irrit. 2, H319 (SCL: 5,00 %) Acute Tox. 4, H332 STOT SE 3, H336 (SCL: 35,00 %)	

Vollständiger Text der H-Sätze - siehe Abschnitt 16. Die Grenzwerte für die Exposition am Arbeitsplatz sind, wenn verfügbar, in Abschnitt 8 wiedergegeben.

Weitere Angaben

-

ABSCHNITT 4: ERSTE-HILFE-MASSNAHMEN

4.1. Beschreibung der Erste-Hilfe-Massnahmen

Allgemeine Hinweise:

Bei Unfällen: Arzt oder Erste-Hilfe-Raum aufsuchen - das Etikett oder dieses Sicherheitsdatenblatt mitbringen.
Bei anhaltenden Symptomen oder Zweifel über den Zustand des Geschädigten ist ärztliche Hilfe aufzusuchen.
Einem Bewusstlosen nie Wasser o.Ä. verabreichen.

Nach Einatmen:

Bei Atembeschwerden oder Reizung der Atemwege: Betroffenen an die frische Luft bringen und beaufsichtigen.

Nach Hautkontakt:

BEI BERÜHRUNG MIT DER HAUT: Mit viel Wasser/Wasser und Seife waschen.
Verunreinigte Kleidung und Schuhe entfernen. Haut, die mit dem Material in Kontakt gekommen ist, ist gründlich mit Wasser und Seife zu waschen. KEIN Lösungsmittel oder Verdünner verwenden.
Bei Hautreizung: Ärztlichen Rat einholen/ärztliche Hilfe hinzuziehen.

Nach Augenkontakt:

Bei Kontakt mit den Augen: Augen sofort mit viel Wasser (20-30 °C) mindestens 30 Minuten lang spülen, bis die Reizung aufhört. Ggf. Kontaktlinsen herausnehmen. Unter dem oberen und unteren Lid spülen. Sofort Arzt aufsuchen. Während des Transports weiter spülen.

Nach Verschlucken:

BEI VERSCHLUCKEN: Bei Unwohlsein GIFTINFORMATIONSZENTRUM/Arzt anrufen.
Mund ausspülen.

Verbrennung:

Nicht zutreffend.

4.2. Wichtigste akute und verzögert auftretende Symptome und Wirkungen

Das Produkt enthält Substanzen, welche schwere Augenschäden verursachen. Der Kontakt mit diesen Stoffen kann irreversible Auswirkungen auf das Auge haben / schwere Augenschäden verursachen.

4.3. Hinweise auf ärztliche Soforthilfe oder Spezialbehandlung

BEI Exposition oder falls betroffen:

Sofort ärztlichen Rat einholen/ärztliche Hilfe hinzuziehen.

Hinweise für den Arzt

Dieses Sicherheitsdatenblatt oder das Etikett des Produktes mitbringen.

ABSCHNITT 5: MASSNAHMEN ZUR BRANDBEKÄMPFUNG

5.1. Löschmittel

Nicht zutreffend.

5.2. Besondere vom Stoff oder Gemisch ausgehende Gefahren

Bei Feuer bildet sich dichter Rauch. Abbauproduktexposition kann eine gesundheitliche Gefahr bedeuten.

Geschlossene, dem Feuer ausgesetzte Behälter sind mit Wasser zu kühlen. Löschwasser nicht in Kanalisation und Fließgewässer gelangen lassen.

5.3. Hinweise für die Brandbekämpfung

Normale Einsatzbekleidung und voller Atemschutz.

ABSCHNITT 6: MASSNAHMEN BEI UNBEABSICHTIGTER FREISETZUNG

6.1. Personenbezogene Vorsichtsmaßnahmen, Schutzausrüstungen und in Notfällen anzuwendende Verfahren

Direkten Kontakt mit dem ausgetretenen Stoff vermeiden.

Sorgen Sie für ausreichende Belüftung, insbesondere in geschlossenen Räumen.

Vermeiden, Dämpfe ausgetretener Stoffe einzuatmen.

Kontaminierte Bereiche können rutschig sein.

6.2. Umweltschutzmaßnahmen

Einleitung in Seen, Bäche, Kanalisationen usw. vermeiden.

Halten Sie Unbefugte von dem verschütteten Produkt fern.

6.3. Methoden und Material für Rückhaltung und Reinigung

Verschüttetes Material wird mit nicht brennbaren absorbierenden Materialien wie etwa Sand, Erde, Vermiculit und Diatomeenerde eingedämmt und gemäß den geltenden Regeln in Behältern gesammelt und entsorgt.

Die Reinigung erfolgt soweit möglich mit Reinigungsmitteln. Lösungsmittel sind zu vermeiden.

6.4. Verweis auf andere Abschnitte

Siehe Abschnitt 13 "Hinweise zur Entsorgung" zur Handhabung von Abfällen.

Für Schutzmaßnahmen siehe Abschnitt 8 "Begrenzung und Überwachung der Exposition/Persönliche Schutzausrüstungen".

ABSCHNITT 7: HANDHABUNG UND LAGERUNG

7.1. Schutzmaßnahmen zur sicheren Handhabung

Direkten Kontakt mit dem Produkt vermeiden.

Rauchen, Verzehr von Lebensmitteln und Getränken sind im Arbeitsbereich nicht zulässig.

Siehe Abschnitt 8 zum Persönliche Schutzausrüstungen.

7.2. Bedingungen zur sicheren Lagerung unter Berücksichtigung von Unverträglichkeiten

Geöffnete Behälter sorgfältig verschließen und aufrecht lagern, um jegliches Auslaufen zu verhindern.

In Behälter mit widerstandsfähiger Innenauskleidung aufbewahren.

Zusammenlagerung ist erlaubt für Produkte der Lagerklassen: 2A, 2B, 3, 4.1B, 4.2, 5.1A, 5.1B, 5.2, 6.1A, 6.1B, 6.1C, 6.1D, 8A, 8B, 10, 11, 12, 13.

Zusammenlagerung ist mit Einschränkungen erlaubt für Produkte der Lagerklassen: 4.1A, 4.3, 5.1C.

Separatlagerung ist erforderlich für Produkte aller übrigen Lagerklassen.

Geeigneten Verpackung:

Nur in Originalverpackung aufbewahren.

Lagerklasse:

Lagerklasse 12 (Nichtbrennbare Flüssigkeiten).

TRGS 510 - Lagerung von Gefahrstoffen in ortsbeweglichen Behältern.

Lagerbedingungen:

Trocken, kühl und gut belüftet.

Unverträgliche Materialien:

Nur in Originalverpackung aufbewahren.

7.3. Spezifische Endanwendungen

Dieses Produkt sollte nur für Anwendungen in Abschnitt 1.2 verwendet werden.

ABSCHNITT 8: BEGRENZUNG UND ÜBERWACHUNG DER EXPOSITION/PERSÖNLICHE SCHUTZAUSRÜSTUNGEN

8.1. Zu überwachende Parameter

Wasserstoffperoxid

Arbeitsplatzgrenzwert (8 Stunden) (ppm): 0,5

Arbeitsplatzgrenzwert (8 Stunden) (mg/m³): 0,71

Kurzzeitwert (15 Minuten) (ppm): 0,5

Kurzzeitwert (15 Minuten) (mg/m³): 0,71

Kategorie für Kurzzeitwerte: I

Bemerkungen:

DFG = Senatskommission zur Prüfung gesundheitsschädlicher Arbeitsstoffe der DFG (MAK-Kommission).

Y = Ein Risiko der Fruchtschädigung braucht bei Einhaltung des Arbeitsplatzgrenzwertes und des biologischen Grenzwertes (BGW) nicht befürchtet zu werden.

Technische Regeln für Gefahrstoffe, Arbeitsplatzgrenzwerte, TRGS 900 (Jan. 2006)

DNEL

Wasserstoffperoxid

Prüfdauer:	Expositionswege:	DNEL:
Kurzfristig – Örtliche Auswirkungen - Allgemeine Bevölkerung	Inhalation	1.93 mg/m ³
Kurzfristig – Örtliche Auswirkungen - Arbeiter	Inhalation	3 mg/m ³
Langfristig – Örtliche Auswirkungen - Allgemeine Bevölkerung	Inhalation	0,21 mg/m ³
Langfristig – Örtliche Auswirkungen - Allgemeine Bevölkerung	Inhalation	210 µg/m ³
Langfristig – Örtliche Auswirkungen - Arbeiter	Inhalation	1.4 mg/m ³

PNEC

Wasserstoffperoxid

Expositionswege:	Dauer der Aussetzung:	PNEC:
Erde		0,023 mg/kg
Erde		1.9 µg/kg

Kläranlagen		466 mg/L
Pulsierende Freisetzung (Süßwasser)		13.8 µg/L
Seewasser		0,047 mg/L
Seewasser		12.6 µg/L
Seewassersedimente		0,047 mg/L
Seewassersedimente		47 µg/kg
Süßwasser		0,0126 mg/L
Süßwasser		12.6 µg/L
Süßwassersedimente		0,047 mg/kg
Süßwassersedimente		47 µg/kg

8.2. Begrenzung und Überwachung der Exposition

Es wird empfohlen die Einhaltung der angegebenen Grenzwerte regelmäßig zu kontrollieren.

Allgemeine Hinweise:

Rauchen, Verzehr von Lebensmitteln und Getränken sind im Arbeitsbereich nicht zulässig.

Expositionsszenarien:

Für dieses Produkt wurden keine Expositionsszenarien implementiert.

Expositionsgrenzwerte:

Für berufliche Benutzer gelten in Bezug auf die maximalen Expositionskonzentrationen die gesetzlichen Vorschriften zu Arbeitshygiene. Siehe die obigen arbeitshygienische Grenzwerte.

Zusätzliche Hinweise zur Gestaltung technischer Anlagen:

Dampfbildung muss auf ein Minimum reduziert werden und unter den aktuellen Grenzwerten liegen (siehe oben).

Wenn der reguläre Luftstrom im Arbeitsraum nicht ausreichend ist, wird die Installation eines lokalen

Abluftsystems empfohlen. Not- und Augenduschen müssen deutlich gekennzeichnet sind.

Stellen Sie sicher, dass Augenspülstationen und Notduschen leicht erreichbar sind.

Es gelten die üblichen Vorkehrungsmaßnahmen bei der Verwendung des Produkts. Einatmen von Dämpfen vermeiden.

Hygienemaßnahmen:

Kontaminierte Kleidung ausziehen und vor erneutem Tragen waschen.

Begrenzung der Umweltexposition:

Keine besonderen Anforderungen.

Individuelle Schutzmaßnahmen

Allgemeine Schutzmaßnahmen:

Nur Schutzausrüstung mit CE-Kennzeichnung verwenden.

Atemschutz:

Arbeitssituation	Typ	Klasse	Farbe	Normen	
Wenn ein Risiko von Dunst-/Aerosolbildung besteht	Vollmaske			EN136	

Körperschutz:

Empfohlen	Typ/Kategorien	Normen	
Es ist besondere Arbeitskleidung zu tragen.	-	-	

Handschutz:

Arbeitssituation	Material	Minimale Schichtdicke (mm)	Durchbruchzeit (min.)	Normen	
Im Falle längere Exposition oder bei hoher Konzentration	Nitrilkautschuk	0,4	> 480	EN374-2, EN16523-1, EN388	
Im Falle längere Exposition oder bei hoher Konzentration	Butyl Handschuh	0,7	> 480	EN374-2, EN16523-1, EN388, EN421	

Augenschutz:

Typ	Normen	
Schutzbrille mit Seitenschutz tragen	EN166	

ABSCHNITT 9: PHYSIKALISCHE UND CHEMISCHE EIGENSCHAFTEN

9.1. Angaben zu den grundlegenden physikalischen und chemischen Eigenschaften

Form:

Flüssig

Farbe:

Farblos

Geruch / Geruchsschwelle (ppm):

Charakteristisch

pH:

2.5

Dichte (g/cm³):

1,1 (20 °C)

Kinematische Viskosität:

Es liegen keine Daten vor.

Partikeleigenschaften:

Gilt nicht für Flüssigkeiten.

Zustandsänderungen

Schmelzpunkt/Gefrierpunkt (°C):

Es liegen keine Daten vor.

Erweichungspunkt/ -bereich (°C):

Gilt nicht für Flüssigkeiten.

Siedepunkt (°C):

100

Dampfdruck:

Es liegen keine Daten vor.

Relative Dampfdichte:

Es liegen keine Daten vor.

Zersetzungstemperatur (°C):

Es liegen keine Daten vor.

Explosions und Feuer Daten

Flammpunkt (°C):

Es liegen keine Daten vor.

Entzündbarkeit (°C):

Es liegen keine Daten vor.

Zündtemperatur (°C):

Es liegen keine Daten vor.

Explosionsgrenzen (% v/v):

Es liegen keine Daten vor.

Löslichkeit

Löslichkeit in Wasser:

Vollständig löslich

n-Octanol/Wasser Verteilungskoeffizient (LogKow):

Es liegen keine Daten vor.

Löslichkeit in Fett (g/L):

Es liegen keine Daten vor.

9.2. Sonstige Angaben

Weitere physikalische und chemische Parameter:

Es liegen keine Daten vor.

Brandfördernde Eigenschaften:

Es liegen keine Daten vor.

ABSCHNITT 10: STABILITÄT UND REAKTIVITÄT

10.1. Reaktivität

Es liegen keine Daten vor.

10.2. Chemische Stabilität

Das Produkt ist unter den in Abschnitt 7 aufgeführten Bedingungen stabil.

10.3. Möglichkeit gefährlicher Reaktionen

Keine bekannt.

10.4. Zu vermeidende Bedingungen

Keine bekannt.

10.5. Unverträgliche Materialien

Nur in Originalverpackung aufbewahren.

10.6. Gefährliche Zersetzungsprodukte

Unter normalen Lagerungs- und Verwendungsbedingungen sollten keine gefährlichen Zersetzungsprodukte entstehen.

ABSCHNITT 11: TOXIKOLOGISCHE ANGABEN

11.1. Angaben zu den Gefahrenklassen im Sinne der Verordnung (EG) Nr. 1272/2008

Akute Toxizität

Produkt / Substanz Wasserstoffperoxid

Spezies:	Ratte
Expositionswegen:	Oral
Test:	LD50
Ergebnis:	1.193 - 1.270 mg/L

Produkt / Substanz	Wasserstoffperoxid
Spezies:	Kaninchen
Expositionswegen:	Dermal
Test:	LD50
Ergebnis:	>2.000 (35% oplossing) mg/kg

Gesundheitsschädlich bei Verschlucken.

Ätz-/Reizwirkung auf die Haut

Produkt / Substanz	iT.34 laundry stainremover pro active oxygen
Ergebnis:	Schädliche Wirkungen beobachtet (Reizend)

Produkt / Substanz	Wasserstoffperoxid
Ergebnis:	Schädliche Wirkungen beobachtet (Reizend)

Verursacht Hautreizungen.

Schwere Augenschädigung/-reizung

Produkt / Substanz	iT.34 laundry stainremover pro active oxygen
Ergebnis:	Schädliche Wirkungen beobachtet (Verursacht schwere Augenschäden)

Produkt / Substanz	Wasserstoffperoxid
Ergebnis:	Schädliche Wirkungen beobachtet (Verursacht schwere Augenschäden)

Verursacht schwere Augenschäden.

Sensibilisierung der Atemwege

Produkt / Substanz	Wasserstoffperoxid
Ergebnis:	Keine schädlichen Wirkungen beobachtet (nicht sensibilisierend)

Aufgrund der verfügbaren Daten sind die Einstufungskriterien nicht erfüllt.

Sensibilisierung der Haut

Aufgrund der verfügbaren Daten sind die Einstufungskriterien nicht erfüllt.

Keimzell-Mutagenität

Aufgrund der verfügbaren Daten sind die Einstufungskriterien nicht erfüllt.

Karzinogenität

Produkt / Substanz	Wasserstoffperoxid
Ergebnis:	Keine schädlichen Wirkungen beobachtet

Aufgrund der verfügbaren Daten sind die Einstufungskriterien nicht erfüllt.

Reproduktionstoxizität

Produkt / Substanz	Wasserstoffperoxid
Ergebnis:	Keine schädlichen Wirkungen beobachtet

Aufgrund der verfügbaren Daten sind die Einstufungskriterien nicht erfüllt.

Spezifische Zielorgan-Toxizität bei einmaliger Exposition

Kann Schläfrigkeit und Benommenheit verursachen.

Spezifische Zielorgan-Toxizität bei wiederholter Exposition

Aufgrund der verfügbaren Daten sind die Einstufungskriterien nicht erfüllt.

Aspirationsgefahr

Produkt / Substanz	Wasserstoffperoxid

Aufgrund der verfügbaren Daten sind die Einstufungskriterien nicht erfüllt.

11.2. Angaben über sonstige Gefahren

Zusätzliche toxikologische Hinweise

Das Produkt enthält Substanzen, welche schwere Augenschäden verursachen. Der Kontakt mit diesen Stoffen kann irreversible Auswirkungen auf das Auge haben / schwere Augenschäden verursachen.

Endokrinschädlichen Eigenschaften

Diese Mischung/dieses Produkt enthält keine Substanzen, von denen angenommen wird, dass sie in Bezug auf die Gesundheit hormonstörende Eigenschaften aufweisen.

Sonstige Angaben

Wasserstoffperoxid : Der Stoff wurde von der IARC in Gruppe 3 eingestuft.

ABSCHNITT 12: UMWELTBEZOGENE ANGABEN

12.1. Toxizität

Produkt / Substanz	Wasserstoffperoxid
Spezies:	Fisch, Pimephales promelas
Prüfdauer:	96 Stunden
Test:	LC50
Ergebnis:	16,4 mg/L

Produkt / Substanz	Wasserstoffperoxid
Spezies:	Fisch, Leuciscus idus
Prüfdauer:	72 Stunden
Test:	LC50
Ergebnis:	35 mg/L

Produkt / Substanz	Wasserstoffperoxid
Spezies:	Fisch, Oncorhynchus mykiss
Prüfdauer:	7 Tage
Test:	LC50
Ergebnis:	38,5 mg/L

Produkt / Substanz	Wasserstoffperoxid
Spezies:	Daphnia pulex
Prüfdauer:	48 Stunden
Test:	EC50
Ergebnis:	2,4 mg/L

Produkt / Substanz	Wasserstoffperoxid
Spezies:	Daphnia magna
Prüfdauer:	24 Stunden
Test:	EC50
Ergebnis:	7,7 mg/L

Produkt / Substanz	Wasserstoffperoxid
Spezies:	Skeletonema costatum
Prüfdauer:	72 Stunden
Test:	EC50
Ergebnis:	1,38 mg/L

Produkt / Substanz	Wasserstoffperoxid
Prüfmethode:	OECD 209
Spezies:	Bakterien

Umwelt-kompartiment : Aktivierte Kläranlage
Prüfdauer: 30 minutes
Test: EC50
Ergebnis: 466 mg/L

Produkt / Substanz Wasserstoffperoxid
Prüfmethode: OECD 209
Spezies: Bakterien
Umwelt-kompartiment : Aktivierte Kläranlage
Prüfdauer: 3 Stunden
Test: EC50
Ergebnis: > 1.000 mg/L

Aufgrund der verfügbaren Daten sind die Einstufungskriterien nicht erfüllt.

12.2. Persistenz und Abbaubarkeit

Produkt / Substanz Wasserstoffperoxid
Ergebnis: Leichte biologische Abbaubarkeit

12.3. Bioakkumulationspotenzial

Produkt / Substanz Wasserstoffperoxid
LogKow: -1,57
Ergebnis: -

12.4. Mobilität im Boden

Es liegen keine Daten vor.

12.5. Ergebnisse der PBT- und vPvB-Beurteilung

Diese Mischung/dieses Produkt enthält keine Substanzen, die den Kriterien für eine Klassifizierung als PBT- und/oder vPvB-Stoff entsprechen.

12.6. Endokrinschädlichen Eigenschaften

Produkt / Substanz iT.34 laundry stainremover pro active oxygen
Ergebnis: Keine schädlichen Wirkungen beobachtet

Diese Mischung/dieses Produkt enthält keine Substanzen, von denen angenommen wird, dass sie in Bezug auf die Umwelt endokrinschädigende Eigenschaften aufweisen.

12.7. Andere schädliche Wirkungen

Keine bekannt.

ABSCHNITT 13: HINWEISE ZUR ENTSORGUNG

13.1. Verfahren der Abfallbehandlung

Das Produkt sollte als gefährlicher Abfall behandelt werden. (*)

HP 6 - Akute Toxizität

HP 8 - Ätzend

Inhalt/Behälter zugelassenem Entsorger oder kommunaler Sammelstelle zuführen.

VERORDNUNG (EU) Nr. 1357/2014 der Kommission vom 18. Dezember 2014 über Abfälle.

Abfallschlüsselnr. (EWC):

20 01 29* Reinigungsmittel, die gefährliche Stoffe enthalten

Ungereinigte Verpackungen

Verpackungen mit Produktrückständen sind nach den gleichen Bedingungen zu entsorgen, wie das Produkt selbst.

ABSCHNITT 14: ANGABEN ZUM TRANSPORT

	14.1 UN	14.2 Ordnungsgemäße UN- Versandbezeichnung	14.3 Transportgefahrenklassen	14.4 PG*	14.5. Env**	Weitere Angaben:
ADR	UN2014	WASSERSTOFFPEROXID, WÄSSRIGE LÖSUNG	Transportgefahren-klassen: 5.1 Gefahrzettel: 5.1+8 Klassifizierungscode: OC1  	II	Nein	Begrenzte Mengen: 1 L Tunnelbeschränkungs- code: (E) Nähere Informationen siehe unten.
IMDG	UN2014	HYDROGEN PEROXIDE, AQUEOUS SOLUTION with not less than 20% but not more than 60% hydrogen peroxide (stabilized as necessary)	Transportgefahren-klassen: 5.1 Gefahrzettel: 5.1+8 Klassifizierungscode: OC1  	II	Nein	Begrenzte Mengen: 1 L EmS: F-H S- Q Nähere Informationen siehe unten.
IATA	UN2014	HYDROGEN PEROXIDE, AQUEOUS SOLUTION with not less than 20% but not more than 60% hydrogen peroxide (stabilized as necessary)	Transportgefahren-klassen: 5.1 Gefahrzettel: 5.1+8 Klassifizierungscode: OC1  	II	Nein	Nähere Informationen siehe unten.

* Verpackungsgruppe

** Umweltgefahren

Anderes

Das Produkt fällt unter die Gefahrgutkonventionen.

ADR / Information zu besonderen Vorkehrungen, Bedingungen oder Warnungen in Bezug auf den Transport siehe Tabelle A, Abschnitt 3.2.1. Schriftliche Anweisungen zur Schadensvermeidung bei transportbezogenen Un- oder Zwischenfällen siehe Abschnitt 5.4.3.

IMDG / Information zu besonderen Vorkehrungen, Bedingungen oder Warnungen in Bezug auf den Transport siehe Abschnitt 3.2.1.

IATA / Information zu besonderen Vorkehrungen, Bedingungen oder Warnungen in Bezug auf den Transport siehe Tabelle 4.2.

14.6. Besondere Vorsichtsmaßnahmen für den Verwender

Nicht zutreffend.

14.7. Massengutbeförderung auf dem Seeweg gemäß IMO-Instrumenten

Es liegen keine Daten vor.

ABSCHNITT 15: RECHTSVORSCHRIFTEN

15.1. Vorschriften zu Sicherheit, Gesundheits- und Umweltschutz/spezifische Rechtsvorschriften für den Stoff oder das Gemisch

Nutzungsbeschränkungen:

Nur für gewerbliche Anwender.

Bedarf für spezielle Schulung:

Keine besonderen Anforderungen.

Der Störfallverordnung - Gefahrenkategorien / Namentlich aufgeführte gefährliche Stoffe:

Nicht zutreffend.

Verordnung von Ausgangsstoffen für Explosivstoffe:

Wasserstoffperoxid (Anhang I)

Kennzeichnung der Inhaltsstoffe gemäß Verordnung über Detergenzien 648/2004:

≥ 30%

· Bleichmittel auf Sauerstoffbasis

WGK-Einstufung:

Wassergefährdungsklasse: WGK 1

Anderes:

Nicht zutreffend.

Verwendete Quellen:

Gesetz zum Schutz der arbeitenden Jugend (Jugendarbeitsschutzgesetz – JArbSchG).

VERORDNUNG (EG) Nr. 648/2004 des Europäischen Parlaments und des Rates vom 31. März 2004 über Detergenzien.

VERORDNUNG (EU) Nr. 1357/2014 der Kommission vom 18. Dezember 2014 über Abfälle.

Verordnung (EU) 2019/1148 von Ausgangsstoffen für Explosivstoffe.

Verordnung über Anlagen zum Umgang mit wassergefährdenden Stoffen (AwSV).

VERORDNUNG (EG) Nr. 1272/2008 des Europäischen Parlaments und des Rates vom 16. Dezember 2008 über die Einstufung, Kennzeichnung und Verpackung von Stoffen und Gemischen (CLP).

Verordnung (EG) Nr. 1907/2006 des Europäischen Parlaments und des Rates vom 18. Dezember 2006 zur Registrierung, Bewertung, Zulassung und Beschränkung chemischer Stoffe (REACH).

15.2. Stoffsicherheitsbeurteilung

Nein

ABSCHNITT 16: SONSTIGE ANGABEN

H-Sätze (Abschnitt 3)

H271, Kann Brand oder Explosion verursachen; starkes Oxidationsmittel.

H302, Gesundheitsschädlich bei Verschlucken.

H314, Verursacht schwere Verätzungen der Haut und schwere Augenschäden.

H315, Verursacht Hautreizungen.

H318, Verursacht schwere Augenschäden.

H319, Verursacht schwere Augenreizung.

H332, Gesundheitsschädlich bei Einatmen.

H336, Kann Schläfrigkeit und Benommenheit verursachen.

Abkürzungen und Akronyme

ADN = Europäisches Übereinkommen über die internationale Beförderung von gefährlichen Gütern auf Binnenwasserstrassen

ADR = Europäisches Übereinkommen über die internationale Beförderung gefährlicher Güter auf der Strasse

ak = andere kontrollpflichtige Abfälle

akb = andere kontrollpflichtige Abfälle mit Begleitscheinpflicht

ATE = Schätzwert akute Toxizität

BCF = Biokonzentrationsfaktor

CAS = Chemical Abstracts Service

CE = Conformité Européenne (Europäische Konformität)

CLP = Verordnung über die Einstufung, Kennzeichnung und Verpackung [Verordnung (EG) Nr. 1272/2008]

CSA = Stoffsicherheitsbeurteilung

CSR = Stoffsicherheitsbericht
DMEL = Abgeleiteter Minimaler-Effekt-Grenzwert
DNEL = Abgeleiteter Nicht-Effekt-Grenzwert
EAK = Europäischer Abfallkatalog
EINECS = Altstoffverzeichnis
ES = Expositionsszenario EUH-Satz = CLP-spezifischer Gefahrenhinweis
EuPCS = Europäisches Produktkategorisierungssystem
GHS = Global harmonisiertes System zur Einstufung und Kennzeichnung von Chemikalien
GWP = Potenzial zur Erwärmung der Erdatmosphäre
IATA = Internationale Flug-Transport-Vereinigung
IBC = Intermediate Bulk Container
IMDG = Gefährliche Güter im internationalen Seeschiffsverkehr
LogPow = Dekadischer Logarithmus des Oktanol-Wasser-Verteilungskoeffizienten
MARPOL = Internationales Übereinkommen von 1973 zur Verhütung der Meeresverschmutzung durch Schiffe in der Fassung des Protokolls von 1978. ("Marpol" = marine pollution)
nwg = Nicht wassergefährdend
OECD = Organisation für wirtschaftliche Zusammenarbeit und Entwicklung
PBT = Persistent, bioakkumulierbar und toxisch
PNEC = Abgeschätzte Nicht-Effekt-Konzentration
RID = Regelung zur internationalen Eisenbahnbeförderung gefährlicher Güter
RRN = REACH Registriernummer
S = Sonderabfälle
SCL = Spezifischen Konzentrationsgrenzwert.
SVHC = Besonders besorgniserregende Substanzen
STOT-RE = Spezifische Zielorgan-Toxizität - Wiederholte Exposition
STOT-SE = Spezifische Zielorgan-Toxizität - Einmalige Exposition
UN = Vereinigte Nationen
UVCB = Stoffe mit unbekannter oder variabler Zusammensetzung, komplexe Reaktionsprodukte und biologische Materialien.
VOC = Flüchtige organische Verbindungen
vPvB = Sehr persistent und sehr bioakkumulierbar
WGK = Wassergefährdungsklasse

Anderes

Die Klassifizierung der Mischung hinsichtlich der Gesundheitsgefahren entspricht den von der Verordnung (EU) Nr. 1272/2008 (CLP) vorgegebenen Berechnungsmethoden.

Sicherheitsdatenblatt abgenommen durch

Quality & Compliance

Anderes

Änderungen im Verhältnis zur letzten umfassenden Revision (erste Ziffer in der SDS-Version, s. Abschnitt 1) dieses Sicherheitsdatenblatts sind mit einem Dreieck markiert.
Angaben in diesem Sicherheitsdatenblatt gelten nur für das Produkt in Abschnitt 1 und gelten nicht unbedingt bei Einsatz zusammen mit anderen Produkten.
Es wird empfohlen, dem tatsächlichen Produktbenutzer dieses Sicherheitsdatenblatt auszuhändigen. Die erwähnten Angaben sind nicht als Produktspezifikation zu verwenden.
Land-sprache: DE-de

SIKKERHEDSDATABLAD

iT.34 laundry stainremover pro active oxygen

PUNKT 1: IDENTIFIKATION AF STOFFET/BLANDINGEN OG AF SELSKABET/VIRKSOMHEDEN

1.1. Produktidentifikator

Handelsnavn:

iT.34 laundry stainremover pro active oxygen

Unik formelidentifikator (UFI):

KWY8-NP0S-J88H-EC1G

1.2. Relevante identificerede anvendelser for stoffet eller blandingen samt anvendelser, der frarådes

Relevante identificerede anvendelser for stoffet eller blandingen:

Vask- og rengøringsprodukt (indeholdende opløsningsmiddelbaserede produkter)

Udelukkende til erhvervsmæssig brug.

Anvendelser der frarådes :

Ingen kendte.

1.3. Nærmere oplysninger om leverandøren af sikkerhedsdatabladet

Firmanavn og adresse:

Hygeniq B.V.

Postbus 618

7500 AP Enschede

The Netherlands

+31 53 4282860

+31 53 5393865

www.hygeniq.com

E-mail:

info@hygeniq.com

Revision:

15.08.2025

SDS Version:

1.0

1.4. Nødtelefon

Kontakt Giftlinjen på telefon +45 82 12 12 12 (åbent 24 timer i døgnet).

Se punkt 4 om førstehjælpsforanstaltninger.

PUNKT 2: FAREIDENTIFIKATION

Klassificeret i henhold til Europa-Parlamentets og Rådets forordning (EF) nr. 1272/2008 (CLP).

2.1. Klassificering af stoffet eller blandingen

Met. Corr. 1; H290, Kan ætse metaller.

I overensstemmelse med Forordning (EF) nr. 1907/2006 (REACH), bilag II, med senere tilpasning i henhold til Forordning (EU) nr. 2020/878

Acute Tox. 4; H302, Farlig ved indtagelse.
Skin Irrit. 2; H315, Forårsager hudirritation.
Eye Dam. 1; H318, Forårsager alvorlig øjenskade.
STOT SE 3; H336, Kan forårsage sløvhed eller svimmelhed.

2.2. Mærkningselementer

Farepiktogram:



Signalord:

Fare

Faresætninger:

Kan ætse metaller. (H290)
Farlig ved indtagelse. (H302)
Forårsager hudirritation. (H315)
Forårsager alvorlig øjenskade. (H318)
Kan forårsage sløvhed eller svimmelhed. (H336)

Sikkerhedssætning(er):

Generelt:

Ikke relevant.

Forebyggelse:

Vask hænder og eksponeret hud grundigt efter brug. (P264)
Bær øjenbeskyttelse/beskyttelseshandsker/beskyttelsestøj. (P280)

Reaktion:

VED KONTAKT MED ØJNE: Skyl forsigtigt med vand i flere minutter. Fjern eventuelle kontaktlinser, hvis dette kan gøres let. Fortsæt skylning. (P305+P351+P338)
Absorber udslip for at undgå materielskade. (P390)

Opbevaring:

Opbevares i beholder med modstandsdygtig foring. (P406)

Bortskaffelse:

Indholdet/beholderen bortskaffes i overensstemmelse med lokale regler. (P501)

Oplysningspligtige indholdsstoffer:

hydrogenperoxidopløsning 35%; brintoverilte 35%

Anden mærkning:

UFI: KQY8-NP0S-J88H-EC1G

Indholdsmærkning jævnfør detergent-forordning (EF) nr. 648/2004 (gælder for emballage til vaskemidler, der sælges til offentligheden):

≥ 30%

· Iltbaserede Blegemidler

2.3. Andre farer

Andet:

Blandingen/produktet indeholder ingen stoffer, som opfylder kriterierne for at skulle klassificeres som et PBT- og/eller vPvB-stof.

Produktet indeholder ingen stoffer, der er vurderet til at være hormonforstyrrende i overensstemmelse med kriterierne i Kommissionens delegerede forordning (EU) 2017/2100 eller Kommissionens forordning (EU) 2023/707.

I overensstemmelse med Forordning (EF) nr. 1907/2006 (REACH), bilag II, med senere tilpasning i henhold til Forordning (EU) nr. 2020/878

PUNKT 3: SAMMENSÆTNING AF/OPLYSNING OM INDHOLDSTOFFER

3.1. Stoffer

Finder ikke anvendelse. Dette produkt er en blanding.

3.2. Blandinger

Produkt/Substans	Identifikatorer	% w/w	Klassificering	Bem.
hydrogenperoxidopløsning 35%; brintoverilte 35%	CAS nr: 7722-84-1 EF nr.: 231-765-0 REACH: 01-2119485845-22-XXXX Indeksnr: 008-003-00-9	30-50%	Ox. Liq. 1, H271 Acute Tox. 4, H302 Skin Corr. 1A, H314 (SCL: 70,00 %) Skin Corr. 1B, H314 (SCL: 50,00 %) Skin Irrit. 2, H315 (SCL: 35,00 %) Eye Dam. 1, H318 (SCL: 8,00 %) Eye Irrit. 2, H319 (SCL: 5,00 %) Acute Tox. 4, H332 STOT SE 3, H336 (SCL: 35,00 %)	

Den fulde ordlyd af H-sætningerne findes i punkt 16. Arbejdshygieniske grænseværdier er nævnt i punkt 8, såfremt de er tilgængelige.

Andre oplysninger

-

PUNKT 4: FØRSTEHJÆLPSFORANSTALTNINGER

4.1. Beskrivelse af førstehjælpsforanstaltninger

Generelt:

Ved uheld: Kontakt læge eller skadestue - medbring etiketten eller dette sikkerhedsdatablad. Lægen kan rette henvendelse til Arbejds- og miljømedicinsk klinik, Bispebjerg Hospital, tlf. 38 63 61 72.

Ved vedvarende symptomer eller ved tvivl om den tilskadekomnes tilstand skal der søges lægehjælp. Giv aldrig en bevidstløs person vand eller lignende.

Indånding:

Ved åndedrætsbesvær eller anden irritation af luftvejene: Bring personen ud i frisk luft og hold personen under opsyn.

Hudkontakt:

VED KONTAKT MED HUDEN: Vask med rigeligt vand/vand og sæbe.

Forurenet tøj og sko fjernes. Hud, der har været i kontakt med materialet vaskes grundigt med vand og sæbe. Brug IKKE opløsningsmidler eller fortyndere.

Ved hudirritation: Søg lægehjælp.

Øjenkontakt:

Ved kontakt med øjnene: Skyl straks øjnene med rigelige mængder vand eller saltvand (20-30 °C) indtil irritationen ophører og mindst i 30 minutter. Fjern evt. kontaktlinser. Sørg for at skylle under øvre og nedre øjenlåg. Søg straks lægehjælp og fortsæt skyllningen under transporten derhen.

Indtagelse:

I TILFÆLDE AF INDTAGELSE: Ring til GIFTLINJEN/læge i tilfælde af ubehag.

Skyl munden.

Forbrænding:

Ikke relevant.

I overensstemmelse med Forordning (EF) nr. 1907/2006 (REACH), bilag II, med senere tilpasning i henhold til Forordning (EU) nr. 2020/878

4.2. Vigtigste symptomer og virkninger, både akutte og forsinkede

Produktet indeholder stoffer som forårsager alvorlig øjenskade. Kontakt med disse stoffer kan medføre irreversible påvirkninger af øjet /alvorlige øjenskader.

4.3. Angivelse af om øjeblikkelig lægehjælp og særlig behandling er nødvendig

VED eksponering eller mistanke om eksponering:

Søg omgående lægehjælp.

Oplysning til lægen

Medbring dette sikkerhedsdatablad eller etiketten fra materialet.

PUNKT 5: BRANDBEKÆMPELSE

5.1. Slukningsmidler

Ikke relevant.

5.2. Særlige farer i forbindelse med stoffet eller blandingen

Brand vil udvikle tæt røg. Udsættelse for nedbrydningsprodukter kan udgøre en sundhedsfare. Lukkede beholdere, der udsættes for ild, afkøles med vand. Lad ikke vand fra brandslukning løbe ud i kloakker og vandløb.

5.3. Anvisninger for brandmandskab

Brug fuld åndedrætsbeskyttelse og beskyttelsesbeklædning for at forhindre kontakt. Ved direkte kontakt med kemikaliet kan indsatsleder kontakte kemikalieberedskabsvagten på telefon 72 85 20 00 (døgnvagt), med henblik på yderligere rådgivning.

PUNKT 6: FORHOLDSREGLER OVER FOR UDSLIP VED UHELD

6.1. Personlige sikkerhedsforanstaltninger, personlige værnemidler og nødprocedurer

Undgå direkte kontakt med spildt stof.

Sørg for tilstrækkelig ventilation, især i lukkede områder.

Undgå at indånde dampe fra spildt stof.

Forurenede arealer kan være glatte.

6.2. Miljøbeskyttelsesforanstaltninger

Undgå udledning til søer, åer, kloakker mv.

Hold uautoriserede personer væk fra spildet

6.3. Metoder og udstyr til inddæmning og oprensning

Spild begrænses og opsamles med ikke-brandbart absorberende materiale, f.eks. sand, jord, vemiculite, diatomejord og placeres i beholder og bortskaffes i overensstemmelse med gældende regler.

Rengøring foretages så vidt muligt med rengøringsmidler. Opløsningsmidler bør undgås.

6.4. Henvisning til andre punkter

Se punkt 13 "Bortskaffelse" om håndtering af affald.

Se punkt 8 "Eksponeringskontrol/personlige værnemidler" for beskyttelsesforanstaltninger.

PUNKT 7: HÅNDTERING OG OPBEVARING

7.1. Forholdsregler for sikker håndtering

Undgå direkte kontakt med produktet.

Rygning samt indtagelse af mad og drikke er ikke tilladt i arbejdslokaler.

Se punktet "Eksponeringskontrol/personlige værnemidler" for oplysning om personlig beskyttelse.

7.2. Betingelser for sikker opbevaring, herunder eventuel uforenelighed

Åbnet emballage skal lukkes omhyggeligt og opbevares oprejst for at forebygge lækage.

Opbevares i beholder med modstandsdygtig foring.

I overensstemmelse med Forordning (EF) nr. 1907/2006 (REACH), bilag II, med senere tilpasning i henhold til Forordning (EU) nr. 2020/878

Anbefalet opbevaringsmateriale:

Opbevares kun i originalemballagen.

Opbevaringsbetingelser:

Tørt, køligt og velventileret

Materialer, der skal undgås:

Opbevares kun i originalemballagen.

7.3. Særlige anvendelser

Produktet bør kun bruges til anvendelser beskrevet i punkt 1.2.

PUNKT 8: EKSPONERINGSKONTROL/PERSONLIGE VÆRNEMIDLER

8.1. Kontrolparametre

hydrogenperoxidopløsning 35%; brintoverilte 35%

Grænseværdi (8 timer) (mg/m³): 1,4

Grænseværdi (8 timer) (ppm): 1

Grænseværdi (15 minutter) (mg/m³): 2,8

Grænseværdi (15 minutter) (ppm): 2

Bekendtgørelse nr. 1619 om grænseværdier for stoffer og materialer af 19/12/2024.

DNEL

hydrogenperoxidopløsning 35%; brintoverilte 35%

Varighed:	Eksponeringsvej:	DNEL:
På kort sigt – lokale virkninger - arbejdere	Indånding	3 mg/m ³
På kort sigt – lokale virkninger - forbruger	Indånding	1.93 mg/m ³
På lang sigt – lokale virkninger - arbejdere	Indånding	1.4 mg/m ³
På lang sigt – lokale virkninger - forbruger	Indånding	0,21 mg/m ³
På lang sigt – lokale virkninger - forbruger	Indånding	210 µg/m ³

PNEC

hydrogenperoxidopløsning 35%; brintoverilte 35%

Eksponeringsvej:	Varighed af eksponering:	PNEC:
Ferskvand		0,0126 mg/L
Ferskvand		12.6 µg/L
Ferskvandssediment		0,047 mg/kg
Ferskvandssediment		47 µg/kg
Havvand		0,047 mg/L
Havvand		12.6 µg/L
Havvandssediment		0,047 mg/L
Havvandssediment		47 µg/kg
Jord		0,023 mg/kg
Jord		1.9 µg/kg
Periodisk udslip (ferskvand)		13.8 µg/L
Spildevandsbehandlingsanlæg		466 mg/L

I overensstemmelse med Forordning (EF) nr. 1907/2006 (REACH), bilag II, med senere tilpasning i henhold til Forordning (EU) nr. 2020/878

8.2. Eksponeringskontrol

Overholdelse af de angivne grænseværdier bør kontrolleres regelmæssigt. Se evt. At-vejledning D.7.1, maj 2001.

Generelle forholdsregler:

Rygning samt indtagelse af mad og drikke er ikke tilladt i arbejdslokaler.

Eksponeringsscenarier:

Der er ikke implementeret nogen eksponeringsscenarier for dette produkt.

Eksponeringsgrænse:

Erhvervsmæssige brugere er omfattet af arbejdsmiljølovgivningens regler om maksimumkoncentrationer for eksponering. Se arbejdshygiejniske grænseværdier ovenfor.

Tekniske tiltag:

Udvikling af dampe skal holdes lavest muligt og under de pågældende grænseværdier (se ovenfor). Brug eventuelt punktudsugning såfremt almindelig luftgennemstrømning i arbejdslokalet ikke er tilstrækkeligt. Sørg for synlig skiltning af øjenskyl og nødbruiser.

Sørg for, at øjenskylstation og sikkerhedsbruser er placeret inden for rækkevidde.

Udvis almindelig forsigtighed ved brug af produktet. Undgå indånding af dampe.

Hygiejniske foranstaltninger:

Alt tilsmudset tøj tages af og vaskes inden genanvendelse.

Foranstaltninger til begrænsning af eksponering af miljøet:

Ingen særlige krav.

Individuelle beskyttelsesforanstaltninger

Generelt:

Anvend kun CE-mærket værneudstyr.

Luftvejene:

Arbejdssituation	Type	Klasse	Farve	Standarder	
Ved risiko for dannelse af tåge/aerosol	Helmaske			EN136	

Hud og krop:

Type	Type/Kategori	Standarder	
Særligt arbejdstøj bør anvendes.	-	-	

Hænder:

Arbejdssituation	Materiale	Handsketykkelse (mm)	Gennembrudstid (min.)	Standarder	
I tilfælde af langvarig eksponering eller høje koncentrationer	Nitrilgummi	0,4	> 480	EN374-2, EN16523-1, EN388	
I tilfælde af langvarig eksponering eller høje koncentrationer	Butylgummi	0,7	> 480	EN374-2, EN16523-1, EN388, EN421	

Øjne:

I overensstemmelse med Forordning (EF) nr. 1907/2006 (REACH), bilag II, med senere tilpasning i henhold til Forordning (EU) nr. 2020/878

Type	Standarder	
Beskyttelsesbriller med sideskjold	EN166	

PUNKT 9: FYSISKE OG KEMISKE EGENSKABER

9.1. Oplysninger om grundlæggende fysiske og kemiske egenskaber

Fysisk form:

Flydende

Farve:

Farveløs

Lugt / Lugttærskel (ppm):

Karakteristisk

pH:

2.5

Massefylde (g/cm³):

1,1 (20 °C)

Kinematisk viskositet:

Ingen data tilgængelige.

Partikelegenskaber:

Finder ikke anvendelse på væsker.

Tilstandsændring og dampe

Smeltepunkt/frysepunkt (°C):

Ingen data tilgængelige.

Blødgøringspunkt/-interval (°C):

Finder ikke anvendelse på væsker.

Kogepunkt (°C):

100

Damptryk:

Ingen data tilgængelige.

Relativ dampmassefylde:

Ingen data tilgængelige.

Nedbrydningstemperatur (°C):

Ingen data tilgængelige.

Data for brand- og eksplosionsfare

Flammepunkt (°C):

Ingen data tilgængelige.

Antændelighed (°C):

Ingen data tilgængelige.

Selvantændelsestemperatur (°C):

Ingen data tilgængelige.

Øvre og nedre eksplosionsgrænse (% v/v):

Ingen data tilgængelige.

I overensstemmelse med Forordning (EF) nr. 1907/2006 (REACH), bilag II, med senere tilpasning i henhold til Forordning (EU) nr. 2020/878

Opløselighed

Opløselighed i vand:

Fuldt opløseligt

n-octanol/vand koefficient (LogKow):

Ingen data tilgængelige.

Opløselighed i fedt (g/L):

Ingen data tilgængelige.

9.2. Andre oplysninger

Andre fysiske og kemiske parametre:

Ingen data tilgængelige.

Oxiderende egenskaber:

Ingen data tilgængelige.

PUNKT 10: STABILITET OG REAKTIVITET

10.1. Reaktivitet

Ingen data tilgængelige.

10.2. Kemisk stabilitet

Produktet er stabilt under de betingelser, som er angivet i punkt 7 "Håndtering og opbevaring".

10.3. Risiko for farlige reaktioner

Ingen kendte.

10.4. Forhold, der skal undgås

Ingen kendte.

10.5. Materialer, der skal undgås

Opbevares kun i originalemballagen.

10.6. Farlige nedbrydningsprodukter

Under normale opbevarings- og brugsforhold bør der ikke dannes farlige nedbrydningsprodukter.

PUNKT 11: TOKSIKOLOGISKE OPLYSNINGER

11.1. Oplysninger om fareklasser som defineret i forordning (EF) nr. 1272/2008

Akut toksicitet

Produkt/Substans	hydrogenperoxidopløsning 35%; brintoverilte 35%
Art:	Rotte
Eksponeringsvej:	Oral
Test:	LD50
Resultat:	1.193 - 1.270 mg/L

Produkt/Substans	hydrogenperoxidopløsning 35%; brintoverilte 35%
Art:	Kanin
Eksponeringsvej:	Dermal
Test:	LD50
Resultat:	>2.000 (35% opløsning) mg/kg

Farlig ved indtagelse.

Hudætsning/-irritation

Produkt/Substans	iT.34 laundry stainremover pro active oxygen
Resultat:	Skadelige virkninger observeret (Irriterende)

I overensstemmelse med Forordning (EF) nr. 1907/2006 (REACH), bilag II, med senere tilpasning i henhold til Forordning (EU) nr. 2020/878

Produkt/Substans	hydrogenperoxidopløsning 35%; brintoverilte 35%
Resultat:	Skadelige virkninger observeret (Irriterende)

Forårsager hudirritation.

Alvorlig øjenskade/øjenirritation

Produkt/Substans	iT.34 laundry stainremover pro active oxygen
Resultat:	Skadelige virkninger observeret (Forårsager alvorlig øjenskade)

Produkt/Substans	hydrogenperoxidopløsning 35%; brintoverilte 35%
Resultat:	Skadelige virkninger observeret (Forårsager alvorlig øjenskade)

Forårsager alvorlig øjenskade.

Respiratorisk sensibilisering

Produkt/Substans	hydrogenperoxidopløsning 35%; brintoverilte 35%
Resultat:	Ingen skadelige virkninger observeret (ikke sensibiliserende)

På grundlag af de foreliggende data anses kriterierne for klassificering ikke for at være opfyldt.

Hudsensibilisering

På grundlag af de foreliggende data anses kriterierne for klassificering ikke for at være opfyldt.

Kimcellemutagenicitet

På grundlag af de foreliggende data anses kriterierne for klassificering ikke for at være opfyldt.

Kræftfremkaldende egenskaber

Produkt/Substans	hydrogenperoxidopløsning 35%; brintoverilte 35%
Konklusion:	Ingen skadelige virkninger observeret

På grundlag af de foreliggende data anses kriterierne for klassificering ikke for at være opfyldt.

Reproduktionstoksicitet

Produkt/Substans	hydrogenperoxidopløsning 35%; brintoverilte 35%
Konklusion:	Ingen skadelige virkninger observeret

På grundlag af de foreliggende data anses kriterierne for klassificering ikke for at være opfyldt.

Enkel STOT-eksponering

Kan forårsage sløvhed eller svimmelhed.

Gentagne STOT-eksponeringer

På grundlag af de foreliggende data anses kriterierne for klassificering ikke for at være opfyldt.

Aspirationsfare

Produkt/Substans	hydrogenperoxidopløsning 35%; brintoverilte 35%

På grundlag af de foreliggende data anses kriterierne for klassificering ikke for at være opfyldt.

11.2. Oplysninger om andre farer

Langtidsvirkninger

Produktet indeholder stoffer som forårsager alvorlig øjenskade. Kontakt med disse stoffer kan medføre irreversible påvirkninger af øjet /alvorlige øjenskader.

Hormonforstyrrende egenskaber

Blandingen/produktet indeholder ingen stoffer, som er vurderet til at have hormonforstyrrende egenskaber i forhold til sundhed.

Andre oplysninger

hydrogenperoxidopløsning 35%; brintoverilte 35% er klassificeret af IARC i gruppe 3.

PUNKT 12: MILJØOPLYSNINGER

I overensstemmelse med Forordning (EF) nr. 1907/2006 (REACH), bilag II, med senere tilpasning i henhold til Forordning (EU) nr. 2020/878

12.1. Toksicitet

Produkt/Substans hydrogenperoxidopløsning 35%; brintoverilte 35%
Art: Fisk, Pimephales promelas
Varighed: 96 timer
Test: LC50
Resultat: 16,4 mg/L

Produkt/Substans hydrogenperoxidopløsning 35%; brintoverilte 35%
Art: Fisk, Leuciscus idus
Varighed: 72 timer
Test: LC50
Resultat: 35 mg/L

Produkt/Substans hydrogenperoxidopløsning 35%; brintoverilte 35%
Art: Fisk, Oncorhynchus mykiss
Varighed: 7 dage
Test: LC50
Resultat: 38,5 mg/L

Produkt/Substans hydrogenperoxidopløsning 35%; brintoverilte 35%
Art: Daphnia pulex
Varighed: 48 timer
Test: EC50
Resultat: 2,4 mg/L

Produkt/Substans hydrogenperoxidopløsning 35%; brintoverilte 35%
Art: Daphnia magna
Varighed: 24 timer
Test: EC50
Resultat: 7,7 mg/L

Produkt/Substans hydrogenperoxidopløsning 35%; brintoverilte 35%
Art: Skeletonema costatum
Varighed: 72 timer
Test: EC50
Resultat: 1,38 mg/L

Produkt/Substans hydrogenperoxidopløsning 35%; brintoverilte 35%
Forsøgsmetode: OECD 209
Art: Bakterie
Delmiljø: Aktivt renseanlæg
Varighed: 30 minutes
Test: EC50
Resultat: 466 mg/L

Produkt/Substans hydrogenperoxidopløsning 35%; brintoverilte 35%
Forsøgsmetode: OECD 209
Art: Bakterie
Delmiljø: Aktivt renseanlæg
Varighed: 3 timer
Test: EC50
Resultat: > 1.000 mg/L

På grundlag af de foreliggende data anses kriterierne for klassificering ikke for at være opfyldt.

12.2. Persistens og nedbrydelighed

Produkt/Substans hydrogenperoxidopløsning 35%; brintoverilte 35%

I overensstemmelse med Forordning (EF) nr. 1907/2006 (REACH), bilag II, med senere tilpasning i henhold til Forordning (EU) nr. 2020/878

Konklusion: Let bionedbrydeligt

12.3. Bioakkumuleringspotentiale

Produkt/Substans hydrogenperoxidopløsning 35%; brintoverilte 35%

LogKow: -1,57

Konklusion: -

12.4. Mobilitet i jord

Ingen data tilgængelige.

12.5. Resultater af PBT- og vPvB-vurdering

Blandingen/produktet indeholder ingen stoffer, som opfylder kriterierne for at skulle klassificeres som et PBT- og/eller vPvB-stof.

12.6. Hormonforstyrrende egenskaber

Produkt/Substans iT.34 laundry stainremover pro active oxygen

Konklusion: Ingen skadelige virkninger observeret

Blandingen/produktet indeholder ingen stoffer, som er vurderet til at have hormonforstyrrende egenskaber i forhold til miljøet.

12.7. Andre negative virkninger

Ingen kendte.

PUNKT 13: BORTSKAFFELSE

13.1. Metoder til affaldsbehandling

Produktet er omfattet af reglerne om farligt affald. (*)

HP 6 - Akut toksicitet

HP 8 - Ætsende

Indhold/beholder bortskaffes i henhold til lokale affaldsregulativer.

Kommissionens Forordning (EU) nr. 1357/2014 af 18. december 2014 om affald.

EAK-kode:

20 01 29* Detergenter indeholdende farlige stoffer

Affaldsgruppe:

Gr. Z Affald, som ikke kan placeres i øvrige grupper

Særlig mærkning

Ikke relevant.

Forurenet emballage

Emballager, med restindhold af produktet, bortskaffes efter samme betingelser som produktet.

PUNKT 14: TRANSPORTOPLYSNINGER

	14.1 UN	14.2 UN-forsendelsesbetegnelse	14.3 Transportfareklasse(r)	14.4 PG*	14.5. Env**	Andre oplysninger:
ADR	UN2014	HYDROGENPEROXID, VANDIG OPLØSNING	Transportfareklasse: 5.1 Faresedler: 5.1+8 Klassifikationskode: OC1  	II	Nej	Begrænsede mængder: 1 L Tunnelrestriktionskode: (E)

I overensstemmelse med Forordning (EF) nr. 1907/2006 (REACH), bilag II, med senere tilpasning i henhold til Forordning (EU) nr. 2020/878

	14.1 UN	14.2 UN-forsendelsesbetegnelse	14.3 Transportfareklasse(r)	14.4 PG*	14.5. Env**	Andre oplysninger:
						Se i øvrigt yderligere information nedenfor.
IMDG	UN2014	HYDROGEN PEROXIDE, AQUEOUS SOLUTION with not less than 20% but not more than 60% hydrogen peroxide (stabilized as necessary)	Transportfareklasse: 5.1 Faresedler: 5.1+8 Klassifikationskode: OC1  	II	Nej	Begrænsede mængder: 1 L EmS: F-H S-Q Se i øvrigt yderligere information nedenfor.
IATA	UN2014	HYDROGEN PEROXIDE, AQUEOUS SOLUTION with not less than 20% but not more than 60% hydrogen peroxide (stabilized as necessary)	Transportfareklasse: 5.1 Faresedler: 5.1+8 Klassifikationskode: OC1  	II	Nej	Se i øvrigt yderligere information nedenfor.

* Emballagegruppe

** Miljøfarer

Anden information

Produktet er omfattet af konventionerne om farligt gods.

ADR / Se Tabel A, sektion 3.2.1 for eventuelle oplysninger om særlige forhold, krav og advarsler i forbindelse med transport. Se Skriftlige Anvisninger, sektion 5.4.3, med henblik på minimering af skader i forbindelse med uheld eller ulykker under transport.

IMDG / Se sektion 3.2.1 for eventuelle oplysninger om særlige forhold, krav og advarsler i forbindelse med transport.

IATA / Se Tabel 4.2, for eventuelle oplysninger om særlige forhold, krav og advarsler i forbindelse med transport.

14.6. Særlige forsigtighedsregler for brugeren

Ikke relevant.

14.7. Bulktransport til søs i henhold til IMO-instrumenter

Ingen data tilgængelige.

PUNKT 15: OPLYSNINGER OM REGULERING

15.1. Særlige bestemmelser/særlig lovgivning for stoffet eller blandingen med hensyn til sikkerhed, sundhed og miljø

Anvendelsesbegrænsninger:

Udelukkende til erhvervsmæssig brug.

Produktet må ikke anvendes erhvervsmæssigt af unge under 18 år. Se Arbejdstilsynets bekendtgørelse nr. 1049 af 30. maj 2021 om unges arbejde for evt. undtagelser.

Krav om særlig uddannelse:

Ingen særlige krav.

SEVESO - Farekategorier / Navngivne farlige stoffer:

Ikke relevant.

I overensstemmelse med Forordning (EF) nr. 1907/2006 (REACH), bilag II, med senere tilpasning i henhold til Forordning (EU) nr. 2020/878

Forordning om udgangsstoffer til eksplosivstoffer:

hydrogenperoxidopløsning 35%; brintoverilte 35% (Bilag I)

Indholdsmærkning jævnfør detergentforordning (EF) nr. 648/2004:

≥ 30%

· Iltbaserede Blegemidler

Andet:

Ikke relevant.

Kilder:

Arbejdstilsynets bekendtgørelse nr. 1049 af 30. maj 2021 om unges arbejde. Baseret på Rådets direktiv 94/33/EF af 22. juni 1994 om beskyttelse af unge på arbejdspladsen.

Europa-Parlamentets og Rådets forordning nr. 648/2004 af 31. marts 2004 om vaske- og rengøringsmidler.

Kommissionens Forordning (EU) nr. 1357/2014 af 18. december 2014 om affald.

Rådets forordning (EU) 2019/1148 om udgangsstoffer til eksplosivstoffer.

Europa-Parlamentets og Rådets forordning (EF) nr. 1272/2008 af 16. december 2008 om klassificering, mærkning og emballering af stoffer og blandinger (CLP).

Europa-Parlamentets og Rådets forordning (EF) nr. 1907/2006 af 18. december 2006 om registrering, vurdering og godkendelse af samt begrænsninger for kemikalier (REACH).

15.2. Kemikaliesikkerhedsvurdering

Nej

PUNKT 16: ANDRE OPLYSNINGER

Den fulde ordlyd af H-sætninger omtalt i punkt 3

H271, Kan forårsage brand eller eksplosion, stærkt brandnærende.

H302, Farlig ved indtagelse.

H314, Forårsager svære ætsninger af huden og øjenskader.

H315, Forårsager hudirritation.

H318, Forårsager alvorlig øjenskade.

H319, Forårsager alvorlig øjenirritation.

H332, Farlig ved indånding.

H336, Kan forårsage sløvhed eller svimmelhed.

Forkortelser og initialord

ADN = Europæiske Bestemmelser vedrørende International Transport af Farligt Gods ad Indre Vandveje

ADR = Europæisk Konvention om International Transport af Farligt Gods ad Vej

ATE = Vurdering af Akut Toksicitet

BCF = Biokoncentrationsfaktor

CAS = Chemical Abstracts Service

CE = Conformité Européenne (den europæiske konformitetskomite)

CLP = Lovgivning om Klassificering, Mærkning og Emballering af stoffer og blandinger [Europaparlamentets og Rådets Forordning (EF) Nr. 1272/2008]

CSA = Kemikaliesikkerhedsvurderinger

CSR = Kemikaliesikkerhedsrapport

DNEL = Derived-No-Effect-Level

EINECS = Europæisk Fortegnelse over Eksisterende Markedsførte Kemiske Stoffer

ES = Eksponeringsscenario

EUH sætning = CLP-specificeret faresætning

EuPCS = Det europæiske produktkategoriseringssystem

EWC = Europæisk Affaldskatalog

FN = Forenede Nationer

GHS = Globalt harmoniseret system til klassificering og mærkning af kemikalier

GWP = Potentiale for global opvarmning

I overensstemmelse med Forordning (EF) nr. 1907/2006 (REACH), bilag II, med senere tilpasning i henhold til Forordning (EU) nr. 2020/878

IARC = Internationale agentur for kræftforskning

IATA = International Air Transport Association

IMDG = Den Internationale Kode for Søtransport af Farligt Gods

LogPow = Logaritme af oktanol/vand-fordelingskoefficienten

MARPOL = Den Internationale Konvention om Forebyggelse af Forurening Fra Skibe, 1973 som modificeret ved Protokollen af 1978.

OECD = Organisationen for Økonomisk Samarbejde og Udvikling

PBT = Persistent, Bioakkumulerende og Toksisk

PNEC = Predicted-No-Effect-Concentration

RID = Lovgivningen om International Transport af Farligt Gods på Bane

RRN = REACH Registreringsnummer

SCL = Specifik koncentrationsgrænse.

STOT-RE = Specifik Målorganstoksicitet — Gentagen Eksponering

STOT-SE = Specifik Målorganstoksicitet — Enkelt Eksponering

SVHC = Substances of Very High Concern

TWA = Tidsvægtet gennemsnit

VOC = Flygtige Organiske Bestanddele

vPvB = Meget Persistente og Meget Bioakkumulerende

Anden information

Klassificeringen af blandingen for sundhedsfarer er baseret på beregningsmetoderne i CLP.

Sikkerhedsdatabladet er valideret af

Quality & Compliance

Andet

Ændringer i forhold til sidste væsentlige revision (første ciffer i SDS Version, se punkt 1) af dette sikkerhedsdatablad er markeret med en blå trekant.

Oplysningerne i dette sikkerhedsdatablad gælder kun produktet nævnt i punkt 1 og er ikke nødvendigvis gældende ved brug sammen med andre produkter.

Det anbefales at udlevere dette sikkerhedsdatablad til den faktiske bruger af produktet. Den nævnte information kan ikke bruges som produktspecifikation.

Land-sprog: DK-da

OHUTUSKAART

iT.34 laundry stainremover pro active oxygen

1. JAGU. AINE/SEGU NING ÄRIÜHINGU/ETTEVÕTJA IDENTIFITSEERIMINE

1.1. Tootetähis

Nimetus:

iT.34 laundry stainremover pro active oxygen

Unikaalse koostise identifitseerija (UFI):

KWY8-NPOS-J88H-EC1G

1.2. Aine või segu asjaomased kindlaksmääratud kasutusalaad ning kasutusalaad, mida ei soovitata

Kemikaali või segu asjakohased määratud kasutuseesmärgid:

Detergendid ja puhastusvahendid (sh lahustipõhised)

Üksnes kutsealaseks kasutamiseks.

Kasutusalaad, mida ei soovitata:

Keegi pole tuttav.

1.3. Andmed ohutuskaardi tarnija kohta

Ettevõtte ja aadress:

Hygeniq B.V.

Postbus 618

7500 AP Enschede

The Netherlands

+31 53 4282860

+31 53 5393865

www.hygeniq.com

E-mail:

info@hygeniq.com

Muudetud:

15.08.2025

Ohutuskaardi versioon::

1.0

1.4. Hädaabitelefon number

Häirekeskus: 112

Mürgistuskeskuse infotelefon 16662 Eesti piires töötab 24/7 ja on kõigile helistajatele tasuta. ja (+372) 7943 794 välismaalt helistamiseks.

Kaitsemeetmeid vt jaotisest „Esmabimeetmed“.

2. JAGU. OHTUDE IDENTIFITSEERIMINE

Klassifitseeritud vastavalt määrusele (EÜ) nr 1272/2008 (CLP).

2.1. Aine või segu klassifitseerimine

Met. Corr. 1; H290, Võib söövitada metalle.

Acute Tox. 4; H302, Allaneelamisel kahjulik.
Skin Irrit. 2; H315, Põhjustab nahaärritust.
Eye Dam. 1; H318, Põhjustab raskeid silmakahjustusi.
STOT SE 3; H336, Võib põhjustada unisust või peapööritust.

2.2. Märgistuselemendid

Ohupiktogrammidest:



Tunnussõna:

Ettevaatust

Ohulause:

Võib söövitada metalle. (H290)
Allaneelamisel kahjulik. (H302)
Põhjustab nahaärritust. (H315)
Põhjustab raskeid silmakahjustusi. (H318)
Võib põhjustada unisust või peapööritust. (H336)

Hoiatuslaused:

Üldised:

Ei kohaldu.

Ohtu ennetavad:

Pärast käitlemist pesta hoolega pesta käed ja katmata kehaosad. (P264)
Kanda kaitseprille/kaitsekindaid/kaitserõivastust. (P280)

Reageerimise kohta:

SILMA SATTUMISE KORRAL: loputada mitme minuti jooksul ettevaatlikult veega. Eemaldada kontaktläätsed, kui neid kasutatakse ja kui neid on kerge eemaldada. Loputada veel kord. (P305+P351+P338)
Mahavoolanud toode absorbeerida, et see ei kahjustaks teisi materjale. (P390)

Säilitamise kohta:

Hoida süttavast eemal, eemal hoida mahutis. (P406)

Kõrvaldamise kohta:

Sisu/mahuti kõrvaldada vastavalt kohalikele eeskirjadele (P501)

Sisaldab:

Vesinikperoksiidi lahus 35%

Muu märgistus:

UFI: KQY8-NP05-J88H-EC1G

Koostise märgistamine vastavalt detergentide määrusele 648/2004 (kehtib üldsusele müüdavate pesuvahendite pakendite kohta):

≥ 30%

· Hapnikupõhised pleegitusained

2.3. Muud ohud

Muu:

See segu/toode ei sisalda aineid, mis vastavad kategooriasse PBT ja/või vPvB liigitamiseks nõutavatele tingimustele.

See toode ei sisalda aineid, mida käsitletakse vastavalt komisjoni delegeeritud määruses (EL) 2017/2100 või komisjoni määruses (EL) 2023/707 sätestatud kriteeriumidele endokriinseid häireid põhjustavate ainetena.

3. JAGU. KOOSTIS/TEAVE KOOSTISAINETE KOHTA

3.1. Ained

Ei rakendu. See toode on kokku segatud.

3.2. Segud

Toode/koostisosa	Identifitseerijad	% w/w	Klassifikatsioon	Märksed
Vesinikperoksiidi lahus 35%	CASi nr: 7722-84-1 EÜ nr: 231-765-0 REACH: 01-2119485845-22-XXXX Indeksir: 008-003-00-9	30-50%	Ox. Liq. 1, H271 Acute Tox. 4, H302 Skin Corr. 1A, H314 (SCL: 70,00 %) Skin Corr. 1B, H314 (SCL: 50,00 %) Skin Irrit. 2, H315 (SCL: 35,00 %) Eye Dam. 1, H318 (SCL: 8,00 %) Eye Irrit. 2, H319 (SCL: 5,00 %) Acute Tox. 4, H332 STOT SE 3, H336 (SCL: 35,00 %)	

H-lauset täielikku teksti vaadake jaotisest 16. Kokkupuute piirväärtused on loetletud jaotisest 8, kui need on kättesaadavad.

Muu info

-

4. JAGU. ESMAABIMEETMED

4.1. Esmaabimeetmete kirjeldus

Üldinfo:

Õnnetuse korral pöörduda arsti või erakorralise meditsiini osakonna poolening - näidata toote etiketti või kemikaali ohutuskaarti. Selline lause lähtetekstis puudub.

Pöörduda arsti poole, kui kannatanu seisukorra osas on kahtlusi või kui sümptomid püsivad. Mitte kunagi ei tohi anda teadvuse taastamiseks inimesele vett või muud vedelikku.

Sissehingamisel:

Hingamisraskuste või hingamisteede ärrituse korral: Viia kannatanu värske õhu kätte ja jääda tema juurde.

Kokkupuutel nahaga:

NAHALE SATTUMISE KORRAL: pesta rohke vesi/veega ja seebiga.

Võtta ära rõivad ja jalanõud. Nahaga kokkupuute korral pesta rohke vee ja seebiga. MITTE KASUTADA orgaanilisi lahusteid või vedeldajaid.

Nahaärrituse korral: pöörduda arsti poole.

Silma sattumisel:

SILMA SATTUMISE KORRAL: Loputada silmi rohke veega (20-30 °C), kuni valu lakkab või vähemalt 30 minuti jooksul.

Võtta ära kontaktläätsed. Loputada kindlasti ülemiste ja alumiste silmalaugude alt. Pöörduda viivitamatult arsti poole ja jätkake loputamist.

Allaneelamisel:

ALLANEELAMISE KORRAL: halva enesetunde korral võtta ühendust MÜRGISTUSTEABEKESKUSE/arstiga.

Loputada suud.

Põletus:

Ei kohaldu.

4.2. Olulisemad akuutsed ja hilisemad sümptomid ning mõju

Toode sisaldab silmadele väga kahjulikke aineid. Kokkupuude ainetega võib avaldada silmadele pöördumatut mõju / silma tõsiselt kahjustada.

4.3. Märges igasuguse vältimatu meditsiiniabi ja eriravi vajalikkuse kohta

Kokkupuute või kokkupuutekahtluse korral:

Pöörduda viivitamata arsti poole.

Info meditsiinitöötajatele

Võtta kaasa käesolev ohutuskaart või kemikaali etikett.

5. JAGU. TULEKUSTUTUSMEETMED

5.1. Tulekustutusvahendid

Ei kohaldu.

5.2. Aine või seguga seotud erilised ohud

Tulekahju korral tekib tihe suits. Pikemaajaline kokkupuude laguproduktidega võib ohustada tervist. Tulekahju mõjualas olevaid suletud mahuteid tuleb jahutada veega. Tule kustutamiseks kasutatud vett ei tohi lasta kanalisatsiooni ega ümbruse pinnavette.

5.3. Nõuanded tuletõrjujatele

Kokkupuute vältimiseks kanda suruõhuhingamisaparaati ja kaitseriietust. Otsekontakti korral pöörduda nõu saamiseks riikliku mürgistuskeskuse poole.

6. JAGU. MEETMED JUHUSLIKU SATTUMISE KORRAL KESKKONDA

6.1. Isikukaitsemeetmed, kaitsevahendid ja toimimine hädaolukorras

Vältida otsest kokkupuudet lekkinud ainega.

Tagage piisav ventilatsioon, eriti suletud kohtades.

Vältida mahaloksunud materjali aurude sissehingamist.

Saastunud alad võivad olla libedad.

6.2. Keskkonnakaitse meetmed

Vältige järvedesse, vooluveekogudesse ja kanalisatsiooni pääsemist.

Hoidke volitamata isikud leketest eemal

6.3. Tõkestamis- ning puhastamismeetodid ja -vahendid

Sulgege ja koguge maha sattunud aine mittesüttiva, absorbeeriva materjaliga, nt liiv, muld, vermikuliit või kobediatomiit, ja pange utiliseerimismahutisse vastavalt kohalikele määrustele.

Võimalusel puhastada tavapäraste puhastusvahenditega. Vältida lahusteid.

6.4. Viited muudele jagudele

Jäätmekäitlust vt jaotisest 13 „Jäätmekäitlus“.

Kaitsemeetmeid vt jaotisest 8 „Kokkupuute ohjamine / isikukaitse“.

7. JAGU. KÄITLEMINE JA LADUSTAMINE

7.1. Ohutu käitlemise tagamiseks vajalikud ettevaatusabinõud

Vältida otsest kokkupuudet tootega.

Suitsetamine, söömine, joomine ja tubaka, toiduainete ja jookide hoidmine ruumis on keelatud.

Infot isikukaitsevahendite kohta vt jaotisest „Kokkupuute ohjamine / isikukaitse“.

7.2. Ohutu ladustamise tingimused, sealhulgas sobimatud ladustamistingimused

Avatud mahutid tuleb hoolikalt uuesti sulgeda ja neid leketest vältimiseks püstises asendis hoida.

Hoida sööbekindla sisevooderdisega mahutis.

Pakendi sobivusega seotud nõuded:

Hoida üksnes originaalpakendis.

Säilitustingimused:

Kuiv, jahe, hea ventilatsiooniga

Kokkusobimatud materjalid:

Hoida üksnes originaalpakendis.

7.3. Eriksutus

Seda toodet tohib kasutada ainult jaotises 1.2 kirjeldatud eesmärkidel.

8. JAGU. KOKKUPUUTE OHJAMINE/ISIKUKAITSE

8.1. Kontrolliparameetrid

Vesinikperoksiidi lahus 35%

Piirnorm (8-tunnise) (mg/m³): 1,4

Piirnorm (8-tunnise) (ppm): 1

Lühiajaline kokkupuute piirmäär (15-minutilise) (ppm): 2 (P5)

Lühiajaline kokkupuute piirmäär (15-minutilise) (mg/m³): 3 (P5)

Märkused:

P5 = Lühiajalise kokkupuute piirnorm, arvutatud 5-minutilise kokkupuuteajale

Vabariigi Valitsuse 20. märtsi 2001. a määrus nr 105 „Töökeskonna keemiliste ohutegurite piirnormid“.

DNEL

Vesinikperoksiidi lahus 35%

Periood:	Suund:	DNEL:
Lühiajaline – kohalik toime – töötajad	Sissehingamine	3 mg/m ³
Lühiajaline – kohalik toime – üldine rahvastik	Sissehingamine	1.93 mg/m ³
Pikaajaline – kohalik toime – töötajad	Sissehingamine	1.4 mg/m ³
Pikaajaline – kohalik toime – üldine rahvastik	Sissehingamine	0,21 mg/m ³
Pikaajaline – kohalik toime – üldine rahvastik	Sissehingamine	210 µg/m ³

PNEC

Vesinikperoksiidi lahus 35%

Suund:	Kokkupuute aeg:	PNEC:
Magevee setted		0,047 mg/kg
Magevee setted		47 µg/kg
Magevesi		0,0126 mg/L
Magevesi		12.6 µg/L
Merevee setted		0,047 mg/L
Merevee setted		47 µg/kg
Merevesi		0,047 mg/L
Merevesi		12.6 µg/L
Pinnas		0,023 mg/kg
Pinnas		1.9 µg/kg
Reoveepuhasti		466 mg/L

Vahelduv vabastamine (magevesi)	13.8 µg/L

8.2. Kokkupuute ohjamine

Regulaarselt tuleb kontrollida vastavust kutsealase kokkupuute piirväärtustele.

Üldised soovitusel:

Suitsetamine, söömine, joomine ja tubaka, toiduainete ja jookide hoidmine ruumis on keelatud.

Kokkupuute stsenaariumid:

Selle toote jaoks ei ole koostatud kokkupuute stsenaariume.

Kokkupuute piirväärtused:

Professionaalsetel kasutajatel tuleb järgida töökeskkonda puudutavaid eeskirju kutsealase kokkupuute maksimaalsete piirväärtuste kohta. Töötervishoiu piirväärtusi vaadata eelnevast tekstist.

Insenertehnilised meetmed:

Aurude moodustumine peab olema minimaalne ja allpool praeguseid piirväärtusi (vt eespool). Kui tavaline õhuvool tööruumis ei ole piisav, on soovitatav paigaldada kohalik väljalaskesüsteem. Veenduge, et hädaolukorra silmapesu kohad ja -dušid oleksid selgelt märgistatud.

Tagage, et silmapesupunktid ja esmaabidüšid oleks oleks kergesti kättesaadavad.

Rakendage toote kasutamise ajal standardseid ettevaatusabinõusid. Vältige aurude sissehingamist.

Hügieenimeetmed:

Võtta seljast saastunud rõivad ja pesta enne korduskasutust.

Kokkupuute ohjamine keskkonnas:

Erinõuded puuduvad.

Isiklikud kaitsemeetmed, nagu isikukaitsevahendid

Üldteave:

Kasutada ainult CE-märgistusega kaitsevahendeid.

Hingamisteede kaitse:

Tööolukord	Tüüp	Klass	Värvus	Standardid	
Udu/aerosooli tekke ohu korral	Täismaski			EN136	

Naha kaitse:

Soovitatav	Tüüp/Kategooria	Standardid	
Kasutada tuleb spetsiaalseid tööriivaid	-	-	

Käte kaitse:

Tööolukord	Materjal	Minimaalne kihi paksus (mm)	Läbimisaeg (min.)	Standardid	
Pikaajalise kokkupuute või kõrgete kontsentratsioonide korral	Nitriilkummi	0.4	> 480	EN374-2, EN16523-1, EN388	
Pikaajalise kokkupuute või kõrgete kontsentratsioonide korral	Butüülkummi	0,7	> 480	EN374-2, EN16523-1, EN388, EN421	

Silmade kaitse:

Tüüp	Standardid	
Kasutage külgsaitmetega kaitseprille.	EN166	

9. JAGU. FÜÜSIKALISED JA KEEMILISED OMADUSED

9.1. Teave üldiste füüsikaliste ja keemiliste omaduste kohta

Olek:

Vedelik

Värvus:

Värvitu

Lõhn/lõhnalävi (ppm):

Iseloomulik

pH:

2.5

Tihedus (g/cm³):

1,1 (20 °C)

Kinemaatiline viskoossus:

Andmed puuduvad.

Osakeste omadused:

Ei kohaldata vedelike suhtes.

Oleku muutused

Sulamis-/külmumispunkt (°C):

Andmed puuduvad.

Pehmenemispunkti/pehmenemistemperatuuri vahemiku (°C):

Ei kohaldata vedelike suhtes.

Keemispunkt (°C):

100

Aururõhk:

Andmed puuduvad.

Auru suhteline tihedus :

Andmed puuduvad.

Lagunemistemperatuur (°C):

Andmed puuduvad.

Teave tule- ja plahvatusohu kohta

Leekpunkt (°C):

Andmed puuduvad.

Süttivus (°C):

Andmed puuduvad.

Isesüttimistemperatuur (°C):

Andmed puuduvad.

Plahvatuspiir (% v/v):

Andmed puuduvad.

Lahustuvus

Lahustuvus vees:

Täiesti lahustuv

Jaotustegur n-oktaanol/vesi (LogKow):

Andmed puuduvad.

Lahustuvus rasvas (g/L):

Andmed puuduvad.

9.2. Muu teave

Muud füüsikalised ja keemilised parameetrid:

Andmed puuduvad.

Oksüdeerivad omadused:

Andmed puuduvad.

10. JAGU. PÜSIVUS JA REAKTSIOONIVÕIME

10.1. Reaktsioonivõime

Andmed puuduvad.

10.2. Keemiline stabiilsus

Toode on stabiilne tingimustes, mida on kirjeldatud jaotises 7 „Käitlemine ja ladustamine“.

10.3. Ohtlike reaktsioonide võimalikkus

Keegi pole tuttav.

10.4. Tingimused, mida tuleb vältida

Keegi pole tuttav.

10.5. Kokkusobimatud materjalid

Hoida üksnes originaalpakendis.

10.6. Ohtlikud lagusaadused

Tavapärastes hoiustamise ja kasutamise tingimustes ei tohiks ohtlikke lagunemissaadusi tekkida.

11. JAGU. TEAVE TOKSILISUSE KOHTA

11.1. Teave ohuklasside kohta, nagu see on määratletud määruses (EÜ) nr 1272/2008

Akuutne mürgisus

Toode/koostisosa	Vesinikperoksiidi lahus 35%
Art:	Rott
Suund:	Suukaudne
Katse:	LD50
Tulemus:	1.193 - 1.270 mg/L

Toode/koostisosa	Vesinikperoksiidi lahus 35%
Art:	Küülik
Suund:	Nahakaudne
Katse:	LD50
Tulemus:	>2.000 (35% oplossing) mg/kg

Allaneelamisel kahjulik.

Nahka söövitav/ärritav

Toode/koostisosa	iT.34 laundry stainremover pro active oxygen
Tulemus:	Täheldati kahjulikke toimeid (Ärritav)

Toode/koostisosa Vesinikperoksiidi lahus 35%
Tulemus: Täheledatai kahjulikke toimeid (Ärritav)

Põhjustab nahaärritust.

Rasket silmade kahjustust/ärritust põhjustav

Toode/koostisosa iT.34 laundry stainremover pro active oxygen
Tulemus: Täheledatai kahjulikke toimeid (Põhjustab raskeid silmakahjustusi)

Toode/koostisosa Vesinikperoksiidi lahus 35%
Tulemus: Täheledatai kahjulikke toimeid (Põhjustab raskeid silmakahjustusi)

Põhjustab raskeid silmakahjustusi.

Hingamiselundite sensibiliseerimine

Toode/koostisosa Vesinikperoksiidi lahus 35%
Tulemus: Kahjulikke toimeid ei täheldatud (mitte sensibiliseeriv)

Kättesaadavate andmete põhjal ei ole klassifitseerimiskriteeriumid täidetud.

Naha sensibiliseerimine

Kättesaadavate andmete põhjal ei ole klassifitseerimiskriteeriumid täidetud.

Mutageensus sugurakkudele

Kättesaadavate andmete põhjal ei ole klassifitseerimiskriteeriumid täidetud.

Kantserogeensus

Toode/koostisosa Vesinikperoksiidi lahus 35%
Järeldus: Kahjulikke toimeid ei täheldatud

Kättesaadavate andmete põhjal ei ole klassifitseerimiskriteeriumid täidetud.

Reproduktiivtoksilisus

Toode/koostisosa Vesinikperoksiidi lahus 35%
Järeldus: Kahjulikke toimeid ei täheldatud

Kättesaadavate andmete põhjal ei ole klassifitseerimiskriteeriumid täidetud.

Sihtorgani suhtes toksilised: ühekordne kokkupuude

Võib põhjustada unisust või peapööritust.

Sihtorgani suhtes toksilised: korduv kokkupuude

Kättesaadavate andmete põhjal ei ole klassifitseerimiskriteeriumid täidetud.

Hingamiskahjustus

Toode/koostisosa Vesinikperoksiidi lahus 35%
Kättesaadavate andmete põhjal ei ole klassifitseerimiskriteeriumid täidetud.

11.2. Teave muude ohtude kohta

Pikaajaline toime

Toode sisaldab silmadele väga kahjulikke aineid. Kokkupuude ainetega võib avaldada silmadele pöördumatut mõju / silma tõsiselt kahjustada.

Endokriinseid häireid põhjustavad omadused

See segu/toode ei sisalda aineid, millele oleks hormonaalseid häireid põhjustavaid mõjusid tervisele.

Muu teave

Vesinikperoksiidi lahus 35%: Aine on IARC poolt klassifitseeritud gruppi 3.

12. JAGU. ÖKOLOOGILINE TEAVE

12.1. Toksilisus

Vastab määrusele (EÜ) nr 1907/2006 (REACH), lisa II, mida muudeti määrusega (EL) nr 2020/878 - Eesti

Toode/koostisosa Vesinikperoksiidi lahus 35%
Art: Kala, Pimephales promelas
Periood: 96 tunni
Katse: LC50
Tulemus: 16,4 mg/L

Toode/koostisosa Vesinikperoksiidi lahus 35%
Art: Kala, Leuciscus idus
Periood: 72 tunni
Katse: LC50
Tulemus: 35 mg/L

Toode/koostisosa Vesinikperoksiidi lahus 35%
Art: Kala, Oncorhynchus mykiss
Periood: 7 päeva
Katse: LC50
Tulemus: 38,5 mg/L

Toode/koostisosa Vesinikperoksiidi lahus 35%
Art: Daphnia pulex
Periood: 48 tunni
Katse: EC50
Tulemus: 2,4 mg/L

Toode/koostisosa Vesinikperoksiidi lahus 35%
Art: Daphnia magna
Periood: 24 tunni
Katse: EC50
Tulemus: 7,7 mg/L

Toode/koostisosa Vesinikperoksiidi lahus 35%
Art: Skeletonema costatum
Periood: 72 tunni
Katse: EC50
Tulemus: 1,38 mg/L

Toode/koostisosa Vesinikperoksiidi lahus 35%
Katsemeetod: OECD 209
Art: Bakterid
Keskkonnaosa: Aktiivmudapuhasti
Periood: 30 minutes
Katse: EC50
Tulemus: 466 mg/L

Toode/koostisosa Vesinikperoksiidi lahus 35%
Katsemeetod: OECD 209
Art: Bakterid
Keskkonnaosa: Aktiivmudapuhasti
Periood: 3 tunni
Katse: EC50
Tulemus: > 1.000 mg/L

Kättesaadavate andmete põhjal ei ole klassifitseerimiskriteeriumid täidetud.

12.2. Püsivus ja lagunduvus

Toode/koostisosa Vesinikperoksiidi lahus 35%

Järeldus: Kergesti biolagundatav

12.3. Bioakumulatsioon

Toode/koostisosa Vesinikperoksiidi lahus 35%
LogKow: -1,57
Järeldus: -

12.4. Liikuvus pinnases

Andmed puuduvad.

12.5. Püsivate, bioakumuleeruvate ja toksiliste ning väga püsivate ja väga bioakumuleeruvate omaduste hindamine

See segu/toode ei sisalda aineid, mis vastavad kategooriasse PBT ja/või vPvB liigitamiseks nõutavatele tingimustele.

12.6. Endokriinseid häireid põhjustavad omadused

Toode/koostisosa iT.34 laundry stainremover pro active oxygen
Järeldus: Kahjulikke toimeid ei täheldatud

See toode/segu ei sisalda aineid, millel oleks endokriinseid häireid põhjustavaid mõjusid keskkonnale.

12.7. Muud kahjulikud mõjud

Keegi pole tuttav.

13. JAGU. JÄÄTMEKÄITLUS

13.1. Jäätmetöötlusmeetodid

Toodet tuleb käidelda kui ohtlikke jäätmeid. (*)

HP 6 - Äge mürgisus

HP 8 - Söövitav

Sisu/mahuti kõrvaldada tunnustatud jäätmekäitluskohas.

Komisjoni määrus (EL) nr 1357/2014, 18. detsember 2014, millega asendatakse Euroopa Parlamendi ja Nõukogu direktiivi 2008/98/EÜ (mis käsitleb jäätmeid ja millega tunnistatakse kehtetuks teatud direktiivid) III lisa.

EWC kood:

20 01 29* Ohtlikke aineid sisaldavad pesuained

Saastunud pakendimaterjal

Saastunud pakendid tuleb hävitada samamoodi nagu toode ise.

14. JAGU. VEONÕUDED

	14.1 ÜRO	14.2 ÜRO veose tunnusnimetus	14.3 Transpordi ohuklass(id)	14.4 PG*	14.5. Env**	Muu info:
ADR	UN2014	VESINIKPEROKSIIDIVESILAHUS, milles on vähemalt 20%, kuid mitte üle 60% vesinikperoksiidi (vajaduse korral stabiliseeritud)	Klass: 5.1 Ohumärgised: 5.1+8 Klassifikatsioonikood: OC1  	II	Ei	Piiratud kogused: 1 L Veokategoria: (E) Lisateabe saamiseks vt allpool.
IMDG	UN2014	HYDROGEN PEROXIDE, AQUEOUS SOLUTION with not less than 20% but not more than 60% hydrogen peroxide (stabilized as necessary)	Klass: 5.1 Ohumärgised: 5.1+8 Klassifikatsioonikood: OC1	II	Ei	Piiratud kogused: 1 L EmS: F-H S-Q

Vastab määrusele (EÜ) nr 1907/2006 (REACH), lisa II, mida muudeti määrusega (EL) nr 2020/878 - Eesti

	14.1 ÜRO	14.2 ÜRO veose tunnusnimetus	14.3 Transpordi ohuklass(id)	14.4 PG*	14.5. Env**	Muu info:
			 			Lisateabe saamiseks vt allpool.
IATA	UN2014	HYDROGEN PEROXIDE, AQUEOUS SOLUTION with not less than 20% but not more than 60% hydrogen peroxide (stabilized as necessary)	Klass: 5.1 Ohumärgised: 5.1+8 Klassifikatsioonikood: OC1  	II	Ei	Lisateabe saamiseks vt allpool.

* Pakendigrupp

** Keskkonnaohud

Muu teave

See toode kuulub ohtlike kaupade transportimise määruste reguleerimisalasse.

ADR / Vt tabelit A, punkti 3.2.1 teabe saamiseks transpordiga seotud erisätete, nõuete ja hoiatuste kohta. Vt punkti 5.4.3 kirjalike juhiste saamiseks transpordi ajal toimunud juhtumite või õnnetustega seotud kahjude leevendamiseks.

IMDG / Vt punkti 3.2.1 teabe saamiseks transpordiga seotud erisätete, nõuete ja hoiatuste kohta.

IATA / Vt tabelit 4.2, teabe saamiseks transpordiga seotud erisätete, nõuete ja hoiatuste kohta.

14.6. Eriettevaatusabinõud kasutajatele

Ei kohaldu.

14.7. Mahtlasti merevedu kooskõlas Rahvusvahelise Mereorganisatsiooni dokumentidega

Andmed puuduvad.

15. JAGU. REGULEERIVAD ÕIGUSAKTID

15.1. Ainete ja segude suhtes kohaldatavad ohutus-, tervise- ja keskkonnavalased eeskirjad/õigusaktid

Piirangud kasutamisel:

Üksnes kutsealaseks kasutamiseks.

Nõuded eriväljaõppele:

Erinõuded puuduvad.

SEVESO Ohukategooriad / nimetatud ohtlikud ained:

Ei kohaldu.

Määrus lõhkeainete lähteainete koht:

Vesinikperoksiidi lahus 35% (I lisa)

Koostise märgistamine vastavalt detergentide määrusele 648/2004:

≥ 30%

· Hapnikupõhised pleegitusained

Muu teave:

Ei kohaldu.

Allikas:

Töökeskonna ohutegurite ja tööde loetelu, mille puhul alaealise töötamine on keelatud, Vastu võetud 11.06.2009 nr 94.

Euroopa Parlamendi ja Nõukogu määrus (EÜ) nr 648/2004, 31. märts 2004, detergentide kohta.

Komisjoni määrus (EL) nr 1357/2014, 18. detsember 2014, millega asendatakse Euroopa Parlamendi ja Nõukogu direktiivi 2008/98/EÜ (mis käsitleb jäätmeid ja millega tunnistatakse kehtetuks teatud direktiivid) III lisa.

Nõukogu määrus (EÜ) nr 2019/1148 lõhkeainete lähteainete kohta.

Euroopa Parlamendi ja Nõukogu määrus (EÜ) nr 1272/2008, 16. detsember 2008, mis käsitleb ainete ja segude klassifitseerimist, märgistamist ja pakendamist (CLP).

Euroopa Parlamendi ja nõukogu määrus (EÜ) nr 1907/2006, 18. detsember 2006, mis käsitleb kemikaalide registreerimist, hindamist, autoriseerimist ja piiramist (REACH).

15.2. Kemikaaliohutuse hindamine

Ei

16. JAGU. MUU TEAVE

Jaotises 3 esitatud H-lausetekst

H271, Võib põhjustada süttimise või plahvatuse; tugev oksüdeerija.

H302, Allaneelamisel kahjulik.

H314, Põhjustab rasket nahasöövitust ja silmakahjustusi.

H315, Põhjustab nahaärritust.

H318, Põhjustab raskeid silmakahjustusi.

H319, Põhjustab tugevat silmade ärritust.

H332, Sissehingamisel kahjulik.

H336, Võib põhjustada unisust või peapööritust.

Lühendid ja akronüümid

ADN = Ohtlike veoste rahvusvahelise siseveeteede Euroopa kokkulepe

ADR = Ohtlike veoste rahvusvahelise autoveo Euroopa kokkulepe Ägeda toksilisuse hinnang

BCF = Biokontsentratsiooni faktor

CAS = Chemical Abstracts' teenistus

CE = Conformité Européenne

CLP = Klassifitseerimise, märgistamise ja pakendamise määrus [EÜ määrus nr 1272/2008]

CSA = Kemikaalide ohutuse hindamine

CSR = Kemikaalide ohutuaruanne

DNEL = Tuletatud mittetoimiv tase

EJK = Euroopa jäätmekataloog

EUH-lause = CLP eriohulause

EuPCS = Euroopa toodete kategoriseerimise süsteem

GHS = Kemikaalide klassifitseerimise ja märgistamise globaalne harmoneeritud süsteem

GWP = Globaalse soojenemise potentsiaal

IATA = Rahvusvaheliste Õhuvadude Assotsiatsioon

IBC = hulgikauba vahekonteiner

IMDG = Rahvusvaheline ohtlike kaupade mereveo koodeks/eeskiri

LogP o/w Oktanool/vesi jaotuskoefitsiendi logaritm

LOÜ = Lenduvad orgaanilised ühendid

MARPOL 73/78 = 1973.a Rahvusvaheline konventsioon merereostuse vältimiseks laevadel muudetud 1978.a protokolliga. ("Marpol" - merereostus)

OECD = Majanduskoostöö ja Arengu Organisatsioon

PBT = Püsivad, bioakumuleeruvad ja mürgised Arvutuslik mittetoimiv sisaldus

RID = Ohtlike veoste rahvusvahelise raudteeveo kokkulepe

SCL = On konkreetse sisalduse piirnormiga.

SVHS = Väga ohtlikud ained

STOT-RE = Mürgistus siseelundi suhtes - korduv kokkupuude

STOT-SE = Mürgistus siseelundi suhtes - ühekordne kokkupuude

TWA = Ajas kaalutud keskmine

UVCB = Tundmatu või muutuva koostisega ained, kompleksed reaktsioonisaadused või bioloogilist päritolu materjalid.

ÜRO = Ühinenud Rahvaste Organisatsioon

vPvB = Väga püsivad ja väga bioakumuleeruvad

Muu teave

Segu klassifikatsioon terviseohtude osas vastab määruses (EÜ) nr 1272/2008 (CLP) sätestatud arvutusmeetoditele.

Ohutuskaardi on kinnitanud

Quality & Compliance

Muu

Muudatus (võrreldes viimase olulise muudatusega (kemikaali ohutuskaardi versiooni esimene number, vt jaotist 1) on tähistatud kolmnurgaga.

Sellel kemikaali ohutuskaardil sisalduv info kehtib ainult selle spetsiifilise toote kohta (nimetatud jaotises 1) ja ega pruugi tingimata kehtida teiste kemikaalide või toodete puhul.

Soovitav on anda see kemikaali ohutuskaart üle toote tegelikule kasutajale. Sellel kemikaali ohutuskaardil sisalduvat informatsiooni ei tohi kasutada toote spetsifikatsioonina.

Riik-keel: EE-et

FICHA DE DATOS DE SEGURIDAD

iT.34 laundry stainremover pro active oxygen

SECCIÓN 1. IDENTIFICACIÓN DE LA SUSTANCIA O LA MEZCLA Y DE LA SOCIEDAD O LA EMPRESA

1.1. Identificador de producto

Nombre comercial:

iT.34 laundry stainremover pro active oxygen

Identificador único de fórmula (IUF):

KWY8-NP0S-J88H-EC1G

1.2. Usos pertinentes identificados de la sustancia o de la mezcla y usos desaconsejados

Usos pertinentes identificados de la sustancia o de la mezcla:

Agentes de lavado y limpieza (incluso a base de disolventes)

Reservado exclusivamente a usuarios profesionales.

Usos desaconsejados :

Ningunos conocidos.

1.3. Datos del proveedor de la ficha de datos de seguridad

Nombre y dirección de la empresa:

Hygeniq B.V.

Postbus 618

7500 AP Enschede

The Netherlands

+31 53 4282860

+31 53 5393865

www.hygeniq.com

Correo electrónico:

info@hygeniq.com

Revisión:

15/8/2025

Versión FDS:

1.0

1.4. Teléfono de emergencia

Servicio de Información Toxicológica

Teléfono: +34 91 562 04 20

Información en español (24h/365 días)

Consulte la sección 4 para obtener información sobre primeros auxilios.

SECCIÓN 2. IDENTIFICACIÓN DE LOS PELIGROS

Clasificado según el Reglamento (CE) Nro. 1272/2008 (CLP).

2.1. Clasificación de la sustancia o de la mezcla

Met. Corr. 1; H290, Puede ser corrosivo para los metales.
Acute Tox. 4; H302, Nocivo en caso de ingestión.
Skin Irrit. 2; H315, Provoca irritación cutánea.
Eye Dam. 1; H318, Provoca lesiones oculares graves.
STOT SE 3; H336, Puede provocar somnolencia o vértigo.

2.2. Elementos de la etiqueta

Pictogramas de peligro:



Palabra de advertencia:

Peligro

Indicaciones de peligro:

Puede ser corrosivo para los metales. (H290)
Nocivo en caso de ingestión. (H302)
Provoca irritación cutánea. (H315)
Provoca lesiones oculares graves. (H318)
Puede provocar somnolencia o vértigo. (H336)

Consejos de prudencia:

Generalidades:

No aplicable.

Prevención:

Lavarse manos y la piel expuesta concienzudamente tras la manipulación. (P264)
Llevar gafas/guantes/prendas de protección. (P280)

Intervención:

EN CASO DE CONTACTO CON LOS OJOS: Enjuagar con agua cuidadosamente durante varios minutos. Quitar las lentes de contacto cuando estén presentes y pueda hacerse con facilidad. Proseguir con el lavado. (P305+P351+P338)
Absorber el vertido para que no dañe otros materiales. (P390)

Almacenamiento:

Almacenar en un recipiente con revestimiento interior resistente. (P406)

Eliminación:

Eliminar el contenido/el recipiente De conformidad con la normativa local (P501)

Identificación de las sustancias principalmente responsables de los riesgos graves para la salud:

peróxido de hidrógeno en disolución 35%; agua oxigenada 35%

Etiquetado adicional:

IUF: KWy8-NP0S-J88H-EC1G

Etiquetado del contenido según el Reglamento de Detergentes 648/2004 (aplicable a los envases de detergentes vendidos al público en general):

≥ 30%

· Blanqueantes oxigenados

2.3. Otros peligros

Advertencias adicionales:

No se considera que esta combinación/producto contenga sustancias que cumplan los criterios de clasificación como PBT y/o mPmB.

Este producto no contiene ninguna sustancia considerada disruptor endocrino de acuerdo con los criterios establecidos en el Reglamento Delegado (UE) 2017/2100 de la Comisión o el Reglamento (UE) 2023/707 de la

Comisión.

SECCIÓN 3. COMPOSICIÓN/INFORMACIÓN SOBRE LOS COMPONENTES

3.1. Sustancias

No aplicable. Este producto es una mezcla.

3.2. Mezclas

Producto / ingrediente	Identificadores	% w/w	Clasificación	Notas
peróxido de hidrógeno en disolución 35%; agua oxigenada 35%	N° CAS: 7722-84-1 N° CE: 231-765-0 REACH: 01-2119485845-22-XXXX N° de índice: 008-003-00-9	30-50%	Ox. Liq. 1, H271 Acute Tox. 4, H302 Skin Corr. 1A, H314 (SCL: 70,00 %) Skin Corr. 1B, H314 (SCL: 50,00 %) Skin Irrit. 2, H315 (SCL: 35,00 %) Eye Dam. 1, H318 (SCL: 8,00 %) Eye Irrit. 2, H319 (SCL: 5,00 %) Acute Tox. 4, H332 STOT SE 3, H336 (SCL: 35,00 %)	

La redacción completa de las frases H se encuentra en la sección 16. Los límites de las condiciones laborales correctas se mencionan en la sección 8, siempre y cuando sean accesibles.

Otra información

-

SECCIÓN 4. PRIMEROS AUXILIOS

4.1. Descripción de los primeros auxilios

General:

En caso de accidente: Póngase en contacto con el médico o vaya a emergencias. Llévese la etiqueta o esta hoja de datos de seguridad. El médico deberá ponerse en contacto con el Servicio de información Toxicológica, Teléfono: +34 91 562 04 20.

Si los síntomas son permanentes o si tiene alguna duda sobre la situación del accidentado, consulte a un médico. Nunca dé agua ni nada parecido a una persona inconsciente.

Inhalación:

En caso de dificultades respiratorias o irritación del tracto respiratorio: Lleve a la persona a un lugar en el que pueda respirar aire fresco y no la deje sin supervisión.

Contacto con la piel:

EN CASO DE CONTACTO CON LA PIEL: Lavar con abundante agua/agua y jabón.

Retire la ropa y calzado contaminado. Lave bien con agua y jabón la piel que haya estado en contacto con el material. NO utilice disolventes ni diluyentes.

En caso de irritación cutánea: Consultar a un médico.

Contacto con los ojos:

En caso de contacto con los ojos: Y enjuáguese los ojos con agua abundante (20-30 °C) hasta que la irritación desaparezca, y al menos durante 30 minutos. Quítese las lentes de contacto. Asegúrese de enjuagar bien los párpados. A continuación consulte a un médico. Busque asistencia médica inmediatamente y continúe enjuagando durante el transporte.

Ingestión:

EN CASO DE INGESTIÓN: Llamar a un CENTRO DE TOXICOLOGÍA/médico si la persona se encuentra mal.
Enjuagarse la boca.

Quemadura:

No aplicable.

4.2. Principales síntomas y efectos, agudos y retardados

El producto contiene sustancias que causan lesiones oculares graves. El contacto con estas sustancias puede causar efectos irreversibles en los ojos o lesiones oculares graves.

4.3. Indicación de toda atención médica y de los tratamientos especiales que deban dispensarse inmediatamente

EN CASO DE exposición manifiesta o presunta:

Consultar a un médico inmediatamente.

Explicación para el médico

Lleve esta hoja de datos de seguridad o la etiqueta del material.

SECCIÓN 5. MEDIDAS DE LUCHA CONTRA INCENDIOS

5.1. Medios de extinción

No aplicable.

5.2. Peligros específicos derivados de la sustancia o la mezcla

En caso de incendio se genera un humo denso. La exposición a productos en descomposición puede representar un peligro para la salud. Los contenedores cerrados expuestos al fuego deben enfriarse con agua. No deje que el agua utilizada para apagar el fuego se vierta en la alcantarillado ni cursos de agua.

5.3. Recomendaciones para el personal de lucha contra incendios

Indumentaria normal de extinción y protección respiratoria total. En caso de contacto directo con la sustancia química el jefe de equipo deberá ponerse en contacto con el Servicio de Información Toxicológica, Teléfono: +34 91 562 04 20 para recibir instrucciones.

SECCIÓN 6. MEDIDAS EN CASO DE VERTIDO ACCIDENTAL

6.1. Precauciones personales, equipo de protección y procedimientos de emergencia

Evite el contacto directo con el producto vertido.

Asegure una ventilación adecuada, especialmente en áreas confinadas.

Evite inhalar vapores de la sustancia vertida.

Las áreas contaminadas pueden ser resbaladizas.

6.2. Precauciones relativas al medio ambiente

Evite los vertidos en lagos, ríos, alcantarillas y demás.

Mantenga a las personas no autorizadas alejadas del derrame.

6.3. Métodos y material de contención y de limpieza

Contenga y recoja los derrames con material absorbente no combustible, por ejemplo: arena, tierra, vermiculita o tierra de diatomeas y colocar en un recipiente para su eliminación de acuerdo con las normas locales.

Siempre que sea posible, efectúe la limpieza con detergentes. Evite utilizar disolventes.

6.4. Referencia a otras secciones

Consulte la sección 13 "Consideraciones relativas a la eliminación" sobre el manejo de desechos.

Consulte la sección 8 "Controles de exposición/protección individual" para conocer las disposiciones de seguridad.

SECCIÓN 7. MANIPULACIÓN Y ALMACENAMIENTO

7.1. Precauciones para una manipulación segura

Evite el contacto directo con el producto.

No está permitido fumar, comer ni beber en el lugar de trabajo.

Consulte la sección "Controles de exposición/protección individual" para conocer las disposiciones de seguridad personal.

7.2. Condiciones de almacenamiento seguro, incluidas posibles incompatibilidades

Los envases abiertos deben cerrarse perfectamente con cuidado y mantenerse en posición vertical para evitar derrames.

Almacenar en un recipiente con revestimiento interior resistente.

Compatibilidades de embalaje:

Conservar únicamente en el embalaje original.

Condiciones de almacenaje:

Conservar en lugar fresco, seco y bien ventilado

Materiales incompatibles:

Conservar únicamente en el embalaje original.

7.3. Usos específicos finales

Este producto sólo debe utilizarse para los fines descritos en la sección 1.2.

SECCIÓN 8. CONTROLES DE EXPOSICIÓN/PROTECCIÓN INDIVIDUAL

8.1. Parámetros de control

peróxido de hidrógeno en disolución 35%; agua oxigenada 35%

Valor límite ambiental-exposición diaria (8 horas) (VLA-ED) (ppm): 1

Valor límite ambiental-exposición diaria (8 horas) (VLA-ED) (mg/m³): 1,4

Límites de exposición profesional para agentes químicos en España. 2024

DNEL

peróxido de hidrógeno en disolución 35%; agua oxigenada 35%

Duración:	Vía de exposición:	DNEL:
Corto plazo - efectos locales- Trabajadores	Inhalación	3 mg/m³
Corto plazo- efectos locales - población en	Inhalación	1.93 mg/m³
Largo plazo - efectos locales- trabajadores	Inhalación	1.4 mg/m³
Largo plazo- efectos locales- población en general	Inhalación	0,21 mg/m³
Largo plazo- efectos locales- población en general	Inhalación	210 µg/m³

PNEC

peróxido de hidrógeno en disolución 35%; agua oxigenada 35%

Vía de exposición:	Tiempo de exposición:	PNEC:
Agua dulce		0,0126 mg/L
Agua dulce		12.6 µg/L
Agua marina		0,047 mg/L
Agua marina		12.6 µg/L
Depuradora de aguas residuales		466 mg/L
Liberación intermitente (agua dulce)		13.8 µg/L
Sedimento de agua dulce		0,047 mg/kg
Sedimento de agua dulce		47 µg/kg

Sedimento de agua marina		0,047 mg/L
Sedimento de agua marina		47 µg/kg
Tierra		0,023 mg/kg
Tierra		1.9 µg/kg

8.2. Controles de la exposición

Compruebe regularmente que no se superan los valores límite indicados.

Medidas de precaución generales:

No está permitido fumar, comer ni beber en el lugar de trabajo.

Escenarios de exposición:

No hay escenarios de exposición implementados para este producto.

Límites de exposición:

Los usuarios profesionales quedan cubiertos a las normas de la legislación medioambiental relativa a máximas concentraciones de exposición. Consulte los límites laborales a arriba.

Iniciativa técnica:

La formación de vapor se debe mantener al mínimo y por debajo de los valores del límite de corriente (ver arriba). Se recomienda instalar un sistema de extracción local si el flujo de aire normal en la sala de trabajo no es suficiente. Asegúrese de que los limpiadores de ojos y las duchas de emergencia estén claramente indicadas. Asegúrese de que las estaciones de lavado de ojos y las duchas de seguridad estén ubicadas en un lugar de fácil acceso.

Tome precauciones estándar durante el uso de este producto. Evite la inhalación de vapores.

Disposiciones higiénicas:

Quitar las prendas contaminadas y lavarlas antes de volver a usarlas.

Disposiciones para limitar la exposición del entorno:

No tiene requisitos específicos.

Medidas de protección individual, tales como equipos de protección personal

General:

Solamente utilizar equipos de protección con la marca CE.

Conducto respiratorio:

La situación de trabajo	Tipo	Clase	Color	Normas	
Cuando hay riesgo de formación de niebla/aerosol	Mascarilla de rostro completo			EN136	

Piel y cuerpo:

Recomendado	Tipo/Categoría	Normas	
Debería utilizarse ropa de trabajo específica.	-	-	

Manos:

La situación de trabajo	Material	Espesura mínima de capa (mm)	Tiempo de penetración (min.)	Normas	
En caso de exposición prolongada o de altas concentraciones	Caucho de nitrilo	0,4	> 480	EN374-2, EN16523-1, EN388	
En caso de exposición prolongada o de altas concentraciones	Caucho de Butilo	0,7	> 480	EN374-2, EN16523-1, EN388, EN421	

Ojos:

Tipo	Normas	
Use gafas de seguridad con protección lateral.	EN166	

SECCIÓN 9. PROPIEDADES FÍSICAS Y QUÍMICAS

9.1. Información sobre propiedades físicas y químicas básicas

Condición física:

Líquido

Color:

Incoloro

Olor / Umbral olfativo (ppm):

Característico

pH:

2.5

Densidad (g/cm³):

1,1 (20 °C)

Viscosidad cinemática:

No se dispone de datos.

Características de las partículas:

No se aplica a los líquidos.

Cambio de estado y vapores

Punto de fusión/punto de congelación (°C):

No se dispone de datos.

El punto o intervalo/reblandecimiento (°C):

No se aplica a los líquidos.

Punto de ebullición (°C):

100

Presión del vapor:

No se dispone de datos.

Densidad de vapor relativa:

No se dispone de datos.

Temperatura de descomposición (°C):

No se dispone de datos.

Datos de riesgo de incendio y explosión

Punto de ignición (°C):

No se dispone de datos.

Inflamabilidad (°C):

No se dispone de datos.

Temperatura de auto-inflamación (°C):

No se dispone de datos.

Límites de explosión (% v/v):

No se dispone de datos.

Solubilidad

Solubilidad en agua:

Completamente soluble

coeficiente n-octanol/agua (LogKow):

No se dispone de datos.

Solubilidad en grasa (g/L):

No se dispone de datos.

9.2. Otros datos

Otros parámetros físicos y químicos:

No se dispone de datos.

Propiedades oxidantes:

No se dispone de datos.

SECCIÓN 10. ESTABILIDAD Y REACTIVIDAD

10.1. Reactividad

No se dispone de datos.

10.2. Estabilidad química

El producto es estable bajo las condiciones indicadas en la sección 7 "Manipulación y almacenamiento".

10.3. Posibilidad de reacciones peligrosas

Ningunos conocidos.

10.4. Condiciones que deben evitarse

Ningunos conocidos.

10.5. Materiales incompatibles

Conservar únicamente en el embalaje original.

10.6. Productos de descomposición peligrosos

En condiciones normales de almacenamiento y uso, no se deben formar productos de descomposición peligrosos.

SECCIÓN 11. INFORMACIÓN TOXICOLÓGICA

11.1. Información sobre las clases de peligro definidas en el Reglamento (CE) n.º 1272/2008

Toxicidad aguda

Producto / ingrediente	peróxido de hidrógeno en disolución 35%; agua oxigenada 35%
Especies:	Rata
Vía de exposición:	Oral
Prueba:	DL50

Resultado: 1.193 - 1.270 mg/L

Producto / ingrediente: peróxido de hidrógeno en disolución 35%; agua oxigenada 35%
Especies: Conejo
Vía de exposición: Dérmico
Prueba: DL50
Resultado: >2.000 (35% oplossing) mg/kg

Nocivo en caso de ingestión.

Corrosión o irritación cutáneas

Producto / ingrediente: iT.34 laundry stainremover pro active oxygen
Resultado: Se observan efectos adversos (Irritante)

Producto / ingrediente: peróxido de hidrógeno en disolución 35%; agua oxigenada 35%
Resultado: Se observan efectos adversos (Irritante)

Provoca irritación cutánea.

Lesiones o irritación ocular graves

Producto / ingrediente: iT.34 laundry stainremover pro active oxygen
Resultado: Se observan efectos adversos (Provoca lesiones oculares graves)

Producto / ingrediente: peróxido de hidrógeno en disolución 35%; agua oxigenada 35%
Resultado: Se observan efectos adversos (Provoca lesiones oculares graves)

Provoca lesiones oculares graves.

Sensibilización respiratoria

Producto / ingrediente: peróxido de hidrógeno en disolución 35%; agua oxigenada 35%
Resultado: No se observan efectos adversos (no sensibilizantes)

A la vista de los datos disponibles, no se cumplen los criterios de clasificación.

Sensibilización cutánea

A la vista de los datos disponibles, no se cumplen los criterios de clasificación.

Mutagenicidad en células germinales

A la vista de los datos disponibles, no se cumplen los criterios de clasificación.

Carcinogenicidad

Producto / ingrediente: peróxido de hidrógeno en disolución 35%; agua oxigenada 35%
Conclusión: No se observan efectos adversos

A la vista de los datos disponibles, no se cumplen los criterios de clasificación.

Toxicidad para la reproducción

Producto / ingrediente: peróxido de hidrógeno en disolución 35%; agua oxigenada 35%
Conclusión: No se observan efectos adversos

A la vista de los datos disponibles, no se cumplen los criterios de clasificación.

Toxicidad específica en determinados órganos (STOT) – exposición única

Puede provocar somnolencia o vértigo.

Toxicidad específica en determinados órganos (STOT) – exposición repetida

A la vista de los datos disponibles, no se cumplen los criterios de clasificación.

Peligro de aspiración

Producto / ingrediente: peróxido de hidrógeno en disolución 35%; agua oxigenada 35%
A la vista de los datos disponibles, no se cumplen los criterios de clasificación.

11.2. Información sobre otros peligros

Efectos a largo plazo

El producto contiene sustancias que causan lesiones oculares graves. El contacto con estas sustancias puede causar efectos irreversibles en los ojos o lesiones oculares graves.

Propiedades de alteración endocrina

Esta mezcla/este producto no contiene ninguna sustancia que se considere que tenga efectos disruptores sobre el sistema endocrino en relación con la salud.

Otros datos

peróxido de hidrógeno en disolución 35%; agua oxigenada 35% ha sido clasificado por IARC como grupo 3.

SECCIÓN 12. INFORMACIÓN ECOLÓGICA

12.1. Toxicidad

Producto / ingrediente	peróxido de hidrógeno en disolución 35%; agua oxigenada 35%
Especies:	Pez, Pimephales promelas
Duración:	96 horas
Prueba:	CL50
Resultado:	16,4 mg/L

Producto / ingrediente	peróxido de hidrógeno en disolución 35%; agua oxigenada 35%
Especies:	Pez, Leuciscus idus
Duración:	72 horas
Prueba:	CL50
Resultado:	35 mg/L

Producto / ingrediente	peróxido de hidrógeno en disolución 35%; agua oxigenada 35%
Especies:	Pez, Oncorhynchus mykiss
Duración:	7 días
Prueba:	CL50
Resultado:	38,5 mg/L

Producto / ingrediente	peróxido de hidrógeno en disolución 35%; agua oxigenada 35%
Especies:	Daphnia pulex
Duración:	48 horas
Prueba:	CE50
Resultado:	2,4 mg/L

Producto / ingrediente	peróxido de hidrógeno en disolución 35%; agua oxigenada 35%
Especies:	Daphnia magna
Duración:	24 horas
Prueba:	CE50
Resultado:	7,7 mg/L

Producto / ingrediente	peróxido de hidrógeno en disolución 35%; agua oxigenada 35%
Especies:	Skeletonema costatum
Duración:	72 horas
Prueba:	CE50
Resultado:	1,38 mg/L

Producto / ingrediente	peróxido de hidrógeno en disolución 35%; agua oxigenada 35%
Método de ensayo:	OCDE 209
Especies:	Bacterias
Compartimento medioambiental:	Planta de fango activada
Duración:	30 minutos

Prueba: CE50
Resultado: 466 mg/L

Producto / ingrediente: peróxido de hidrógeno en disolución 35%; agua oxigenada 35%
Método de ensayo: OCDE 209
Especies: Bacterias
Compartimento medioambiental: Planta de fango activada
Duración: 3 horas
Prueba: CE50
Resultado: > 1.000 mg/L

A la vista de los datos disponibles, no se cumplen los criterios de clasificación.

12.2. Persistencia y degradabilidad

Producto / ingrediente: peróxido de hidrógeno en disolución 35%; agua oxigenada 35%
Conclusión: Fácil biodegradabilidad

12.3. Potencial de bioacumulación

Producto / ingrediente: peróxido de hidrógeno en disolución 35%; agua oxigenada 35%
LogKow: -1,57
Conclusión: -

12.4. Movilidad en el suelo

No se dispone de datos.

12.5. Resultados de la valoración PBT y mPmB

No se considera que esta combinación/producto contenga sustancias que cumplan los criterios de clasificación como PBT y/o mPmB.

12.6. Propiedades de alteración endocrina

Producto / ingrediente: iT.34 laundry stainremover pro active oxygen
Conclusión: No se observan efectos adversos

Esta mezcla/este producto no contiene ninguna sustancia que se considere que tenga efectos disruptores sobre el sistema endocrino en relación con el medio ambiente.

12.7. Otros efectos adversos

Ningunos conocidos.

SECCIÓN 13. CONSIDERACIONES RELATIVAS A LA ELIMINACIÓN

13.1. Métodos para el tratamiento de residuos

El producto está bajo las normas de residuos peligrosos. (*)

HP 6 - Toxicidad aguda

HP 8 - Corrosivo

Eliminar el contenido/el recipiente en un punto de recogida de residuos especiales.

Reglamento (UE) nº 1357/2014 de la Comisión de 18 de diciembre de 2014 sobre los residuos.

Ley 22/2011, de 28 de julio, de Residuos y suelos contaminados.

Ley 11/1997, de 24 de abril, de envases y residuos de envases y Reglamento que la desarrolla, R.D. 782/1998, de 30 de abril.

Orden MAM 304/2002, de 8 de febrero, por la que se publican las operaciones de valorización y eliminación de residuos y la lista europea de residuos.

Código de residuos:

20 01 29* Detergentes que contienen sustancias peligrosas

Contenedor contaminado

Los embalajes con restos del producto deben eliminarse siguiendo el mismo procedimiento que el resto del producto.

SECCIÓN 14. INFORMACIÓN RELATIVA AL TRANSPORTE

	14.1 ONU	14.2 Designación oficial de transporte	14.3 Clase(s) de peligro	14.4 PG*	14.5. Env**	Otra informació n:
ADR	UN2014	PERÓXIDO DE HIDRÓGENO EN SOLUCIÓN ACUOSA con un mínimo del 20% y un máximo del 60% de peróxido de hidrógeno (estabilizada según sea necesario)	Clase: 5.1 Etiquetas: 5.1+8 Código de clasificación: OC1  	II	No	Cantidades limitadas: 1 L Código de restricción en túneles: (E) Véase a continuación para obtener información adicional
IMDG	UN2014	HYDROGEN PEROXIDE, AQUEOUS SOLUTION with not less than 20% but not more than 60% hydrogen peroxide (stabilized as necessary)	Clase: 5.1 Etiquetas: 5.1+8 Código de clasificación: OC1  	II	No	Cantidades limitadas: 1 L EmS: F-H S-Q Véase a continuación para obtener información adicional
IATA	UN2014	HYDROGEN PEROXIDE, AQUEOUS SOLUTION with not less than 20% but not more than 60% hydrogen peroxide (stabilized as necessary)	Clase: 5.1 Etiquetas: 5.1+8 Código de clasificación: OC1  	II	No	Véase a continuación para obtener información adicional

* Grupo de embalaje

** Peligros para el medio ambiente

Otros

El producto está cubierto por las convenciones relativas a productos peligrosos.

ADR / Consultar la tabla A, sección 3.2.1, para más información sobre disposiciones, requisitos o advertencias especiales en relación con el transporte. Consultar la sección 5.4.3 para obtener instrucciones por escrito sobre la mitigación de daños en relación con incidentes o accidentes durante el transporte.

IMDG / Consultar la sección 3.2.1, para más información sobre disposiciones, requisitos o advertencias especiales en relación con el transporte.

IATA / Consultar la tabla 4.2, para más información sobre disposiciones, requisitos o advertencias especiales en relación con el transporte.

14.6. Precauciones particulares para los usuarios

No aplicable.

14.7. Transporte marítimo a granel con arreglo a los instrumentos de la OMI

No se dispone de datos.

SECCIÓN 15. INFORMACIÓN REGLAMENTARIA

15.1. Reglamentación y legislación en materia de seguridad, salud y medio ambiente específicas para la sustancia o la mezcla

Limitaciones de uso:

Reservado exclusivamente a usuarios profesionales.

Requisitos de formación específica:

No tiene requisitos específicos.

SEVESO - Categorías de peligro / Sustancias peligrosas nominadas:

No aplicable.

Reglamento sobre la comercialización y la utilización de precursores de explosivos:

peróxido de hidrógeno en disolución 35%; agua oxigenada 35% (Anexo I)

Etiquetado del contenido según el Reglamento de Detergentes 648/2004:

≥ 30%

· Blanqueantes oxigenados

Otros:

No aplicable.

Fuentes:

Ley 31/1995, de 8 de noviembre, de prevención de Riesgos Laborales.

Reglamento (CE) nº 648/2004 del Parlamento Europeo y del Consejo de 31 de marzo de 2004, sobre detergentes.

Reglamento (UE) nº 1357/2014 de la Comisión de 18 de diciembre de 2014 sobre los residuos.

Reglamento (UE) Nº 2019/1148 sobre la comercialización y la utilización de precursores de explosivos.

Reglamento (CE) nº 1272/2008 del Parlamento Europeo y del Consejo de 16 de diciembre de 2008 sobre clasificación, etiquetado y envasado de sustancias y mezclas (CLP).

Reglamento (CE) nº 1907/2006 del Parlamento Europeo y del Consejo, de 18 de diciembre de 2006, relativo al registro, la evaluación, la autorización y la restricción de las sustancias y preparados químicos (REACH).

15.2. Evaluación de la seguridad química

No

SECCIÓN 16. OTRA INFORMACIÓN

Redacción completa de las frases H descrita en la sección 3

H271, Puede provocar un incendio o una explosión; muy comburente.

H302, Nocivo en caso de ingestión.

H314, Provoca quemaduras graves en la piel y lesiones oculares graves.

H315, Provoca irritación cutánea.

H318, Provoca lesiones oculares graves.

H319, Provoca irritación ocular grave.

H332, Nocivo en caso de inhalación.

H336, Puede provocar somnolencia o vértigo.

Abreviaturas y acrónimos

ADN = Acuerdo Europeo Relativo al Transporte Internacional de Mercancías Peligrosas por Vía Navegable Interior

ADR = Acuerdo Europeo sobre el Transporte Internacional de Mercancías Peligrosas por Carretera

ETA = Estimación de Toxicidad Aguda

CAS = Servicio de Resúmenes Químicos

CE = Conformité Européenne (De Conformidad Europea)

CLP = Reglamento sobre Clasificación, Etiquetado y Envasado [Reglamento (CE) No 1272/2008]

CLP CER = Catálogo Europeo de Residuos

COV = Compuestos Orgánicos Volátiles
DMEL = Nivel de Efecto Mínimo Derivado
DNEL = Nivel sin efecto derivado
EINECS = Inventario Europeo de Sustancias Químicas Existentes Comercializadas
EE = Escenarios de Exposición Indicación
EUH = Indicación de Peligro específica del
EuPCS = Sistema Europeo de Clasificación de Productos
FBC = Factor de Bioconcentración
IARC = Agência Internacional de Pesquisa em Câncer
IATA = Asociación de Transporte Aéreo Internacional
IBC = Contenedor Intermedio para Productos a Granel
IMDG = Código Marítimo Internacional de Mercancías Peligrosas
ISQ = Informe sobre la Seguridad Química
Log Kow = logaritmo del coeficiente de reparto octanol/agua
MARPOL = Convenio Internacional para Prevenir la Contaminación por los Buques, 1973 con el Protocolo de 1978.
("Marpol" = polución marina)
mPmB = Muy Persistente y Muy Bioacumulativa
OCDE = Organización de Cooperación y Desarrollo Económico
ONU = Organización de las Naciones Unidas
PBT = Persistente, Bioacumulativo y Tóxico
PCG = Potencial de calentamiento global
PNEC = Concentración Prevista Sin Efecto
RID = Reglamento de Transporte Internacional de Mercancías Peligrosas por Ferrocarril
RRN = Número de Registro REACH
SCL = Límite de concentración específico (LCE).
SEP = Sustancia Extremadamente Preocupante
SGA = Sistema Globalmente Armonizado de Clasificación y Etiquetado de Productos Químicos
STOT-RE = Toxicidad Específica en Determinados Órganos - Exposiciones Repetidas
STOT-SE = Toxicidad Específica en Determinados Órganos - Exposición Única
UVCB = Significa sustancias de composición desconocida o variable, productos de reacción complejos y materiales biológicos
VLA-ED = Promedio ponderado por el tiempo
VSQ = Valoración de la Seguridad Química

Otros

La clasificación de la mezcla en relación a los riesgos para la salud se conforme a los métodos de cálculo que se indican en el Reglamento (CE) nº 1272/2008 (CLP).

Ficha de datos de seguridad es validada por

Quality & Compliance

Otros

Las modificaciones en relación a la presente revisión (primera cifra en la Versión FDS, véase sección 1) de esta hoja de datos de seguridad se marcan con un triángulo.
La información que contiene esta hoja de la ficha de datos de seguridad se aplica únicamente al producto indicado en la sección 1 y no tiene por qué ser aplicable si se utiliza con otros productos.
Se recomienda entregar esta hoja de la ficha de datos de seguridad al usuario del producto. La información indicada no se puede utilizar como ficha técnica del producto.
País-idioma: ES-es

KÄYTTÖTURVALLISUUSTIEDOTE

iT.34 laundry stainremover pro active oxygen

KOHTA 1: AINEEN TAI SEOKSEN JA YHTIÖN TAI YRITYKSEN TUNNISTETIEDOT

1.1. Tuotetunniste

Kauppanimi:

iT.34 laundry stainremover pro active oxygen

Ainutkertainen koostumustunniste (UFI):

KWY8-NP05-J88H-EC1G

1.2. Aineen tai seoksen merkitykselliset tunnistetut käytöt ja käytöt, joita ei suositella

Aineen tai seoksen merkitykselliset tunnistetut käyttökohteet:

Pesu- ja puhdistusaineet (myös liuotinpohjaiset)

Vain ammattikäyttöön.

Käytöt, joita ei suositella:

Ei tunneta.

1.3. Käyttöturvallisuustiedotteen toimittajan tiedot

Yrityksen nimi ja osoite:

Hygeniq B.V.

Postbus 618

7500 AP Enschede

The Netherlands

+31 53 4282860

+31 53 5393865

www.hygeniq.com

Sähköpostiosoite:

info@hygeniq.com

Tarkistettu:

15.8.2025

KTT:n versio:

1.0

1.4. Hätäpuhelinnumero

HUS Myrkytystietokeskus 24 h/vrk, puh. 0800 147 111.

Myrkytystietokeskus/HUS, Tukholmankatu 17, 00029 HUS (Helsinki)

Ks. ensiaputoimenpiteet kohta 4.

KOHTA 2: VAARAN YKSILÖINTI

Luokitus asetuksen (EY) nro 1272/2008 (CLP) mukaan.

2.1. Aineen tai seoksen luokitus

Met. Corr. 1; H290, Voi syövyttää metalleja.

Acute Tox. 4; H302, Haitallista nieltynä.

Skin Irrit. 2; H315, Ärsyttää ihoa.
Eye Dam. 1; H318, Vaurioittaa vakavasti silmiä.
STOT SE 3; H336, Saattaa aiheuttaa uneliaisuutta ja huimausta.

2.2. Merkinnät

Varoitusmerkit:



Huomiosana:

Vaara

Vaaralausekkeet:

Voi syövyttää metalleja. (H290)
Haitallista nieltynä. (H302)
Ärsyttää ihoa. (H315)
Vaurioittaa vakavasti silmiä. (H318)
Saattaa aiheuttaa uneliaisuutta ja huimausta. (H336)

Turvausekkeet:

Yleiset:

Ei sovellettavissa.

Ennaltaehkäisy:

Pese kädet ja altistunut iho huolellisesti käsittelyn jälkeen. (P264)
Käytä silmiensuojainta/suojakäsineitä/suojavaatetusta. (P280)

Pelastustoimenpiteet:

JOS KEMIKAALIA JOUTUU SILMIIN: Huuhto huolellisesti vedellä usean minuutin ajan. Poista mahdolliset piilolinssit, jos sen voi tehdä helposti. Jatka huuhtomista. (P305+P351+P338)
Imeytä valumat vahinkojen estämiseksi. (P390)

Varastointi:

Varastoi säiliössä, jossa on kestävä sisävuoraus. (P406)

Jätteen käsittely:

Hävitä sisältö/pakkaus paikallisten määräysten mukaisesti (P501)

Vaaralliset aineet:

Vetyperoksidiliuos 35%

Täydentävät tiedot:

UFI-tunniste: KWY8-NP0S-J88H-EC1G

Sisältöä koskevat merkinnät (sovellettava kuluttajille myytävien pesuaineiden pakkauksissa):

≥ 30%

· Happipohjaiset valkaisuaineet

2.3. Muut vaarat

Muuta:

Tämä seos/tuote ei sisällä aineita, jotka täyttäisivät PBT- ja/tai vPvB-aineiksi luokiteltavien aineiden kriteerit.
Tuote ei sisällä aineita, joilla on tunnistettu olevan hormonitoimintaa häiritseviä ominaisuuksia komission delegoidussa asetuksessa (EU) 2017/2100 tai komission asetuksessa (EU) 2023/707 vahvistettujen kriteerien mukaisesti.

KOHTA 3: KOOSTUMUS JA TIEDOT AINEOSISTA

3.1. Aineet

Täyttää asetuksen (EY) nro 1907/2006 (REACH) ja liitteen II vaatimukset asetuksen (EU) nro 2020/878 mukaisesti muutettuna

Ei sovellettavissa. Tämä tuote on seos.

3.2. Seokset

Tuote/aineosa	Tunnisteet	Pitoisuus	Luokitus	Huomautukset
Vetyperoksidiliuos 35%	CAS: 7722-84-1 EY: 231-765-0 REACH-rek.nro.: 01-2119485845-22-XXXX Indeksintro.: 008-003-00-9	30-50%	Ox. Liq. 1, H271 Acute Tox. 4, H302 Skin Corr. 1A, H314 (SCL: 70,00 %) Skin Corr. 1B, H314 (SCL: 50,00 %) Skin Irrit. 2, H315 (SCL: 35,00 %) Eye Dam. 1, H318 (SCL: 8,00 %) Eye Irrit. 2, H319 (SCL: 5,00 %) Acute Tox. 4, H332 STOT SE 3, H336 (SCL: 35,00 %)	

H-lausekkeet annetaan täydessä sanamuodossaan kohdassa 16. Työhygieeniset raja-arvot annetaan kohdassa 8, mikäli ne ovat saatavilla.

Muut tiedot

-

KOHTA 4: ENSIAPUTOIMENPITEET

4.1. Ensiaputoimenpiteiden kuvaus

Yleistä:

Onnettomuustilanne: Ota yhteys lääkäriin tai ensiapuun - ota mukaan etiketti tai tämä käyttöturvallisuustiedote. Jos oireet jatkuvat tai loukkaantuneen tilasta ei ole varmuutta, hakeudu lääkärin hoitoon. Älä koskaan anna tajuttomalle vettä tai muuta juotavaa.

Hengitettynä:

Hengitysvaikeuksien tai hengitystieärsytyksen ilmetessä: Siirrä henkilö raittiiseen ilmaan ja tarkkaile hänen vointiaan.

Kosketus ihoon:

JOS KEMIKAALIA JOUTUU IHOOLLE: Pese runsaalla vedellä/vedellä ja saippualla. Riisu saastuneet vaatteet ja kengät. Pese altistunut iho huolellisesti vedellä ja saippualla. ÄLÄ KÄYTÄ liuottimia tai ohentimia. Jos ilmenee ihoärsytystä: Hakeudu lääkäriin.

Kosketus silmiin:

JOS KEMIKAALIA JOUTUU SILMIIN: Huuhtelee silmiä runsaalla vedellä (20 - 30 °C) vähintään 30 minuuttia ja jatka kunnes ärsytys lakkaa. Poista mahdolliset piilolinssit. Huolehdi, että huuhdot sekä ylä- että alaluomien alta. Hakeudu heti lääkärin hoitoon ja jatka huuhtelua kuljetuksen aikana.

Nieltynä:

JOS KEMIKAALIA ON NIELTY: Ota yhteys MYRKYTYSTIETOKESKUKSEEN/lääkäriin, jos ilmenee pahoinvointia. Huuhdo suu.

Palovamma:

Ei sovellettavissa.

4.2. Tärkeimmät oireet ja vaikutukset, sekä välittömät että viivästyneet

Tämä tuote sisältää aineita, jotka aiheuttavat vakavia silmävaurioita. Kontakti näiden aineiden kanssa voi aiheuttaa pysyviä vahinkoja silmille / vakavia silmävaurioita.

4.3. Mahdollisesti tarvittavaa välitöntä lääketieteellistä apua ja erityishoitoa koskevat ohjeet

Altistumisen tapahduttua tai jos epäillään altistumista:
Hakeudu välittömästi lääkäriin.

Tietoja lääkärille

Ota mukaan tämä käyttöturvallisuustiedote tai tuotteen etiketti.

KOHTA 5: PALONTORJUNTATOIMENPITEET

5.1. Sammutusaineet

Ei sovellettavissa.

5.2. Aineesta tai seoksesta johtuvat erityiset vaarat

Tulipalo muodostaa paksua savua. Altistuminen hajoamistuotteille voi aiheuttaa vaaran terveydelle. Tulelle altistuneet suljetut säiliöt jäädytetään vedellä. Sammutusvesi ei saa valua viemäriverkostoon eikä vesistöön.

5.3. Palontorjuntaa koskevat ohjeet

Normaalit palontorjuntavarusteet ja ulkoilmasta riippumaton hengityksensuojaus. Altistumistilanteissa ota yhteyttä myrkytystietokeskukseen.

KOHTA 6: TOIMENPITEET ONNETTOMUUSPÄÄSTÖISSÄ

6.1. Varotoimenpiteet, henkilönsuojaimet ja menettely hätätilanteessa

Vältä suoraa kosketusta roiskuneeseen kemikaaliin.
Huolehdi asianmukaisesta ilmastoinnista erityisesti ahtaissa tiloissa.
Vältä roiskuneen kemikaalin höyryjen hengittämistä.
Saastuneet alueet voivat olla liukkaita

6.2. Ympäristöön kohdistuvat varotoimet

Vältä päästöjä järviin, jokiin, viemäriverkostoon jne.
Pidä ulkopuoliset henkilöt poissa vuodon läheltä

6.3. Suojarakenteita ja puhdistusta koskevat menetelmät ja -välineet

Käytä palamattomien materiaalien keräämiseen hiekkaa, piimaata tai yleisiä imeytysaineita ja säilö materiaali säiliöön hävittämistä varten, paikallisten määräysten mukaisesti.
Käytä puhdistamiseen tavallisia puhdistusaineita mahdollisuuksien mukaan. Vältä liuottimien käyttöä.

6.4. Viittaukset muihin kohtiin

Katso tietoja jätteen käsittelystä kohdasta 13 "Jätteiden käsittelyyn liittyvät näkökohdat".
Katso suojaustoimenpiteet kohdasta 8 "Altistumisen ehkäiseminen ja henkilönsuojaimet".

KOHTA 7: KÄSITTELY JA VARASTOINTI

7.1. Turvallisen käsittelyn edellyttämät toimenpiteet

Vältä suoraa kosketusta tuotteeseen.
Tupakointi, syöminen ja juominen ei ole sallittua työtiloissa.
Katso tietoja henkilökohtaisista suojaamista kohdasta 8 "Altistumisen ehkäiseminen ja henkilönsuojaimet".

7.2. Turvallisen varastoinnin edellyttämät olosuhteet, mukaan luettuina yhteensopimattomuudet

Avatut säiliöt on suljettava huolellisesti uudelleen ja pidettävä pystysuorassa vuotojen estämiseksi.
Varastoi säiliössä, jossa on kestävä sisävuoraus.

Soveltuvat pakkaustavat:

Säilytä alkuperäispakkauksessa.

Varastointiolosuhteet:

Kuiva, viileä ja hyvin ilmastoitu

Täyttää asetuksen (EY) nro 1907/2006 (REACH) ja liitteen II vaatimukset asetuksen (EU) nro 2020/878 mukaisesti muutettuna

Yhteensopimattomat materiaalit:
Säilytä alkuperäispakkauksessa.

7.3. Erityinen loppukäyttö

Tätä tuotetta tulee käyttää vain kohdassa 1.2 kuvatulla tavalla.

KOHTA 8: ALTISTUMISEN EHKÄISEMINEN JA HENKILÖNSUOJAIMET

8.1. Valvontaa koskevat muuttujat

Vetyperoksidiliuos 35%
HTP-arvot (8 h) (ppm): 1
HTP-arvot (8 h) (mg/m³): 1,4
HTP-arvot (15 min) (ppm): 3
HTP-arvot (15 min) (mg/m³): 4,2

Sosiaali- ja terveysministeriön asetus haitallisiksi tunnetuista pitoisuuksista (55/2025).

DNEL

Vetyperoksidiliuos 35%

Kesto:	Altistumisreitti:	DNEL:
Lyhytaikainen – paikalliset vaikutukset - työntekijät	Hengitettynä	3 mg/m ³
Lyhytaikainen – paikalliset vaikutukset - väestö	Hengitettynä	1.93 mg/m ³
Pitkäaikainen – paikalliset vaikutukset - työntekijät	Hengitettynä	1.4 mg/m ³
Pitkäaikainen – paikalliset vaikutukset - väestö	Hengitettynä	0,21 mg/m ³
Pitkäaikainen – paikalliset vaikutukset - väestö	Hengitettynä	210 µg/m ³

PNEC

Vetyperoksidiliuos 35%

Altistumisreitti:	Altistumisen kesto:	PNEC:
Jaksottainen päästö (makeavesi)		13.8 µg/L
Jäteveden käsittelylaitos		466 mg/L
Maa		0,023 mg/kg
Maa		1.9 µg/kg
Makeanveden sedimentti		0,047 mg/kg
Makeanveden sedimentti		47 µg/kg
Makeavesi		0,0126 mg/L
Makeavesi		12.6 µg/L
Meriveden sedimentti		0,047 mg/L
Meriveden sedimentti		47 µg/kg
Merivesi		0,047 mg/L
Merivesi		12.6 µg/L

8.2. Altistumisen ehkäiseminen

Raja-arvojen noudattamista on seurattava säännöllisesti.

Yleiset suositukset:

Tupakointi, syöminen ja juominen ei ole sallittua työtiloissa.

Altistumisskenaariot:

Tälle tuotteelle ei ole annettu altistumisskenaarioita.

Työperäisen altistumisen raja-arvot:

Ammattikäyttäjää koskevat työympäristölainsäädännön säännökset altistumisen enimmäispitoisuuksista. Kts. työhygieeniset raja-arvot edellä.

Asianmukaiset tekniset torjuntatoimenpiteet:

Höyryn muodostuminen tulee minimoida, ja höyryn pitoisuus tulee pitää nykyisten raja-arvojen alapuolella (kts. edellä). Käytä tarvittaessa kohdepoistoa, mikäli ilmanvaihto työpaikalla ei ole riittävä. Huolehdi siitä, että silmähuuhtelupaikat ja hätäsuihkut on merkitty näkyvästi.

Varmista, että silmähuuhtelupaikat ja hätäsuihkut ovat helposti käytettävissä.

Noudata tavanomaisia varotoimenpiteitä tuotetta käytettäessä. Vältä höyryjen hengittämistä.

Hygieniatoimenpiteet:

Riisu saastunut vaatetus ja pese ennen uudelleenkäyttöä.

Varotoimet ympäristöaltistuksen rajoittamiseksi:

Ei erityisvaatimuksia.

Henkilökohtaiset suojatoimenpiteet, kuten henkilönsuojaimet

Yleistä:

Käytä vain CE-merkinnällä varustettuja suojavarusteita.

Hengityksensuojaus:

Työolosuhteet	Tyyppi	Luokka	Väri	Standardit	
Sumun/aerosolin muodostumisen riskin ilmetessä	Kasvosuojain			EN136	

Ihon suojaus:

Suositus	Tyyppi/Kategoria	Standardit	
Käytettävä työvaatetusta.	-	-	

Käsien suojaus:

Työolosuhteet	Materiaali	Paksuus (mm)	Läpäisy aika (min.)	Standardit	
Pitkäaikaisen altistumisen tai korkeiden pitoisuuksien yhteydessä	Nitriili	0,4	> 480	EN374-2, EN16523-1, EN388	
Pitkäaikaisen altistumisen tai korkeiden pitoisuuksien yhteydessä	Butyyli	0,7	> 480	EN374-2, EN16523-1, EN388, EN421	

Silmien ja kasvojen suojaus:

Tyyppi	Standardit	
Käytä suojalaseja, joissa on sivusuojat.	EN166	

KOHTA 9: FYSIKAALISET JA KEMIALLISET OMINAISUUDET

9.1. Fysikaalisia ja kemiallisia perusominaisuuksia koskevat tiedot

Olomuoto:

Nestemäinen

Väri:

Väritön

Haju / Hajukynnys (ppm):

Ominainen haju

pH:

2.5

Tiheys (g/cm³):

1,1 (20 °C)

Kinemaattinen viskositeetti:

Tietoja ei saatavilla.

Hiukkasten ominaisuudet:

Ei koske nesteitä.

Tilan muutos ja höyryt

Sulamis / jäätymispiste (°C):

Tietoja ei saatavilla.

Pehmenemispiste tai -alue (°C):

Ei koske nesteitä.

Kiehumispiste (°C):

100

Höyrynpaine:

Tietoja ei saatavilla.

Höyryn suhteellinen tiheys:

Tietoja ei saatavilla.

Hajoamislämpötila (°C):

Tietoja ei saatavilla.

Palo- ja räjähdysvaara

Leimahduspiste (°C):

Tietoja ei saatavilla.

Syttyvyys (°C):

Tietoja ei saatavilla.

Itsesyttymislämpötila (°C):

Tietoja ei saatavilla.

Räjähdysrajat (% v/v):

Tietoja ei saatavilla.

Liukoisuus

Vesiliukoisuus:

Täysin liukeneva

Jakautumiskerroin: n-oktanolivesi (LogKow):

Tietoja ei saatavilla.

Rasvaliukoisuus (g/L):
Tietoja ei saatavilla.

9.2. Muut tiedot

Muut fysikaaliset ja kemialliset parametrit:
Tietoja ei saatavilla.

Hapettavat ominaisuudet:
Tietoja ei saatavilla.

KOHTA 10: STABIILISUUS JA REAKTIIVISUUS

10.1. Reaktiivisuus

Tietoja ei saatavilla.

10.2. Kemiallinen stabiilisuus

Tuote on stabiili olosuhteissa, jotka kerrotaan kohdassa 7 "Käsittely ja varastointi".

10.3. Vaarallisten reaktioiden mahdollisuus

Ei tunneta.

10.4. Vältettävät olosuhteet

Ei tunneta.

10.5. Yhteensopimattomat materiaalit

Säilytä alkuperäispakkauksessa.

10.6. Vaaralliset hajoamistuotteet

Normaalissa säilytyksessä ja käytössä hajoamistuotteita ei pitäisi syntyä.

KOHTA 11: MYRKYLLISYYTEEN LIITTYVÄT TIEDOT

11.1. Tiedot asetuksessa (EY) N:o 1272/2008 määritellyistä vaaraluokista

Välitön myrkyllisyys

Tuote/aineosa	Vetyperoksidiliuos 35%
Laji:	Rotta
Altistumisreitti:	Suun kautta
Testi:	LD50
Tulos:	1.193 - 1.270 mg/L

Tuote/aineosa	Vetyperoksidiliuos 35%
Laji:	Kani
Altistumisreitti:	Ihon kautta
Testi:	LD50
Tulos:	>2.000 (35% oplossing) mg/kg

Haitallista nieltynä.

Ihosyövyttävyyden/ihoärsytys

Tuote/aineosa	iT.34 laundry stainremover pro active oxygen
Tulos:	Havaittu haittavaikutuksia (Ärsyttävä)

Tuote/aineosa	Vetyperoksidiliuos 35%
Tulos:	Havaittu haittavaikutuksia (Ärsyttävä)

Ärsyttää ihoa.

Vakava silmävaurio/silmä-ärsytys

Täyttää asetuksen (EY) nro 1907/2006 (REACH) ja liitteen II vaatimukset asetuksen (EU) nro 2020/878 mukaisesti muutettuna

Tuote/aineosa	iT.34 laundry stainremover pro active oxygen
Tulos:	Havaittu haittavaikutuksia (Vaurioittaa vakavasti silmiä)

Tuote/aineosa	Vetyperoksidiliuos 35%
Tulos:	Havaittu haittavaikutuksia (Vaurioittaa vakavasti silmiä)

Vaurioittaa vakavasti silmiä.

Hengitysteiden herkistyminen

Tuote/aineosa	Vetyperoksidiliuos 35%
Tulos:	Haittavaikutuksia ei havaittu (ei herkistävä)

Saatavilla olevien tietojen perusteella luokituskriteerit eivät täyty.

Ihon herkistyminen

Saatavilla olevien tietojen perusteella luokituskriteerit eivät täyty.

Sukusolujen perimää vaurioittavat vaikutukset

Saatavilla olevien tietojen perusteella luokituskriteerit eivät täyty.

Syöpää aiheuttavat vaikutukset

Tuote/aineosa	Vetyperoksidiliuos 35%
Johtopäätös:	Haittavaikutuksia ei havaittu

Saatavilla olevien tietojen perusteella luokituskriteerit eivät täyty.

Lisääntymiselle vaaralliset vaikutukset

Tuote/aineosa	Vetyperoksidiliuos 35%
Johtopäätös:	Haittavaikutuksia ei havaittu

Saatavilla olevien tietojen perusteella luokituskriteerit eivät täyty.

Elinکوhtainen myrkyllisyys – kerta-altistuminen

Saattaa aiheuttaa uneliaisuutta ja huimausta.

Elinکوhtainen myrkyllisyys – toistuva altistuminen

Saatavilla olevien tietojen perusteella luokituskriteerit eivät täyty.

Aspiraatiovaara

Tuote/aineosa	Vetyperoksidiliuos 35%

Saatavilla olevien tietojen perusteella luokituskriteerit eivät täyty.

11.2. Tiedot muista vaaroista

Pitkäaikaisvaikutukset

Tämä tuote sisältää aineita, jotka aiheuttavat vakavia silmävaurioita. Kontakti näiden aineiden kanssa voi aiheuttaa pysyviä vahinkoja silmille / vakavia silmävaurioita.

Hormonitoimintaa häiritsevät ominaisuudet

Tämä seos/tuote ei sisällä aineita, joilla katsotaan olevan hormonitoimintaa häiritseviä ominaisuuksia terveydelle.

Muut tiedot

Vetyperoksidiliuos 35%: IARC on luokitellut aineen ryhmään 3.

KOHTA 12: TIEDOT VAARALLISUUDESTA YMPÄRISTÖLLE

12.1. Myrkyllisyys

Tuote/aineosa	Vetyperoksidiliuos 35%
Laji:	Kala, Pimephales promelas
Kesto:	96 h
Testi:	LC50
Tulos:	16,4 mg/L

Täyttää asetuksen (EY) nro 1907/2006 (REACH) ja liitteen II vaatimukset asetuksen (EU) nro 2020/878 mukaisesti muutettuna

Tuote/aineosa Vetyperoksidiliuos 35%
Laji: Kala, *Leuciscus idus*
Kesto: 72 h
Testi: LC50
Tulos: 35 mg/L

Tuote/aineosa Vetyperoksidiliuos 35%
Laji: Kala, *Oncorhynchus mykiss*
Kesto: 7 pv
Testi: LC50
Tulos: 38,5 mg/L

Tuote/aineosa Vetyperoksidiliuos 35%
Laji: *Daphnia pulex*
Kesto: 48 h
Testi: EC50
Tulos: 2,4 mg/L

Tuote/aineosa Vetyperoksidiliuos 35%
Laji: *Daphnia magna*
Kesto: 24 h
Testi: EC50
Tulos: 7,7 mg/L

Tuote/aineosa Vetyperoksidiliuos 35%
Laji: *Skeletonema costatum*
Kesto: 72 h
Testi: EC50
Tulos: 1,38 mg/L

Tuote/aineosa Vetyperoksidiliuos 35%
Testimenetelmä: OECD 209
Laji: Bakteerit
Ympäristön osa-alue: Aktiivilietelaitos
Kesto: 30 minutes
Testi: EC50
Tulos: 466 mg/L

Tuote/aineosa Vetyperoksidiliuos 35%
Testimenetelmä: OECD 209
Laji: Bakteerit
Ympäristön osa-alue: Aktiivilietelaitos
Kesto: 3 h
Testi: EC50
Tulos: > 1.000 mg/L

Saatavilla olevien tietojen perusteella luokituskriteerit eivät täyty.

12.2. Pysyvyys ja hajoavuus

Tuote/aineosa Vetyperoksidiliuos 35%
Johtopäätös: Nopea biohajoavuus

12.3. Biokertyvyys

Tuote/aineosa Vetyperoksidiliuos 35%
LogKow: -1,57
Johtopäätös: -

12.4. Liikkuvuus maaperässä

Tietoja ei saatavilla.

12.5. PBT- ja vPvB-arvioinnin tulokset

Tämä seos/tuote ei sisällä aineita, jotka täyttäisivät PBT- ja/tai vPvB-aineiksi luokiteltavien aineiden kriteerit.

12.6. Hormonitoimintaa häiritsevät ominaisuudet

Tuote/aineosa iT.34 laundry stainremover pro active oxygen
Johtopäätös: Haittavaikutuksia ei havaittu

Tämä seos/tuote ei sisällä aineita, joilla katsotaan olevan hormonitoimintaa häiritseviä ominaisuuksia ympäristössä.

12.7. Muut haitalliset vaikutukset

Ei tunneta.

KOHTA 13: JÄTTEIDEN KÄSITTELYYN LIITTYVÄT NÄKÖKOHDAT

13.1. Jätteiden käsittelymenetelmät

Tämä tuote kuuluu vaarallisia jätteitä koskevan lainsäädännön piiriin. (*)

HP 6 - Välitön myrkyllisyys

HP 8 - Syövyttävä

Hävitä sisältö/pakkaus vaarallisten jätteiden keräyspisteeseen.

Komission asetus (EU) N:o 1357/2014 jätteistä ja tiettyjen direktiivien kumoamisesta annetun Euroopan parlamentin ja neuvoston direktiivin 2008/98/EY liitteen III korvaamisesta.

Eurooppalainen jättekoodi:

20 01 29* Pesu- ja puhdistusaineet, jotka sisältävät vaarallisia aineita

Saastunut pakkaus

Pakkaukset, joissa on tuotteen jäämiä, hävitetään samojen määräysten mukaan kuin tuote.

KOHTA 14: KULJETUSTIEDOT

	14.1 YK-nro	14.2 Kuljetuksessa käytettävä virallinen nimi	14.3 Kuljetuksen vaaraluokat	14.4 PG*	14.5 Env**	Muut tiedot:
ADR	UN2014	VETYPEROKSIDIN VESILIUOS, joka sisältää vähintään 20 % mutta enintään 60 % vetyperoksidia (tarvittaessa stabiloituna)	Luokka: 5.1 Lipukkeet: 5.1+8 Luokituskoodi: OC1  	II	Ei	Rajoitetut määrät: 1 L Tunnelirajoituskoodi: (E) Katso alhaalta lisätietoja.
IMDG	UN2014	HYDROGEN PEROXIDE, AQUEOUS SOLUTION with not less than 20% but not more than 60% hydrogen peroxide (stabilized as necessary)	Luokka: 5.1 Lipukkeet: 5.1+8 Luokituskoodi: OC1  	II	Ei	Rajoitetut määrät: 1 L EmS: F-H S-Q Katso alhaalta lisätietoja.
IATA	UN2014	HYDROGEN PEROXIDE, AQUEOUS SOLUTION with not less than 20% but not more than 60% hydrogen peroxide (stabilized as necessary)	Luokka: 5.1 Lipukkeet: 5.1+8 Luokituskoodi: OC1	II	Ei	Katso alhaalta lisätietoja.

Täyttää asetuksen (EY) nro 1907/2006 (REACH) ja liitteen II vaatimukset asetuksen (EU) nro 2020/878 mukaisesti muutettuna

	14.1 YK-nro	14.2 Kuljetuksessa käytettävä virallinen nimi	14.3 Kuljetuksen vaaraluokat	14.4 PG*	14.5 Env**	Muut tiedot:
			 			

* Pakkausryhmä

** Ympäristövaarat

Muuta

Tuote kuuluu vaarallisten aineiden kuljetusta koskevan lainsäädännön piiriin.

ADR / Katso taulukosta A, kohdasta 3.2.1 mahdolliset tiedot erityismääräyksistä, vaatimuksista tai varoituksista kuljetukseen liittyen. Katso kohdasta 5.4.3 kirjalliset ohjeet vahinkojen lieventämisestä kuljetuksen aikana sattuneiden tapaturmien tai onnettomuuksien yhteydessä.

IMDG / Katso kohdasta 3.2.1 mahdolliset tiedot erityismääräyksistä, vaatimuksista tai varoituksista kuljetukseen liittyen.

IATA / Katso taulukosta 4.2 mahdolliset tiedot erityismääräyksistä, vaatimuksista tai varoituksista kuljetukseen liittyen.

14.6. Erityiset varotoimet käyttäjälle

Ei sovellettavissa.

14.7. Merikuljetus irtolastina IMO:n asiakirjojen mukaisesti

Tietoja ei saatavilla.

KOHTA 15: LAINSÄÄDÄNTÖÄ KOSKEVAT TIEDOT

15.1. Nimenomaisesti ainetta tai seosta koskevat turvallisuus-, terveys- ja ympäristösäännökset tai -lainsäädäntö

Käyttörajoitukset:

Vain ammattikäyttöön.

Erityiskoulutusta koskevat vaatimukset:

Ei erityisvaatimuksia.

SEVESO - Vaarallisten aineiden kategoriat / Nimetyt vaaralliset aineet:

Ei sovellettavissa.

Asetus räjähteiden lähtöaineista:

Vetyperoksidiliuos 35% (Liite I)

Sisältöä koskevat merkinnät:

≥ 30%

· Happipohjaiset valkaisuaineet

Muuta:

Ei sovellettavissa.

Lähteet:

Sosiaali- ja terveysministeriön asetus 188/2012 nuorille työntekijöille vaarallisten töiden esimerkkiluettelosta.

Euroopan parlamentin ja neuvoston asetus (EY) N:o 648/2004 pesuaineista.

Komission asetus (EU) N:o 1357/2014 jätteistä ja tiettyjen direktiivien kumoamisesta annetun Euroopan parlamentin ja neuvoston direktiivin 2008/98/EY liitteen III korvaamisesta.

Euroopan parlamentin ja neuvoston asetus (EU) 2019/1148 räjähteiden lähtöaineiden markkinoille saattamisesta ja käytöstä.

Euroopan parlamentin ja neuvoston asetus (EY) N:o 1272/2008 aineiden ja seosten luokituksesta, merkinnöistä ja pakkaamisesta (CLP).

Euroopan parlamentin ja neuvoston asetus (EY) N:o 1907/2006 kemikaalien rekisteröinnistä, arvioinnista, lupamenettelyistä ja rajoituksista (REACH).

15.2. Kemikaaliturvallisuusarviointi

Ei

KOHTA 16: MUUT TIEDOT.

Kohdassa 3 mainitut H-lausekkeet täydellisessä sanamuodossaan

H271, Aiheuttaa tulipalo- tai räjähdysvaaran; voimakkaasti hapettava.

H302, Haitallista nieltynä.

H314, Voimakkaasti ihoa syövyttävää ja silmiä vaurioittavaa.

H315, Ärsyttää ihoa.

H318, Vaurioittaa vakavasti silmiä.

H319, Ärsyttää voimakkaasti silmiä.

H332, Haitallista hengitettynä.

H336, Saattaa aiheuttaa uneliaisuutta ja huimausta.

Lyhenteet

ADN = Eurooppalainen sopimus koskien vaarallisten aineiden kansainvälistä sisävesikuljetuksista

ADR = Eurooppalainen sopimus vaarallisten aineiden maantiekuljetuksista

AS = Altistumisskenaario

ATE = Akuutin myrkyllisyyden estimaatti

BCF = Biologinen kertymistekijä

CAS = Kemikaalien tunnistenumerojärjestelmä

CLP = Asetus kemikaalien luokituksista, merkinnöistä ja pakkaamisesta [asetus (EU) No. 1272/2008]

KTa = Kemikaaliturvallisuusarviointi

KTR = Kemikaaliturvallisuusraportti

DNEL = Johdettu vaikutukseton altistumistaso

EINECS = Euroopan kaupallisessa käytössä olevien aineiden luettelo

EUH-lausekkeet = CLP-asetuksen lisävaaralausekkeet

EuPCS = Eurooppalainen tuoteluokitusjärjestelmä

EWC = Euroopan jäteluettelo

GHS = Kemikaalien yhdenmukaistettu luokitus- ja merkintäjärjestelmä

GWP = Ilmaston lämmitysvaikutuspotentiaali

HTP = Haitalliseksi tunnettu pitoisuus

IATA = Kansainvälinen ilmakuljetusliitto

IBC = Intermediate Bulk Container, IBC-kontti

IMDG = Vaarallisten aineiden merikuljetus

MARPOL = Kansainvälinen sopimusmeren pilaantumisen ehkäisemisestä 73/78, ("Marpol" = marine pollution)

OECD = Taloudellisen yhteistyön ja kehityksen järjestö

PBT = Hitaasti hajoava, biokertyvä ja myrkyllinen

PNEC = Arvioitu vaikutukseton pitoisuus

RID = Kansainväliset rautatiekuljetusmääräykset

RRN = REACH-rekisteröintinumero

SCL = Erityinen pitoisuusraja

SVHC = Erityistä huolta aiheuttava aine

STOT-SE = Elinkohtainen myrkyllisyys - toistuva altistuminen

STOT-RE = Elinkohtainen myrkyllisyys - kerta-altistuminen

YK = Yhdistyneet kansakunnat

UVCB = Koostumukseltaan tuntematon tai vaihteleva aine, kompleksi reaktiotuote tai biologinen materiaali

VOC = Haihtuvat orgaaniset yhdisteet

vPvB = Erittäin hitaasti hajoava ja erittäin voimakkaasti biokertyvä "

Lisätietoja

Täyttää asetuksen (EY) nro 1907/2006 (REACH) ja liitteen II vaatimukset asetuksen (EU) nro 2020/878 mukaisesti muutettuna

Seoksen terveysvaarojen luokitus on asetuksen (EY) N:o 1272/2008 (CLP) laskentamenetelmän mukainen.

Käyttöturvallisuustiedotteen on validoinut

Quality & Compliance

Muuta

Muutokset edelliseen merkittävään versioon (versionumeron ensimmäinen numero, kts. KTT:n kohta 1) merkitään sinisellä kolmiolla.

Tämän käyttöturvallisuustiedotteen tiedot koskevat vain kohdassa 1 mainittua tuotetta, eivätkä ne välttämättä koske käyttöä yhdessä muiden tuotteiden kanssa.

On suositeltavaa toimittaa tämä käyttöturvallisuustiedote tuotteen varsinaiselle käyttäjälle. Annettuja tietoja ei saa käyttää tuoteselosteena.

Maa-kieli: FI-fi

FICHE DE DONNÉES DE SÉCURITÉ

iT.34 laundry stainremover pro active oxygen

RUBRIQUE 1: IDENTIFICATION DE LA SUBSTANCE/DU MÉLANGE ET DE LA SOCIÉTÉ/DE L'ENTREPRISE

1.1. Identificateur de produit

Marque commerciale:

iT.34 laundry stainremover pro active oxygen

Identifiant unique de formulation (UFI):

KWY8-NP05-J88H-EC1G

1.2. Utilisations identifiées pertinentes de la substance ou du mélange et utilisations déconseillées

Utilisations identifiées pertinentes de la substance ou du mélange:

Produits de lavage et de nettoyage (y compris produits à base de solvants)

Réservé aux utilisateurs professionnels.

Utilisations déconseillées :

Aucune connue.

1.3. Renseignements concernant le fournisseur de la fiche de données de sécurité

Nom et adresse de l'entreprise:

Hygeniq B.V.

Postbus 618

7500 AP Enschede

The Netherlands

+31 53 4282860

+31 53 5393865

www.hygeniq.com

Courriel:

info@hygeniq.com

Révision:

15/08/2025

Version de la fiche de données de sécurité:

1.0

1.4. Numéro d'appel d'urgence

ORFILA: + 33 (0)1 45 42 59 59.

Ce numéro permet d'obtenir les coordonnées de tous les centres Anti-poison Français. Ces centres anti-poison et de toxicovigilance fournissent une aide médicale gratuite (hors coût d'appel), 24 heures sur 24 et 7 jours sur 7

Voir la rubrique 4 concernant les premiers secours.

RUBRIQUE 2: IDENTIFICATION DES DANGERS

Classée conformément au règlement (CE) n° 1272/2008 (CLP).

2.1. Classification de la substance ou du mélange

Met. Corr. 1; H290, Peut être corrosif pour les métaux.
Acute Tox. 4; H302, Nocif en cas d'ingestion.
Skin Irrit. 2; H315, Provoque une irritation cutanée.
Eye Dam. 1; H318, Provoque de graves lésions des yeux.
STOT SE 3; H336, Peut provoquer somnolence ou vertiges.

2.2. Éléments d'étiquetage

Pictogramme(s) de danger:



Mention d'avertissement:

Danger

Mention(s) de danger:

Peut être corrosif pour les métaux. (H290)
Nocif en cas d'ingestion. (H302)
Provoque une irritation cutanée. (H315)
Provoque de graves lésions des yeux. (H318)
Peut provoquer somnolence ou vertiges. (H336)

Conseil(s) de prudence:

Générales:

Sans objet.

Précautions:

Se laver mains et la peau exposée soigneusement après manipulation. (P264)
Porter un équipement de protection des yeux/ des gants de protection/des vêtements de protection. (P280)

Intervention:

EN CAS DE CONTACT AVEC LES YEUX: Rincer avec précaution à l'eau pendant plusieurs minutes. Enlever les lentilles de contact si la victime en porte et si elles peuvent être facilement enlevées. Continuer à rincer. (P305+P351+P338)
Absorber toute substance répandue pour éviter qu'elle attaque les matériaux environnants. (P390)

Stockage:

Stocker dans un récipient avec doublure intérieure. (P406)

Élimination:

Éliminer le contenu/récipient conformément à la réglementation locale (P501)

Contient:

peroxyde d'hydrogène ; eau oxygénée

Autre étiquetage:

UFI : KQY8-NP0S-J88H-EC1G

Étiquetage du contenu conformément au règlement (CE) no 648/2004 relatif aux détergents (applicable aux emballages de détergents vendus au grand public):

≥ 30%

· Agents de blanchiment oxygénés

2.3. Autres dangers

Autre:

Ce mélange/produit ne contient aucune substance considérée comme répondant aux critères de classification comme PBT et/ou vPvB.

Ce produit ne contient aucune substance considérée comme étant un perturbateur endocrinien conformément aux critères définis dans le règlement délégué (UE) 2017/2100 ou le règlement (UE) 2023/707 de la Commission.

RUBRIQUE 3: COMPOSITION/INFORMATIONS SUR LES COMPOSANTS

3.1. Substances

Sans objet. Ce produit est un mélange.

3.2. Mélanges

Produit/composant	Identifiants	% w/w	Classification	Note
peroxyde d'hydrogène ; eau oxygénée	N° CAS : 7722-84-1 N° CE: 231-765-0 REACH: 01-2119485845-22-XXXX N° index : 008-003-00-9	30-50%	Ox. Liq. 1, H271 Acute Tox. 4, H302 Skin Corr. 1A, H314 (SCL: 70,00 %) Skin Corr. 1B, H314 (SCL: 50,00 %) Skin Irrit. 2, H315 (SCL: 35,00 %) Eye Dam. 1, H318 (SCL: 8,00 %) Eye Irrit. 2, H319 (SCL: 5,00 %) Acute Tox. 4, H332 STOT SE 3, H336 (SCL: 35,00 %)	

Le texte intégral des phrases H se trouve dans la rubrique 16. Les limites d'exposition professionnelle sont indiquées dans la rubrique 8, à condition d'être disponibles

Autres informations

-

RUBRIQUE 4: PREMIERS SECOURS

4.1. Description des mesures de premiers secours

Généralités:

En cas d'accident : Contactez un médecin ou l'hôpital, apportez l'étiquette ou bien la présente fiche de données de sécurité.

En cas de symptômes persistants ou en cas de doute concernant l'état de la personne blessée, faites appel à un médecin. Ne donnez jamais à boire de l'eau ou autre liquide à une personne ayant perdu connaissance.

Inhalation:

En cas de difficultés respiratoires ou d'irritation des voies respiratoires : Amenez la personne à l'air frais et gardez la personne sous surveillance.

Contact cutané:

EN CAS DE CONTACT AVEC LA PEAU: Laver abondamment à l'eau/eau savonneuse.

Retirez les vêtements et chaussures contaminés. Lavez soigneusement avec de l'eau et du savon la peau qui a été en contact avec le produit. N'utilisez PAS de produits solvants ou de diluants.

En cas d'irritation cutanée: consulter un médecin.

Contact visuel:

En cas de contact avec les yeux: Rincez aussitôt les yeux avec de grandes quantités d'eau (20-30 °C) pendant au moins 30 minutes et continuez jusqu'à ce que l'irritation cesse. Retirez les éventuelles lentilles de contact. Assurez-vous de bien rincer sous la paupière supérieure et sous la paupière inférieure. Faites aussitôt appel à un médecin. Consultez un médecin immédiatement et continuez de rincer pendant le trajet.

Ingestion:

EN CAS D'INGESTION: Appeler un CENTRE ANTIPOISON/un médecin en cas de malaise.

Rincer la bouche.

Brûlure:

Sans objet.

4.2. Principaux symptômes et effets, aigus et différés

Le produit contient des substances qui causent de graves lésions oculaires. Le contact avec ces substances peut provoquer des effets irréversibles sur les yeux / des lésions oculaires graves.

4.3. Indication des éventuels soins médicaux immédiats et traitements particuliers nécessaires

EN CAS d'exposition prouvée ou suspectée:
Consulter immédiatement un médecin.

Informations pour le médecin

Apportez la présente fiche de données de sécurité ou l'étiquette du produit.

RUBRIQUE 5: MESURES DE LUTTE CONTRE L'INCENDIE

5.1. Moyens d'extinction

Sans objet.

5.2. Dangers particuliers résultant de la substance ou du mélange

Le feu va dégager une épaisse fumée. L'exposition aux produits de décomposition représente un danger pour la santé. Les récipients fermés exposés au feu sont refroidis avec de l'eau. Ne laissez pas de l'eau ayant servi à éteindre l'incendie s'écouler dans les égouts et les cours d'eau.

5.3. Conseils aux pompiers

Portez une combinaison d'intervention normale et une protection respiratoire complète afin d'éviter tout contact. Voir la rubrique 1 concernant numéro d'appel d'urgence.

RUBRIQUE 6: MESURES À PRENDRE EN CAS DE DISPERSION ACCIDENTELLE

6.1. Précautions individuelles, équipement de protection et procédures d'urgence

Évitez le contact direct avec le produit répandu.
Assurer une ventilation adéquate, en particulier dans les espaces confinés.
Évitez d'inhaler des vapeurs de produits répandus.
Les zones contaminées peuvent être glissantes.

6.2. Précautions pour la protection de l'environnement

Ne déversez pas dans les lacs, les ruisseaux, les égouts, etc.
Tenir les personnes non autorisées éloignées du déversement.

6.3. Méthodes et matériel de confinement et de nettoyage

Contenez et collectez les déversements avec un matériau absorbant non combustible, par exemple du sable, de la terre, de la vermiculite ou de la terre de diatomées, et placez-les dans un récipient pour les éliminer conformément aux réglementations locales.
Nettoyez autant que possible avec des produits de nettoyage ordinaires. Évitez les solvants.

6.4. Référence à d'autres rubriques

Voir la rubrique 13 "Considérations relatives à l'élimination" sur la manipulation des déchets.
Voir la rubrique 8 "Contrôles de l'exposition/protection individuelle" pour les mesures de protection.

RUBRIQUE 7: MANIPULATION ET STOCKAGE

7.1. Précautions à prendre pour une manipulation sans danger

Éviter le contact direct avec le produit.
La consommation de tabac, de nourriture et de boissons n'est pas permise dans les locaux de travail.

Voir la rubrique 8 «Contrôles de l'exposition/protection individuelle» pour des renseignements sur les dispositifs de protection individuelle.

7.2. Conditions d'un stockage sûr, y compris d'éventuelles incompatibilités

Les récipients ayant été ouverts doivent être refermés avec soin et maintenus en position verticale afin d'éviter les fuites.

Stocker dans un récipient avec doublure intérieure.

Les compatibilités en matière de conditionnement:

Conserver uniquement dans l'emballage d'origine.

Conditions de stockage:

Sec, frais et bien ventilé

Matières incompatibles:

Conserver uniquement dans l'emballage d'origine.

7.3. Utilisation(s) finale(s) particulière(s)

Ce produit doit être utilisé exclusivement pour les applications décrites la rubrique 1.2.

RUBRIQUE 8: CONTRÔLES DE L'EXPOSITION/PROTECTION INDIVIDUELLE

8.1. Paramètres de contrôle

peroxyde d'hydrogène ; eau oxygénée

Valeur limite (8 heures) (VLEP) (mg/m³): 1,5

Valeur limite (8 heures) (VLEP) (ppm): 1

Valeurs limites d'exposition professionnelle (VLEP) 06/2024.

DNEL

peroxyde d'hydrogène ; eau oxygénée

Durée :	Voie d'exposition :	DNEL :
Effets locaux à court terme - population globale	Inhalation	1.93 mg/m³
Effets locaux à court terme - Travailleurs	Inhalation	3 mg/m³
Effets locaux à long terme - population globale	Inhalation	0,21 mg/m³
Effets locaux à long terme - population globale	Inhalation	210 µg/m³
Effets locaux à long terme - Travailleurs	Inhalation	1.4 mg/m³

PNEC

peroxyde d'hydrogène ; eau oxygénée

Voie d'exposition :	Durée d'exposition :	PNEC :
Eau de mer		0,047 mg/L
Eau de mer		12.6 µg/L
Eau douce		0,0126 mg/L
Eau douce		12.6 µg/L
Emission intermittente (eau douce)		13.8 µg/L
Installation de traitement des eaux usées		466 mg/L
Sédiments en eau de marines		0,047 mg/L
Sédiments en eau de marines		47 µg/kg
Sédiments en eau douce		0,047 mg/kg

Sédiments en eau douce		47 µg/kg
Sol		0,023 mg/kg
Sol		1.9 µg/kg

8.2. Contrôles de l'exposition

Le respect des valeurs limites indiquées doit être contrôlé régulièrement.

Précautions générales:

La consommation de tabac, de nourriture et de boissons n'est pas permise dans les locaux de travail.

Scénarios d'exposition:

Aucun scénario d'exposition n'est mis en œuvre pour ce produit.

Limite d'exposition:

Les utilisateurs professionnels sont concernés par la législation sur l'environnement de travail qui concerne les concentrations maximales auxquelles il est permis d'être exposé. Voir les valeurs limites d'hygiène de travail indiquées ci-dessus.

Mesures techniques:

La formation de vapeur doit être minimale et rester sous les valeurs limites actuelles (voir ci-dessus). Si l'aération n'est pas suffisante dans la pièce, l'installation d'un système local de ventilation est recommandée. Assurez-vous que les douches oculaires et les douches d'urgence sont clairement indiquées.

S'assurer que les postes de rinçage oculaire et les douches de décontamination sont facilement accessibles.

Suivez les précautions habituelles quand vous utilisez le produit. Évitez de respirer les vapeurs.

Mesures d'hygiène:

Enlever les vêtements contaminés et les laver avant réutilisation.

Mesures pour la limitation de l'exposition à l'environnement:

Pas d'exigences particulières.

Mesures de protection individuelle, telles que les équipement de protection personnelle

Généralités:

Utilisez exclusivement des équipements de protection comportant la marque CE.

Équipements respiratoires:

Situation de travail	Type	Classe	Couleur	Normes	
En cas de risque de formation de brouillard/aérosol	Masque complet			EN136	

Protection de la peau:

Recommandé	Type/Catégorie	Normes	
Utilisez des vêtements de travail dédiés	-	-	

Protection des mains:

Situation de travail	Matériel	Épaisseur minimum (mm)	Délai de rupture (min.)	Normes	
En cas d'exposition prolongée ou de concentration élevée	Caoutchouc nitrile	0.4	> 480	EN374-2, EN16523-1, EN388	

Situation de travail	Matériel	Épaisseur minimum (mm)	Délai de rupture (min.)	Normes	
En cas d'exposition prolongée ou de concentration élevée	Caoutchouc butyle	0,7	> 480	EN374-2, EN16523-1, EN388, EN421	

Protection des yeux:

Type	Normes	
Porter des lunettes de sécurité avec protections latérales.	EN166	

RUBRIQUE 9: PROPRIÉTÉS PHYSIQUES ET CHIMIQUES

9.1. Informations sur les propriétés physiques et chimiques essentielles

Etat physique:

Liquide

Couleur:

Incolore

Odeur / Seuil olfactif (ppm):

Caractéristique

pH:

2.5

Densité (g/cm³):

1,1 (20 °C)

Viscosité cinématique:

Aucune information disponible.

Caractéristiques des particules:

Ne s'applique pas aux liquides.

Changement d'état

Point de fusion/point de congélation (°C):

Aucune information disponible.

Le point/l'intervalle de ramollissement (°C):

Ne s'applique pas aux liquides.

Point d'ébullition (°C):

100

Pression de vapeur:

Aucune information disponible.

Densité de vapeur relative :

Aucune information disponible.

Température de décomposition (°C):

Aucune information disponible.

Informations concernant les risques d'explosion et d'incendie

Point d'éclair (°C):

Aucune information disponible.

Inflammabilité (°C):

Aucune information disponible.

Température d'auto-inflammation (°C):

Aucune information disponible.

Limite d'explosivité (% v/v):

Aucune information disponible.

Solubilité

Solubilité dans l'eau:

Complètement soluble

n-octanol/coefficient d'eau (LogKow):

Aucune information disponible.

Solubilité dans la graisse (g/L):

Aucune information disponible.

9.2. Autres informations

D'autres paramètres physiques et chimiques:

Aucune information disponible.

Capacités oxydantes:

Aucune information disponible.

RUBRIQUE 10: STABILITÉ ET RÉACTIVITÉ

10.1. Réactivité

Aucune information disponible.

10.2. Stabilité chimique

Le produit est stable dans les conditions indiquées à la rubrique 7 (Manipulation et stockage).

10.3. Possibilité de réactions dangereuses

Aucune connue.

10.4. Conditions à éviter

Aucune connue.

10.5. Matières incompatibles

Conserver uniquement dans l'emballage d'origine.

10.6. Produits de décomposition dangereux

Dans des conditions normales de stockage et d'utilisation, aucun produit de décomposition dangereux ne doit être produit.

RUBRIQUE 11: INFORMATIONS TOXICOLOGIQUES

11.1. Informations sur les classes de danger telles que définies dans le règlement (CE) n° 1272/2008

Toxicité aiguë

Produit/composant	peroxyde d'hydrogène ; eau oxygénée
Espèce :	Rat
Voie d'exposition :	Orale
Test :	DL50
Valeur :	1.193 - 1.270 mg/L

Produit/composant	peroxyde d'hydrogène ; eau oxygénée
Espèce :	Lapin

Voie d'exposition : Cutanée
Test : DL50
Valeur : >2.000 (35% oplossing) mg/kg

Nocif en cas d'ingestion.

Corrosion cutanée/irritation cutanée

Produit/composant iT.34 laundry stainremover pro active oxygen
Valeur : Effets nocifs observés (Irritant)

Produit/composant peroxyde d'hydrogène ; eau oxygénée
Valeur : Effets nocifs observés (Irritant)

Provoque une irritation cutanée.

Lésions oculaires graves/irritation oculaire

Produit/composant iT.34 laundry stainremover pro active oxygen
Valeur : Effets nocifs observés (Provoque de graves lésions des yeux)

Produit/composant peroxyde d'hydrogène ; eau oxygénée
Valeur : Effets nocifs observés (Provoque de graves lésions des yeux)

Provoque de graves lésions des yeux.

Sensibilisation respiratoire

Produit/composant peroxyde d'hydrogène ; eau oxygénée
Valeur : Aucun effet nocif observé (pas sensibilisant)

Compte tenu des données disponibles, les critères de classification ne sont pas remplis.

Sensibilisation cutanée

Compte tenu des données disponibles, les critères de classification ne sont pas remplis.

Mutagénicité sur les cellules germinales

Compte tenu des données disponibles, les critères de classification ne sont pas remplis.

Cancérogénicité

Produit/composant peroxyde d'hydrogène ; eau oxygénée
Conclusion : Aucun effet nocif observé

Compte tenu des données disponibles, les critères de classification ne sont pas remplis.

Toxicité pour la reproduction

Produit/composant peroxyde d'hydrogène ; eau oxygénée
Conclusion : Aucun effet nocif observé

Compte tenu des données disponibles, les critères de classification ne sont pas remplis.

Toxicité spécifique pour certains organes cibles — exposition unique

Peut provoquer somnolence ou vertiges.

Toxicité spécifique pour certains organes cibles – exposition répétée

Compte tenu des données disponibles, les critères de classification ne sont pas remplis.

Danger par aspiration

Produit/composant peroxyde d'hydrogène ; eau oxygénée

Compte tenu des données disponibles, les critères de classification ne sont pas remplis.

11.2. Informations sur les autres dangers

Effets sur le long terme

Le produit contient des substances qui causent de graves lésions oculaires. Le contact avec ces substances peut provoquer des effets irréversibles sur les yeux / des lésions oculaires graves.

Propriétés perturbant le système endocrinien

Ce mélange/produit ne contient aucune substance considérée comme ayant des propriétés qui provoquent des troubles hormonaux vis-à-vis de la santé.

Autres informations

peroxyde d'hydrogène ; eau oxygénée : La substance a été classée dans le groupe 3 par le CIRC.

RUBRIQUE 12: INFORMATIONS ÉCOLOGIQUES

12.1. Toxicité

Produit/composant	peroxyde d'hydrogène ; eau oxygénée
Espèce :	Poisson, Pimephales promelas
Durée :	96 heures
Test :	CL50
Valeur :	16,4 mg/L

Produit/composant	peroxyde d'hydrogène ; eau oxygénée
Espèce :	Poisson, Leuciscus idus
Durée :	72 heures
Test :	CL50
Valeur :	35 mg/L

Produit/composant	peroxyde d'hydrogène ; eau oxygénée
Espèce :	Poisson, Oncorhynchus mykiss
Durée :	7 jours
Test :	CL50
Valeur :	38,5 mg/L

Produit/composant	peroxyde d'hydrogène ; eau oxygénée
Espèce :	Daphnia pulex
Durée :	48 heures
Test :	CE50
Valeur :	2,4 mg/L

Produit/composant	peroxyde d'hydrogène ; eau oxygénée
Espèce :	Daphnia magna
Durée :	24 heures
Test :	CE50
Valeur :	7,7 mg/L

Produit/composant	peroxyde d'hydrogène ; eau oxygénée
Espèce :	Skeletonema costatum
Durée :	72 heures
Test :	CE50
Valeur :	1,38 mg/L

Produit/composant	peroxyde d'hydrogène ; eau oxygénée
Méthode d'essai :	OCDE 209
Espèce :	Bactéries
Milieu environnemental :	Installation à boue activé
Durée :	30 minutes
Test :	CE50
Valeur :	466 mg/L

Produit/composant	peroxyde d'hydrogène ; eau oxygénée
Méthode d'essai :	OCDE 209

Espèce : Bactéries
Milieu environnemental : Installation à boue activée
Durée : 3 heures
Test : CE50
Valeur : > 1.000 mg/L

Compte tenu des données disponibles, les critères de classification ne sont pas remplis.

12.2. Persistance et dégradabilité

Produit/composant : peroxyde d'hydrogène ; eau oxygénée
Conclusion : Biodégradabilité facile

12.3. Potentiel de bioaccumulation

Produit/composant : peroxyde d'hydrogène ; eau oxygénée
LogKow : -1,57
Conclusion : -

12.4. Mobilité dans le sol

Aucune information disponible.

12.5. Résultats des évaluations PBT et vPvB

Ce mélange/produit ne contient aucune substance considérée comme répondant aux critères de classification comme PBT et/ou vPvB.

12.6. Propriétés perturbant le système endocrinien

Produit/composant : iT.34 laundry stainremover pro active oxygen
Conclusion : Aucun effet nocif observé

Ce mélange/produit ne contient pas de composants considérés comme ayant des propriétés perturbatrices du système endocrinien

12.7. Autres effets néfastes

Aucune connue.

RUBRIQUE 13: CONSIDÉRATIONS RELATIVES À L'ÉLIMINATION

13.1. Méthodes de traitement des déchets

Le produit est couvert par la réglementation sur les déchets dangereux. (*)

HP 6 - Toxicité aiguë

HP 8 - Corrosif

Éliminer le contenu/récipient conformément à la réglementation locale.

Règlement (UE) n° 1357/2014 de la Commission du 18 décembre 2014 relative aux déchets.

Code CED:

20 01 29* Détergents contenant des substances dangereuses

Emballages pollués

Les emballages avec des résidus de produit sont éliminés en suivant les mêmes règles que pour le produit lui-même.

RUBRIQUE 14: INFORMATIONS RELATIVES AU TRANSPORT

	14.1 ONU	14.2 Désignation officielle de transport	14.3 Classe(s) de danger pour le transport	14.4 PG*	14.5. Env**	Autres informations :
ADR	UN2014	PEROXYDE D'HYDROGÈNE EN SOLUTION AQUEUSE	Classe: 5.1 Étiquettes: 5.1+8 Code de classification: OC1	II	Non	Quantités limitées: 1 L

	14.1 ONU	14.2 Désignation officielle de transport	14.3 Classe(s) de danger pour le transport	14.4 PG*	14.5 Env**	Autres informations :
			 			Code de restriction en tunnels: (E) Voir ci-dessous pour plus d'informations.
IMDG	UN2014	HYDROGEN PEROXIDE, AQUEOUS SOLUTION with not less than 20% but not more than 60% hydrogen peroxide (stabilized as necessary)	Classe: 5.1 Étiquettes: 5.1+8 Code de classification: OC1  	II	Non	Quantités limitées: 1 L EmS: F-H S-Q Voir ci-dessous pour plus d'informations.
IATA	UN2014	HYDROGEN PEROXIDE, AQUEOUS SOLUTION with not less than 20% but not more than 60% hydrogen peroxide (stabilized as necessary)	Classe: 5.1 Étiquettes: 5.1+8 Code de classification: OC1  	II	Non	Voir ci-dessous pour plus d'informations.

* Groupe d'emballage

** Dangers pour l'environnement

Autre

Le produit est concerné par les conventions sur les marchandises dangereuses.

ADR / Voir tableau A, section 3.2.1 pour toute information sur les dispositions spéciales, les exigences ou les avertissements en rapport avec le transport. Voir la section 5.4.3, pour les instructions écrites concernant l'atténuation des dommages en cas d'incidents ou d'accidents pendant le transport.

IMDG / Voir section 3.2.1 pour toute information sur les dispositions spéciales, les exigences ou les avertissements en rapport avec le transport.

IATA / Voir tableau 4.2 pour toute information sur les dispositions spéciales, les exigences ou les avertissements en rapport avec le transport.

14.6. Précautions particulières à prendre par l'utilisateur

Sans objet.

14.7. Transport maritime en vrac conformément aux instruments de l'OMI

Aucune information disponible.

RUBRIQUE 15: INFORMATIONS RELATIVES À LA RÉGLEMENTATION

15.1. Réglementations/législation particulières à la substance ou au mélange en matière de sécurité, de santé et d'environnement

Limites d'utilisation:

Réservé aux utilisateurs professionnels.

Demandes de formation spécifique:

Pas d'exigences particulières.

Protection contre les accidents majeurs - Categories / Substances dangereuses désignées:

Sans objet.

Règlement relatif aux précurseurs d'explosifs:

peroxyde d'hydrogène ; eau oxygénée (Annexe I)

Étiquetage du contenu conformément au règlement (CE) no 648/2004 relatif aux détergents:

≥ 30%

· Agents de blanchiment oxygénés

Autre:

Sans objet.

Sources:

Ordonnance n° 2001-174 du 22 février 2001 relative à la transposition de la directive 94/33/CE du Conseil du 22 juin 1994 relative à la protection des jeunes au travail.

Règlement (CE) n° 648/2004 du Parlement européen et du Conseil du 31 mars 2004 relatif aux détergents.

Règlement (UE) n° 1357/2014 de la Commission du 18 décembre 2014 relative aux déchets.

Règlement (UE) 2019/1148 relatif aux précurseurs d'explosifs.

Règlement (CE) n° 1272/2008 du Parlement européen et du Conseil du 16 décembre 2008 relatif à la classification, à l'étiquetage et à l'emballage des substances et des mélanges (CLP).

Règlement (CE) n° 1907/2006 du Parlement européen et du Conseil du 18 décembre 2006 concernant l'enregistrement, l'évaluation et l'autorisation des substances chimiques, ainsi que les restrictions applicables à ces substances (REACH).

15.2. Évaluation de la sécurité chimique

Non

RUBRIQUE 16: AUTRES INFORMATIONS

Précisions sur les phrases H dont il est question dans la rubrique 3

H271, Peut provoquer un incendie ou une explosion; comburant puissant.

H302, Nocif en cas d'ingestion.

H314, Provoque de graves brûlures de la peau et de graves lésions des yeux.

H315, Provoque une irritation cutanée.

H318, Provoque de graves lésions des yeux.

H319, Provoque une sévère irritation des yeux.

H332, Nocif par inhalation.

H336, Peut provoquer somnolence ou vertiges.

Abréviations et acronymes

ADN = Accord européen relatif au transport international des marchandises Dangereuses par voie de Navigation intérieure

ADR = L'Accord européen relatif au transport international des marchandises Dangereuses par Route

CAS = Chemical Abstracts Service

CE = Conformité Européenne

CVI = Conteneurs en Vrac Intermédiaires

CLP = Règlement 1272/2008/CE relatif à la classification, à l'étiquetage et à l'emballage des substances et des mélanges

COV = Composés Organiques Volatils

CPSE = Concentration Prédite Sans Effet

CSA = Evaluation de la Sécurité Chimique

CSR = Rapport sur la Sécurité Chimique

DMEL = Dose dérivée avec effet minimum

DNEL = Dose dérivée sans effet

ds = les déchets spéciaux

EINECS = Inventaire européen des substances chimiques commerciales existantes

ETA = Estimation de la Toxicité Aiguë

EuPCS = Système européen de catégorisation des produits

FBC = Facteur de Bioconcentration

Mention EUH = mention de danger spécifique CLP

IARC = Le Centre international de Recherche sur le Cancer (CIRC)

IATA = Association Internationale du Transport Aérien

code IMDG = code maritime international des marchandises dangereuses

LogK_{ow} = Coefficient de partage octanol/eau

MARPOL = Convention internationale pour la prévention de la pollution par les navires de 1973, telle que modifiée par le Protocole de 1978. ("MARPOL" = pollution maritime)

NU = Nations Unies

OCDE = Organisation de Coopération et de Développement Economiques

PBT = Persistantes, Bioaccumulables et Toxiques

PRP = Le potentiel de réchauffement planétaire

REACH = Règlement sur l'enregistrement, l'évaluation, l'autorisation et les restrictions des substances chimiques [Règlement (CE) N° 1907/2006]

RID = Règlement concernant le transport International ferroviaire des marchandises Dangereuses

RRN = Numéro d'enregistrement REACH

sc = les autres déchets soumis à contrôle

scd = autres déchets soumis à contrôle qui nécessitent un document de suivi

SCL = Limite de concentration spécifique (LCS).

SE = Scénario d'Exposition

SGH = Système Général Harmonisé de classification et d'étiquetage des produits chimiques

SVHC = Substances extrêmement préoccupantes

TDAA = Température de décomposition auto-accélérée

vPvB = Très Persistant et très Bioaccumulable

TSOC-ER = Toxicité Spécifique pour certains Organes Cibles - Exposition Répétée

TSOC-EU = Toxicité Spécifique pour certains Organes Cibles - Exposition Unique

TWA = Moyenne pondérée dans le temps

UVBC = Substances de composition inconnue ou variable, produits de réaction complexes ou matières biologiques

Autre

La classification du mélange au regard des risques pour la santé est conforme aux méthodes de calcul fournies par le Règlement (CE) n° 1272/2008.

Validé par

Quality & Compliance

Autre

Les modifications par rapport à la dernière révision importante (premiers chiffres dans la fiche, voir rubrique 1) de cette fiche de données de sécurité sont repérées par un triangle.

Les informations de la présente fiche de données de sécurité sont seulement valables pour ce produit (indiqué à la rubrique 1) et ne sont pas nécessairement valables pour l'utilisation d'autres produits/produits chimiques.

Il est recommandé de donner cette fiche de données de sécurité à l'utilisateur effectif du produit. Les informations de ce document ne peuvent pas être utilisées comme spécification du produit.

Pays-langue : FR-fr

SAFETY DATA SHEET

iT.34 laundry stainremover pro active oxygen

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Trade name:

iT.34 laundry stainremover pro active oxygen

Unique formula identifier (UFI):

KWY8-NP0S-J88H-EC1G

1.2. Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses of the substance or mixture:

Washing and cleaning products (including solvent based products)

Restricted to professional users.

Uses advised against :

None known.

1.3. Details of the supplier of the safety data sheet

Company and address:

Hygeniq B.V.

Postbus 618

7500 AP Enschede

The Netherlands

+31 53 4282860

+31 53 5393865

www.hygeniq.com

E-mail:

info@hygeniq.com

Revision:

15/08/2025

SDS Version:

1.0

1.4. Emergency telephone number

Healthcare professionals: Dial 0344 892 0111 to reach The National Poisons Information Service (NPIS) (24 hour service)

General public:

England - Dial 111 to reach NHS 111 (24 hour service)

Scotland - Dial 111 to reach NHS 24 (24 hour service)

Wales - Dial 111 or 0845 4647 to reach NHS Direct (24 hour service)

See section 4 "First aid measures".

SECTION 2: HAZARDS IDENTIFICATION

Classified according to Regulation (EC) No. 1272/2008 (CLP) as retained and amended in UK law.

2.1. Classification of the substance or mixture

Met. Corr. 1; H290, May be corrosive to metals.
Acute Tox. 4; H302, Harmful if swallowed.
Skin Irrit. 2; H315, Causes skin irritation.
Eye Dam. 1; H318, Causes serious eye damage.
STOT SE 3; H336, May cause drowsiness or dizziness.

2.2. Label elements

Hazard pictogram(s):



Signal word:

Danger

Hazard statement(s):

May be corrosive to metals. (H290)
Harmful if swallowed. (H302)
Causes skin irritation. (H315)
Causes serious eye damage. (H318)
May cause drowsiness or dizziness. (H336)

Precautionary statement(s):

General:

Not applicable.

Prevention:

Wash hands and exposed skin thoroughly after handling. (P264)
Wear eye protection/protective gloves/protective clothing. (P280)

Response:

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.
Continue rinsing. (P305+P351+P338)
Absorb spillage to prevent material damage. (P390)

Storage:

Store in a container with a resistant inner liner. (P406)

Disposal:

Dispose of contents/container in accordance with local regulation.
(P501)

Hazardous substances:

hydrogen peroxide

Additional labelling:

UFI: KQY8-NP0S-J88H-EC1G

Labelling of contents according to Detergents Regulation (EC) No 648/2004 as retained and amended in UK law:

≥ 30%

· Oxygen-based bleaching Agents

2.3. Other hazards

Additional warnings:

This mixture/product does not contain any substances known to fulfil the criteria for PBT and vPvB classification.
This product does not contain any substances considered to be endocrine disruptors in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2023/707.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substances

Not applicable. This product is a mixture.

3.2. Mixtures

Product/substance	Identifiers	% w/w	Classification	Note
hydrogen peroxide	CAS No.: 7722-84-1 EC No.: 231-765-0 UK-REACH: Index No.: 008-003-00-9	30-50%	Ox. Liq. 1, H271 Acute Tox. 4, H302 Skin Corr. 1A, H314 (SCL: 70.00 %) Skin Corr. 1B, H314 (SCL: 50.00 %) Skin Irrit. 2, H315 (SCL: 35.00 %) Eye Dam. 1, H318 (SCL: 8.00 %) Eye Irrit. 2, H319 (SCL: 5.00 %) Acute Tox. 4, H332 STOT SE 3, H336 (SCL: 35.00 %)	

See full text of H-phrases in section 16. Occupational exposure limits are listed in section 8, if these are available.

Other information

-

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

General information:

In the case of accident: Contact a doctor or casualty department – take the label or this safety data sheet.
Contact a doctor if in doubt about the injured person's condition or if the symptoms persist. Never give an unconscious person water or other drink.

Inhalation:

Upon breathing difficulties or irritation of the respiratory tract: Bring the person into fresh air and stay with him/her.

Skin contact:

IF ON SKIN: Wash with plenty of water/water and soap.
Remove contaminated clothing and shoes. Ensure to wash exposed skin thoroughly with water and soap. DO NOT use solvents or thinners.
If skin irritation occurs: Get medical advice/attention.

Eye contact:

If in eyes: Flush eyes with plenty of water or salt water (20-30 °C) for at least 30 minutes and continue until irritation stops. Remove contact lenses. Make sure you flush under the upper and lower eyelids. Seek medical assistance immediately and continue flushing during transport.

Ingestion:

IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.

Rinse mouth.

Burns:

Not applicable.

4.2. Most important symptoms and effects, both acute and delayed

The product contains substances that cause serious eye damage. Contact with these substances can cause irreversible effects on the eye / serious eye damage.

4.3. Indication of any immediate medical attention and special treatment needed

IF exposed or concerned:

Get immediate medical advice/attention.

Information to medics

Bring this safety data sheet or the label from this product.

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Not applicable.

5.2. Special hazards arising from the substance or mixture

Fire will result in dense smoke. Exposure to combustion products may harm your health. Closed containers, which are exposed to fire, should be cooled with water. Do not allow fire-extinguishing water to enter the sewage system and nearby surface waters.

5.3. Advice for firefighters

Wear self-contained breathing apparatus and protective clothing to prevent contact. Upon direct exposure contact The National Poisons Information Service (dial 111, 24 h service) in order to obtain further advice.

Hazchem Code: 2P

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Avoid direct contact with spilled substances.

Ensure adequate ventilation, especially in confined areas.

Avoid inhalation of vapours from spilled material.

Contaminated areas may be slippery.

6.2. Environmental precautions

Avoid discharge to lakes, streams, sewers, etc.

Keep unauthorized persons away from the spill

6.3. Methods and material for containment and cleaning up

Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations.

Wherever possible cleaning should be performed with normal cleaning agents. Avoid use of solvents.

6.4. Reference to other sections

See section 13 "Disposal considerations" on handling of waste.

See section 8 "Exposure controls/personal protection" for protective measures.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Avoid direct contact with the product.

Smoking, drinking and consumption of food is not allowed in the work area.

See section 8 "Exposure controls/personal protection" for information on personal protection.

7.2. Conditions for safe storage, including any incompatibilities

Containers that have been opened must be carefully resealed and kept upright to prevent leakage.
Store in a container with a resistant inner liner.

Recommended storage material:

Keep only in original packaging.

Storage conditions:

Dry, cool and well ventilated

Incompatible materials:

Keep only in original packaging.

7.3. Specific end use(s)

This product should only be used for applications quoted in section 1.2.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

hydrogen peroxide

Long term exposure limit (8 hours) (ppm): 1

Long term exposure limit (8 hours) (mg/m³): 1,4

Short term exposure limit (15 minutes) (ppm): 2

Short term exposure limit (15 minutes) (mg/m³): 2,8

The Control of Substances Hazardous to Health Regulations 2002. SI 2002/2677 The Stationery Office 2002.
EH40/2005 Workplace exposure limits (Fourth Edition 2020).

DNEL

hydrogen peroxide

Duration:	Route of exposure:	DNEL:
Long term – Local effects - General population	Inhalation	0,21 mg/m ³
Long term – Local effects - General population	Inhalation	210 µg/m ³
Long term – Local effects - Workers	Inhalation	1.4 mg/m ³
Short term – Local effects - General population	Inhalation	1.93 mg/m ³
Short term – Local effects - Workers	Inhalation	3 mg/m ³

PNEC

hydrogen peroxide

Route of exposure:	Duration of Exposure:	PNEC:
Freshwater		0,0126 mg/L
Freshwater		12.6 µg/L
Freshwater sediment		0,047 mg/kg
Freshwater sediment		47 µg/kg
Intermittent release (freshwater)		13.8 µg/L
Marine water		0,047 mg/L
Marine water		12.6 µg/L
Marine water sediment		0,047 mg/L

According to REACH Regulation (EC) No 1907/2006, as retained and amended by SI 2019/758 and SI 2020/1577

Marine water sediment		47 µg/kg
Sewage treatment plant		466 mg/L
Soil		0,023 mg/kg
Soil		1.9 µg/kg

8.2. Exposure controls

Compliance with the given occupational exposure limits values should be controlled on a regular basis.

General recommendations:

Smoking, drinking and consumption of food is not allowed in the work area.

Exposure scenarios:

There are no exposure scenarios implemented for this product.

Exposure limits:

Professional users are subjected to the legally set maximum concentrations for occupational exposure. See occupational hygiene limit values above.

Appropriate technical measures:

The formation of vapours must be kept at a minimum and below current limit values (see above). Installation of a local exhaust system if normal air flow in the work room is not sufficient is recommended. Ensure eyewash and emergency showers are clearly marked.

Ensure that eyewash stations and safety showers are located within easy reach.

Apply standard precautions during use of the product. Avoid inhalation of vapours.

Hygiene measures:

Take off contaminated clothing and wash it before reuse.

Measures to avoid environmental exposure:

No specific requirements.

Individual protection measures, such as personal protective equipment

Generally:

Use only UKCA marked protective equipment.

Respiratory Equipment:

Work situation	Type	Class	Colour	Standards	
When there is risk of formation of mist/aerosol	Full mask			EN136	

Skin protection:

Recommended	Type/Category	Standards	
Dedicated work clothing should be worn.	-	-	

Hand protection:

Work situation	Material	Glove thickness (mm)	Breakthrough time (min.)	Standards	
In the event of prolonged exposure or high concentrations	Nitrile	0.4	> 480	EN374-2, EN16523-1, EN388	

Work situation	Material	Glove thickness (mm)	Breakthrough time (min.)	Standards	
In the event of prolonged exposure or high concentrations	Butyl	0,7	> 480	EN374-2, EN16523-1, EN388, EN421	

Eye protection:

Type	Standards	
Safety glasses with side shields.	EN166	

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Physical state:

Liquid

Colour:

Colourless

Odour / Odour threshold:

Characteristic

pH:

2.5

Density (g/cm³):

1.1 (20 °C)

Kinematic viscosity:

No data available.

Particle characteristics:

Does not apply to liquids.

Phase changes

Melting point/Freezing point (°C):

No data available.

Softening point/range (°C):

Does not apply to liquids.

Boiling point (°C):

100

Vapour pressure:

No data available.

Relative vapour density:

No data available.

Decomposition temperature (°C):

No data available.

Data on fire and explosion hazards

Flash point (°C):

No data available.

Flammability (°C):

No data available.

Auto-ignition temperature (°C):

No data available.

Lower and upper explosion limit (% v/v):

No data available.

Solubility

Solubility in water:

Completely soluble

n-octanol/water coefficient (LogKow):

No data available.

Solubility in fat (g/L):

No data available.

9.2. Other information

Oxidizing properties:

No data available.

Other physical and chemical parameters:

No data available.

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

No data available.

10.2. Chemical stability

The product is stable under the conditions, noted in section 7 "Handling and storage".

10.3. Possibility of hazardous reactions

None known.

10.4. Conditions to avoid

None known.

10.5. Incompatible materials

Keep only in original packaging.

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008 as retained and amended in UK law

Acute toxicity

Product/substance	hydrogen peroxide
Species:	Rat
Route of exposure:	Oral
Test:	LD50
Result:	1.193 - 1.270 mg/L

Product/substance	hydrogen peroxide
Species:	Rabbit

According to REACH Regulation (EC) No 1907/2006, as retained and amended by SI 2019/758 and SI 2020/1577

Route of exposure: Dermal
Test: LD50
Result: >2.000 (35% oplossing) mg/kg

Harmful if swallowed.

Skin corrosion/irritation

Product/substance iT.34 laundry stainremover pro active oxygen
Result: Adverse effect observed (Irritating)

Product/substance hydrogen peroxide
Result: Adverse effect observed (Irritating)

Causes skin irritation.

Serious eye damage/irritation

Product/substance iT.34 laundry stainremover pro active oxygen
Result: Adverse effect observed (Causes serious eye damage)

Product/substance hydrogen peroxide
Result: Adverse effect observed (Causes serious eye damage)

Causes serious eye damage.

Respiratory sensitisation

Product/substance hydrogen peroxide
Result: No adverse effect observed (not sensitising)

Based on available data, the classification criteria are not met.

Skin sensitisation

Based on available data, the classification criteria are not met.

Germ cell mutagenicity

Based on available data, the classification criteria are not met.

Carcinogenicity

Product/substance hydrogen peroxide
Conclusion: No adverse effect observed

Based on available data, the classification criteria are not met.

Reproductive toxicity

Product/substance hydrogen peroxide
Conclusion: No adverse effect observed

Based on available data, the classification criteria are not met.

STOT-single exposure

May cause drowsiness or dizziness.

STOT-repeated exposure

Based on available data, the classification criteria are not met.

Aspiration hazard

Product/substance hydrogen peroxide
Based on available data, the classification criteria are not met.

11.2. Information on other hazards

Long term effects

The product contains substances that cause serious eye damage. Contact with these substances can cause irreversible effects on the eye / serious eye damage.

Endocrine disrupting properties

This mixture/product does not contain any substances known to have hormone-disrupting properties in relation to health.

Other information

hydrogen peroxide has been classified by IARC as a group 3 carcinogen.

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Product/substance	hydrogen peroxide
Species:	Fish, Pimephales promelas
Duration:	96 hours
Test:	LC50
Result:	16,4 mg/L

Product/substance	hydrogen peroxide
Species:	Fish, Leuciscus idus
Duration:	72 hours
Test:	LC50
Result:	35 mg/L

Product/substance	hydrogen peroxide
Species:	Fish, Oncorhynchus mykiss
Duration:	7 days
Test:	LC50
Result:	38,5 mg/L

Product/substance	hydrogen peroxide
Species:	Daphnia pulex
Duration:	48 hours
Test:	EC50
Result:	2,4 mg/L

Product/substance	hydrogen peroxide
Species:	Daphnia magna
Duration:	24 hours
Test:	EC50
Result:	7,7 mg/L

Product/substance	hydrogen peroxide
Species:	Skeletonema costatum
Duration:	72 hours
Test:	EC50
Result:	1,38 mg/L

Product/substance	hydrogen peroxide
Test method:	OECD 209
Species:	Bacteria
Compartment:	Activated Sludge Plant
Duration:	30 minutes
Test:	EC50
Result:	466 mg/L

Product/substance	hydrogen peroxide
Test method:	OECD 209

According to REACH Regulation (EC) No 1907/2006, as retained and amended by SI 2019/758 and SI 2020/1577

Species: Bacteria
Compartment: Activated Sludge Plant
Duration: 3 hours
Test: EC50
Result: > 1.000 mg/L

Based on available data, the classification criteria are not met.

12.2. Persistence and degradability

Product/substance: hydrogen peroxide
Conclusion: Readily biodegradable

12.3. Bioaccumulative potential

Product/substance: hydrogen peroxide
LogKow: -1,57
Conclusion: -

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

This mixture/product does not contain any substances known to fulfil the criteria for PBT and vPvB classification.

12.6. Endocrine disrupting properties

Product/substance: iT.34 laundry stainremover pro active oxygen
Conclusion: No adverse effect observed

This mixture/product does not contain any substances considered to have endocrine-disrupting properties in relation to the environment.

12.7. Other adverse effects

None known.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste treatment methods

Product is covered by the regulations on hazardous waste. (*)

HP 6 - Acute toxicity

HP 8 - Corrosive

Dispose of contents/container to an approved waste disposal plant.

Regulation (EU) No 1357/2014 of 18 December 2014 on waste as retained and amended in UK law.

EWC code

20 01 29* Detergents containing dangerous substances

Specific labelling

Contaminated packing

Packaging containing residues of the product must be disposed of similarly to the product.

SECTION 14: TRANSPORT INFORMATION

	14.1 UN / ID	14.2 UN proper shipping name	14.3 Hazard class(es)	14.4 PG*	14.5 Env**	Other information:
ADR	UN2014	HYDROGEN PEROXIDE, AQUEOUS SOLUTION with not less than 20% but	Transport hazard class: 5.1 Label: 5.1+8 Classification code: OC1	II	No	Limited quantities: 1 L

According to REACH Regulation (EC) No 1907/2006, as retained and amended by SI 2019/758 and SI 2020/1577

	14.1 UN / ID	14.2 UN proper shipping name	14.3 Hazard class(es)	14.4 PG*	14.5 Env**	Other informatio n:
		not more than 60% hydrogen peroxide (stabilized as necessary)	 			Tunnel restriction code: (E) See below for additional information.
IMDG	UN2014	HYDROGEN PEROXIDE, AQUEOUS SOLUTION with not less than 20% but not more than 60% hydrogen peroxide (stabilized as necessary)	Transport hazard class: 5.1 Label: 5.1+8 Classification code: OC1  	II	No	Limited quantities: 1 L EmS: F-H S-Q See below for additional information.
IATA	UN2014	HYDROGEN PEROXIDE, AQUEOUS SOLUTION with not less than 20% but not more than 60% hydrogen peroxide (stabilized as necessary)	Transport hazard class: 5.1 Label: 5.1+8 Classification code: OC1  	II	No	See below for additional information.

* Packing group

** Environmental hazards

Additional information

This product is within scope of the regulations of transport of dangerous goods.

ADR / See Table A, section 3.2.1 for any information on special provisions, requirements, or warnings in connection with transport. See section 5.4.3, for instructions in writing regarding mitigation of damages in relation to incidents or accidents during transport.

IMDG / See section 3.2.1, for any information on special provisions, requirements, or warnings in connection with transport.

IATA / See Table 4.2 for any information on special provisions, requirements, or warnings in connection with transport.
Hazchem Code: 2P

14.6. Special precautions for user

Not applicable.

14.7. Maritime transport in bulk according to IMO instruments

No data available.

SECTION 15: REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Restrictions for application:

Restricted to professional users.

Demands for specific education:

No specific requirements.

Control of Major Accident Hazards (COMAH) - Categories / dangerous substances:

Not applicable.

Regulation on explosives precursors:

hydrogen peroxide (Annex I)

Labelling of contents according to Detergents Regulation (EC) No 648/2004 as retained and amended in UK law:

≥ 30%

· Oxygen-based bleaching Agents

Additional information:

Not applicable.

Sources:

The Management of Health and Safety at Work Regulations 1999.

Regulation (EC) No 648/2004 on detergents as retained and amended in UK law.

Regulation (EU) No 1357/2014 of 18 December 2014 on waste as retained and amended in UK law.

Council Regulation (EC) No 2019/1148 on explosives precursors as retained and amended in UK law.

Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures (CLP) as retained and amended in UK law.

Regulation (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) as retained and amended in UK law.

15.2. Chemical safety assessment

No

SECTION 16: OTHER INFORMATION

Full text of H-phrases as mentioned in section 3

H271, May cause fire or explosion; strong oxidiser.

H302, Harmful if swallowed.

H314, Causes severe skin burns and eye damage.

H315, Causes skin irritation.

H318, Causes serious eye damage.

H319, Causes serious eye irritation.

H332, Harmful if inhaled.

H336, May cause drowsiness or dizziness.

Abbreviations and acronyms

ADN = European Provisions concerning the International Carriage of Dangerous Goods by Inland Waterway

ADR = The European Agreement concerning the International Carriage of Dangerous Goods by Road

ATE = Acute Toxicity Estimate

BCF = Bioconcentration Factor

CAS = Chemical Abstracts Service

CE = Conformité Européenne (European conformity)

CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]

CSA = Chemical Safety Assessment

CSR = Chemical Safety Report

DMEL = Derived Minimal Effect Level

DNEL = Derived No Effect Level

EINECS = European Inventory of Existing Commercial chemical Substances

ES = Exposure Scenario

EUH statement = CLP-specific Hazard statement

EuPCS = European Product Categorisation System

EWC = European Waste Catalogue

GHS = Globally Harmonized System of Classification and Labelling of Chemicals

GWP = Global warming potential

IARC = International Agency for Research on Cancer (IARC)
IATA = International Air Transport Association
IBC = Intermediate Bulk Container
IMDG = International Maritime Dangerous Goods
LogPow = logarithm of the octanol/water partition coefficient
MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)
OECD = Organisation for Economic Co-operation and Development
PBT = Persistent, Bioaccumulative and Toxic
PNEC = Predicted No Effect Concentration
RID = The Regulations concerning the International Carriage of Dangerous Goods by Rail
RRN = REACH Registration Number
SCL = A specific concentration limit
SVHC = Substances of Very High Concern
STOT-RE = Specific Target Organ Toxicity - Repeated Exposure
STOT-SE = Specific Target Organ Toxicity - Single Exposure
TWA = Time weighted average
UN = United Nations
UVBC = Unknown or variable composition, complex reaction products or of biological materials
VOC = Volatile Organic Compound
vPvB = Very Persistent and Very Bioaccumulative

Additional information

The classification of the substance/mixture in regard of health hazards are in accordance with the calculation methods given by Regulation (EC) No. 1272/2008 (CLP) as retained and amended in UK law.

The safety data sheet is validated by

Quality & Compliance

Other

A change (in proportion to the last essential change (first cipher in SDS version, see section 1)) is marked with a triangle.

The information in this safety data sheet applies only to this specific product (mentioned in section 1) and is not necessarily correct for use with other chemicals/products.

It is recommended to hand over this safety data sheet to the actual user of the product. Information in this safety data sheet cannot be used as a product specification.

Country-language: GB-en

ΔΕΛΤΙΟ ΔΕΔΟΜΕΝΩΝ ΑΣΦΑΛΕΙΑΣ

iT.34 laundry stainremover pro active oxygen

ΤΜΗΜΑ 1: ΑΝΑΓΝΩΡΙΣΤΙΚΌΣ ΚΩΔΙΚΌΣ ΟΥΣΊΑΣ/ΜΕΊΓΜΑΤΟΣ ΚΑΙ ΕΠΙΧΕΊΡΗΣΗΣ

1.1. Αναγνωριστικός κωδικός προϊόντος

Εμπορική ονομασία:

iT.34 laundry stainremover pro active oxygen

Μοναδικό κωδικό ταυτοποίησης τύπου (UFI):

KWY8-NP0S-J88H-EC1G

1.2. Συναφείς προσδιοριζόμενες χρήσεις της ουσίας ή του μείγματος και αντενδεικνυόμενες χρήσεις

Αντίστοιχες εξακριβωμένες χρήσεις της ουσίας ή του μίγματος:

Απορρυπαντικά και καθαριστικά (συμπεριλαμβανομένων των διαλυτικών)

Μόνο για επαγγελματική χρήση.

Αντενδεικνυόμενες:

καμία γνωστή.

1.3. Στοιχεία του προμηθευτή του δελτίου δεδομένων ασφαλείας

Εταιρεία και διεύθυνση:

Hygeniq B.V.

Postbus 618

7500 AP Enschede

The Netherlands

+31 53 4282860

+31 53 5393865

www.hygeniq.com

Ηλεκτρονική διεύθυνση:

info@hygeniq.com

Αναθεώρηση:

15/8/2025

Έκδοση SDS:

1.0

1.4. Αριθμός τηλεφώνου επείγουσας ανάγκης

Τηλ. Κέντρου Δηλητηριάσεων: (+30) 210 7793777 (24ωρο, 7 ημέρες την εβδομάδα) / Email:

poison_ic@aglaiaakyriakou.gr

Δείτε τμήμα 4 "Μέτρα πρώτων βοηθειών"

ΤΜΗΜΑ 2: ΠΡΟΣΔΙΟΡΙΣΜΌΣ ΕΠΙΚΙΝΔΥΝΌΤΗΤΑΣ

Ταξινομημένη σύμφωνα με τον Κανονισμό (ΕΚ) Νο. 1272/2008 (CLP)

2.1. Ταξινόμηση της ουσίας ή του μείγματος

Met. Corr. 1; H290, Μπορεί να διαβρώσει μέταλλα.

Acute Tox. 4; H302, Επιβλαβές σε περίπτωση κατάποσης.

Skin Irrit. 2; H315, Προκαλεί ερεθισμό του δέρματος.
Eye Dam. 1; H318, Προκαλεί σοβαρή οφθαλμική βλάβη.
STOT SE 3; H336, Μπορεί να προκαλέσει υπνηλία ή ζάλη.

2.2. Στοιχεία ετικέτας

Εικονόγραμμα/εικονογράμματα κινδύνου:



Προειδοποιητική λέξη:
Κίνδυνος

Δήλωση (Δηλώσεις) κινδύνου:

Μπορεί να διαβρώσει μέταλλα. (H290)
Επιβλαβές σε περίπτωση κατάποσης. (H302)
Προκαλεί ερεθισμό του δέρματος. (H315)
Προκαλεί σοβαρή οφθαλμική βλάβη. (H318)
Μπορεί να προκαλέσει υπνηλία ή ζάλη. (H336)

Δήλωση/δηλώσεις προφυλάξεων:

Γενικά:

Δεν εφαρμόζεται

Πρόληψη:

Πλύνετε χέρια και εκτεθειμένο δέρμα σχολαστικά μετά το χειρισμό. (P264)
Να φοράτε προστασία ματιών/προστατευτικά γάντια/προστατευτική ενδυμασία. (P280)

Αντίδραση:

ΣΕ ΠΕΡΙΠΤΩΣΗ ΕΠΑΦΗΣ ΜΕ ΤΑ ΜΑΤΙΑ: Ξεπλύνετε προσεκτικά με νερό για αρκετά λεπτά. Αν υπάρχουν φακοί επαφής, αφαιρέστε τους, αν είναι εύκολο. Συνεχίστε να ξεπλένετε. (P305+P351+P338)
Σκουπίστε τη χυμένη ποσότητα για να προλάβετε υλικές ζημιές. (P390)

Αποθήκευση:

Αποθηκεύεται σε περιέκτη με ανθεκτική εσωτερική επένδυση. (P406)

Απόρριψη:

Διάθεση του περιεχομένου/περιέκτη σε σύμφωνα με τους τοπικούς κανονισμούς (P501)

Ταυτότητα των ουσιών που είναι πρωταρχικά υπεύθυνες για τους μείζονες κινδύνους για την υγεία:

διάλυμα υπεροξειδίου του υδρογόνου 35%

Επιπρόσθετος χαρακτηρισμός:

UFI: KWW8-NP0S-J88H-EC1G

Σήμανση περιεχομένου σύμφωνα με τον κανονισμό περί απορρυπαντικών 648/2004 (ισχύει για τις συσκευασίες απορρυπαντικών που πωλούνται στο ευρύ κοινό):

≥ 30%

· Λευκαντικοί παράγοντες με βάση το οξυγόνο

2.3. Άλλοι κίνδυνοι

Επιπρόσθετες προειδοποιήσεις:

Αυτό το μείγμα/προϊόν δεν περιέχει ουσίες που θεωρείται ότι πληρούν τα κριτήρια ταξινόμησης τους ως ABT και/ή aAaB.

Το προϊόν δεν περιέχει ουσίες που αξιολογούνται ως ενδοκρινικοί διαταράκτες σύμφωνα με τα κριτήρια του κατ' εξουσιοδότηση κανονισμού (ΕΕ) 2017/2100 της Επιτροπής ή του κανονισμού (ΕΕ) 2023/707 της Επιτροπής.

ΤΜΗΜΑ 3: ΣΥΝΘΕΣΗ/ΠΛΗΡΟΦΟΡΊΕΣ ΓΙΑ ΤΑ ΣΥΣΤΑΤΙΚΆ

3.1. Ουσίες

Δεν εφαρμόζεται. Αυτό το προϊόν είναι ένα μείγμα.

3.2. Μείγματα

Όνομα ουσίας	Αναγνωριστικοί κωδικοί	% w/w	Ταξινόμηση	Σημειώσεις
διάλυμα υπεροξειδίου του υδρογόνου 35%	Αριθ. CAS.: 7722-84-1 Αριθ. ΕΚ: 231-765-0 REACH: 01-2119485845-22-XXXX Αριθ. ευρετηρίου: 008-003-00-9	30-50%	Ox. Liq. 1, H271 Acute Tox. 4, H302 Skin Corr. 1A, H314 (SCL: 70,00 %) Skin Corr. 1B, H314 (SCL: 50,00 %) Skin Irrit. 2, H315 (SCL: 35,00 %) Eye Dam. 1, H318 (SCL: 8,00 %) Eye Irrit. 2, H319 (SCL: 5,00 %) Acute Tox. 4, H332 STOT SE 3, H336 (SCL: 35,00 %)	

Δείτε το πλήρες κείμενο των Δηλώσεων κινδύνων (H Statements) στο τμήμα 16. Τα όρια έκθεσης στο χώρο εργασίας παρατίθενται στο τμήμα 8, εφόσον είναι διαθέσιμα.

Άλλες πληροφορίες

-

ΤΜΗΜΑ 4: ΜΈΤΡΑ ΠΡΏΤΩΝ ΒΟΗΘΕΊΩΝ

4.1. Περιγραφή των μέτρων πρώτων βοηθειών

Γενικές πληροφορίες:

Σε περίπτωση ατυχήματος: Επικοινωνήστε με έναν γιατρό ή με τις πρώτες βοήθειες και έχετε μαζί σας την ετικέτα ή αυτό το δελτίο δεδομένων ασφαλείας.

Επικοινωνήστε με έναν γιατρό εάν έχετε αμφιβολίες για την κατάσταση του τραυματία ή εάν τα συμπτώματα επιμένουν. Μην δίνετε ποτέ νερό ή άλλο υγρό σε αναισθητο άτομο.

Εισπνοή:

Σε περίπτωση δυσκολιών ή ερεθισμών της αναπνευστικής οδού: Μεταφέρετε το επηρεασμένο άτομο στον καθαρό αέρα και παραμείνετε μαζί του/της.

Επαφή με το δέρμα:

ΣΕ ΠΕΡΙΠΤΩΣΗ ΕΠΑΦΗΣ ΜΕ ΤΟ ΔΕΡΜΑ: Πλύντε με άφθονο νερό/νερό και σαπούνι.

Αφαιρέστε το μολυσμένο ρουχισμό και τα υποδήματα. Βεβαιωθείτε ότι η περιοχή του δέρματος που έχει εκτεθεί στο υλικό, έχει πλυθεί καλά με νερό και σαπούνι. ΜΗΝ χρησιμοποιείτε διαλύτες ή διαλυτικά μέσα.

Εάν παρατηρηθεί ερεθισμός του δέρματος: Συμβουλευθείτε/Επισκεφθείτε γιατρό.

Επαφή με τα μάτια:

ΣΕ ΠΕΡΙΠΤΩΣΗ ΕΠΑΦΗΣ ΜΕ ΤΑ ΜΑΤΙΑ: Ξεπλύνετε τα μάτια με άφθονο νερό ή αλατόνερο (20-30 °C) για τουλάχιστον 15 λεπτά και συνεχίστε μέχρι να σταματήσει ο ερεθισμός. Αφαιρέστε τυχόν φακούς επαφής. Βεβαιωθείτε ότι έχετε ξεπλύνει κάτω από τα άνω και κάτω βλέφαρα. Ζητήστε αμέσως ιατρική βοήθεια και συνεχίστε να ξεπλένετε κατά τη μεταφορά.

Κατάποση:

ΣΕ ΠΕΡΙΠΤΩΣΗ ΚΑΤΑΠΟΣΗΣ: Καλέστε το ΚΕΝΤΡΟ ΔΗΛΗΤΗΡΙΑΣΕΩΝ/γιατρό, αν αισθανθείτε αδιαθεσία. Ξεπλύνετε το στόμα.

Εγκαύματα:

Δεν εφαρμόζεται

4.2. Σημαντικότερα συμπτώματα και επιδράσεις, άμεσες ή μεταγενέστερες

Το προϊόν περιέχει ουσίες που προκαλούν σοβαρή βλάβη στα μάτια. Η επαφή με αυτές τις ουσίες μπορεί να προκαλέσει μη αναστρέψιμες επιπτώσεις στα μάτια / σοβαρή οφθαλμική βλάβη.

4.3. Ένδειξη οιασδήποτε απαιτούμενης άμεσης ιατρικής φροντίδας και ειδικής θεραπείας

ΣΕ ΠΕΡΙΠΤΩΣΗ έκθεσης ή πιθανής έκθεσης:

Συμβουλευθείτε/Επισκεφθείτε αμέσως γιατρό.

Ιατρικές πληροφορίες

Έχετε διαθέσιμο το δελτίο δεδομένων ασφαλείας ή την ετικέτα του προϊόντος.

ΤΜΗΜΑ 5: ΜΈΤΡΑ ΓΙΑ ΤΗΝ ΚΑΤΑΠΟΛΈΜΗΣΗ ΤΗΣ ΠΥΡΚΑΓΊΑΣ

5.1. Πυροσβεστικά μέσα

Δεν εφαρμόζεται

5.2. Ειδικοί κίνδυνοι που προκύπτουν από την ουσία ή το μείγμα

Η πυρκαγιά θα έχει ως αποτέλεσμα πυκνό καπνό. Η έκθεση σε προϊόντα καύσης μπορεί να βλάψει την υγεία σας. Οι κλειστοί περιέκτες που εκτίθενται στη φωτιά, πρέπει να ψύχονται με νερό. Μην επιτρέπετε στο νερό κατάσβεσης να εισχωρεί στο αποχετευτικό σύστημα και στα κοντινά επιφανειακά νερά.

5.3. Συστάσεις για τους πυροσβέστες

Φοράτε αυτόνομη αναπνευστική συσκευή και προστατευτικό ρουχισμό για να αποφύγετε την επαφή. Σε περίπτωση άμεσης έκθεσης επικοινωνήστε με το Εθνικό Κέντρο Δηλητηριάσεων για να λάβετε περαιτέρω συμβουλές.

ΤΜΗΜΑ 6: ΜΈΤΡΑ ΓΙΑ ΤΗΝ ΑΝΤΙΜΕΤΏΠΙΣΗ ΤΥΧΑΊΑΣ ΈΚΛΥΣΗΣ

6.1. Προσωπικές προφυλάξεις, προστατευτικός εξοπλισμός και διαδικασίες έκτακτης ανάγκης

Αποφύγετε απευθείας επαφή με τις ουσίες έκχυσης.

Εξασφαλίστε επαρκή αερισμό, ειδικά σε περιορισμένους χώρους.

Αποφύγετε την εισπνοή ατμών από το χυμένο υλικό.

Οι μολυσμένες περιοχές μπορεί να είναι ολισθηρές.

6.2. Περιβαλλοντικές προφυλάξεις

Αποφύγετε την απόρριψη σε λίμνες, ρυάκια, υπονόμους κλπ.

Κρατήστε τα μη εξουσιοδοτημένα άτομα μακριά από τη στάλαγμα

6.3. Μέθοδοι και υλικά για περιορισμό και καθαρισμό

Οι διαρροές περιορίζονται και συλλέγονται με μη εύφλεκτο απορροφητικό υλικό, π.χ. άμμος, χώμα, βερμικουλίτης, γη διατόμων και τοποθετούνται σε δοχείο και απορρίπτονται σύμφωνα με τους ισχύοντες κανονισμούς.

Στο μέτρο του δυνατού, ο καθαρισμός πραγματοποιείται με κανονικά καθαριστικά. Αποφύγετε τη χρήση διαλυτών.

6.4. Παραπομπή σε άλλα τμήματα

Δείτε στο τμήμα 13 "Στοιχεία σχετικά με τη διάθεση" όσον αφορά το χειρισμό των αποβλήτων.

Δείτε στο τμήμα 8 «Έλεγχος έκθεσης/ατομική προστασία» για πληροφορίες σχετικά με τα προστατευτικά μέτρα.

ΤΜΗΜΑ 7: ΧΕΙΡΙΣΜΌΣ ΚΑΙ ΑΠΟΘΉΚΕΥΣΗ

7.1. Προφυλάξεις για ασφαλή χειρισμό

Αποφύγετε απευθείας επαφή με το προϊόν.

Δεν επιτρέπεται το κάπνισμα, το ποτό και η κατανάλωση φαγητού στον χώρο εργασίας.

Δείτε στο τμήμα 8 «Έλεγχος έκθεσης/ατομική προστασία» για πληροφορίες σχετικά με την προσωπική προστασία.

7.2. Συνθήκες για την ασφαλή φύλαξη, συμπεριλαμβανομένων τυχόν ασυμβίβαστων

Τα δοχεία που έχουν ανοιχτεί πρέπει να επανασφραγίζονται προσεκτικά και να διατηρούνται σε όρθια θέση για να αποφευχθεί η διαρροή.

Αποθηκεύεται σε περιέκτη με ανθεκτική εσωτερική επένδυση.

Απαιτήσεις συσκευασίας:

Να διατηρείται μόνο στην αρχική συσκευασία.

Συνθήκες αποθήκευσης:

Ξηρό, δροσερό και με καλό αερισμό

Μη συμβατά υλικά:

Να διατηρείται μόνο στην αρχική συσκευασία.

7.3. Ειδική τελική χρήση ή χρήσεις

Αυτό το προϊόν πρέπει να χρησιμοποιείται μόνο για εφαρμογές που αναφέρονται στο τμήμα 1.2.

ΤΜΗΜΑ 8: ΈΛΕΓΧΟΣ ΤΗΣ ΈΚΘΕΣΗΣ/ΑΤΟΜΙΚΉ ΠΡΟΣΤΑΣΊΑ

8.1. Παράμετροι ελέγχου

διάλυμα υπεροξειδίου του υδρογόνου 35%

Όριο μακροχρόνιας έκθεσης (8 ώρες) (ppm): 1

Όριο μακροχρόνιας έκθεσης (8 ώρες) (mg/m³): 1,4

Ανώτατη Οριακή Τιμή έκθεσης (δεκαπεντάλεπτης περιόδου) (mg/m³): 3

ΟΡΙΑΚΕΣ ΤΙΜΕΣ ΕΚΘΕΣΗΣ ΧΗΜΙΚΩΝ ΠΑΡΑΓΟΝΤΩΝ & ΔΕΙΚΤΕΣ ΒΙΟΛΟΓΙΚΗΣ ΕΚΘΕΣΗΣ ΣΕ ΧΗΜΙΚΟΥΣ ΠΑΡΑΓΟΝΤΕΣ 2019 (Ελληνική νομοθεσία).

DNEL (Παράγωγο επίπεδο χωρίς επιπτώσεις)

διάλυμα υπεροξειδίου του υδρογόνου 35%

Διάρκεια:	Οδός έκθεσης:	DNEL:
Βραχυπρόθεσμα - Τοπικές επιδράσεις - Γενικός πληθυσμός	Εισπνοή	1.93 mg/m ³
Βραχυπρόθεσμα - Τοπικές επιδράσεις - Υπάλληλοι	Εισπνοή	3 mg/m ³
Μακροπρόθεσμα - Τοπικές επιδράσεις - Γενικός πληθυσμός	Εισπνοή	0,21 mg/m ³
Μακροπρόθεσμα - Τοπικές επιδράσεις - Γενικός πληθυσμός	Εισπνοή	210 µg/m ³
Μακροπρόθεσμα - Τοπικές επιδράσεις - Υπάλληλοι	Εισπνοή	1.4 mg/m ³

PNEC (Προβλεπόμενη συγκέντρωση χωρίς επιπτώσεις)

διάλυμα υπεροξειδίου του υδρογόνου 35%

Οδός έκθεσης:	Διάρκεια Έκθεσης:	PNEC:
Γλυκό νερό		0,0126 mg/L
Γλυκό νερό		12.6 µg/L
Θαλασσινό νερό		0,047 mg/L
Θαλασσινό νερό		12.6 µg/L
Ίζημα γλυκού νερού		0,047 mg/kg
Ίζημα γλυκού νερού		47 µg/kg
Ίζημα θαλασσινού νερού		0,047 mg/L
Ίζημα θαλασσινού νερού		47 µg/kg
Περιοδική απελευθέρωση (Γλυκό νερό)		13.8 µg/L
Σταθμός Ενεργού Ιλύος		466 mg/L

Χώμα		0,023 mg/kg
Χώμα		1.9 µg/kg

8.2. Έλεγχοι έκθεσης

Η συμμόρφωση με τις ισχύουσες οριακές τιμές επαγγελματικής έκθεσης θα πρέπει να ελέγχεται σε τακτική βάση.

Γενικές συστάσεις:

Δεν επιτρέπεται το κάπνισμα, το ποτό και η κατανάλωση φαγητού στον χώρο εργασίας.

Σενάρια έκθεσης:

Δεν εφαρμόζονται τα σενάρια έκθεσης για αυτό το προϊόν.

Όρια έκθεσης:

Οι επαγγελματίες χρήστες υπόκεινται στις νομικά καθορισμένες μέγιστες συγκεντρώσεις επαγγελματικής έκθεσης. Δείτε παραπάνω τις οριακές τιμές υγιεινής της εργασίας.

Κατάλληλα τεχνικά μέτρα:

Ο σχηματισμός ατμών πρέπει να διατηρείται στο ελάχιστο και κάτω από τις ισχύουσες οριακές τιμές (βλ. παραπάνω). Συνιστάται η εγκατάσταση τοπικού συστήματος εξάτμισης εάν η κανονική ροή αέρα στο χώρο εργασίας δεν είναι επαρκής. Βεβαιωθείτε ότι το πλύσιμο ματιών έκτακτης ανάγκης και τα ντους είναι ευδιάκριτα. Βεβαιωθείτε ότι οι σταθμοί πλύσης ματιών και τα ντους ασφαλείας βρίσκονται σε κοντινή απόσταση. Εφαρμόστε τυπικές προφυλάξεις κατά τη χρήση του προϊόντος. Αποφύγετε την εισπνοή ατμών.

Μέτρα υγιεινής:

Βγάλτε τα μολυσμένα ρούχα και πλύντε τα πριν τα ξαναχρησιμοποιήσετε.

Μέτρα προς αποφυγή περιβαλλοντικής έκθεσης:

Δεν υπάρχουν συγκεκριμένες απαιτήσεις

Ξεχωριστά μέτρα προστασίας όπως ατομικός προστατευτικός εξοπλισμός

Γενικά:

Χρησιμοποιείτε μόνο προστατευτικό εξοπλισμό με σήμανση CE.

Αναπνευστική συσκευή:

Κατάσταση εργασίας	Τύπος	Κατηγορία	Χρώμα	Πρότυπα	
Όταν υπάρχει κίνδυνος σχηματισμού νέφους/αερολύματος	ολόκληρη μάσκα			EN136	

Προστασία του δέρματος:

Συστήνεται	Τύπου/Κατηγορίας	Πρότυπα	
Πρέπει να γίνεται χρήση ειδικού ρουχισμού εργασίας	-	-	

Προστασία των χεριών:

Κατάσταση εργασίας	Υλικό γαντιών	Πάχος γαντιών (mm)	Χρόνοι αντοχής (λεπτά)	Πρότυπα	
Σε περίπτωση παρατεταμένης έκθεσης ή υψηλών συγκεντρώσεων	Ελαστικό νιτριλίου	0.4	> 480	EN374-2, EN16523-1, EN388	
Σε περίπτωση παρατεταμένης έκθεσης ή υψηλών συγκεντρώσεων	Βουτυλικό καουτσούκ	0,7	> 480	EN374-2, EN16523-1, EN388, EN421	

Προστασία για τα μάτια:

Τύπος	Πρότυπα	
Γυαλιά ασφαλείας με πλαϊνά προστατευτικά.	EN166	

ΤΜΗΜΑ 9: ΦΥΣΙΚΈΣ ΚΑΙ ΧΗΜΙΚΈΣ ΙΔΙΌΤΗΤΕΣ

9.1. Στοιχεία για τις βασικές φυσικές και χημικές ιδιότητες

Φυσική κατάσταση:

Υγρό

Χρώμα:

Άχρωμο

Οσμή / Όριο οσμής (ppm):

Χαρακτηριστικό

pH:

2.5

Πυκνότητα (g/cm³):

1,1 (20 °C)

Κινηματικό ιξώδες:

Δεν υπάρχουν διαθέσιμα δεδομένα.

Χαρακτηριστικά σωματιδίων:

Δεν εφαρμόζεται για υγρά.

Αλλαγές φάσης

Σημείο τήξεως/σημείο πήξεως (°C):

Δεν υπάρχουν διαθέσιμα δεδομένα.

Σημείο/εύρος μαλάκυνσης (°C):

Δεν εφαρμόζεται για υγρά.

Σημείο βρασμού (°C):

100

Πίεση ατμού:

Δεν υπάρχουν διαθέσιμα δεδομένα.

Σχετική πυκνότητα ατμών :

Δεν υπάρχουν διαθέσιμα δεδομένα.

Θερμοκρασία αποσύνθεσης (°C):

Δεν υπάρχουν διαθέσιμα δεδομένα.

Δεδομένα για τους κινδύνους πυρκαγιάς και έκρηξης

Σημείο ανάφλεξης (°C):

Δεν υπάρχουν διαθέσιμα δεδομένα.

Ευφλεκτότητα (°C):

Δεν υπάρχουν διαθέσιμα δεδομένα.

Θερμοκρασία αυτανάφλεξης (°C):

Δεν υπάρχουν διαθέσιμα δεδομένα.

Όρια αναφλεξιμότητας (% v/v):

Δεν υπάρχουν διαθέσιμα δεδομένα.

Διαλυτότητα

Διαλυτότητα στο νερό:

Πλήρως διαλυτή

Συντελεστής κατανομής σε n-οκτανόλη/νερό (LogKow):

Δεν υπάρχουν διαθέσιμα δεδομένα.

Διαλυτότητα στο λίπος (g/L):

Δεν υπάρχουν διαθέσιμα δεδομένα.

9.2. Άλλες πληροφορίες

Άλλες φυσικές και χημικές παράμετροι:

Δεν υπάρχουν διαθέσιμα δεδομένα.

Ιδιότητες οξείδωσης:

Δεν υπάρχουν διαθέσιμα δεδομένα.

ΤΜΗΜΑ 10: ΣΤΑΘΕΡΌΤΗΤΑ ΚΑΙ ΑΝΤΙΔΡΑΣΤΙΚΌΤΗΤΑ

10.1. Δραστικότητα

Δεν υπάρχουν διαθέσιμα δεδομένα.

10.2. Χημική σταθερότητα

Το προϊόν είναι σταθερό υπό τις συνθήκες που αναφέρονται στο τμήμα 7 «Χειρισμός και αποθήκευση».

10.3. Πιθανότητα επικίνδυνων αντιδράσεων

καμία γνωστή.

10.4. Συνθήκες προς αποφυγήν

καμία γνωστή.

10.5. Μη συμβατά υλικά

Να διατηρείται μόνο στην αρχική συσκευασία.

10.6. Επικίνδυνα προϊόντα αποσύνθεσης

Υπό κανονικές συνθήκες αποθήκευσης και χρήσης, δεν θα πρέπει να παράγονται επικίνδυνα προϊόντα αποσύνθεσης.

ΤΜΗΜΑ 11: ΤΟΞΙΚΟΛΟΓΙΚΈΣ ΠΛΗΡΟΦΟΡΊΕΣ

11.1. Πληροφορίες για τις τάξεις κινδύνου, όπως ορίζονται στον κανονισμό (ΕΚ) αριθ. 1272/2008

Οξεία τοξικότητα

Όνομα ουσίας	διάλυμα υπεροξειδίου του υδρογόνου 35%
Είδος:	Επίμυς
Οδός έκθεσης:	Στοματική
Έλεγχος:	LD50
Αποτέλεσμα:	1.193 - 1.270 mg/L

Όνομα ουσίας	διάλυμα υπεροξειδίου του υδρογόνου 35%
Είδος:	Κουνέλι
Οδός έκθεσης:	Δερματική
Έλεγχος:	LD50
Αποτέλεσμα:	>2.000 (35% oplossing) mg/kg

Επιβλαβές σε περίπτωση κατάποσης.

Διάβρωση και ερεθισμός του δέρματος*

Όνομα ουσίας	iT.34 laundry stainremover pro active oxygen

Αποτέλεσμα: Παρατηρήθηκαν δυσμενείς επιπτώσεις (Ερεθισμός)

Όνομα ουσίας: διάλυμα υπεροξειδίου του υδρογόνου 35%
Αποτέλεσμα: Παρατηρήθηκαν δυσμενείς επιπτώσεις (Ερεθισμός)

Προκαλεί ερεθισμό του δέρματος.

Σοβαρή βλάβη/ερεθισμός των ματιών

Όνομα ουσίας: iT.34 laundry stainremover pro active oxygen
Αποτέλεσμα: Παρατηρήθηκαν δυσμενείς επιπτώσεις (Προκαλεί σοβαρή οφθαλμική βλάβη)

Όνομα ουσίας: διάλυμα υπεροξειδίου του υδρογόνου 35%
Αποτέλεσμα: Παρατηρήθηκαν δυσμενείς επιπτώσεις (Προκαλεί σοβαρή οφθαλμική βλάβη)

Προκαλεί σοβαρή οφθαλμική βλάβη.

Ευαισθητοποίηση του αναπνευστικού

Όνομα ουσίας: διάλυμα υπεροξειδίου του υδρογόνου 35%
Αποτέλεσμα: Δεν παρατηρήθηκαν δυσμενείς επιπτώσεις (Δεν Μη)

Βάσει των διαθέσιμων δεδομένων, τα κριτήρια ταξινόμησης δεν πληρούνται.

Ευαισθητοποίηση του δέρματος

Βάσει των διαθέσιμων δεδομένων, τα κριτήρια ταξινόμησης δεν πληρούνται.

Μεταλλαξιγένεση γεννητικών κυττάρων

Βάσει των διαθέσιμων δεδομένων, τα κριτήρια ταξινόμησης δεν πληρούνται.

Καρκινογένεση

Όνομα ουσίας: διάλυμα υπεροξειδίου του υδρογόνου 35%
Συμπέρασμα: Δεν παρατηρήθηκαν δυσμενείς επιπτώσεις

Βάσει των διαθέσιμων δεδομένων, τα κριτήρια ταξινόμησης δεν πληρούνται.

Τοξικότητα για την αναπαραγωγή

Όνομα ουσίας: διάλυμα υπεροξειδίου του υδρογόνου 35%
Συμπέρασμα: Δεν παρατηρήθηκαν δυσμενείς επιπτώσεις

Βάσει των διαθέσιμων δεδομένων, τα κριτήρια ταξινόμησης δεν πληρούνται.

STOT-εφάπαξ έκθεση

Μπορεί να προκαλέσει υπνηλία ή ζάλη.

STOT-επανεπιλημμένη έκθεση

Βάσει των διαθέσιμων δεδομένων, τα κριτήρια ταξινόμησης δεν πληρούνται.

τοξικότητα αναρρόφησης

Όνομα ουσίας: διάλυμα υπεροξειδίου του υδρογόνου 35%
Βάσει των διαθέσιμων δεδομένων, τα κριτήρια ταξινόμησης δεν πληρούνται.

11.2. Πληροφορίες για άλλους τύπους επικινδυνότητας

Μακροπρόθεσμες επιπτώσεις

Το προϊόν περιέχει ουσίες που προκαλούν σοβαρή βλάβη στα μάτια. Η επαφή με αυτές τις ουσίες μπορεί να προκαλέσει μη αναστρέψιμες επιπτώσεις στα μάτια / σοβαρή οφθαλμική βλάβη.

Ιδιότητες ενδοκρινικής διαταραχής

Αυτό το μείγμα/προϊόν δεν περιέχει ουσίες που θεωρούνται ότι έχουν ιδιότητες που διαταράσσουν τις ορμόνες σε σχέση με την υγεία.

Άλλες πληροφορίες

διάλυμα υπεροξειδίου του υδρογόνου 35%: Η ουσία έχει ταξινομηθεί στην ομάδα 3 από την IARC.

ΤΜΗΜΑ 12: ΟΙΚΟΛΟΓΙΚΈΣ ΠΛΗΡΟΦΟΡΊΕΣ

12.1. Τοξικότητα

Όνομα ουσίας: διάλυμα υπεροξειδίου του υδρογόνου 35%
Είδος: Ψάρι, *Pimephales promelas*
Διάρκεια: 96 Ώρες
Έλεγχος: LC50
Αποτέλεσμα: 16,4 mg/L

Όνομα ουσίας: διάλυμα υπεροξειδίου του υδρογόνου 35%
Είδος: Ψάρι, *Leuciscus idus*
Διάρκεια: 72 Ώρες
Έλεγχος: LC50
Αποτέλεσμα: 35 mg/L

Όνομα ουσίας: διάλυμα υπεροξειδίου του υδρογόνου 35%
Είδος: Ψάρι, *Oncorhynchus mykiss*
Διάρκεια: 7 ημέρες
Έλεγχος: LC50
Αποτέλεσμα: 38,5 mg/L

Όνομα ουσίας: διάλυμα υπεροξειδίου του υδρογόνου 35%
Είδος: *Daphnia pulex*
Διάρκεια: 48 Ώρες
Έλεγχος: EC50
Αποτέλεσμα: 2,4 mg/L

Όνομα ουσίας: διάλυμα υπεροξειδίου του υδρογόνου 35%
Είδος: *Daphnia magna*
Διάρκεια: 24 Ώρες
Έλεγχος: EC50
Αποτέλεσμα: 7,7 mg/L

Όνομα ουσίας: διάλυμα υπεροξειδίου του υδρογόνου 35%
Είδος: *Skeletonema costatum*
Διάρκεια: 72 Ώρες
Έλεγχος: EC50
Αποτέλεσμα: 1,38 mg/L

Όνομα ουσίας: διάλυμα υπεροξειδίου του υδρογόνου 35%
Μέθοδος ελέγχου: ΟΟΣΑ 209
Είδος: Βακτήρια
Διαμέρισμα: Σταθμός Ενεργού Ιλύος
Διάρκεια: 30 minutes
Έλεγχος: EC50
Αποτέλεσμα: 466 mg/L

Όνομα ουσίας: διάλυμα υπεροξειδίου του υδρογόνου 35%
Μέθοδος ελέγχου: ΟΟΣΑ 209
Είδος: Βακτήρια
Διαμέρισμα: Σταθμός Ενεργού Ιλύος
Διάρκεια: 3 Ώρες
Έλεγχος: EC50
Αποτέλεσμα: > 1.000 mg/L

Βάσει των διαθέσιμων δεδομένων, τα κριτήρια ταξινόμησης δεν πληρούνται.

12.2. Ανθεκτικότητα και ικανότητα αποικοδόμησης

Όνομα ουσίας: διάλυμα υπεροξειδίου του υδρογόνου 35%
Συμπέρασμα: Άμεση βιοαποδομησιμότητα

12.3. Δυνατότητα βιοσυσσώρευσης

Όνομα ουσίας: διάλυμα υπεροξειδίου του υδρογόνου 35%
LogKow: -1,57
Συμπέρασμα: -

12.4. Κινητικότητα στο έδαφος

Δεν υπάρχουν διαθέσιμα δεδομένα.

12.5. Αποτελέσματα της αξιολόγησης ABT και αΑαΒ

Αυτό το μείγμα/προϊόν δεν περιέχει ουσίες που θεωρείται ότι πληρούν τα κριτήρια ταξινόμησης τους ως ABT και/ή αΑαΒ.

12.6. Ιδιότητες ενδοκρινικής διαταραχής

Όνομα ουσίας: iT.34 laundry stainremover pro active oxygen
Συμπέρασμα: Δεν παρατηρήθηκαν δυσμενείς επιπτώσεις

Αυτό το μείγμα/προϊόν δεν περιέχει ουσίες που θεωρούνται ότι έχουν ιδιότητες ενδοκρινικής διαταραχής σε σχέση με το περιβάλλον.

12.7. Άλλες αρνητικές επιπτώσεις

καμία γνωστή.

ΤΜΗΜΑ 13: ΣΤΟΙΧΕΪΑ ΣΧΕΤΙΚΆ ΜΕ ΤΗ ΔΙΆΘΕΣΗ

13.1. Μέθοδοι διαχείρισης αποβλήτων

Το προϊόν καλύπτεται από τους κανονισμούς για τα επικίνδυνα απόβλητα. (*)

HP 6 - Οξεία τοξικότητα

HP 8 - Διαβρωτικό

Η δοκιμή δεν είναι σχετική ή δεν είναι δυνατή λόγω της φύσης του προϊόντος.

Κανονισμός (ΕΕ) αριθ. 1357/2014 ΤΗΣ ΕΠΙΤΡΟΠΗΣ της 18ης Δεκεμβρίου 2014 για τα απόβλητα.

Κωδικός ΕΚΑ:

20 01 29*

απορρυπαντικά που περιέχουν επικίνδυνες ουσίες

Μολυσμένη συσκευασία

Συσκευασίες που περιέχουν υπολείμματα από το προϊόν πρέπει να διατίθενται με τον ίδιο τρόπο όπως το προϊόν.

ΤΜΗΜΑ 14: ΠΛΗΡΟΦΟΡΪΕΣ ΣΧΕΤΙΚΆ ΜΕ ΤΗ ΜΕΤΑΦΟΡΆ

	14.1 UN No	14.2 Κατάλληλη ονομασία αποστολής	14.3 Κλάση(εις) κινδύνου	14.4 PG*	14.5. Ενν**	Άλλες πληροφορ ίες:
ADR	UN2014	ΥΠΕΡΟΞΕΙ ΔΙΟΥ ΤΟΥ ΥΔΡΟΓΟΝΟΥ, ΥΔΑΤΙΚΟ ΔΙΑΛΥΜΑ	Κλάση: 5.1 Ετικέτες: 5.1+8 Κωδικός Ταξινόμησης: OC1  	II	Όχι	Περιορισμέ νες ποσότητες: 1 L Κατηγορία μεταφοράς: (E) Βλέπε παρακάτω

	14.1 UN No	14.2 Κατάλληλη ονομασία αποστολής	14.3 Κλάση(εις) κινδύνου	14.4 PG*	14.5. Env**	Άλλες πληροφορίες:
						για πρόσθετες πληροφορίες.
IMDG	UN2014	HYDROGEN PEROXIDE, AQUEOUS SOLUTION with not less than 20% but not more than 60% hydrogen peroxide (stabilized as necessary)	Κλάση: 5.1 Ετικέτες: 5.1+8 Κωδικός Ταξινόμησης: OC1  	II	Όχι	Περιορισμένες ποσότητες: 1 L EmS: F-H S-Q Βλέπε παρακάτω για πρόσθετες πληροφορίες.
IATA	UN2014	HYDROGEN PEROXIDE, AQUEOUS SOLUTION with not less than 20% but not more than 60% hydrogen peroxide (stabilized as necessary)	Κλάση: 5.1 Ετικέτες: 5.1+8 Κωδικός Ταξινόμησης: OC1  	II	Όχι	Βλέπε παρακάτω για πρόσθετες πληροφορίες.

* Ομάδα συσκευασίας

** Περιβαλλοντικοί κίνδυνοι

Επιπρόσθετες πληροφορίες

Αυτό το προϊόν εμπίπτει στο πεδίο εφαρμογής των κανονισμών μεταφοράς επικίνδυνων εμπορευμάτων.

ADR / Βλ. Πίνακα Α, Ενότητα 3.2.1 για οποιαδήποτε πληροφορία σχετικά με ειδικές διατάξεις, απαιτήσεις ή προειδοποιήσεις σε σχέση με τη μεταφορά. Βλέπε ενότητα 5.4.3, για γραπτές οδηγίες σχετικά με τον μετριάσμο των ζημιών σε σχέση με περιστατικά ή ατυχήματα κατά τη μεταφορά.

IMDG / Βλ. Ενότητα 3.2.1 για οποιαδήποτε πληροφορία σχετικά με ειδικές διατάξεις, απαιτήσεις ή προειδοποιήσεις σε σχέση με τη μεταφορά.

IATA / Βλ. Πίνακα 4.2 για οποιαδήποτε πληροφορία σχετικά με ειδικές διατάξεις, απαιτήσεις ή προειδοποιήσεις σε σχέση με τη μεταφορά.

14.6. Ειδικές προφυλάξεις για τον χρήστη

Δεν εφαρμόζεται

14.7. Θαλάσσιες μεταφορές χύδην σύμφωνα με τις πράξεις του IMO

Δεν υπάρχουν διαθέσιμα δεδομένα.

ΤΜΗΜΑ 15: ΣΤΟΙΧΕΪΑ ΝΟΜΟΘΕΤΙΚΟΥ ΧΑΡΑΚΤΗΡΑ

15.1. Κανονισμοί/νομοθεσία σχετικά με την ασφάλεια, την υγεία και το περιβάλλον για την ουσία ή το μείγμα

Περιορισμοί στην εφαρμογή:

Μόνο για επαγγελματική χρήση.

Απαιτήσεις για συγκεκριμένη εκπαίδευση:

Δεν υπάρχουν συγκεκριμένες απαιτήσεις

SEVESO - ΚΑΤΗΓΟΡΙΕΣ ΚΙΝΔΥΝΟΥ / ΚΑΤΟΝΟΜΑΖΟΜΕΝΕΣ ΕΠΙΚΙΝΔΥΝΕΣ ΟΥΣΙΕΣ:

Δεν εφαρμόζεται

διάλυμα υπεροξειδίου του υδρογόνου 35% (Παράρτημα Ι)

Σήμανση περιεχομένου σύμφωνα με τον κανονισμό περί απορρυπαντικών 648/2004:

≥ 30%

· Λευκαντικοί παράγοντες με βάση το οξυγόνο

Επιπρόσθετες πληροφορίες:

Δεν εφαρμόζεται

Πηγές:

Οδηγία 94/33/ΕΚ του Συμβουλίου της 22ας Ιουνίου 1994 για την προστασία των νέων κατά την εργασία.

Κανονισμός (ΕΚ) αριθ. 648/2004 του Ευρωπαϊκού Κοινοβουλίου και του Συμβουλίου, της 31ης Μαρτίου 2004, σχετικά με τα απορρυπαντικά.

Κανονισμός (ΕΕ) αριθ. 1357/2014 ΤΗΣ ΕΠΙΤΡΟΠΗΣ της 18ης Δεκεμβρίου 2014 για τα απόβλητα.

Council Regulation (EC) No 2019/1148 on explosives precursors.

Κανονισμός (ΕΚ) αριθ. 1272/2008 του Ευρωπαϊκού Κοινοβουλίου και του Συμβουλίου, της 16ης Δεκεμβρίου 2008, για την ταξινόμηση, την επισήμανση και τη συσκευασία των ουσιών και των μειγμάτων (CLP).

Κανονισμός (ΕΚ) αριθ. 1907/2006 του Ευρωπαϊκού Κοινοβουλίου και του Συμβουλίου, της 18ης Δεκεμβρίου 2006, για την καταχώριση, την αξιολόγηση, την αδειοδότηση και τους περιορισμούς των χημικών προϊόντων (REACH).

15.2. Αξιολόγηση χημικής ασφάλειας

Όχι

ΤΜΗΜΑ 16: ΆΛΛΕΣ ΠΛΗΡΟΦΟΡΊΕΣ

Πλήρες κείμενο των Δηλώσεων κινδύνων (H Statements) όπως αναφέρεται στο τμήμα 3

H271, Μπορεί να προκαλέσει πυρκαγιά ή έκρηξη· ισχυρό οξειδωτικό.

H302, Επιβλαβές σε περίπτωση κατάποσης.

H314, Προκαλεί σοβαρά δερματικά εγκαύματα και οφθαλμικές βλάβες.

H315, Προκαλεί ερεθισμό του δέρματος.

H318, Προκαλεί σοβαρή οφθαλμική βλάβη.

H319, Προκαλεί σοβαρό οφθαλμικό ερεθισμό.

H332, Επιβλαβές σε περίπτωση εισπνοής.

H336, Μπορεί να προκαλέσει υπνηλία ή ζάλη.

Συντομογραφίες και αρκτικόλεξα

ADN = Ευρωπαϊκή Συμφωνία σχετικά με τις Διεθνείς Μεταφορές Επικίνδυνων Εμπορευμάτων μέσω της Εσωτερικής Ναυσιπλοΐας

ADR = Η Ευρωπαϊκή Συμφωνία Ευρωπαϊκή Συμφωνία για τις Διεθνείς Οδικές Μεταφορές Επικίνδυνων Εμπορευμάτων

ATE = Εκτίμηση της οξείας τοξικότητας

BCF = Συντελεστής βιοσυγκέντρωσης

CAS = Υπηρεσία Χημικής Ταυτοποίησης

CE = Ευρωπαϊκή Συμμόρφωση

CLP = Κανονισμός για την Ταξινόμηση, Επισήμανση και Συσκευασία [Κανονισμός (ΕΚ) υπ' αριθ. 1272/2008]

CSA = Αξιολόγηση Χημικής Ασφάλειας

CSR = Αναφορά Χημικής Ασφάλειας

DMEL = Παράγωγο Επίπεδο με Ελάχιστες Επιπτώσεις

DNEL = Παράγωγο Επίπεδο Χωρίς Επιπτώσεις

EINECS = Ευρωπαϊκός Κατάλογος των Υφιστάμενων Εμπορικών Χημικών Ουσιών

EKA = Ευρωπαϊκός Κατάλογος Αποβλήτων

ES = Σενάριο Έκθεσης

Δήλωση EUH = Ειδική Δήλωση κινδύνου του CLP

ΔΥΠ (GWP) = Δυναμικό υπερθέρμανσης του πλανήτη»

EuPCS = Ευρωπαϊκό σύστημα κατηγοριοποίησης προϊόντων

GHS = Το δυναμικό υπερθέρμανσης του πλανήτη

IATA = Διεθνής Ένωση Αερομεταφορών

IBC = Εμπορευματοκιβώτιο Μεσαίας Χωρητικότητας Χύδην Φορτίου

IMDG = Διεθνής Ναυτιλιακός Κώδικας Επικίνδυνων Εμπορευμάτων

LogPow = Λογάριθμος του συντελεστή κατανομής οκτανόλης/νερού

MARPOL 73/78 = Διεθνής Σύμβαση για την Πρόληψη της Ρύπανσης από τα Πλοία, 1973 όπως τροποποιήθηκε από το Πρωτόκολλο 1978. ("Marpol" = θαλάσσια ρύπανση)

ΟΟΣΑ = Οργανισμός για Οικονομική Συνεργασία και Ανάπτυξη

PBT (ABT) = Ανθεκτικά, Βιοσυσσωρεύσιμα και Τοξικά

PNEC = Προβλεπόμενη Συγκέντρωση Χωρίς Επιπτώσεις

RID = Κανονισμοί για τις Διεθνείς Σιδηροδρομικές Μεταφορές Επικίνδυνων Εμπορευμάτων

RRN = Αριθμός Καταχώρισης REACH

SCL = Ειδικό Όριο Συγκέντρωσης

SVHC = Ουσίες που Προκαλούν Πολύ Μεγάλη Ανησυχία

STOT-RE = Ειδική τοξικότητα οργάνου-στόχου - Επανειλημμένη έκθεση

STOT-SE = Ειδική τοξικότητα οργάνου-στόχου - Μοναδική έκθεση

TWA = Μέση χρονικά σταθμισμένη

UNCB = Ουσίες άγνωστης ή ασταθούς σύνθεσης, προϊόντα πολύπλοκων αντιδράσεων ή βιολογικά υλικά

ΠΟΕ = Πτητικές Οργανικές Ενώσεις

αΑΒ = άκρως Ανθεκτικά και άκρως Βιοσυσσωρεύσιμα

Επιπρόσθετες πληροφορίες

Η ταξινόμηση της ουσίας/του μείγματος όσον αφορά τους κινδύνους για την υγεία είναι σύμφωνα με τις μεθόδους υπολογισμού που αναφέρονται στον Κανονισμό (ΕΚ) αριθ. 1272/2008 (CLP).

Το φυλλάδιο δεδομένων ασφαλείας επικυρώνεται από

Quality & Compliance

Άλλα

Μια αλλαγή (αναφορικά με την τελευταία σημαντική αλλαγή) επισημαίνεται με ένα τρίγωνο.

Οι πληροφορίες σε αυτό το δελτίο δεδομένων ασφαλείας ισχύουν μόνο για το συγκεκριμένο προϊόν (αναφέρεται στην ενότητα 1) και δεν είναι απαραίτητα σωστές για χρήση με άλλα χημικά/προϊόντα.

Συνιστάται να παραδώσετε αυτό το δελτίο δεδομένων ασφαλείας στον ίδιο τον χρήστη του προϊόντος. Οι πληροφορίες σε αυτό το δελτίο δεδομένων ασφαλείας δεν μπορούν να χρησιμοποιηθούν ως προδιαγραφές προϊόντος.

Χώρα-γλώσσα: GR-el

SIGURNOSNO-TEHNIČKOG LISTA

iT.34 laundry stainremover pro active oxygen

ODJELJAK 1.: IDENTIFIKACIJA TVARI/SMJESE I PODACI O TVRTKI/PODUZECU

1.1. Identifikacijska oznaka proizvoda

Tržišni naziv:

iT.34 laundry stainremover pro active oxygen

Jedinstveni identifikator formule (UFI):

KWY8-NPOS-J88H-EC1G

1.2. Relevantne identificirane uporabe tvari ili smjese i uporabe koje se ne preporučuju

Relevantne identificirane namjene tvari ili smjese:

Deterdženti i sredstva za čišćenje (uključujući one na bazi otapala)

Samo za profesionalne korisnike.

Namjene koje se ne preporučuju:

Nitko poznat.

1.3. Podaci o dobavljaču koji isporučuje sigurnosno-tehnicki list

Kompanija i adresa:

Hygeniq B.V.

Postbus 618

7500 AP Enschede

The Netherlands

+31 53 4282860

+31 53 5393865

www.hygeniq.com

E-mail:

info@hygeniq.com

Izmjena:

15. 08. 2025.

SDS inacija:

1.0

1.4. Broj telefona za izvanredna stanja

CKO - Centar za kontrolu otrovanja, TEL: +3851 2348 342

Pogledajte Odjeljak 4: "Mjere prve pomoći"

ODJELJAK 2.: IDENTIFIKACIJA OPASNOSTI

Klasifikovano prema Uredbi (EC) br. 1272/2008 (CLP).

2.1. Razvrstavanje tvari ili smjese

Met. Corr. 1; H290, Može nagrizzati metale.

Acute Tox. 4; H302, Štetno ako se proguta.

Skin Irrit. 2; H315, Nadražuje kožu.

Eye Dam. 1; H318, Uzrokuje teške ozljede oka.
STOT SE 3; H336, Može izazvati pospanost ili vrtoglavicu.

2.2. Elementi označivanja

Piktogrami opasnosti:



Oznaka opasnosti:

Opasnost

Oznake upozorenja:

Može nagrizzati metale. (H290)
Štetno ako se proguta. (H302)
Nadražuje kožu. (H315)
Uzrokuje teške ozljede oka. (H318)
Može izazvati pospanost ili vrtoglavicu. (H336)

Oznake obavijesti:

Opcenito:

Nije primjenljivo.

Sprječavanje:

Nakon uporabe temeljito oprati ruke i izložena koža. (P264)
Nositi zaštitu za oči/zaštitne rukavice/zaštitna odjeća. (P280)

Reakcija:

U SLUČAJU DODIRA S OČIMA: oprezno ispirati vodom nekoliko minuta. Ukloniti kontaktne leće ako ih nosite i ako se one lako uklanjaju. Nastaviti ispirati. (P305+P351+P338)
Apsorbirati proliveno kako bi se spriječila materijalna šteta. (P390)

Postupanje:

Skladištiti u spremniku s otpornom unutarnjom oblogom. (P406)

Odlaganje:

Odložiti sadržaj/spremnik u skladu s lokalnim propisima. (P501)

Identifikacija tvari koje su primarno odgovorne za veće opasnosti po zdravlje:

Otopina vodikovog peroksida 35%

Dodatno označavanje:

UFI: KQY8-NP0S-J88H-EC1G

Označavanje sadržaja prema Pravilniku o deterdžentima 648/2004 (primjenjuje se na pakiranje deterdženata koji se prodaju široj javnosti):

≥ 30%

· Agensi za izbjeljivanje na bazi kisika

2.3. Ostale opasnosti

Dodatna upozorenja:

Ova mješavina/proizvod ne sadrži nikakve tvari za koje se smatra da ispunjavaju kriterije po kojima ih se klasificira kao PBT i/ili vPvB.

Ovaj proizvod ne sadrži nikakve tvari koje se smatraju endokrinim disruptorima u skladu s kriterijima navedenim u Delegiranoj uredbi Komisije (EU) 2017/2100 ili Uredbi Komisije (EU) 2023/707.

ODJELJAK 3.: SASTAV/INFORMACIJE O SASTOJCIMA

3.1. Tvari

Nije primjenljivo. Ovaj proizvod je mješavina.

3.2. Smjese

Proizvod/sastojak	Identifikacijske oznake	% w/w	Razvrstavanje	Nazna ke
Otopina vodikovog peroksida 35%	CAS br.: 7722-84-1 EZ br.: 231-765-0 REACH: 01-2119485845-22-XXXX Indeksni br.: 008-003-00-9	30-50%	Ox. Liq. 1, H271 Acute Tox. 4, H302 Skin Corr. 1A, H314 (SCL: 70,00 %) Skin Corr. 1B, H314 (SCL: 50,00 %) Skin Irrit. 2, H315 (SCL: 35,00 %) Eye Dam. 1, H318 (SCL: 8,00 %) Eye Irrit. 2, H319 (SCL: 5,00 %) Acute Tox. 4, H332 STOT SE 3, H336 (SCL: 35,00 %)	

Pogledajte puni tekst H-fraza u odjeljak 16. Ograničenja vezana uz izlaganja na radnom mjestu navedena su u odjeljak 8, ako su dostupna.

Ostale informacije

-

ODJELJAK 4.: MJERE PRVE POMOCI

4.1. Opis mjera prve pomoci

Opće informacije:

U slučaju nezgode: Kontaktirajte liječnika ili službu za zbrinjavanje unesrećenih, a sa sobom ponesite etiketu s proizvoda ili ovaj sigurnosno-tehnički list.

Kontaktirajte liječnika ako niste sigurni kakvo je stanje izložene osobe ili ako ne dođe do povlačenja simptoma.

Osobi koja nije pri svijesti nikada nemojte davati da pije vodu ili nešto slično.

Udisanje:

Nakon poteškoća u disanju ili iritacija dišnih putova: Osobu izvedite na svjež zrak i ostanite uz nju.

Kontakt s kožom:

U SLUČAJU DODIRA S KOŽOM: oprati velikom količinom voda/voda i sapun.

Skinite kontaminiranu odjeću i obuću. Koža koja je došla u kontakt s materijalom mora se dobro oprati vodom i sapunom. NEMOJTE koristiti otapala ili razrjeđivače.

U slučaju nadražaja kože: zatražiti savjet/pomoć liječnika.

Kontakt s očima:

U slučaju dodira s očima: Oči ispirajte s dosta vode ili fiziološke otopine (20-30 °C) tijekom najmanje 30 minuta, dok se iritacija ne povuče. Izvadite kontaktne leće. Pazite da isperete oči i ispod gornjih i donjih kapaka. Odmah potražite medicinsku pomoć, a tijekom transporta nastavite ispiranje.

Gutanje:

AKO SE PROGUTA: u slučaju zdravstvenih tegoba nazvati CENTAR ZA KONTROLU OTROVANJA/liječnika

Isprati usta.

Opekline:

Nije primjenljivo.

4.2. Najvažniji simptomi i učinci, akutni i odgođeni

Proizvod sadrži tvari koja uzrokuju ozbiljno oštećenje oka. Kontakt s ovim tvarima može uzrokovati nepovratne učinke na oko/ozbiljno oštećenje oka.

4.3. Navod o slučaju potrebe za hitnom liječnickom pomoći i posebnom obradom

U SLUČAJU izloženosti ili sumnje na izloženost:

Hitno zatražiti savjet/pomoć liječnika

Informacije za zdravstveno osoblje

Ponesite ovaj sigurnosno-tehnički list ili etiketu s materijala.

ODJELJAK 5.: MJERE ZA SUZBIJANJE POŽARA

5.1. Sredstva za gašenje

Nije primjenljivo.

5.2. Posebne opasnosti koje proizlaze iz tvari ili smjese

Zapaljenje će dovesti do stvaranja gustog dima. Izlaganje tvarima koje nastanu kao rezultat sagorijevanja može naškoditi zdravlju. Zatvorene spremnike, koji su bili izloženi vatri, treba ohladiti vodom. Nemojte dopustiti ulijevanje vode koja se koristila za gašenje požara u kanalizacijske odvode ili u druge vodene tokove.

5.3. Savjeti za gasitelje požara

Kako biste izbjegli kontakt s tvari, nosite samostalni uređaj za disanje i zaštitno odijelo.

ODJELJAK 6.: MJERE KOD SLUCAJNOG ISPUŠTANJA

6.1. Osobne mjere opreza, zaštitna oprema i postupci za izvanredna stanja

Izbjegavajte direktni kontakt s prosutom tvari.

Osigurajte odgovarajuću ventilaciju, posebno u zatvorenim prostorima.

Izbjegavajte udisanje isparenja otpadnog materijala.

Kontaminirani prostor može biti sklizak.

6.2. Mjere zaštite okoliša

Izbjegavajte izlijevanje tvari u jezera, riječne tokove, kanalizacijske odvode i slično.

Držite neovlaštene osobe dalje od izlijevanja

6.3. Metode i materijal za sprečavanje širenja i čišćenje

Zadržite i sakupite prolivenu tekućinu nezapaljivim, upijajućim materijalom npr. pijeskom, zemljom, vermikulitom ili dijatomejskom zemljom i stavite u spremnik za odlaganje u skladu s lokalnim propisima.

Koliko god je to moguće, čišćenje treba obavljati pomoću uobičajenih sredstava za čišćenje. Treba izbjegavati uporabu otapala.

6.4. Uputa na druge odjeljke

Pogledajte odjeljak o 13 "Zbrinjavanje", koji se odnosi na rukovanje otpadom.

Informacije o mjerama zaštite potražite u odjeljku o 8 'Nadzor nad izloženošću/osobna zaštita'.

ODJELJAK 7.: RUKOVANJE I SKLADIŠTENJE

7.1. Mjere opreza za sigurno rukovanje

Izbjegavajte direktni kontakt s proizvodom.

U radnim prostorijama nije dopušteno pušenje, konzumiranje hrane ili napitaka, kao ni čuvanje duhanskih proizvoda, hrane ili napitaka.

Informacije o osobnoj zaštiti potražite u odjeljku o 'Nadzor nad izloženošću/osobna zaštita'.

7.2. Uvjeti sigurnog skladištenja, uzimajući u obzir moguće inkompatibilnosti

Otvoreni spremnici moraju se pažljivo ponovno hermetički zatvoriti i čuvati uspravno kako bi se spriječilo curenje.

Skladištiti u spremniku s otpornom unutarnjom oblogom.

Kompatibilnost ambalaže:

Čuvati samo u originalnom pakiranju.

Uvjeti skladištenja:

Suho, hladno i dobro prozračeno

Inkompatibilni materijali:

Čuvati samo u originalnom pakiranju.

7.3. Posebna krajnja uporaba ili uporabe

Ovaj proizvod treba se koristiti isključivo za namjene navedene u odjeljak 1.2.

ODJELJAK 8.: NADZOR NAD IZLOŽENOŠĆU/OSOBNA ZAŠTITA

8.1. Nadzorni parametri

Otopina vodikovog peroksida 35%

Granična vrijednost izloženosti (8 sati) (GVI) (ppm): 1

Granična vrijednost izloženosti (8 sati) (GVI) (mg/m³): 1,4

Kratkotrajna granična vrijednost izloženosti (15 minuta) (KGVI) (ppm): 2

Kratkotrajna granična vrijednost izloženosti (15 minuta) (KGVI) (mg/m³): 2,8

NN 1/2021 (10.01.2021.), Pravilnik o zaštiti radnika od izloženosti opasnim kemikalijama na radu, graničnim vrijednostima izloženosti i biološkim graničnim vrijednostima

DNEL

Otopina vodikovog peroksida 35%

Trajanje:	Način izlaganja:	DNEL:
Dugoročno-Lokalni učinci-Opća populacija	Udisanje	0,21 mg/m ³
Dugoročno-Lokalni učinci-Opća populacija	Udisanje	210 µg/m ³
Dugoročno-Lokalni učinci-Radnici	Udisanje	1.4 mg/m ³
Kratkoročno-Lokalni učinci-Opća populacija	Udisanje	1.93 mg/m ³
Kratkoročno-Lokalni učinci-Radnici	Udisanje	3 mg/m ³

PNEC

Otopina vodikovog peroksida 35%

Način izlaganja:	Trajanje izloženosti:	PNEC:
Morska voda		0,047 mg/L
Morska voda		12.6 µg/L
Postrojenje za tretiranje otpadne vode		466 mg/L
Povremeno ispuštanje (slatka voda)		13.8 µg/L
Sediment morske vode		0,047 mg/L
Sediment morske vode		47 µg/kg
Slatka voda		0,0126 mg/L
Slatka voda		12.6 µg/L
Slatkovodni sediment		0,047 mg/kg
Slatkovodni sediment		47 µg/kg
Tlo		0,023 mg/kg
Tlo		1.9 µg/kg

8.2. Nadzor nad izloženosti

Redovito se treba provjeravati poštuju li se propisana ograničenja koja se odnose na izlaganje.

Opće preporuke:

U radnim prostorijama nije dopušteno pušenje, konzumiranje hrane ili napitaka, kao ni čuvanje duhanskih proizvoda, hrane ili napitaka.

Uvjeti pri izlaganju:

Za ovaj proizvod nisu implementirani scenariji izloženosti.

Ograničenja vezana uz izlaganje:

Poduzetnici trebaju raditi u skladu sa zakonskim propisima o radnom okruženju koji se odnose na maksimalne koncentracije tvari kojima se radnici smiju izlagati.

Odgovarajuće tehnike mjere:

Stvaranje pare mora biti minimalno i ispod trenutnih graničnih vrijednosti (vidi gore). Preporučuje se ugradnja lokalnog ispušnog sustava ako normalan protok zraka u radnoj sobi nije dovoljan. Osigurajte da stanice za hitno ispiranje očiju i tuševi budu jasno označeni.

Osigurajte da su stanice za ispiranje očiju i sigurnosni tuševi na dohvat ruke.

Primijenite standardne mjere opreza tijekom uporabe proizvoda. Izbjegavati udisanje para.

Higijenske mjere:

Skinuti zagađenu odjeću i oprati je prije ponovne uporabe.

Mjere opreza za izbjegavanje zagađenja okoliša:

Nema posebnih uvjeta.

Osobne mjere zaštite kao što je osobna zaštitna oprema

Opcenito:

Koristite isključivo zaštitnu opremu s oznakom CE.

Oprema za disanje:

Radna situacija	Tip	Klasa	Boje	Norme	
Kada postoji opasnost od stvaranja magle/aerosola	Ako ventilacija radnog prostora nije zadovoljavajuća, koristite masku za cijelo lice koja je opremljena odgovarajućim filtrom			EN136	

Zaštita kože:

Preporučuje se	Tip/Kategorija	Norme	
Treba koristiti posebnu radnu odjeću	-	-	

Zaštita ruku:

Radna situacija	Tvar	Minimalna debljina sloja (mm)	Vrijeme prodiranja kemikalije (min.)	Norme	
U slučaju produljenog izlaganja ili visokih koncentracija	Nitrilna guma	0.4	> 480	EN374-2, EN16523-1, EN388	

Radna situacija	Tvar	Minimalna debljina sloja (mm)	Vrijeme prodiranja kemikalije (min.)	Norme	
U slučaju produljenog izlaganja ili visokih koncentracija	Butil guma	0,7	> 480	EN374-2, EN16523-1, EN388, EN421	

Oci:

Tip	Norme	
Nosite sigurnosne naočale s bočnim štitnicima.	EN166	

ODJELJAK 9.: FIZIKALNA I KEMIJSKA SVOJSTVA

9.1. Informacije o osnovnim fizikalnim i kemijskim svojstvima

Oblik:

Tekućina

Boje:

Bezbojna

Miris / Prag mirisa (ppm):

Karakterističan

pH:

2.5

Gustoca (g/cm³):

1,1 (20 °C)

Kinematička viskoznost:

Podaci nisu dostupni.

Svojstva čestica:

Ne primjenjuje se na tekućine.

Izmjene faza

talište/ledište (°C):

Podaci nisu dostupni.

Točka/raspon temperatura pri kojima dolazi do omekšavanja (°C):

Ne primjenjuje se na tekućine.

Točka ključanja (°C):

100

Tlak isparenja:

Podaci nisu dostupni.

relativna gustoća pare:

Podaci nisu dostupni.

Temperatura raspada (°C):

Podaci nisu dostupni.

Podaci o opasnostima od požara i eksplozije

Točka zapaljenja (°C):

Podaci nisu dostupni.

Zapaljivost (°C):

Podaci nisu dostupni.

Temperatura samozapaljenja (°C):

Podaci nisu dostupni.

Eksplzivni prag (Vol %):

Podaci nisu dostupni.

Topljivost

Topljivost u vodi:

Potpuno topiva

n-oktanol/vodeni koeficijent (LogKow):

Podaci nisu dostupni.

Topljivost u masnoci (g/L):

Podaci nisu dostupni.

9.2. Ostale informacije

Drug fizikalni i kemijski parametri:

Podaci nisu dostupni.

Oksidirajuća svojstva:

Podaci nisu dostupni.

ODJELJAK 10.: STABILNOST I REAKTIVNOST

10.1. Reaktivnost

Podaci nisu dostupni.

10.2. Kemijska stabilnost

Proizvod je stabilan pod uvjetima koji su navedeni u odjeljku 7 "Rukovanje i skladištenje".

10.3. Mogućnost opasnih reakcija

Nitko poznat.

10.4. Uvjeti koje treba izbjegavati

Nitko poznat.

10.5. Inkompatibilni materijali

Čuvati samo u originalnom pakiranju.

10.6. Opasni proizvodi raspadanja

U normalnim uvjetima skladištenja i uporabe ne bi trebalo doći do stvaranja opasnih produkata raspadanja.

ODJELJAK 11.: TOKSIKOLOŠKE INFORMACIJE

11.1. Informacije o razredima opasnosti kako su definirani u Uredbi (EZ) br. 1272/2008

Autna toksičnost

Proizvod/sastojak	Otopina vodikovog peroksida 35%
Vrste:	Štakor
Način izlaganja:	Oralno
Test:	LD50
Rezultat:	1.193 - 1.270 mg/L

Proizvod/sastojak	Otopina vodikovog peroksida 35%

Vrste: Kunić
Način izlaganja: Preko kože
Test: LD50
Rezultat: >2.000 (35% oplossing) mg/kg

Štetno ako se proguta.

Nagrizanje/iritacija kože

Proizvod/sastojak iT.34 laundry stainremover pro active oxygen
Rezultat: Uočeni štetni učinci (Iritirajuće)

Proizvod/sastojak Otopina vodikovog peroksida 35%
Rezultat: Uočeni štetni učinci (Iritirajuće)

Nadražuje kožu.

Ozbiljno oštećenje/iritacija oka

Proizvod/sastojak iT.34 laundry stainremover pro active oxygen
Rezultat: Uočeni štetni učinci (Uzrokuje teške ozljede oka)

Proizvod/sastojak Otopina vodikovog peroksida 35%
Rezultat: Uočeni štetni učinci (Uzrokuje teške ozljede oka)

Uzrokuje teške ozljede oka.

Senzitizacija dišnih puteva

Proizvod/sastojak Otopina vodikovog peroksida 35%
Rezultat: Nisu uočeni štetni učinci (ne senzibilizirajući)

Na temelju dostupnih podataka kriteriji za razvrstavanje nisu ispunjeni.

Senzitizacija kože

Na temelju dostupnih podataka kriteriji za razvrstavanje nisu ispunjeni.

Mutacija spolnih celija

Na temelju dostupnih podataka kriteriji za razvrstavanje nisu ispunjeni.

Kancerogenost

Proizvod/sastojak Otopina vodikovog peroksida 35%
Zaključak: Nisu uočeni štetni učinci

Na temelju dostupnih podataka kriteriji za razvrstavanje nisu ispunjeni.

Toksicnost za reproduktivni sustav

Proizvod/sastojak Otopina vodikovog peroksida 35%
Zaključak: Nisu uočeni štetni učinci

Na temelju dostupnih podataka kriteriji za razvrstavanje nisu ispunjeni.

STOT-pojedinačno izlaganje

Može izazvati pospanost ili vrtoglavicu.

STOT-ucestalo izlaganje

Na temelju dostupnih podataka kriteriji za razvrstavanje nisu ispunjeni.

Opasnost od udisanja

Proizvod/sastojak Otopina vodikovog peroksida 35%
Na temelju dostupnih podataka kriteriji za razvrstavanje nisu ispunjeni.

11.2. Informacije o drugim opasnostima

Dugorocno djelovanje

Proizvod sadrži tvari koja uzrokuju ozbiljno oštećenje oka. Kontakt s ovim tvarima može uzrokovati nepovratne učinke na oko/ozbiljno oštećenje oka.

Svojstva endokrine disrupcije

Ova smjesa/proizvod ne sadrži nikakve tvari za koje se smatra da imaju svojstva izazivanja hormonskog poremećaja.

Ostale informacije

Otopina vodikovog peroksida 35%: IARC je tvar razvrstala u skupinu 3.

ODJELJAK 12.: EKOLOŠKE INFORMACIJE

12.1. Toksicitnost

Proizvod/sastojak	Otopina vodikovog peroksida 35%
Vrste:	Riba, Pimephales promelas
Trajanje:	96 sati
Test:	LC50
Rezultat:	16,4 mg/L

Proizvod/sastojak	Otopina vodikovog peroksida 35%
Vrste:	Riba, Leuciscus idus
Trajanje:	72 sati
Test:	LC50
Rezultat:	35 mg/L

Proizvod/sastojak	Otopina vodikovog peroksida 35%
Vrste:	Riba, Oncorhynchus mykiss
Trajanje:	7 dana
Test:	LC50
Rezultat:	38,5 mg/L

Proizvod/sastojak	Otopina vodikovog peroksida 35%
Vrste:	Daphnia pulex
Trajanje:	48 sati
Test:	EC50
Rezultat:	2,4 mg/L

Proizvod/sastojak	Otopina vodikovog peroksida 35%
Vrste:	Daphnia magna
Trajanje:	24 sati
Test:	EC50
Rezultat:	7,7 mg/L

Proizvod/sastojak	Otopina vodikovog peroksida 35%
Vrste:	Skeletonema costatum
Trajanje:	72 sati
Test:	EC50
Rezultat:	1,38 mg/L

Proizvod/sastojak	Otopina vodikovog peroksida 35%
Metoda ispitivanja:	OECD 209
Vrste:	Bakterije
Segment okoliša:	Postrojenje aktivnog mulja
Trajanje:	30 minutes
Test:	EC50
Rezultat:	466 mg/L

Proizvod/sastojak	Otopina vodikovog peroksida 35%
Metoda ispitivanja:	OECD 209

Vrste: Bakterije
Segment okoliša: Postrojenje aktivnog mulja
Trajanje: 3 sati
Test: EC50
Rezultat: > 1.000 mg/L

Na temelju dostupnih podataka kriteriji za razvrstavanje nisu ispunjeni.

12.2. Postojanost i razgradivost

Proizvod/sastojak: Otopina vodikovog peroksida 35%
Zaključak: Laka biorazgradivost

12.3. Bioakumulacijski potencijal

Proizvod/sastojak: Otopina vodikovog peroksida 35%
LogKow: -1,57
Zaključak: -

12.4. Pokretljivost u tlu

Podaci nisu dostupni.

12.5. Rezultati ocjenjivanja svojstava PBT i vPvB

Ova mješavina/proizvod ne sadrži nikakve tvari za koje se smatra da ispunjavaju kriterije po kojima ih se klasificira kao PBT i/ili vPvB.

12.6. Svojstva endokrine disrupcije

Proizvod/sastojak: iT.34 laundry stainremover pro active oxygen
Zaključak: Nisu uočeni štetni učinci

Ova smjesa/proizvod ne sadrži nikakve tvari za koje se kada se nađu unutar okoliša smatra da imaju svojstva ometanja endokrinog sustava.

12.7. Ostali štetni učinci

Nitko poznat.

ODJELJAK 13.: ZBRINJAVANJE

13.1. Metode obrade otpada

Za proizvod se primjenjuju propisi o odlaganju opasnog otpada. (*)

HP 6 - Akutna toksičnost

HP 8 - Nagrizajuće

Odložiti sadržaj/spremnik u/na odobrenom odlagalištu otpada.

Uredba Komisije (EU) br. 1357/2014 od 18. prosinca 2014 o otpadu.

EWC šifra:

20 01 29*

Deterdženti koji sadrže opasne tvari

Kontaminirano pakiranje

Pakiranja u kojima se nalaze ostaci proizvoda moraju se odložiti kao otpad na isti način kao i sam proizvod.

ODJELJAK 14.: INFORMACIJE O PRIJEVOZU

	14.1 UN	14.2 Ispravno otpremno ime prema UN-u	14.3 Razred(i) opasnosti pri prijevozu	14.4 PG*	14.5. Env**	Ostale informacij e:
ADR	UN2014	VODIKOV PEROKSID, VODENA OTOPINA s najmanje 20% ali ne više	Klasa: 5.1 Listice opasnosti: 5.1+8 Klasifikacijska oznaka: OC1	II	Ne	Ograničene količine: 1 L

	14.1 UN	14.2 Ispravno otpremno ime prema UN-u	14.3 Razred(i) opasnosti pri prijevozu	14.4 PG*	14.5. Env**	Ostale informacij e:
		od 60% vodikova peroksida (stabiliziran prema potrebi)	 			Tunelska restriksijska oznaka: (E) Dodatne informacije potražite u nastavku.
IMDG	UN2014	HYDROGEN PEROXIDE, AQUEOUS SOLUTION with not less than 20% but not more than 60% hydrogen peroxide (stabilized as necessary)	Klasa: 5.1 Listice opasnosti: 5.1+8 Klasifikacijska oznaka: OC1  	II	Ne	Ograničene količine: 1 L EmS: F-H S- Q Dodatne informacije potražite u nastavku.
IATA	UN2014	HYDROGEN PEROXIDE, AQUEOUS SOLUTION with not less than 20% but not more than 60% hydrogen peroxide (stabilized as necessary)	Klasa: 5.1 Listice opasnosti: 5.1+8 Klasifikacijska oznaka: OC1  	II	Ne	Dodatne informacije potražite u nastavku.

* Skupina pakiranja

** Opasnosti za okoliš

Dodatne informacije

Za proizvod se primjenjuje Uredba o opasnim tvarima.

ADR / Za sve informacije o posebnim odredbama, zahtjevima ili upozorenjima u vezi s prijevozom pogledajte tablicu A, odjeljak 3.2.1. Za pisane upute o ublažavanju štete u vezi s incidentima ili nezgodama tijekom prijevoza pogledajte odjeljak 5.4.3.

IMDG / Za sve informacije o posebnim odredbama, zahtjevima ili upozorenjima u vezi s prijevozom pogledajte, odjeljak 3.2.1

IATA / Za sve informacije o posebnim odredbama, zahtjevima ili upozorenjima u vezi s prijevozom pogledajte tablicu 4.2.

14.6. Posebne mjere opreza za korisnika

Nije primjenljivo.

14.7. Prijevoz morem u razlivenom stanju u skladu s instrumentima IMO-a

Podaci nisu dostupni.

ODJELJAK 15.: INFORMACIJE O PROPISIMA

15.1. Propisi u području sigurnosti, zdravlja i okoliša/posebno zakonodavstvo za tvar ili smjesu

Ograničenje primjene:

Samo za profesionalne korisnike.

Zahtjev za specifičnu edukaciju:

Nema posebnih uvjeta.

SEVESO - Kategorije opasnih tvari / Imena opasnih tvari:

Nije primjenljivo.

Uredba o prekursora eksploziva:

Otopina vodikovog peroksida 35% (Prilog I)

Označavanje sadržaja prema Pravilniku o deterdžentima 648/2004:

≥ 30%

· Agensi za izbjeljivanje na bazi kisika

Dodatne informacije:

Nije primjenljivo.

Izvori:

Direktiva Vijeća 94/33/EZ od 22. lipnja 1994. o zaštiti mladih ljudi na radu.

Uredba (EZ) br. 648/2004 Europskog Parlamenta i Vijeća od 31. ožujka 2004. o deterdžentima.

Uredba Komisije (EU) br. 1357/2014 od 18. prosinca 2014 o otpadu.

Uredba (EU) 2019/1148 o prekursora eksploziva.

Uredba (EZ) br. 1272/2008 Europskog Parlamenta i Vijeća od 16. prosinca 2008. o razvrstavanju, označivanju i pakiranju tvari i smjesa (CLP).

UREDBA (EZ) br. 1907/2006 EUROPSKOG PARLAMENTA I VIJEĆA od 18. prosinca 2006 o registraciji, evaluaciji, autorizaciji i ograničavanju kemikalija (REACH).

15.2. Procjena kemijske sigurnosti

Ne

ODJELJAK 16.: OSTALE INFORMACIJE

Puni tekst H-fraza navedenih u Odjeljak 3

H271, Može uzrokovati požar ili eksploziju; jaki oksidans.

H302, Štetno ako se proguta.

H314, Uzrokuje teške opekline kože i ozljede oka.

H315, Nadražuje kožu.

H318, Uzrokuje teške ozljede oka.

H319, Uzrokuje jako nadraživanje oka.

H332, Štetno ako se udiše.

H336, Može izazvati pospanost ili vrtoglavicu.

Kratice i akronimi

ADN = European Provisions concerning the International Carriage of Dangerous Goods by Inland Waterway

ADR = Europski sporazum u vezi s internacionalnim prijevozom opasne robe cestom

ATE = Visoko procijenjena toksičnost

BKF = Biokoncentracijski faktor

CAS = Baza kemijskih podataka

CE = Conformité Européenne

CLP = Regulacija klasifikacije, označavanja i pakiranja [Uredba (EZ) Br. 1272/2008]

CSA = Kemijska procjena sigurnosti

CSR = Izvještaj o kemijskoj sigurnosti

DNEL = Izvedeni stupanj bez učinka

EINECS = Europski popis postojećih komercijalnih kemijskih tvari

ES = Količina izloženosti

EUH izvještaj = CLP-specifičan izvještaj o opasnosti

EuPCS = Europski sustav kategorizacije proizvoda

EWC = Europski popis otpadnih tvari

GHS = Globalno usuglašeni sistem klasifikacije i označavanja kemikalija

GWP = Potencijal globalnog zagrijavanja

IATA = Internacionalno udruženje zračnog transporta

IBC = Kontejner srednjeg obujma

IMDG = Internacionalne pomorski opasne tvari

LogPow = logaritam koeficijenta razdjeljenja između oktanola i vode
MARPOL = Internacionalna konvencija za prevenciju zagađivanja od brodova, 1973 modificirano protokolom iz 1978.
("Marpol" = zagađenje mora)
OECD = Organizacija za ekonomsku suradnju i razvoj
PBT = Postojan, bioakumulativni i toksični
PNEC = Predviđena koncentracija bez efekta
RID = Uredba u vezi internacionalnog prijevoza opasnih tvari željezničkim putem
RRN = REACH Registracijski broj
SCL = Specifičnu granicu koncentracije.
SVHC = Tvari vrlo visoke važnosti
STOT-RE = Specifično ciljane organske toksičnosti - Ponovljeno izlaganje
STOT-SE = Specifično ciljane organske toksičnosti - Jednokratno izlaganje
TWA = Vremenski ponderirani prosjek
UVCB = Su tvari nepoznatog ili promjenljivog sastava, složeni reakcijski proizvodi ili biološki materijali.
UN = Ujedinjeni Narodi
VOC = Hlapljivi organski spojevi
vPvB = Vrlo otporno i vrlo bioakumulativno

Dodatne informacije

Klasifikacija smjese u vezi opasnosti po zdravlje je sukladna metodi proračuna datom u Propisu (EC) No. 1272/2008 (CLP).

Sigurnosno-tehnički list potvrđen je od strane

Quality & Compliance

Ostalo

Izmjena (u odnosu na posljednju ključnu izmjenu SDS inačice) označena je trokutom.
Informacije u ovom sigurnosno-tehničkom listu odnose se samo na ovaj proizvod (naveden je u odjeljak 1) i možda neće biti primjeren za uporabu s drugim kemikalijama/proizvodima.
Preporuča se proslijeđivanje ovog sigurnosno-tehničkog lista stvarnom korisniku proizvoda. Informacije navedene u ovom sigurnosno-tehničkom listu ne mogu se koristiti kao specifikacija proizvoda.
Država-jezik: HR-hr

BIZTONSÁGI ADATLAP

iT.34 laundry stainremover pro active oxygen

1. SZAKASZ: AZ ANYAG/KEVERÉK ÉS A VÁLLALAT/VÁLLALKOZÁS AZONOSÍTÁSA

1.1. Termékazonosító

Terméknév:

iT.34 laundry stainremover pro active oxygen

Egyedi formulaazonosító (UFI):

KWY8-NPOS-J88H-EC1G

1.2. Az anyag vagy keverék lényeges azonosított felhasználásai, illetve ellenjavallt felhasználásai

Az anyag vagy vegyület lényeges azonosított használatai:

Mosó- és tisztítószer (beleértve az oldószer alapúakat is)

Kizárólag szakmai felhasználó részére.

Ellenjavallt felhasználása:

Senki sem ismerős.

1.3. A biztonsági adatlap szállítójának adatai

Cég és cím:

Hygeniq B.V.

Postbus 618

7500 AP Enschede

The Netherlands

+31 53 4282860

+31 53 5393865

www.hygeniq.com

E-mail:

info@hygeniq.com

Felülvizsgálat:

2025. 08. 15.

BA verziószám:

1.0

1.4. Sürgősségi telefonszám

+36 80 201 199 (0-24 órában, díjmentesen hívható – csak Magyarországról)

Lásd a 4. szakasz: Elsősegélynyújtás.

2. SZAKASZ: A VESZÉLY AZONOSÍTÁSA

Az (EK) 1272/2008. (CLP) rendelet szerint besorolva.

2.1. Az anyag vagy keverék besorolása

Met. Corr. 1; H290, Fémekre korrozív hatású lehet.

Acute Tox. 4; H302, Lenyelve ártalmas.

Skin Irrit. 2; H315, Bőrirritáló hatású.

Eye Dam. 1; H318, Súlyos szemkárosodást okoz.
STOT SE 3; H336, Álmoságot vagy szédülést okozhat.

2.2. Címkézési elemek

Veszélyt jelző piktogram(ok):



Figyelmeztetés(ek):

Veszély

Figyelmeztető mondat(ok):

Fémekre korrozív hatású lehet. (H290)
Lenyelve ártalmas. (H302)
Bőrirritáló hatású. (H315)
Súlyos szemkárosodást okoz. (H318)
Álmoságot vagy szédülést okozhat. (H336)

Óvintézkedésre vonatkozó mondatok:

Általános:

Nem alkalmazható.

Megelőzés:

A használatot követően a(z) kezét illetve más bőrfelület alaposan meg kell mosni. (P264)
szemvédő/Védőkesztyű/védőruha használata kötelező. (P280)

Reakció:

SZEMBE KERÜLÉS ESETÉN: Több percre tartó óvatos öblítés vízzel. Adott esetben a kontaktlencsék eltávolítása, ha könnyen megoldható. Az öblítés folytatása. (P305+P351+P338)
A kiömlött anyagot fel kell itatni a körülvevő anyagok károsodásának megelőzése érdekében. (P390)

Tárolás:

bélésű edényben tárolandó. (P406)

Hulladékkezelés:

A tartalom/edény elhelyezése hulladékként a helyi előírásoknak megfelelően. (P501)

Tartalmaz:

hidrogén-peroxid 35% (oldat)

További címkézés:

UFI: KQY8-NP05-J88H-EC1G

A tartalmat a tisztítószerrekről szóló 648/2004 számú rendelet szerint kell címkézni. (a lakosság számára értékesített mosószerek csomagolására vonatkozik):

≥ 30%

· Oxigénalapú fehérítőszer

2.3. Egyéb veszélyek

További figyelmeztetések:

Ez a keverék/termék nem tartalmaz PBT és/vagy vPvB minősítésű anyagokat.

Ez a termék nem tartalmaz olyan anyagot, ami a Bizottság (EU) 2017/2100 felhatalmazáson alapuló rendeletében vagy a Bizottság (EU) 2023/707 rendeletében meghatározott kritériumokkal összhangban az endokrin rendszert károsító anyagnak tekintendő.

3. SZAKASZ: ÖSSZETÉTEL VAGY AZ ÖSSZETEVŐKRE VONATKOZÓ ADATOK

3.1. Anyagok

Nem alkalmazható. A termék keverék.

3.2. Keverékek

Termék / alkotóelem	Azonosítók	% w/w	Besorolás	Hivatkozás
hidrogén-peroxid 35% (oldat)	CAS-szám: 7722-84-1 EK-szám: 231-765-0 REACH: 01-2119485845-22-XXXX Indexszám: 008-003-00-9	30-50%	Ox. Liq. 1, H271 Acute Tox. 4, H302 Skin Corr. 1A, H314 (SCL: 70,00 %) Skin Corr. 1B, H314 (SCL: 50,00 %) Skin Irrit. 2, H315 (SCL: 35,00 %) Eye Dam. 1, H318 (SCL: 8,00 %) Eye Irrit. 2, H319 (SCL: 5,00 %) Acute Tox. 4, H332 STOT SE 3, H336 (SCL: 35,00 %)	

A H - mondat(ok) teljes szövegét ld. a 16. szakaszban. Az elérhető munkahelyi határértékek listája a 8. szakaszban található.

Egyéb információ:

-

4. SZAKASZ: ELSŐSEGÉLY-NYÚJTÁSI INTÉZKEDÉSEK

4.1. Az elsősegély-nyújtási intézkedések ismertetése

Általános információ:

Balesetkor hívjon orvost vagy a baleseti ügyeletet - mutassa meg a termék címkéjét vagy ezt a biztonsági adatlapot! Az orvos érítkezésbe léphet az Egészségügyi Toxikológiai Tájékoztató Szolgálat (Telefon: 06-80-201-199).

Hívjon orvost, ha a sérült személy állapota kétséges, vagy a tünetek nem szűnnek meg! Eszméletlen személynek soha ne adjon vizet vagy hasonlót!

Belégzés:

Légzési nehézségek vagy a légutak irritációja esetén: Kísérje friss levegőre a személyt, aki az anyagot belélegezte és ne hagyja magára!

Bőrrel való érintkezés:

HA BŐRRE KERÜL: Lemosás bő vízzel/vízzel és szappannal.

Vegye le a szennyezett ruhadarabokat és cipőt! A szennyezett bőrfelületet alaposan mossa meg szappanos vízzel! NE HASZNÁLJON oldószert, higítószert!

Bőrirritáció esetén: orvosi ellátást kell kérni.

Szemmel való érintkezés:

Szembe kerülés esetén: A szemhéjat széthúzva, bő, 20-30 °C-os vízzel alaposan mossa ki a szemét, legalább 30 percen keresztül, addig, amíg az irritáció el nem múlik! Távolítsa el a kontaktlencséjét! Forduljon orvoshoz! Azonnal kérjen egészségügyi ellátást, és a szállítás során folytassa az öblítést.

Lenyelés:

LENYELÉS ESETÉN: Rosszullét esetén forduljon TOXIKOLÓGIAI KÖZPONTHOZ/orvoshoz.

A száját ki kell öblíteni.

Égések:

Nem alkalmazható.

4.2. A legfontosabb – akut és késleltetett – tünetek és hatások

Ezen anyagokkal való érintkezés visszafordíthatatlan szemkárosodást/súlyos szemkárosodást okozhat.

4.3. A szükséges azonnali orvosi ellátás és különleges ellátás jelzése

Expozíció vagy annak gyanúja esetén:

Azonnal orvosi ellátást kell kérni.

Tájékoztató orvosoknak

Vigye ezt a biztonsági adatlapot vagy a termék címkéjét!

5. SZAKASZ: TÚZOLTÁSI INTÉZKEDÉSEK

5.1. Oltóanyag

Nem alkalmazható.

5.2. Az anyaghoz vagy a keverékhez társuló különleges veszélyek

A tűz sűrű, füstöt eredményez. Bomlástermékekkel való érintkezés egészségkárosító lehet. A tűztől felhevült zárt tartályokat vízzel hűtse le! Ne öntsön tűzoltó vizet a csatornába vagy más víz

5.3. Tűzoltóknak szóló javaslat

Viseljen oxigénpalackos légzőkészüléket és védő öltözetet a termékkel való érintkezés megelőzésére.

6. SZAKASZ: INTÉZKEDÉSEK VÉLETLENSZERŰ KÖRNYEZETBE JUTÁS ESETÉN

6.1. Személyi óvintézkedések, egyéni védőeszközök és vészhelyzeti eljárások

Kerülje a kiszóródott, kiömlött anyaggal való közvetlen érintkezést!

Biztosítson megfelelő szellőzést, különösen zárt helyeken.

Kerülje a bomlástermékek gőzeinek, gázainak belégzését!

A szennyezett területek csúszósak lehetnek.

6.2. Környezetvédelmi óvintézkedések

Kerülje a termék felszíni/talajvízbe, csatornába, jutását.

Tartsa távol az illetéktelen személyeket a kiömléstől

6.3. A területi elhatárolás és a szennyezésmentesítés módszerei és anyagai

A kiömlött/kifolyt anyagot nem éghető, nedvszívó anyaggal kell felfogni és összegyűjteni, pl. homokkal, földdel, vermikulittal vagy kovafölddel; ezeket gyűjtse össze egy tartályba a helyi előírások szerinti ártalmatlanításhoz.

Ameddig lehet, csak normál tisztítószerrel tisztítsunk! Kerüljük az oldószereket!

6.4. Hivatkozás más szakaszokra

A hulladékok kezelésére vonatkozóan ld. Az 13 "Ártalmatlanítási szempontok" c. fejezetet!

Az óvintézkedésekre vonatkozóan ld. 8 "Az expozíció elleni védekezés/egyéni védelem" c. fejezetet!

7. SZAKASZ: KEZELÉS ÉS TÁROLÁS

7.1. A biztonságos kezelésre irányuló óvintézkedések

Kerülje a termékkel való közvetlen érintkezést!

Dohányzás, étel, ital fogyasztása, valamint dohányáru, étel, ital tárolása tilos a munkavégzés helyén!

A személyi óvintézkedésekre vonatkozóan ld. "Az expozíció elleni védekezés/egyéni védelem" c. fejezetet!

7.2. A biztonságos tárolás feltételei, az esetleges összeférhetlenséggel együtt

A már nyitott tartályokat gondosan vissza kell zárni, és a kifolyás megelőzésére, függőlegesen tárolni. bélésű edényben tárolandó.

A csomagolóanyagok kompatibilitása:

Az eredeti csomagolásban tartandó.

Tárolási feltételek:

Száraz, hűvös és jól szellőző

Összeférhetetlenség:

Az eredeti csomagolásban tartandó.

7.3. Meghatározott végfelhasználás (végfelhasználások)

A terméket csak az 1.2 fejezetben leírt célokra szabad használni!

8. SZAKASZ: AZ EXPOZÍCIÓ ELLENI VÉDEKEZÉS/EGYÉNI VÉDELEM

8.1. Ellenőrzési paraméterek

A termék nem tartalmaz a munkahelyi expozíciós határokkal rendelkező anyagok magyar listáján felsorolt anyagokat.

DNEL

hidrogén-peroxid 35% (oldat)

Időtartam:	Expozíciós út:	DNEL:
Hosszú távú – helyi hatások – általános lakosság	Belélegzés	0,21 mg/m ³
Hosszú távú – helyi hatások – általános lakosság	Belélegzés	210 µg/m ³
Hosszú távú – helyi hatások – munkavállalók	Belélegzés	1,4 mg/m ³
Rövid távú – helyi hatások – általános lakosság	Belélegzés	1,93 mg/m ³
Rövid távú – helyi hatások – munkavállalók	Belélegzés	3 mg/m ³

PNEC

hidrogén-peroxid 35% (oldat)

Expozíciós út:	Expozíció időtartama:	PNEC:
Édesvíz		0,0126 mg/L
Édesvíz		12,6 µg/L
Édesvízi üledék		0,047 mg/kg
Édesvízi üledék		47 µg/kg
Időszakos kibocsátás (édesvíz)		13,8 µg/L
Szennyvízkezelő telep		466 mg/L
Talaj		0,023 mg/kg
Talaj		1,9 µg/kg
Tengervíz		0,047 mg/L
Tengervíz		12,6 µg/L
Tengervízi üledék		0,047 mg/L
Tengervízi üledék		47 µg/kg

8.2. Az expozíció elleni védekezés

Használjon általános szabályozást a szükségtelen expozíció megelőzése érdekében.

Általános javaslatok:

Dohányzás, étel, ital fogyasztása, valamint dohányáru, étel, ital tárolása tilos a munkavégzés helyén!

Expozíciós forgatókönyv:

A termékre vonatkozóan nem dolgoztak ki expozíciós forgatókönyvet.

Expozíciós hatások:

A termékben megtalálható anyagokra nincs előírva maximum expozíciós határ.

Megfelelő műszaki intézkedések:

Biztosítsa, hogy a szemmosó állomások és a biztonsági zuhanyok könnyen elérhető helyen legyenek.
A termék használatakor végezze el a szokásos óvintézkedéseket. Kerülje el a gőzök belégzését.

Higiéniai intézkedések:

A szennyezett ruhadarabot le kell vetni és újbóli használat előtt ki kell mosni.

A környezeti expozíció ellenőrzése:

Nincs különleges követelmény.

Egyéni óvintézkedések, úgy mint személyi védőfelszerelések

Általánosan:

Kizárólag CE jelzéssel ellátott védőfelszerelést használjon.

Légutak védelme:

Munkaállomás	Típus	Osztály	Szín	Szabványokra	
Ha fennáll pára/permet képződésének a veszélye	Teljes arcas védőmaszkot			EN136	

Bőrvédelem:

Ajánlott	Típusú/Kategóriájú	Szabványokra	
Speciális védőruha használata kötelező!	-	-	

Kézvédelem:

Munkaállomás	Anyag	Minimális réteg vastagság (mm)	Áteresztési ideje (percig)	Szabványokra	
Hosszú ideig tartó expozíció vagy magas koncentrációk esetén	Nitril kaucsuk	0.4	> 480	EN374-2, EN16523-1, EN388	
Hosszú ideig tartó expozíció vagy magas koncentrációk esetén	Butil gumi	0,7	> 480	EN374-2, EN16523-1, EN388, EN421	

Szemvédelem:

Típus	Szabványokra	
Viseljen oldalvédővel rendelkező védőszemüveget!	EN166	

9. SZAKASZ: FIZIKAI ÉS KÉMIAI TULAJDONSÁGOK

9.1. Az alapvető fizikai és kémiai tulajdonságokra vonatkozó információk

Forma:

Folyékony

Szín:

Színtelen

Szag / Szagküszöbérték (ppm):

Jellegzetes

pH:

2.5

Sűrűség (g/cm³):

1,1 (20 °C)

Kinematikus viszkozitás:

Nincs erre vonatkozó adat.

Részecskejellemzők:

Folyadékokra nem alkalmazandó.

Halmazállapot változások

Olvaspont/fagyáspont (°C):

Nincs erre vonatkozó adat.

Lágyuláspont/lágyulásponttartomány (°C):

Folyadékokra nem alkalmazandó.

Forráspont (°C):

100

Gőzsűrűség:

Nincs erre vonatkozó adat.

Relatív gőzsűrűség:

Nincs erre vonatkozó adat.

Bomlási hőmérséklet (°C):

Nincs erre vonatkozó adat.

Tűz-és robbanásveszélyességi adatok

Lobbanási pont (°C):

Nincs erre vonatkozó adat.

Tűzveszélyesség (°C):

Nincs erre vonatkozó adat.

Öngyulladási hőmérséklet (°C):

Nincs erre vonatkozó adat.

Lobbanási határ (% v/v):

Nincs erre vonatkozó adat.

Oldódás

Vízben oldódás:

Teljes mértékben oldódik

n-octanol/vízzel együtttható (LogKow):

Nincs erre vonatkozó adat.

Zsírban oldódás (g/L):

Nincs erre vonatkozó adat.

9.2. Egyéb információk

Egyéb fizikai vagy kémiai paramétereiket:

Nincs erre vonatkozó adat.

Oxidációs jellemzők:

Nincs erre vonatkozó adat.

10. SZAKASZ: STABILITÁS ÉS REAKCIÓKÉSZSÉG

10.1. Reakciókészség

Nincs erre vonatkozó adat.

10.2. Kémiai stabilitás

A 7 "Kezelés és tárolás" fejezetben leírt körülmények között a termék szilárd.

10.3. A veszélyes reakciók lehetősége

Senki sem ismerős.

10.4. Kerülendő körülmények

Senki sem ismerős.

10.5. Nem összeférhető anyagok

Az eredeti csomagolásban tartandó.

10.6. Veszélyes bomlástermékek

Normál tárolási és felhasználási körülmények között veszélyes bomlástermékek nem keletkezhetnek.

11. SZAKASZ: TOXIKOLÓGIAI ADATOK

11.1. Az 1272/2008/EK rendeletben meghatározott, veszélyességi osztályokra vonatkozó információk

Akut toxicitás

Termék / alkotóelem	hidrogén-peroxid 35% (oldat)
Fajták:	Patkány
Expozíció iránya:	Szájon át
Teszt:	LD50
Eredmény:	1.193 - 1.270 mg/L

Termék / alkotóelem	hidrogén-peroxid 35% (oldat)
Fajták:	Nyúl
Expozíció iránya:	Bőrön át
Teszt:	LD50
Eredmény:	>2.000 (35% oplossing) mg/kg

Lenyelve ártalmas.

Bőrirritáció

Termék / alkotóelem	iT.34 laundry stainremover pro active oxygen
Eredmény:	Káros hatások figyelhetők meg (Irritáló)

Termék / alkotóelem	hidrogén-peroxid 35% (oldat)
Eredmény:	Káros hatások figyelhetők meg (Irritáló)

Bőrirritáló hatású.

Súlyos szemkárosodás/szemirritáció

Termék / alkotóelem	iT.34 laundry stainremover pro active oxygen
Eredmény:	Káros hatások figyelhetők meg (Súlyos szemkárosodást okoz)

Termék / alkotóelem	hidrogén-peroxid 35% (oldat)
Eredmény:	Káros hatások figyelhetők meg (Súlyos szemkárosodást okoz)

Súlyos szemkárosodást okoz.

Légzőszervi szenzibilizáció

Termék / alkotóelem	hidrogén-peroxid 35% (oldat)

Eredmény: Káros hatások nem figyelhetők meg (nem érzékenyítő)

A rendelkezésre álló adatok alapján az osztályozás kritériumai nem teljesülnek.

Bőrszenzibilizáció

A rendelkezésre álló adatok alapján az osztályozás kritériumai nem teljesülnek.

Csírasejt-mutagenitás

A rendelkezésre álló adatok alapján az osztályozás kritériumai nem teljesülnek.

Rákkeltő hatás

Termék / alkotóelem hidrogén-peroxid 35% (oldat)
Következtetés: Káros hatások nem figyelhetők meg

A rendelkezésre álló adatok alapján az osztályozás kritériumai nem teljesülnek.

Reprodukciós toxicitás

Termék / alkotóelem hidrogén-peroxid 35% (oldat)
Következtetés: Káros hatások nem figyelhetők meg

A rendelkezésre álló adatok alapján az osztályozás kritériumai nem teljesülnek.

Egyetlen expozíció utáni célszervi toxicitás (STOT)

Álmosságot vagy szédülést okozhat.

Ismétlődő expozíció utáni célszervi toxicitás (STOT)

A rendelkezésre álló adatok alapján az osztályozás kritériumai nem teljesülnek.

Aspirációs veszély

Termék / alkotóelem hidrogén-peroxid 35% (oldat)
A rendelkezésre álló adatok alapján az osztályozás kritériumai nem teljesülnek.

11.2. Egyéb veszélyekkel kapcsolatos információ

Hosszantartó hatások

Ezen anyagokkal való érintkezés visszafordíthatatlan szemkárosodást/súlyos szemkárosodást okozhat.

Endokrin károsító tulajdonságok

A keverék/termék nem tartalmaz az egészséggel kapcsolatban hormonzavaró tulajdonságokkal rendelkező anyagokat.

Egyéb információk

hidrogén-peroxid 35% (oldat): A készítmény az IARC által a 3. csoportba sorolt.

12. SZAKASZ: ÖKOLÓGIAI ADATOK

12.1. Toxicitás

Termék / alkotóelem hidrogén-peroxid 35% (oldat)
Fajták: Hal, Pimephales promelas
Időtartam: 96 órás
Teszt: LC50
Eredmény: 16,4 mg/L

Termék / alkotóelem hidrogén-peroxid 35% (oldat)
Fajták: Hal, Leuciscus idus
Időtartam: 72 órás
Teszt: LC50
Eredmény: 35 mg/L

Termék / alkotóelem hidrogén-peroxid 35% (oldat)
Fajták: Hal, Oncorhynchus mykiss
Időtartam: 7 napon

Összhangban van a 2020/878 (EU) Rendelettel módosított 1907/2006/EK Rendelet (REACH) II. Mellékletével

Teszt:
Eredmény: LC50
38,5 mg/L

Termék / alkotóelem hidrogén-peroxid 35% (oldat)
Fajták: Daphnia pulex
Időtartam: 48 órás
Teszt: EC50
Eredmény: 2,4 mg/L

Termék / alkotóelem hidrogén-peroxid 35% (oldat)
Fajták: Daphnia magna
Időtartam: 24 órás
Teszt: EC50
Eredmény: 7,7 mg/L

Termék / alkotóelem hidrogén-peroxid 35% (oldat)
Fajták: Skeletonema costatum
Időtartam: 72 órás
Teszt: EC50
Eredmény: 1,38 mg/L

Termék / alkotóelem hidrogén-peroxid 35% (oldat)
Vizsgálati módszer: OECD 209
Fajták: Baktériumok
Környezeti közeg: Eleveniszap-kezelő telep
Időtartam: 30 minutes
Teszt: EC50
Eredmény: 466 mg/L

Termék / alkotóelem hidrogén-peroxid 35% (oldat)
Vizsgálati módszer: OECD 209
Fajták: Baktériumok
Környezeti közeg: Eleveniszap-kezelő telep
Időtartam: 3 órás
Teszt: EC50
Eredmény: > 1.000 mg/L

A rendelkezésre álló adatok alapján az osztályozás kritériumai nem teljesülnek.

12.2. Perzisztencia és lebonthatóság

Termék / alkotóelem hidrogén-peroxid 35% (oldat)
Következtetés: Könnyű biolebonthatóság

12.3. Bioakkumulációs képesség

Termék / alkotóelem hidrogén-peroxid 35% (oldat)
LogKow: -1,57
Következtetés: -

12.4. A talajban való mobilitás

Nincs erre vonatkozó adat.

12.5. A PBT- és a vPvB-értékelés eredményei

Ez a keverék/termék nem tartalmaz PBT és/vagy vPvB minősítésű anyagokat.

12.6. Endokrin károsító tulajdonságok

Termék / alkotóelem iT.34 laundry stainremover pro active oxygen
Következtetés: Káros hatások nem figyelhetők meg

A keverék/termék nem tartalmaz a környezettel kapcsolatban endokrin-romboló tulajdonságokkal rendelkező anyagokat.

12.7. Egyéb káros hatások

Senki sem ismerős.

13. SZAKASZ: ÁRTALMATLANÍTÁSI SZEMPONTOK

13.1. Hulladékkezelési módszerek

Ez a termék veszélyes hulladékokra vonatkozó rendeletek szerint kezelendő! (*)

HP 6 - Akut toxicitás

HP 8 - Maró

A tartalom/edény elhelyezése hulladékként: veszélyes hulladékgyűjtő helyre vinni.

Veszélyes hulladékok: 2012. évi CLXXXV. törvény a hulladékról. 225/2015. (VIII. 7.) Korm. rendelet a veszélyes hulladékkal kapcsolatos egyes tevékenységek részletes szabályairól.

EWC kód:

20 01 29*

Veszélyes anyagokat tartalmazó mosószer

Szennyezett csomagolás

Maradékot tartalmazó tartályt ugyanúgy ártalmatlanítsuk, mint magát a terméket!

14. SZAKASZ: SZÁLLÍTÁSRA VONATKOZÓ INFORMÁCIÓK

	14.1 UN	14.2 Az ENSZ szerinti megfelelő szállítási megnevezés	14.3 Szállítási veszélyességi osztály(ok)	14.4 PG*	14.5. Env**	Egyéb információ:
ADR	UN2014	HIDROGÉN-PEROXID VIZES OLDAT legalább 20%, de legfeljebb 60% hidrogén-peroxid tartalommal (szükség szerint stabilizálva)	Osztály: 5.1 Bárcák: 5.1+8 Osztályozási kód: OC1  	II	Nincs	Korlátozott mennyiség: 1 L Alagútkorlátozási kód: (E) További információt alább olvashat.
IMDG	UN2014	HYDROGEN PEROXIDE, AQUEOUS SOLUTION with not less than 20% but not more than 60% hydrogen peroxide (stabilized as necessary)	Osztály: 5.1 Bárcák: 5.1+8 Osztályozási kód: OC1  	II	Nincs	Korlátozott mennyiség: 1 L EmS: F-H S-Q További információt alább olvashat.
IATA	UN2014	HYDROGEN PEROXIDE, AQUEOUS SOLUTION with not less than 20% but not more than 60% hydrogen peroxide (stabilized as necessary)	Osztály: 5.1 Bárcák: 5.1+8 Osztályozási kód: OC1  	II	Nincs	További információt alább olvashat.

* Csomagolási csoport

**** Környezeti veszélyek**

Egyéb információ

A veszélyes árukra vonatkozó egyezmény által védett termék.

ADR / Lásd az A. táblázat 3.2.1 pontját a szállítással kapcsolatos különleges rendelkezésekről, követelményekről vagy figyelmeztetésekről. Lásd az 5.4.3. pontot a szállítás közben bekövetkező eseményekkel vagy balesetekkel kapcsolatos károk enyhítésével kapcsolatos írásbeli utasításokért.

IMGD / Lásd az 3.2.1 pontját a szállítással kapcsolatos különleges rendelkezésekről, követelményekről vagy figyelmeztetésekről.

IATA / Lásd az táblázat 4.2 pontját a szállítással kapcsolatos különleges rendelkezésekről, követelményekről vagy figyelmeztetésekről.

14.6. A felhasználót érintő különleges óvintézkedések

Nem alkalmazható.

14.7. Az IMO-szabályok szerinti tengeri ömlesztett szállítás

Nincs erre vonatkozó adat.

15. SZAKASZ: SZABÁLYOZÁSSAL KAPCSOLATOS INFORMÁCIÓK

15.1. Az adott anyaggal vagy keverékkel kapcsolatos biztonsági, egészségügyi és környezetvédelmi előírások/jogszabályok

Alkalmazási korlátozások:

Kizárólag szakmai felhasználó részére.

Specifikus oktatásra vonatkozó követelmények:

Nincs különleges követelmény.

SEVESO - A veszélyes anyagok kategóriái / Megnevezett veszélyes anyagok:

Nem alkalmazható.

Rendelete a robbanóanyag-prekurzorok:

hidrogén-peroxid 35% (oldat) (Rendelet I)

A tartalmat a tisztítószerekről szóló 648/2004 számú rendelet szerint kell címkézni.:

≥ 30%

· Oxigénalapú fehéritőszerek

Egyéb információ:

Nem alkalmazható.

Források:

2007. évi CLXI. törvény a munkavédelemről szóló 1993. évi XCIII. törvény módosításáról.

Az Európai Parlament és a Tanács 648/2004/EK rendelet (2004. március 31.) a mosó- és tisztítószerekről.

Veszélyes hulladékok: 2012. évi CLXXXV. törvény a hulladékról. 225/2015. (VIII. 7.) Korm. rendelet a veszélyes hulladékkal kapcsolatos egyes tevékenységek részletes szabályairól.

A Tanács (EU) 2019/1148 Rendelete a robbanóanyag-prekurzorok.

Munkavédelem: 1993 évi XCIII. törvény a munkavédelemről és az ehhez kapcsolódó rendeletek.

5/2020 (II.6.) ITM rendelet a kémiai kóroki tényezők hatásának kitett munkavállalók egészségének és biztonságának védelméről.

44/2000 (XII. 27.) EüM rendelet a veszélyes anyagokkal és veszélyes készítményekkel kapcsolatos egyes eljárások, illetve tevékenységek részletes szabályairól.

Az Európai Parlament és a Tanács 1272/2008/EK rendelet (2008. december 16.) az anyagok és keverékek osztályozásáról, címkézéséről és csomagolásáról (CLP).

Az Európai Parlament és a Tanács 1907/2006/EK rendelete (2006. december 18 .) a vegyi anyagok regisztrálásáról, értékeléséről, engedélyezéséről és korlátozásáról (REACH).

15.2. Kémiai biztonsági értékelés

Nincs

16. SZAKASZ: EGYÉB INFORMÁCIÓK

A H mondatok teljes szövege, ahogyan a 3. szakaszban is említve volt

H271, Tűzet vagy robbanást okozhat; erősen oxidáló hatású.
H302, Lenyelve ártalmas.
H314, Súlyos égési sérülést és szemkárosodást okoz.
H315, Bőrirritáló hatású.
H318, Súlyos szemkárosodást okoz.
H319, Súlyos szemirritációt okoz.
H332, Belélegezve ártalmas.
H336, Álmoságot vagy szédülést okozhat.

Rövidítések és betűszavak

ADN = A Veszélyes Áruk Nemzetközi Belvízi Szállításáról szóló Európai Egyezmény
ADR = A Veszélyes Áruk Nemzetközi Közúti Szállításáról szóló Európai Egyezmény
ATE = Akut Toxicitás Becslése
BCF = Bio-koncentrációs Faktor
CAS = Vegyi anyag Nyilvántartási Szolgálat
CE = Európai megfelelés
CLP = Az Európai Parlament és a Tanács Rendelete az Anyagok és Keverékek Besorolásáról, Címkzéséről és Csomagolásáról [EK Rendelet No. 1272/2008]
CSA = Kémiai Biztonsági Értékelés
CSR = Kémiai Biztonsági Jelentés
DNEL = Származtatott Hatásmentes Szint
EINECS = Létező Kereskedelmi Anyagok Európai Jegyzéke
ES = Expozíciós Forráskönyv
EUH statement = CLP-specifikus Figyelmeztető mondat
EuPCS = Uniós termékbesorolási rendszer
EWC = Európai Hulladék Katalógus
GHS = Vegyi Anyagok Osztályozásának és Címkzésének Globálisan Harmonizált Rendszere
GWP = Globális felmelegedési potenciál
IATA = Nemzetközi Légi Szállítási Szövetség
IBC = Nagyméretű Csomagolóeszköz
IMDG = Veszélyes Áruk Nemzetközi Tengerészeti Kódexe
LogP_{ow} = log oktanol/víz megoszlási együttható
MARPOL = Hajókról történő Szennyezés Megelőzéséről szóló és az 1978. évi Jegyzőkönyvvel módosított 1973. évi Nemzetközi Egyezmény. ("Marpol = tengeri szennyezés")
OECD = Gazdasági Együttműködési és Fejlesztési Szervezet
PBT = Perzisztens, Bioakkumulatív és Mérgező
PNEC = Előre látható Hatástalan Koncentráció
RID = Veszélyes Áruk Nemzetközi Vasúti Fuvarozásáról szóló Szabályzat
RRN = REACH Regisztrációs Szám
SCL = A(z) anyagnak egyedi koncentrációs határértéke van.
SVHC = Különös Aggódalomra okot adó Anyagok
STOT-RE = Célszervi Toxicitás - Ismétlődő Expozíció
STOT-SE = Célszervi Toxicitás - Egyszeri Expozíció
TWA = Idővel súlyozott átlagos
UN = Egyesült Nemzetek
UVCB = Ismeretlen szerkezetű vagy változó összetételű, komplex reakcióban keletkezett vagy biológiai eredetű anyagok.
VOC = Illékony Szerves Vegyület
vPvB = Nagyon Perzisztens és Nagyon Bioakkumulatív

Egyéb információ

A keverék egészségi veszélyek szerinti besorolása megfelel az 1272/2008. sz. EK rendeletben meghatározott számítási módszereknek.

A biztonsági adatlapot jóváhagyta:

Quality & Compliance

Egyéb

A BA (Biztonsági Adatlap) utolsó kiadásához képest történt változást háromszög jelzi.

Ezen biztonsági adatlapban lévő információk kizárólag erre a bizonyos termékre vonatkoznak, (ld. 1. szakasz) és nem szükségszerűen helyes más vegyszerek/termékek használatára.

Javasolt ezen biztonsági adatlap átadása az aktuális termék felhasználónak. Ezen biztonsági adatlapban lévő információk nem használandók termék specifikációként.

Országnyelv: HU-hu

LEMBAR DATA KESELAMATAN

iT.34 laundry stainremover pro active oxygen

1: IDENTIFIKASI ZAT/SEDIAAN DAN PERUSAHAAN/YANG MENANGANI

1.1. Pengenal produk

Nama produk:

iT.34 laundry stainremover pro active oxygen

1.2. Penggunaan zat atau campuran yang relevan dan penggunaan yang tidak dianjurkan

Penggunaan-penggunaan yang dianjurkan:

Deterjen dan bahan pembersih (termasuk yang berbasis pelarut)

Terbatas untuk penggunaan industri dan para profesional.

Penggunaan yang tidak disarankan:

Tidak diketahui.

1.3. Rincian pemasok lembar data keselamatan

Rincian perusahaan:

Hygeniq B.V.

Postbus 618

7500 AP Enschede

The Netherlands

+31 53 4282860

+31 53 5393865

www.hygeniq.com

Email:

info@hygeniq.com

Tanggal SDS:

15/08/2025

Versi SDS:

1.0

1.4. Nomor telepon darurat

Jika timbul kondisi darurat, hubungi 112 (layanan 24 jam)

Lihat bagian 4: Tindakan pertolongan pertama

2: IDENTIFIKASI BAHAYA

Bahan ini dianggap berbahaya oleh Nomor peraturan 23/M-IND/PER/4/2013 (GHS)

2.1. Klasifikasi bahaya produk (senyawa / campuran)

Met. Corr. 1; H290, Dapat menyebabkan korosif terhadap logam.

Acute Tox. 4; H302, Berbahaya bila tertelan.

Skin Irrit. 2; H315, Menyebabkan iritasi kulit.

Eye Dam. 1; H318, Menyebabkan kerusakan serius pada mata.

STOT SE 3; H336, Dapat menyebabkan mengantuk atau pusing.

2.2. Elemen label

Piktogram (simbol bahaya):



Kata sinyal:

Berbahaya

Pernyataan Bahaya:

Dapat menyebabkan korosif terhadap logam. (H290)

Berbahaya bila tertelan. (H302)

Menyebabkan iritasi kulit. (H315)

Menyebabkan kerusakan serius pada mata. (H318)

Dapat menyebabkan mengantuk atau pusing. (H336)

Pernyataan Kehati-hatian:

Umum:

Tidak berlaku.

Pencegahan:

Cuci tangan dan kulit terpapar seksama sesudah menanganinya. (P264)

Pakai pelindung mata/sarung tangan pelindung/pakaian pelindung. (P280)

Tanggapan:

JIKA TERKENA MATA : Bilas dengan seksama dengan air untuk beberapa menit. Lepaskan lensa kontak jika memakainya dan mudah melakukannya. Lanjutkan membilas. (P305+P351+P338)

Serap tumpahan untuk mencegah kerusakan material. (P390)

Penyimpanan:

Simpan dalam wadah dengan lapisan dalam yang tahan. (P406)

Pembuangan:

Buang isi/wadah sesuai dengan peraturan lokal (P501)

Komponen-komponen yang berbahaya:

hydrogen peroxide

Pelabelan tambahan:

Tidak berlaku.

3: KOMPOSISI / INFORMASI TENTANG BAHAN PENYUSUN SENYAWA TUNGGAL

3.1. Zat

Tidak berlaku. Produk ini adalah campuran.

3.2. Campuran

Produk/bahan	Pengidentifikasi	% w/w	Klasifikasi	Catatan
hydrogen peroxide	CAS: 7722-84-1 EC: 231-765-0	30-50%	Ox. Liq. 1, H271 Acute Tox. 4, H302 Skin Corr. 1A, H314 (SCL: 70,00 %) Skin Corr. 1B, H314 (SCL: 50,00 %) Skin Irrit. 2, H315 (SCL: 35,00 %) Eye Dam. 1, H318 (SCL: 8,00 %) Eye Irrit. 2, H319 (SCL: 5,00 %)	

		Acute Tox. 4, H332 STOT SE 3, H336 (SCL: 35,00 %)	

Lihat teks lengkap frase-H pada bagian 16. Batas paparan kerja tercantum di bagian 8, jika sudah tersedia.

Informasi Lain

4: TINDAKAN PERTOLONGAN PERTAMA PADA KECELAKAAN

4.1. Deskripsi langkah-langkah pertolongan pertama

Umum:

Jika terjadi kecelakaan: Hubungi dokter atau bagian kecelakaan – bawa label atau lembar data keselamatan ini. Hubungi dokter jika ragu-ragu dengan kondisi korban cedera atau jika gejalanya terus berlanjut. Jangan sekali-kali memberi minum korban tak sadarkan diri dengan air putih atau minuman lain.

Penghirupan:

Saat terhirup, sesak atau iritasi saluran napas: Bawa korban ke tempat berudara segar dan tetapkanlah bersamanya.

Kena kulit:

JIKA TERKENA KULIT: Cuci dengan banyak air/sabun dan air. Lepas pakaian dan sepatu yang terkontaminasi. Pastikan mencuci kulit terpapar dengan air dan sabun sampai bersih. JANGAN menggunakan pelarut atau pengencer. Jika iritasi kulit terjadi: Dapatkan nasehat/perhatian pengobatan.

Kena mata:

Jika pada mata: Bilas mata dengan air atau air garam yang banyak (20-30 °C) selama minimal 30 menit dan terus lakukan sampai iritasi hilang. Lepas lensa kontak. Pastikan bilasan mengenai kelopak mata atas dan bawah. Segera cari bantuan medis dan teruskan pembilasan.

Tertelan:

JIKA TERTELAN: Hubungi suatu PUSAT KERACUNAN/dokter/tenaga medis jika kamu merasa tidak sehat. Basuh mulut.

Luka bakar:

Tidak berlaku.

4.2. Gejala-gejala dan efek-efek yang utama, baik yang akut maupun tertunda

Produk ini mengandung zat-zat yang menyebabkan kerusakan mata serius. Kontak dengan zat-zat ini dapat menyebabkan dampak ireversibel pada mata / kerusakan mata serius.

4.3. Petunjuk pertolongan pertama dan perawatan khusus yang diperlukan

Jika terpapar atau dikuatirkan:
Dapatkan segera nasehat/perhatian medis.

Catatan untuk dokter

Bawa lembar data keselamatan ini atau label.

5: TINDAKAN PEMADAMAN KEBAKARAN

5.1. Media pemadam kebakaran/api

Tidak berlaku.

5.2. Bahaya-bahaya khusus yang akan muncul dari zat atau campuran

Kebakaran akan menyebabkan asap pekat. Paparan dari produk pembakaran bisa merusak kesehatan Anda. Wadah tertutup, yang terpapar api, harus didinginkan dengan air. Jangan biarkan air pemadam kebakaran masuk ke dalam

sistem saluran air atau genangan air di sekitar.

5.3. Saran untuk pemadam kebakaran

Kenakan alat bantu pernapasan SCBA dan pakaian pelindung untuk mencegah kontak. Saat terpapar langsung, hubungi layanan darurat (112) untuk mendapatkan saran lebih lanjut.

6: TINDAKAN PENANGGULANGAN JIKA TERJADI TUMPAHAN DAN KEBOCORAN

6.1. Langkah-langkah pencegahan diri, alat pelindung dan prosedur tanggap darurat

Hindari kontak langsung dengan materi tumpahan.
Pastikan ventilasinya memadai, terutama di area terbatas.
Hindari hirupan uap dari materi muntahan.
Area yang terkontaminasi mungkin licin.

6.2. Langkah-langkah pencegahan bagi lingkungan

Hindari kebocoran ke danau, sungai, saluran air, dll.
Jauhkan orang yang tidak berwenang dari tumpahan

6.3. Metode dan bahan penangkalan (containment) dan pembersihan

Tampung dan kumpulkan tumpahan dengan bahan penyerap yang tidak mudah terbakar, seperti pasir, tanah, tanah vermikulit atau diatom dan tempatkan dalam penampung yang sesuai untuk pembuangan berdasarkan peraturan lokal.

Jika memungkinkan, pembersihan dilakukan menggunakan bahan pembersih normal. Hindari penggunaan pelarut.

6.4. Referensi ke bagian-bagian lain

Lihat bagian 13 untuk tambahan informasi mengenai pembuangan limbah.
Lihat Bagian 8 untuk tambahan informasi kontrol paparan/perlindungan diri.

7: PENANGANAN DAN PENYIMPANAN

7.1. Langkah-langkah pencegahan untuk penanganan yang aman

Hindari kontak langsung dengan produk.
Dilarang merokok, minum, dan makan di tempat kerja.
Lihat bagian 'Kontrol paparan/perlindungan diri' untuk informasi tentang perlindungan diri.

7.2. Kondisi untuk penyimpanan yang aman, termasuk inkompatibilitas

Wadah yang sudah terbuka harus disegel ulang dengan hati-hati dan ditaruh tegak berdiri untuk mencegah kebocoran.

Simpan dalam wadah dengan lapisan dalam yang tahan.

Material penyimpanan yang direkomendasikan:

Jaga hanya disimpan dalam wadah aslinya.

Kondisi penyimpanan:

Kering, dingin, dan baik ventilasinya

Bahan-bahan yang tidak tercampurkan:

Jaga hanya disimpan dalam wadah aslinya.

7.3. Kegunaan(-kegunaan) akhir spesifik

Produk ini hanya boleh digunakan untuk penerapan yang tercantum di bagian 1.2.

8: KONTROL PAPARAN / PERLINDUNGAN DIRI

8.1. Paramater pengendalian

Tidak ada zat yang terdaftar dengan batas paparan pekerjaan.

8.2. Pengendalian paparan

Terapkan kontrol umum untuk mencegah paparan yang tidak perlu.

Rekomendasi umum:

Dilarang merokok, minum, dan makan di tempat kerja.

Skenario paparan:

Tidak ada skenario paparan yang diterapkan untuk produk ini.

Nilai batas paparan:

Batas paparan kerja belum ditetapkan untuk zat-zat yang terkandung dalam produk ini.

Teknik pengendalian yang benar:

Pastikan tempat pencuci mata dan pancuran keselamatan mudah dijangkau.

Terapkan tindakan pencegahan standar saat menggunakan produk. Hindari menghirup uap.

Tindakan Higienis:

Lepas pakaian yang terkontaminasi dan cuci sebelum digunakan ulang.

Pengendalian pemaparan lingkungan:

Tidak ada persyaratan khusus.

Tindakan perlindungan diri

Umum:

Cukup gunakan peralatan pelindung bertanda CE.

Perlindungan pernapasan:

Kondisi kerja	Tipe	Kelas	Warna	Standar	
Ketika ada risiko pembentukan kabut/aerosol	Masker utuh			EN136	

Perlindungan tubuh:

Disarankan	Tipe / Kategori	Standar	
Pakaian khusus kerja	-	-	

Perlindungan tangan:

Kondisi kerja	Bahan	Ketebalan sarung tangan (mm)	Waktu tembus (menit)	Standar	
Jika paparan berkepanjangan atau konsentrasi tinggi	Karet nitril	0,4	> 480	EN374-2, EN16523-1, EN388	
Jika paparan berkepanjangan atau konsentrasi tinggi	Karet butil	0,7	> 480	EN374-2, EN16523-1, EN388, EN421	

Perlindungan mata:

Tipe	Standar	
Kacamata pelindung dengan pelindung samping	EN166	

9: SIFAT FISIKA DAN KIMIA

9.1. Informasi sifat-sifat fisika dan kimia dasar

Bentuk fisik:

Cairan

Warna:

Bening

Bau:

Ciri khas

Ambang batas bau (ppm):

Data tidak tersedia.

pH:

2.5

Kerapatan (densitas) relatif (g/cm³):

1,1 (20 °C)

Kekentalan (viskositas):

Data tidak tersedia.

Karakteristik partikel:

Ne primjenjuje se na tekućine.

Perubahan fase

Titik lebur / titik beku (°C):

Data tidak tersedia.

Titik pelunakan/rentang (°C):

Ne primjenjuje se na tekućine.

Titik didih/jarak didih (°C):

100

Tekanan uap:

Data tidak tersedia.

Rapat (densitas) uap:

Data tidak tersedia.

Suhu penguraian (°C):

Data tidak tersedia.

Laju penguapan:

Data tentang bahaya kebakaran dan ledakan

Titik nyala (°C):

Data tidak tersedia.

Kemudahan-menyala (°C):

Data tidak tersedia.

Suhu dapat membakar sendiri (°C):

Data tidak tersedia.

Batas atas/bawah kemudahan terbakar atau batasan meledak (% v/v):

Data tidak tersedia.

Kelarutan

Kelarutan dalam air:

Terlalu mudah larut

Koefisien partisi (LogKow):

Data tidak tersedia.

Kelarutan dalam lemak (g/L):

Data tidak tersedia.

9.2. Informasi Lain

Parameter fisik dan kimia lainnya:

Data tidak tersedia.

Sifat pengoksidasi:

Data tidak tersedia.

10: STABILITAS DAN REAKTIFITAS

10.1. Reaktivitas

Data tidak tersedia.

10.2. Stabilitas kimia

Produk stabil dalam kondisi seperti yang tercantum di bagian 7 "Penanganan dan penyimpanan".

10.3. Reaksi berbahaya yang mungkin di bawah kondisi spesifik / khusus

Tidak diketahui.

10.4. Kondisi yang harus dihindari

Tidak diketahui.

10.5. Bahan-bahan yang tidak tercampurkan

Jaga hanya disimpan dalam wadah aslinya.

10.6. Hasil penguraian yang berbahaya

Saat disimpan dan digunakan dalam kondisi normal, produk dekomposisi berbahaya tidak boleh dihasilkan.

11: INFORMASI TOKSIKOLOGI

11.1. Informasi efek-efek toksikologi

Toksisitas akut

Produk/bahan	hydrogen peroxide
Spesies:	Tikus besar
Rute Paparan:	Lisan
Uji:	LD50
Hasil:	1.193 - 1.270 mg/L

Produk/bahan	hydrogen peroxide
Spesies:	Kelinci
Rute Paparan:	Kulit
Uji:	LD50
Hasil:	>2.000 (35% oplossing) mg/kg

Berbahaya bila tertelan.

Iritasi/korosif

Produk/bahan	iT.34 laundry stainremover pro active oxygen
Hasil:	Efek tak diinginkan teramati (Menimbulkan iritasi)

Produk/bahan	hydrogen peroxide

Menurut Nomor peraturan 23/M-IND/PER/4/2013 (GHS)

Hasil: Efek tak diinginkan teramati (Menimbulkan iritasi)

Menyebabkan iritasi kulit.

Kerusakan/iritasi mata berat

Produk/bahan iT.34 laundry stainremover pro active oxygen

Hasil: Efek tak diinginkan teramati (Menyebabkan kerusakan serius pada mata)

Produk/bahan hydrogen peroxide

Hasil: Efek tak diinginkan teramati (Menyebabkan kerusakan serius pada mata)

Menyebabkan kerusakan serius pada mata.

Kepekaan pernafasan

Produk/bahan hydrogen peroxide

Hasil: Efek tak diinginkan tidak teramati (tidak membuat peka)

Berdasarkan data yang tersedia, kriteria klasifikasi tidak terpenuhi.

Kepekaan kulit

Berdasarkan data yang tersedia, kriteria klasifikasi tidak terpenuhi.

Mutagenisitas sel kuman

Berdasarkan data yang tersedia, kriteria klasifikasi tidak terpenuhi.

Karsinogenisitas

Produk/bahan hydrogen peroxide

Kesimpulan: Efek tak diinginkan tidak teramati

Berdasarkan data yang tersedia, kriteria klasifikasi tidak terpenuhi.

hydrogen peroxide : Zat ini telah dikelompokkan sebagai grup 3 oleh IARC.

Toksisitas reproduktif

Produk/bahan hydrogen peroxide

Kesimpulan: Efek tak diinginkan tidak teramati

Berdasarkan data yang tersedia, kriteria klasifikasi tidak terpenuhi.

Tosisitas sistemik pada organ target spesifik karena paparan tunggal

Dapat menyebabkan mengantuk atau pusing.

Toksisitas sistemik pada organ target spesifik karena paparan berulang

Berdasarkan data yang tersedia, kriteria klasifikasi tidak terpenuhi.

Bahaya aspirasi

Produk/bahan hydrogen peroxide

Berdasarkan data yang tersedia, kriteria klasifikasi tidak terpenuhi.

Berpotensi efek kesehatan yang kronis

Produk ini mengandung zat-zat yang menyebabkan kerusakan mata serius. Kontak dengan zat-zat ini dapat menyebabkan dampak ireversibel pada mata / kerusakan mata serius.

12: INFORMASI EKOLOGI

12.1. Toksisitas

Produk/bahan hydrogen peroxide
 Spesies: Ikan, Pimephales promelas
 Durasi: 96 jam
 Uji: LC50
 Hasil: 16,4 mg/L

Produk/bahan hydrogen peroxide

Menurut Nomor peraturan 23/M-IND/PER/4/2013 (GHS)

Spesies:	Ikan, <i>Leuciscus idus</i>
Durasi:	72 jam
Uji:	LC50
Hasil:	35 mg/L

Produk/bahan	hydrogen peroxide
Spesies:	Ikan, <i>Oncorhynchus mykiss</i>
Durasi:	7 hari
Uji:	LC50
Hasil:	38,5 mg/L

Produk/bahan	hydrogen peroxide
Spesies:	<i>Daphnia pulex</i>
Durasi:	48 jam
Uji:	EC50
Hasil:	2,4 mg/L

Produk/bahan	hydrogen peroxide
Spesies:	<i>Daphnia magna</i>
Durasi:	24 jam
Uji:	EC50
Hasil:	7,7 mg/L

Produk/bahan	hydrogen peroxide
Spesies:	<i>Skeletonema costatum</i>
Durasi:	72 jam
Uji:	EC50
Hasil:	1,38 mg/L

Produk/bahan	hydrogen peroxide
Metode pengujian:	OECD 209
Spesies:	Bakteri
Lingkungan:	Pabrik Limbah Padat Aktif
Durasi:	30 minutes
Uji:	EC50
Hasil:	466 mg/L

Produk/bahan	hydrogen peroxide
Metode pengujian:	OECD 209
Spesies:	Bakteri
Lingkungan:	Pabrik Limbah Padat Aktif
Durasi:	3 jam
Uji:	EC50
Hasil:	> 1.000 mg/L

Berdasarkan data yang tersedia, kriteria klasifikasi tidak terpenuhi.

12.2. Ketahanan dan tingkat degradasi

Produk/bahan	hydrogen peroxide
Kesimpulan:	Mudah terurai secara hayati

12.3. Potensi bioakumulasi

Produk/bahan	hydrogen peroxide
LogKow:	-1,57
Kesimpulan:	-

12.4. Mobilitas dalam tanah

Menurut Nomor peraturan 23/M-IND/PER/4/2013 (GHS)

Data tidak tersedia.

12.5. Hasil penilaian PBT dan vPvB

Campuran/produk ini tidak mengandung zat apa pun yang dianggap memenuhi kriteria yang mengelompokkannya sebagai PBT dan/atau vPvB.

12.6. Efek merugikan lainnya

Tidak diketahui.

13: PEMBUANGAN LIMBAH

Metoda pengolahan limbah

Produk ini diatur dalam peraturan tentang limbah berbahaya (B3).

Buang isi/wadah ke tempat pembuangan limbah yang disetujui.

Pelabelan khusus

Kemasan

Kemasan yang mengandung sisa-sisa produk harus dibuang bersama produk dengan cara yang sama.

14: INFORMASI TRANSPORTASI

	14.1 UN	14.2 Nama pengapalan yang sesuai	14.3 Kelas	14.4 PG*	14.5 Env**	Informasi Lain:
ADR	UN2014	HYDROGEN PEROXIDE, AQUEOUS SOLUTION with not less than 20% but not more than 60% hydrogen peroxide (stabilized as necessary)	Kelas bahaya transportasi: 5.1 Kelas bahaya pengangkutan: 5.1+8 Kode klasifikasi: OC1  	II	Tidak	Jumlah terbatas: 1 L Kode pembatasan terowongan: (E) Lihat di bawah untuk tambahan informasi
IMDG	UN2014	HYDROGEN PEROXIDE, AQUEOUS SOLUTION with not less than 20% but not more than 60% hydrogen peroxide (stabilized as necessary)	Kelas bahaya transportasi: 5.1 Kelas bahaya pengangkutan: 5.1+8 Kode klasifikasi: OC1  	II	Tidak	Jumlah terbatas: 1 L EmS: F-H S-Q Lihat di bawah untuk tambahan informasi
IATA	UN2014	HYDROGEN PEROXIDE, AQUEOUS SOLUTION with not less than 20% but not more than 60% hydrogen peroxide (stabilized as necessary)	Kelas bahaya transportasi: 5.1 Kelas bahaya pengangkutan: 5.1+8 Kode klasifikasi: OC1  	II	Tidak	Lihat di bawah untuk tambahan informasi

* Kelompok pengemasan

** Bahaya lingkungan

Informasi tamba

Produk ini berada dalam ruang lingkup peraturan pengangkutan barang-barang berbahaya.

ADR / Lihat Tabel A, Bagian 3.2.1 untuk setiap informasi tentang ketentuan khusus, persyaratan, atau peringatan sehubungan dengan pengangkutan. Lihat bagian 5.4.3 untuk petunjuk tertulis tentang mitigasi kerusakan terkait dengan insiden atau kecelakaan dalam pengangkutan.

IMGD / Lihat Bagian 3.2.1 untuk setiap informasi tentang ketentuan khusus, persyaratan, atau peringatan sehubungan dengan pengangkutan.

IATA / Lihat Tabel 4.2 untuk setiap informasi tentang ketentuan khusus, persyaratan, atau peringatan sehubungan dengan pengangkutan.

14.6. Tindakan kehati-hatian khusus bagi pengguna

Tidak berlaku.

14.7. Transport dalam jumlah besar (bulk) sesuai Annex II MARPOL dan kode IBC

Data tidak tersedia.

15: INFORMASI YANG BERKAITAN DENGAN REGULASI

15.1. Keselamatan, kesehatan dan peraturan lingkungan alam/perundang-undangan spesifik untuk zat atau campuran

Batasan aplikasi:

Terbatas untuk penggunaan industri dan para profesional.

Tuntutan akan pendidikan khusus:

Tidak ada persyaratan khusus.

Informasi tambahan:

Tidak berlaku.

Sumber:

Peraturan Pemerintah Republik Indonesia Nomor 74 Tahun 2001 tentang Pengelolaan Bahan Berbahaya dan Beracun
Nomor peraturan 23/M-IND/PER/4/2013 (GHS)

15.2. Penilaian keamanan kimiawi

Tidak

16. INFORMASI LAIN

Teks lengkap frasa-H sebagaimana yang tercantum pada bagian 3

H271, Dapat menyebabkan nyala atau ledakan; oksidator kuat.

H302, Berbahaya bila tertelan.

H314, Menyebabkan luka bakar yang parah pada kulit dan kerusakan mata.

H315, Menyebabkan iritasi kulit.

H318, Menyebabkan kerusakan serius pada mata.

H319, Menyebabkan iritasi serius pada mata.

H332, Berbahaya bila terhirup.

H336, Dapat menyebabkan mengantuk atau pusing.

Teks lengkap penggunaan yang sudah dikenal sebagaimana yang tercantum pada bagian 1

Tidak diketahui.

Singkatan dan akronim

ADN = Ketentuan Eropa terkait Pengangkutan Internasional Bahan-Bahan Berbahaya melalui Jalur Pelayaran Dalam Pulau
ADR = Kesepakatan Eropa terkait Pengangkutan Internasional Bahan-Bahan Berbahaya melalui Jalur Darat
ATE = Estimasi Toksisitas Akut
BCF = Faktor Biokonsentrasi
CAS = Layanan Abstrak Kimia
EINECS = Inventaris Eropa untuk Zat-Zat Kimia Komersial yang Sudah Ada
GHS = Sistem Harmonisasi Global untuk Klasifikasi dan Pelabelan Zat-Zat Kimia
IARC = Badan Riset Kanker Internasional
IATA = Asosiasi Transportasi Udara Internasional
IMDG = Bahan-Bahan yang Membahayakan Laut Internasional
LogPow = logaritma koefisien partisi oktanol/air
MARPOL = Konvensi Internasional bagi Pencegahan Polusi Dari Kapal, 1973 sebagaimana diubah berdasarkan Protokol 1978. ("Marpol" = pencemaran laut)
OECD = Organisasi Kerja sama dan Pembangunan Ekonomi
RID = Peraturan terkait Pengangkutan Internasional Bahan-Bahan Berbahaya dengan Kereta Api
SCL = Batas konsentrasi khusus.
STEL = Batas paparan jangka pendek
STOT-RE = Toksisitas Organ Sasaran Khusus - Paparan Berulang
STOT-SE = Toksisitas Organ Sasaran Khusus - Paparan Tunggal
TWA = Rerata tertimbang waktu
UN = Perserikatan Bangsa-Bangsa
VOC = Senyawa Organik Volatil

Informasi tambahan

Klasifikasi campuran terkait bahaya kesehatan sesuai dengan metode perhitungan yang diberikan oleh Nomor peraturan 23/M-IND/PER/4/2013 (GHS).

Lembar data keselamatan disahkan oleh

Quality & Compliance

Informasi Lain

Perubahan (selaras dengan perubahan besar terakhir (nol pertama menurut versi SDS, lihat bagian 1)) ditandai dengan segitiga.

Informasi dalam lembar data keselamatan ini hanya berlaku untuk produk khusus ini (yang disebutkan di bagian 1) dan tidak serta-merta tepat untuk digunakan bersama dengan zat kimia/produk lain.

Lembar data keselamatan ini hendaknya diberikan kepada pengguna aktual produk ini. Informasi dalam lembar data keselamatan ini tidak boleh digunakan sebagai spesifikasi produk.

Negara-bahasa: ID-id

SAFETY DATA SHEET

iT.34 laundry stainremover pro active oxygen

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Trade name:

iT.34 laundry stainremover pro active oxygen

Unique formula identifier (UFI):

KWY8-NP0S-J88H-EC1G

1.2. Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses of the substance or mixture:

Washing and cleaning products (including solvent based products)

Restricted to professional users.

Uses advised against :

None known.

1.3. Details of the supplier of the safety data sheet

Company and address:

Hygeniq B.V.

Postbus 618

7500 AP Enschede

The Netherlands

+31 53 4282860

+31 53 5393865

www.hygeniq.com

E-mail:

info@hygeniq.com

Revision:

15/08/2025

SDS Version:

1.0

1.4. Emergency telephone number

The National Poisons Information Centre (NPIC)

Public: +353 (0) 1 809 2166 (7 days a week, 8am- 10pm)

Healthcare professionals: +353 (0) 1 809 2566 (24 h service)

See also section 4 "First aid measures"

SECTION 2: HAZARDS IDENTIFICATION

Classified according to Regulation (EC) No. 1272/2008 (CLP).

2.1. Classification of the substance or mixture

Met. Corr. 1; H290, May be corrosive to metals.
Acute Tox. 4; H302, Harmful if swallowed.
Skin Irrit. 2; H315, Causes skin irritation.
Eye Dam. 1; H318, Causes serious eye damage.
STOT SE 3; H336, May cause drowsiness or dizziness.

2.2. Label elements

Hazard pictogram(s):



Signal word:

Danger

Hazard statement(s):

May be corrosive to metals. (H290)
Harmful if swallowed. (H302)
Causes skin irritation. (H315)
Causes serious eye damage. (H318)
May cause drowsiness or dizziness. (H336)

Precautionary statement(s):

General:

Not applicable.

Prevention:

Wash hands and exposed skin thoroughly after handling. (P264)
Wear eye protection/protective gloves/protective clothing. (P280)

Response:

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.
Continue rinsing. (P305+P351+P338)
Absorb spillage to prevent material damage. (P390)

Storage:

Store in a container with a resistant inner liner. (P406)

Disposal:

Dispose of contents/container in accordance with local regulation.
(P501)

Hazardous substances:

hydrogen peroxide

Additional labelling:

UFI: KQY8-NP0S-J88H-EC1G

Labelling of contents according to Detergents Regulation (EC) No 648/2004 (applicable to packaging of detergents sold to the general public):

≥ 30%

· Oxygen-based bleaching Agents

2.3. Other hazards

Additional warnings:

This mixture/product does not contain any substances known to fulfil the criteria for PBT and vPvB classification.
This product does not contain any substances considered to be endocrine disruptors in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2023/707.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substances

Not applicable. This product is a mixture.

3.2. Mixtures

Product/substance	Identifiers	% w/w	Classification	Note
hydrogen peroxide	CAS No.: 7722-84-1 EC No.: 231-765-0 REACH: 01-2119485845-22-XXXX Index No.: 008-003-00-9	30-50%	Ox. Liq. 1, H271 Acute Tox. 4, H302 Skin Corr. 1A, H314 (SCL: 70.00 %) Skin Corr. 1B, H314 (SCL: 50.00 %) Skin Irrit. 2, H315 (SCL: 35.00 %) Eye Dam. 1, H318 (SCL: 8.00 %) Eye Irrit. 2, H319 (SCL: 5.00 %) Acute Tox. 4, H332 STOT SE 3, H336 (SCL: 35.00 %)	

See full text of H-phrases in section 16. Occupational exposure limits are listed in section 8, if these are available.

Other information

-

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

General information:

In the case of accident: Contact a doctor or casualty department – take the label or this safety data sheet.
Contact a doctor if in doubt about the injured person's condition or if the symptoms persist. Never give an unconscious person water or other drink.

Inhalation:

Upon breathing difficulties or irritation of the respiratory tract: Bring the person into fresh air and stay with him/her.

Skin contact:

IF ON SKIN: Wash with plenty of water/water and soap.
Remove contaminated clothing and shoes. Ensure to wash exposed skin thoroughly with water and soap. DO NOT use solvents or thinners.
If skin irritation occurs: Get medical advice/attention.

Eye contact:

If in eyes: Flush eyes with plenty of water or salt water (20-30 °C) for at least 30 minutes and continue until irritation stops. Remove contact lenses. Make sure you flush under the upper and lower eyelids. Seek medical assistance immediately and continue flushing during transport.

Ingestion:

IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.
Rinse mouth.

Burns:

Not applicable.

4.2. Most important symptoms and effects, both acute and delayed

The product contains substances that cause serious eye damage. Contact with these substances can cause irreversible effects on the eye / serious eye damage.

4.3. Indication of any immediate medical attention and special treatment needed

IF exposed or concerned:

Get immediate medical advice/attention.

Information to medics

Bring this safety data sheet or the label from this product.

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Not applicable.

5.2. Special hazards arising from the substance or mixture

Fire will result in dense smoke. Exposure to combustion products may harm your health. Closed containers, which are exposed to fire, should be cooled with water. Do not allow fire-extinguishing water to enter the sewage system and nearby surface waters.

5.3. Advice for firefighters

Wear self-contained breathing apparatus and protective clothing to prevent contact. Upon direct exposure contact the National Poisons Information Centre (NPIC) on +353 (0) 1 809 256 (24 h service) in order to obtain further advice.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Avoid direct contact with spilled substances.

Ensure adequate ventilation, especially in confined areas.

Avoid inhalation of vapours from spilled material.

Contaminated areas may be slippery.

6.2. Environmental precautions

Avoid discharge to lakes, streams, sewers, etc.

Keep unauthorized persons away from the spill

6.3. Methods and material for containment and cleaning up

Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations.

Wherever possible cleaning should be performed with normal cleaning agents. Avoid use of solvents.

6.4. Reference to other sections

See section 13 "Disposal considerations" on handling of waste.

See section 8 "Exposure controls/personal protection" for protective measures.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Avoid direct contact with the product.

Smoking, drinking and consumption of food is not allowed in the work area.

See section 8 "Exposure controls/personal protection" for information on personal protection.

7.2. Conditions for safe storage, including any incompatibilities

Containers that have been opened must be carefully resealed and kept upright to prevent leakage.

Store in a container with a resistant inner liner.

Recommended storage material:

Keep only in original packaging.

Storage conditions:

Dry, cool and well ventilated

Incompatible materials:

Keep only in original packaging.

7.3. Specific end use(s)

This product should only be used for applications quoted in section 1.2.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

hydrogen peroxide

Long term exposure limit (8 hours) (mg/m³): 1.5

Long term exposure limit (8 hours) (ppm): 1

Short term exposure limit (15 minutes) (mg/m³): 3

Short term exposure limit (15 minutes) (ppm): 2

2024 Code of Practice for the Safety, Health and Welfare at Work (Chemical Agents) Regulations (2001-2021) and the Safety, Health and Welfare at Work (Carcinogens, Mutagens and Reprotoxic Substances) Regulations (2024).

DNEL

hydrogen peroxide

Duration:	Route of exposure:	DNEL:
Long term – Local effects - General population	Inhalation	0,21 mg/m ³
Long term – Local effects - General population	Inhalation	210 µg/m ³
Long term – Local effects - Workers	Inhalation	1.4 mg/m ³
Short term – Local effects - General population	Inhalation	1.93 mg/m ³
Short term – Local effects - Workers	Inhalation	3 mg/m ³

PNEC

hydrogen peroxide

Route of exposure:	Duration of Exposure:	PNEC:
Freshwater		0,0126 mg/L
Freshwater		12.6 µg/L
Freshwater sediment		0,047 mg/kg
Freshwater sediment		47 µg/kg
Intermittent release (freshwater)		13.8 µg/L
Marine water		0,047 mg/L
Marine water		12.6 µg/L
Marine water sediment		0,047 mg/L
Marine water sediment		47 µg/kg
Sewage treatment plant		466 mg/L
Soil		0,023 mg/kg
Soil		1.9 µg/kg

8.2. Exposure controls

Compliance with the given occupational exposure limits values should be controlled on a regular basis.

General recommendations:

Smoking, drinking and consumption of food is not allowed in the work area.

Exposure scenarios:

There are no exposure scenarios implemented for this product.

Exposure limits:

Professional users are subjected to the legally set maximum concentrations for occupational exposure. See occupational hygiene limit values above.

Appropriate technical measures:

The formation of vapours must be kept at a minimum and below current limit values (see above). Installation of a local exhaust system if normal air flow in the work room is not sufficient is recommended. Ensure eyewash and emergency showers are clearly marked.

Ensure that eyewash stations and safety showers are located within easy reach.

Apply standard precautions during use of the product. Avoid inhalation of vapours.

Hygiene measures:

Take off contaminated clothing and wash it before reuse.

Measures to avoid environmental exposure:

No specific requirements.

Individual protection measures, such as personal protective equipment

Generally:

Use only CE marked protective equipment.

Respiratory Equipment:

Work situation	Type	Class	Colour	Standards	
When there is risk of formation of mist/aerosol	Full mask			EN136	

Skin protection:

Recommended	Type/Category	Standards	
Dedicated work clothing should be worn.	-	-	

Hand protection:

Work situation	Material	Glove thickness (mm)	Breakthrough time (min.)	Standards	
In the event of prolonged exposure or high concentrations	Nitrile	0.4	> 480	EN374-2, EN16523-1, EN388	
In the event of prolonged exposure or high concentrations	Butyl	0,7	> 480	EN374-2, EN16523-1, EN388, EN421	

Eye protection:

Type	Standards	
Safety glasses with side shields.	EN166	

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Physical state:

Liquid

Colour:

Colourless

Odour / Odour threshold:

Characteristic

pH:

2.5

Density (g/cm³):

1.1 (20 °C)

Kinematic viscosity:

No data available.

Particle characteristics:

Does not apply to liquids.

Phase changes

Melting point/Freezing point (°C):

No data available.

Softening point/range (°C):

Does not apply to liquids.

Boiling point (°C):

100

Vapour pressure:

No data available.

Relative vapour density:

No data available.

Decomposition temperature (°C):

No data available.

Data on fire and explosion hazards

Flash point (°C):

No data available.

Flammability (°C):

No data available.

Auto-ignition temperature (°C):

No data available.

Lower and upper explosion limit (% v/v):

No data available.

Solubility

Solubility in water:

Completely soluble

n-octanol/water coefficient (LogKow):

No data available.

Solubility in fat (g/L):

No data available.

9.2. Other information

Other physical and chemical parameters:

No data available.

Oxidizing properties:

No data available.

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

No data available.

10.2. Chemical stability

The product is stable under the conditions, noted in section 7 "Handling and storage".

10.3. Possibility of hazardous reactions

None known.

10.4. Conditions to avoid

None known.

10.5. Incompatible materials

Keep only in original packaging.

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity

Product/substance	hydrogen peroxide
Species:	Rat
Route of exposure:	Oral
Test:	LD50
Result:	1.193 - 1.270 mg/L

Product/substance	hydrogen peroxide
Species:	Rabbit
Route of exposure:	Dermal
Test:	LD50
Result:	>2.000 (35% oplossing) mg/kg

Harmful if swallowed.

Skin corrosion/irritation

Product/substance	iT.34 laundry stainremover pro active oxygen
Result:	Adverse effect observed (Irritating)

According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

Product/substance	hydrogen peroxide
Result:	Adverse effect observed (Irritating)

Causes skin irritation.

Serious eye damage/irritation

Product/substance	iT.34 laundry stainremover pro active oxygen
Result:	Adverse effect observed (Causes serious eye damage)

Product/substance	hydrogen peroxide
Result:	Adverse effect observed (Causes serious eye damage)

Causes serious eye damage.

Respiratory sensitisation

Product/substance	hydrogen peroxide
Result:	No adverse effect observed (not sensitising)

Based on available data, the classification criteria are not met.

Skin sensitisation

Based on available data, the classification criteria are not met.

Germ cell mutagenicity

Based on available data, the classification criteria are not met.

Carcinogenicity

Product/substance	hydrogen peroxide
Conclusion:	No adverse effect observed

Based on available data, the classification criteria are not met.

Reproductive toxicity

Product/substance	hydrogen peroxide
Conclusion:	No adverse effect observed

Based on available data, the classification criteria are not met.

STOT-single exposure

May cause drowsiness or dizziness.

STOT-repeated exposure

Based on available data, the classification criteria are not met.

Aspiration hazard

Product/substance	hydrogen peroxide
Based on available data, the classification criteria are not met.	

11.2. Information on other hazards

Long term effects

The product contains substances that cause serious eye damage. Contact with these substances can cause irreversible effects on the eye / serious eye damage.

Endocrine disrupting properties

This mixture/product does not contain any substances known to have hormone-disrupting properties in relation to health.

Other information

hydrogen peroxide has been classified by IARC as a group 3 carcinogen.

SECTION 12: ECOLOGICAL INFORMATION

According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

12.1. Toxicity

Product/substance: hydrogen peroxide
Species: Fish, Pimephales promelas
Duration: 96 hours
Test: LC50
Result: 16,4 mg/L

Product/substance: hydrogen peroxide
Species: Fish, Leuciscus idus
Duration: 72 hours
Test: LC50
Result: 35 mg/L

Product/substance: hydrogen peroxide
Species: Fish, Oncorhynchus mykiss
Duration: 7 days
Test: LC50
Result: 38,5 mg/L

Product/substance: hydrogen peroxide
Species: Daphnia pulex
Duration: 48 hours
Test: EC50
Result: 2,4 mg/L

Product/substance: hydrogen peroxide
Species: Daphnia magna
Duration: 24 hours
Test: EC50
Result: 7,7 mg/L

Product/substance: hydrogen peroxide
Species: Skeletonema costatum
Duration: 72 hours
Test: EC50
Result: 1,38 mg/L

Product/substance: hydrogen peroxide
Test method: OECD 209
Species: Bacteria
Compartment: Activated Sludge Plant
Duration: 30 minutes
Test: EC50
Result: 466 mg/L

Product/substance: hydrogen peroxide
Test method: OECD 209
Species: Bacteria
Compartment: Activated Sludge Plant
Duration: 3 hours
Test: EC50
Result: > 1.000 mg/L

Based on available data, the classification criteria are not met.

12.2. Persistence and degradability

Product/substance: hydrogen peroxide

According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

Conclusion: Readily biodegradable

12.3. Bioaccumulative potential

Product/substance hydrogen peroxide

LogKow: -1,57

Conclusion: -

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

This mixture/product does not contain any substances known to fulfil the criteria for PBT and vPvB classification.

12.6. Endocrine disrupting properties

Product/substance iT.34 laundry stainremover pro active oxygen

Conclusion: No adverse effect observed

This mixture/product does not contain any substances considered to have endocrine-disrupting properties in relation to the environment.

12.7. Other adverse effects

None known.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Product is covered by the regulations on hazardous waste. (*)

HP 6 - Acute toxicity

HP 8 - Corrosive

Dispose of contents/container to an approved waste disposal plant.

Commission Regulation (EU) No 1357/2014 of 18 December 2014 on waste.

EWC code:

20 01 29* Detergents containing dangerous substances

Contaminated packing

Packaging containing residues of the product must be disposed of similarly to the product.

SECTION 14: TRANSPORT INFORMATION

	14.1 UN / ID	14.2 UN proper shipping name	14.3 Hazard class(es)	14.4 PG*	14.5 Env**	Other information:
ADR	UN2014	HYDROGEN PEROXIDE, AQUEOUS SOLUTION with not less than 20% but not more than 60% hydrogen peroxide (stabilized as necessary)	Transport hazard class: 5.1 Label: 5.1+8 Classification code: OC1  	II	No	Limited quantities: 1 L Tunnel restriction code: (E) See below for additional information.
IMDG	UN2014	HYDROGEN PEROXIDE, AQUEOUS SOLUTION with not less than 20% but	Transport hazard class: 5.1 Label: 5.1+8	II	No	Limited quantities:

According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

	14.1 UN / ID	14.2 UN proper shipping name	14.3 Hazard class(es)	14.4 PG*	14.5 Env**	Other informatio n:
		not more than 60% hydrogen peroxide (stabilized as necessary)	Classification code: OC1  			1 L EmS: F-H S-Q See below for additional information.
IATA	UN2014	HYDROGEN PEROXIDE, AQUEOUS SOLUTION with not less than 20% but not more than 60% hydrogen peroxide (stabilized as necessary)	Transport hazard class: 5.1 Label: 5.1+8 Classification code: OC1  	II	No	See below for additional information.

* Packing group

** Environmental hazards

Additional information

This product is within scope of the regulations of transport of dangerous goods.

ADR / See Table A, section 3.2.1 for any information on special provisions, requirements, or warnings in connection with transport. See section 5.4.3, for instructions in writing regarding mitigation of damages in relation to incidents or accidents during transport.

IMDG / See section 3.2.1, for any information on special provisions, requirements, or warnings in connection with transport.

IATA / See Table 4.2 for any information on special provisions, requirements, or warnings in connection with transport.

14.6. Special precautions for user

Not applicable.

14.7. Maritime transport in bulk according to IMO instruments

No data available.

SECTION 15: REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Restrictions for application:

Restricted to professional users.

Demands for specific education:

No specific requirements.

SEVESO - Categories / dangerous substances:

Not applicable.

Regulation on explosives precursors:

hydrogen peroxide (Annex I)

Labelling of contents according to Detergents Regulation (EC) No 648/2004:

≥ 30%

· Oxygen-based bleaching Agents

Additional information:

Not applicable.

Sources:

Protection of Young Persons (Employment) Act, 1996
Regulation (EC) No 648/2004 of the European Parliament and of the Council of 31 March 2004 on detergents.
Commission Regulation (EU) No 1357/2014 of 18 December 2014 on waste.
Council Regulation (EC) No 2019/1148 on explosives precursors.
Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (CLP).
Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

15.2. Chemical safety assessment

No

SECTION 16: OTHER INFORMATION

Full text of H-phrases as mentioned in section 3

H271, May cause fire or explosion; strong oxidiser.
H302, Harmful if swallowed.
H314, Causes severe skin burns and eye damage.
H315, Causes skin irritation.
H318, Causes serious eye damage.
H319, Causes serious eye irritation.
H332, Harmful if inhaled.
H336, May cause drowsiness or dizziness.

Abbreviations and acronyms

ADN = European Provisions concerning the International Carriage of Dangerous Goods by Inland Waterway
ADR = The European Agreement concerning the International Carriage of Dangerous Goods by Road
ATE = Acute Toxicity Estimate
BCF = Bioconcentration Factor
CAS = Chemical Abstracts Service
CE = Conformité Européenne (European conformity)
CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]
CSA = Chemical Safety Assessment
CSR = Chemical Safety Report
DMEL = Derived Minimal Effect Level
DNEL = Derived No Effect Level
EINECS = European Inventory of Existing Commercial chemical Substances
ES = Exposure Scenario
EUH statement = CLP-specific Hazard statement
EuPCS = European Product Categorisation System
EWC = European Waste Catalogue
GHS = Globally Harmonized System of Classification and Labelling of Chemicals
GWP = Global warming potential
IARC = International Agency for Research on Cancer (IARC)
IATA = International Air Transport Association
IBC = Intermediate Bulk Container
IMDG = International Maritime Dangerous Goods
LogPow = logarithm of the octanol/water partition coefficient
MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)
OECD = Organisation for Economic Co-operation and Development
PBT = Persistent, Bioaccumulative and Toxic
PNEC = Predicted No Effect Concentration

According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

RID = The Regulations concerning the International Carriage of Dangerous Goods by Rail
RRN = REACH Registration Number
SCL = A specific concentration limit
SVHC = Substances of Very High Concern
STOT-RE = Specific Target Organ Toxicity - Repeated Exposure
STOT-SE = Specific Target Organ Toxicity - Single Exposure
TWA = Time weighted average
UN = United Nations
UVBC = Unknown or variable composition, complex reaction products or of biological materials
VOC = Volatile Organic Compound
vPvB = Very Persistent and Very Bioaccumulative

Additional information

The classification of the mixture in regard of health hazards is in accordance with the calculation methods given by Regulation (EC) No. 1272/2008 (CLP).

The safety data sheet is validated by

Quality & Compliance

Other

A change (in proportion to the last essential change (first cipher in SDS version, see section 1)) is marked with a triangle.

The information in this safety data sheet applies only to this specific product (mentioned in section 1) and is not necessarily correct for use with other chemicals/products.

It is recommended to hand over this safety data sheet to the actual user of the product. Information in this safety data sheet cannot be used as a product specification.

Country-language: IE-en

SAFETY DATA SHEET

iT.34 laundry stainremover pro active oxygen

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Trade name:

iT.34 laundry stainremover pro active oxygen

Unique formula identifier (UFI):

KWY8-NP0S-J88H-EC1G

1.2. Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses of the substance or mixture:

Washing and cleaning products (including solvent based products)

Restricted to professional users.

Uses advised against :

None known.

1.3. Details of the supplier of the safety data sheet

Company and address:

Hygeniq B.V.

Postbus 618

7500 AP Enschede

The Netherlands

+31 53 4282860

+31 53 5393865

www.hygeniq.com

E-mail:

info@hygeniq.com

Revision:

15/08/2025

SDS Version:

1.0

1.4. Emergency telephone number

Israel Poison Information Center

Acute poisoning (hotline): 04-7771900 (24h service).

For drug information and consultations pertaining to exposure of pregnant or breast feeding women to drugs, chemicals, and other poisons the center can be called Sundays through Thursdays between 09:00 to 15:00.

See section 4 "First aid measures".

SECTION 2: HAZARDS IDENTIFICATION

Classified according to Israeli Standard SI 2302.

Classified according to Regulation (EC) No. 1272/2008 (CLP).

2.1. Classification of the substance or mixture

Met. Corr. 1; H290, May be corrosive to metals.
Acute Tox. 4; H302, Harmful if swallowed.
Skin Irrit. 2; H315, Causes skin irritation.
Eye Dam. 1; H318, Causes serious eye damage.
STOT SE 3; H336, May cause drowsiness or dizziness.

2.2. Label elements

Hazard pictogram(s):



Signal word:

Danger

Hazard statement(s):

May be corrosive to metals. (H290)
Harmful if swallowed. (H302)
Causes skin irritation. (H315)
Causes serious eye damage. (H318)
May cause drowsiness or dizziness. (H336)

Precautionary statement(s):

General:

Not applicable.

Prevention:

Wash hands and exposed skin thoroughly after handling. (P264)
Wear eye protection/protective gloves/protective clothing. (P280)

Response:

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.
Continue rinsing. (P305+P351+P338)
Absorb spillage to prevent material damage. (P390)

Storage:

Store in a container with a resistant inner liner. (P406)

Disposal:

Dispose of contents/container in accordance with local regulation.
(P501)

Hazardous substances:

hydrogen peroxide

Additional labelling:

UFI: KWY8-NP0S-J88H-EC1G

2.3. Other hazards

Additional warnings:

This mixture/product does not contain any substances known to fulfil the criteria for PBT and vPvB classification.
This product does not contain any substances considered to be endocrine disruptors in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2023/707.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substances

Not applicable. This product is a mixture.

3.2. Mixtures

Product/substance	Identifiers	% w/w	Classification	Note
hydrogen peroxide	CAS No.: 7722-84-1 EC No.: 231-765-0 REACH: 01-2119485845-22-XXXX Index No.: 008-003-00-9	30-50%	Ox. Liq. 1, H271 Acute Tox. 4, H302 Skin Corr. 1A, H314 (SCL: 70.00 %) Skin Corr. 1B, H314 (SCL: 50.00 %) Skin Irrit. 2, H315 (SCL: 35.00 %) Eye Dam. 1, H318 (SCL: 8.00 %) Eye Irrit. 2, H319 (SCL: 5.00 %) Acute Tox. 4, H332 STOT SE 3, H336 (SCL: 35.00 %)	

See full text of H-phrases in section 16. Occupational exposure limits are listed in section 8, if these are available.

Other information

-

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

General information:

In the case of accident: Contact a doctor or casualty department – take the label or this safety data sheet.
Contact a doctor if in doubt about the injured person's condition or if the symptoms persist. Never give an unconscious person water or other drink.

Inhalation:

Upon breathing difficulties or irritation of the respiratory tract: Bring the person into fresh air and stay with him/her.

Skin contact:

IF ON SKIN: Wash with plenty of water/water and soap.
Remove contaminated clothing and shoes. Ensure to wash exposed skin thoroughly with water and soap. DO NOT use solvents or thinners.
If skin irritation occurs: Get medical advice/attention.

Eye contact:

If in eyes: Flush eyes with plenty of water or salt water (20-30 °C) for at least 30 minutes and continue until irritation stops. Remove contact lenses. Make sure you flush under the upper and lower eyelids. Seek medical assistance immediately and continue flushing during transport.

Ingestion:

IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.
Rinse mouth.

Burns:

Not applicable.

4.2. Most important symptoms and effects, both acute and delayed

The product contains substances that cause serious eye damage. Contact with these substances can cause irreversible effects on the eye / serious eye damage.

4.3. Indication of any immediate medical attention and special treatment needed

IF exposed or concerned:

Get immediate medical advice/attention.

Information to medics

Bring this safety data sheet or the label from this product.

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Not applicable.

5.2. Special hazards arising from the substance or mixture

Fire will result in dense smoke. Exposure to combustion products may harm your health. Closed containers, which are exposed to fire, should be cooled with water. Do not allow fire-extinguishing water to enter the sewage system and nearby surface waters.

5.3. Advice for firefighters

Wear self-contained breathing apparatus and protective clothing to prevent contact. Upon direct exposure contact the Israel Poison Information Center hotline: 04-7771900 (24h service) in order to obtain further advice.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Avoid direct contact with spilled substances.

Ensure adequate ventilation, especially in confined areas.

Avoid inhalation of vapours from spilled material.

Contaminated areas may be slippery.

6.2. Environmental precautions

Avoid discharge to lakes, streams, sewers, etc.

Keep unauthorized persons away from the spill

6.3. Methods and material for containment and cleaning up

Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations.

Wherever possible cleaning should be performed with normal cleaning agents. Avoid use of solvents.

6.4. Reference to other sections

See section 13 "Disposal considerations" on handling of waste.

See section 8 "Exposure controls/personal protection" for protective measures.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Avoid direct contact with the product.

Smoking, drinking and consumption of food is not allowed in the work area.

See section 8 "Exposure controls/personal protection" for information on personal protection.

7.2. Conditions for safe storage, including any incompatibilities

Containers that have been opened must be carefully resealed and kept upright to prevent leakage.

Store in a container with a resistant inner liner.

Recommended storage material:

Keep only in original packaging.

Storage conditions:

Dry, cool and well ventilated

Incompatible materials:

Keep only in original packaging.

7.3. Specific end use(s)

This product should only be used for applications quoted in section 1.2.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

hydrogen peroxide

Long term exposure limit (OSHA Table Z-1) (mg/m³): 1.4

Long term exposure limit (OSHA Table Z-1) (ppm): 1

Long term exposure limit (ACGIH TLV) (ppm): 1

Part 1910 - Occupational Safety and Health Standards (29 CFR 1910.1000 TABLE Z-1 - Limits for Air Contaminants)

DNEL

hydrogen peroxide

Duration:	Route of exposure:	DNEL:
Long term – Local effects - General population	Inhalation	0,21 mg/m ³
Long term – Local effects - General population	Inhalation	210 µg/m ³
Long term – Local effects - Workers	Inhalation	1.4 mg/m ³
Short term – Local effects - General population	Inhalation	1.93 mg/m ³
Short term – Local effects - Workers	Inhalation	3 mg/m ³

PNEC

hydrogen peroxide

Route of exposure:	Duration of Exposure:	PNEC:
Freshwater		0,0126 mg/L
Freshwater		12.6 µg/L
Freshwater sediment		0,047 mg/kg
Freshwater sediment		47 µg/kg
Intermittent release (freshwater)		13.8 µg/L
Marine water		0,047 mg/L
Marine water		12.6 µg/L
Marine water sediment		0,047 mg/L
Marine water sediment		47 µg/kg
Sewage treatment plant		466 mg/L
Soil		0,023 mg/kg
Soil		1.9 µg/kg

8.2. Exposure controls

Compliance with the given occupational exposure limits values should be controlled on a regular basis.

General recommendations:

Smoking, drinking and consumption of food is not allowed in the work area.

Exposure scenarios:

There are no exposure scenarios implemented for this product.

Exposure limits:

Professional users are subjected to the legally set maximum concentrations for occupational exposure. See occupational hygiene limit values above.

Appropriate technical measures:

The formation of vapours must be kept at a minimum and below current limit values (see above). Installation of a local exhaust system if normal air flow in the work room is not sufficient is recommended. Ensure eyewash and emergency showers are clearly marked.

Ensure that eyewash stations and safety showers are located within easy reach.

Apply standard precautions during use of the product. Avoid inhalation of vapours.

Hygiene measures:

Take off contaminated clothing and wash it before reuse.

Measures to avoid environmental exposure:

No specific requirements.

Individual protection measures, such as personal protective equipment

Generally:

Use only CE marked protective equipment.

Respiratory Equipment:

Work situation	Type	Class	Colour	Standards	
When there is risk of formation of mist/aerosol	Full mask			EN136	

Skin protection:

Recommended	Type/Category	Standards	
Dedicated work clothing should be worn.	-	-	

Hand protection:

Work situation	Material	Glove thickness (mm)	Breakthrough time (min.)	Standards	
In the event of prolonged exposure or high concentrations	Nitrile	0.4	> 480	EN374-2, EN16523-1, EN388	
In the event of prolonged exposure or high concentrations	Butyl	0,7	> 480	EN374-2, EN16523-1, EN388, EN421	

Eye protection:

Type	Standards	
Safety glasses with side shields.	EN166	

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Physical state:

Liquid

Colour:

Colourless

Odour / Odour threshold:

Characteristic

pH:

2.5

Density (g/cm³):

1.1 (20 °C)

Kinematic viscosity:

No data available.

Particle characteristics:

Does not apply to liquids.

Phase changes

Melting point/Freezing point (°C):

No data available.

Softening point/range (°C):

Does not apply to liquids.

Boiling point (°C):

100

Vapour pressure:

No data available.

Relative vapour density:

No data available.

Decomposition temperature (°C):

No data available.

Data on fire and explosion hazards

Flash point (°C):

No data available.

Flammability (°C):

No data available.

Auto-ignition temperature (°C):

No data available.

Lower and upper explosion limit (% v/v):

No data available.

Solubility

Solubility in water:

Completely soluble

n-octanol/water coefficient (LogKow):

No data available.

Solubility in fat (g/L):

No data available.

9.2. Other information

Other physical and chemical parameters:

No data available.

Oxidizing properties:

No data available.

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

No data available.

10.2. Chemical stability

The product is stable under the conditions, noted in section 7 "Handling and storage".

10.3. Possibility of hazardous reactions

None known.

10.4. Conditions to avoid

None known.

10.5. Incompatible materials

Keep only in original packaging.

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity

Product/substance	hydrogen peroxide
Species:	Rat
Route of exposure:	Oral
Test:	LD50
Result:	1.193 - 1.270 mg/L

Product/substance	hydrogen peroxide
Species:	Rabbit
Route of exposure:	Dermal
Test:	LD50
Result:	>2.000 (35% oplossing) mg/kg

Harmful if swallowed.

Skin corrosion/irritation

Product/substance	iT.34 laundry stainremover pro active oxygen
Result:	Adverse effect observed (Irritating)

Product/substance	hydrogen peroxide
Result:	Adverse effect observed (Irritating)

Causes skin irritation.

Serious eye damage/irritation

According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

Product/substance	iT.34 laundry stainremover pro active oxygen
Result:	Adverse effect observed (Causes serious eye damage)

Product/substance	hydrogen peroxide
Result:	Adverse effect observed (Causes serious eye damage)

Causes serious eye damage.

Respiratory sensitisation

Product/substance	hydrogen peroxide
Result:	No adverse effect observed (not sensitising)

Based on available data, the classification criteria are not met.

Skin sensitisation

Based on available data, the classification criteria are not met.

Germ cell mutagenicity

Based on available data, the classification criteria are not met.

Carcinogenicity

Product/substance	hydrogen peroxide
Conclusion:	No adverse effect observed

Based on available data, the classification criteria are not met.

Reproductive toxicity

Product/substance	hydrogen peroxide
Conclusion:	No adverse effect observed

Based on available data, the classification criteria are not met.

STOT-single exposure

May cause drowsiness or dizziness.

STOT-repeated exposure

Based on available data, the classification criteria are not met.

Aspiration hazard

Product/substance	hydrogen peroxide
Based on available data, the classification criteria are not met.	

11.2. Information on other hazards

Long term effects

The product contains substances that cause serious eye damage. Contact with these substances can cause irreversible effects on the eye / serious eye damage.

Endocrine disrupting properties

This mixture/product does not contain any substances known to have hormone-disrupting properties in relation to health.

Other information

hydrogen peroxide has been classified by IARC as a group 3 carcinogen.

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Product/substance	hydrogen peroxide
Species:	Fish, Pimephales promelas
Duration:	96 hours
Test:	LC50

According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

Result: 16,4 mg/L

Product/substance: hydrogen peroxide
Species: Fish, *Leuciscus idus*
Duration: 72 hours
Test: LC50
Result: 35 mg/L

Product/substance: hydrogen peroxide
Species: Fish, *Oncorhynchus mykiss*
Duration: 7 days
Test: LC50
Result: 38,5 mg/L

Product/substance: hydrogen peroxide
Species: *Daphnia pulex*
Duration: 48 hours
Test: EC50
Result: 2,4 mg/L

Product/substance: hydrogen peroxide
Species: *Daphnia magna*
Duration: 24 hours
Test: EC50
Result: 7,7 mg/L

Product/substance: hydrogen peroxide
Species: *Skeletonema costatum*
Duration: 72 hours
Test: EC50
Result: 1,38 mg/L

Product/substance: hydrogen peroxide
Test method: OECD 209
Species: Bacteria
Compartment: Activated Sludge Plant
Duration: 30 minutes
Test: EC50
Result: 466 mg/L

Product/substance: hydrogen peroxide
Test method: OECD 209
Species: Bacteria
Compartment: Activated Sludge Plant
Duration: 3 hours
Test: EC50
Result: > 1.000 mg/L

Based on available data, the classification criteria are not met.

12.2. Persistence and degradability

Product/substance: hydrogen peroxide
Conclusion: Readily biodegradable

12.3. Bioaccumulative potential

Product/substance: hydrogen peroxide
LogKow: -1,57

Conclusion: -

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

This mixture/product does not contain any substances known to fulfil the criteria for PBT and vPvB classification.

12.6. Endocrine disrupting properties

Product/substance iT.34 laundry stainremover pro active oxygen

Conclusion: No adverse effect observed

This mixture/product does not contain any substances considered to have endocrine-disrupting properties in relation to the environment.

12.7. Other adverse effects

None known.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Product is covered by the regulations on hazardous waste. (*)

HP 6 - Acute toxicity

HP 8 - Corrosive

Dispose of contents/container to an approved waste disposal plant.

Commission Regulation (EU) No 1357/2014 of 18 December 2014 on waste.

EWC code:

20 01 29* Detergents containing dangerous substances

Contaminated packing

Packaging containing residues of the product must be disposed of similarly to the product.

SECTION 14: TRANSPORT INFORMATION

	14.1 UN / ID	14.2 UN proper shipping name	14.3 Hazard class(es)	14.4 PG*	14.5 Env**	Other information:
ADR	UN2014	HYDROGEN PEROXIDE, AQUEOUS SOLUTION with not less than 20% but not more than 60% hydrogen peroxide (stabilized as necessary)	Transport hazard class: 5.1 Label: 5.1+8 Classification code: OC1  	II	No	Limited quantities: 1 L Tunnel restriction code: (E) See below for additional information.
IMDG	UN2014	HYDROGEN PEROXIDE, AQUEOUS SOLUTION with not less than 20% but not more than 60% hydrogen peroxide (stabilized as necessary)	Transport hazard class: 5.1 Label: 5.1+8 Classification code: OC1  	II	No	Limited quantities: 1 L EmS: F-H S-Q See below for

According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

	14.1 UN / ID	14.2 UN proper shipping name	14.3 Hazard class(es)	14.4 PG*	14.5 Env**	Other informatio n:
						additional informatio n.
IATA	UN2014	HYDROGEN PEROXIDE, AQUEOUS SOLUTION with not less than 20% but not more than 60% hydrogen peroxide (stabilized as necessary)	Transport hazard class: 5.1 Label: 5.1+8 Classification code: OC1  	II	No	See below for additional informatio n.

* Packing group

** Environmental hazards

Additional information

This product is within scope of the regulations of transport of dangerous goods.

ADR / See Table A, section 3.2.1 for any information on special provisions, requirements, or warnings in connection with transport. See section 5.4.3, for instructions in writing regarding mitigation of damages in relation to incidents or accidents during transport.

IMDG / See section 3.2.1, for any information on special provisions, requirements, or warnings in connection with transport.

IATA / See Table 4.2 for any information on special provisions, requirements, or warnings in connection with transport.

14.6. Special precautions for user

Not applicable.

14.7. Maritime transport in bulk according to IMO instruments

No data available.

SECTION 15: REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Restrictions for application:

Restricted to professional users.

Demands for specific education:

No specific requirements.

SEVESO - Categories / dangerous substances:

Not applicable.

Regulation on explosives precursors:

hydrogen peroxide (Annex I)

Additional information:

Not applicable.

Sources:

Youth Employment Law, 1953

Prevention of Environmental Nuisances Law 5752-1992

Council Regulation (EC) No 2019/1148 on explosives precursors.

Israeli Standard SI 2302 Part 1 – Dangerous substances and mixtures: Classification, labelling, marking and packaging.

Israeli Standard SI 2302 Part 2 – Transportation: Classification, labelling, marking and packaging.

15.2. Chemical safety assessment

No

SECTION 16: OTHER INFORMATION

Full text of H-phrases as mentioned in section 3

H271, May cause fire or explosion; strong oxidiser.
H302, Harmful if swallowed.
H314, Causes severe skin burns and eye damage.
H315, Causes skin irritation.
H318, Causes serious eye damage.
H319, Causes serious eye irritation.
H332, Harmful if inhaled.
H336, May cause drowsiness or dizziness.

Abbreviations and acronyms

ADN = European Provisions concerning the International Carriage of Dangerous Goods by Inland Waterway
ADR = The European Agreement concerning the International Carriage of Dangerous Goods by Road
ATE = Acute Toxicity Estimate
BCF = Bioconcentration Factor
CAS = Chemical Abstracts Service
CE = Conformité Européenne (European conformity)
CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]
CSA = Chemical Safety Assessment
CSR = Chemical Safety Report
DMEL = Derived Minimal Effect Level
DNEL = Derived No Effect Level
EINECS = European Inventory of Existing Commercial chemical Substances
ES = Exposure Scenario
EUH statement = CLP-specific Hazard statement
EuPCS = European Product Categorisation System
EWC = European Waste Catalogue
GHS = Globally Harmonized System of Classification and Labelling of Chemicals
GWP = Global warming potential
IARC = International Agency for Research on Cancer (IARC)
IATA = International Air Transport Association
IBC = Intermediate Bulk Container
IMDG = International Maritime Dangerous Goods
LogPow = logarithm of the octanol/water partition coefficient
MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)
OECD = Organisation for Economic Co-operation and Development
PBT = Persistent, Bioaccumulative and Toxic
PNEC = Predicted No Effect Concentration
RID = The Regulations concerning the International Carriage of Dangerous Goods by Rail
RRN = REACH Registration Number
SCL = A specific concentration limit
SVHC = Substances of Very High Concern
STOT-RE = Specific Target Organ Toxicity - Repeated Exposure
STOT-SE = Specific Target Organ Toxicity - Single Exposure
TWA = Time weighted average
UN = United Nations
UVBC = Unknown or variable composition, complex reaction products or of biological materials
VOC = Volatile Organic Compound
vPvB = Very Persistent and Very Bioaccumulative

Additional information

The classification of the mixture in regard of health hazards is in accordance with the calculation methods given by Israeli Standard SI 2302.

The classification of the mixture in regard of health hazards is in accordance with the calculation methods given by Regulation (EC) No. 1272/2008 (CLP).

The safety data sheet is validated by

Quality & Compliance

Other

A change (in proportion to the last essential change (first cipher in SDS version, see section 1)) is marked with a triangle.

The information in this safety data sheet applies only to this specific product (mentioned in section 1) and is not necessarily correct for use with other chemicals/products.

It is recommended to hand over this safety data sheet to the actual user of the product. Information in this safety data sheet cannot be used as a product specification.

Country-language: IL-en

SAFETY DATA SHEET

iT.34 laundry stainremover pro active oxygen

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

SDS created for INDIA according to GHS

1.1. Product identifier

Trade name:

iT.34 laundry stainremover pro active oxygen

1.2. Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses of the substance or mixture:

Washing and cleaning products (including solvent based products)
Restricted to professional users.

Uses advised against :

None known.

1.3. Details of the supplier of the safety data sheet

Company and address:

Hygeniq B.V.
Postbus 618
7500 AP Enschede
The Netherlands
+31 53 4282860
+31 53 5393865
www.hygeniq.com

E-mail:

info@hygeniq.com

SDS date:

15/08/2025

SDS Version:

1.0

1.4. Emergency telephone number

Contact the local emergency services.
See section 4 "First aid measures".

SECTION 2: HAZARDS IDENTIFICATION

Classified according to GHS.

2.1. Classification of the substance or mixture

Met. Corr. 1; H290, May be corrosive to metals.
Acute Tox. 4; H302, Harmful if swallowed.

According to GHS Rev. 8, 2019

Skin Irrit. 2; H315, Causes skin irritation.
Eye Dam. 1; H318, Causes serious eye damage.
STOT SE 3; H336, May cause drowsiness or dizziness.

2.2. Label elements

Hazard pictogram(s):



Signal word:

Danger

Hazard statement(s):

May be corrosive to metals. (H290)
Harmful if swallowed. (H302)
Causes skin irritation. (H315)
Causes serious eye damage. (H318)
May cause drowsiness or dizziness. (H336)

Precautionary statement(s):

General:

Not applicable.

Prevention:

Wash hands and exposed skin thoroughly after handling. (P264)
Wear eye protection/protective gloves/protective clothing. (P280)

Response:

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.
Continue rinsing. (P305+P351+P338)
Absorb spillage to prevent material damage. (P390)

Storage:

Store in a container with a resistant inner liner. (P406)

Disposal:

Dispose of contents/container in accordance with local regulation.
(P501)

Hazardous substances:

hydrogen peroxide

Additional labelling:

Not applicable.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substances

Not applicable. This product is a mixture.

3.2. Mixtures

Product/substance	Identifiers	% w/w	Classification	Note
hydrogen peroxide	CAS No.: 7722-84-1 EC No.: 231-765-0	30-50%	Ox. Liq. 1, H271 Acute Tox. 4, H302 Skin Corr. 1A, H314 (SCL: 70.00 %) Skin Corr. 1B, H314 (SCL: 50.00 %) Skin Irrit. 2, H315 (SCL: 35.00 %)	

According to GHS Rev. 8, 2019

			Eye Dam. 1, H318 (SCL: 8.00 %) Eye Irrit. 2, H319 (SCL: 5.00 %) Acute Tox. 4, H332 STOT SE 3, H336 (SCL: 35.00 %)	

See full text of H-phrases in section 16. Occupational exposure limits are listed in section 8, if these are available.

Other information

-

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

General information:

In the case of accident: Contact a doctor or casualty department – bring the label or this safety data sheet.
Contact a doctor if in doubt about the injured person's condition or if the symptoms persist. Never give an unconscious person water or other drink.

Inhalation:

Upon breathing difficulties or irritation of the respiratory tract: Bring the person into fresh air and stay with him/her.

Skin contact:

IF ON SKIN: Wash with plenty of water/water and soap.
Remove contaminated clothing and shoes. Ensure to wash exposed skin thoroughly with water and soap. DO NOT use solvents or thinners.
If skin irritation occurs: Get medical advice/attention.

Eye contact:

If in eyes: Flush eyes with plenty of water or salt water (20-30 °C) for at least 30 minutes and continue until irritation stops. Remove contact lenses. Make sure you flush under the upper and lower eyelids. Seek medical assistance immediately and continue flushing during transport.

Ingestion:

IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.
Rinse mouth.

Burns:

Not applicable.

4.2. Most important symptoms and effects, both acute and delayed

The product contains substances that cause serious eye damage. Contact with these substances can cause irreversible effects on the eye / serious eye damage.

4.3. Indication of any immediate medical attention and special treatment needed

IF exposed or concerned:
Get immediate medical advice/attention.

Information to medics

Bring this safety data sheet or the label from this product.

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Not applicable.

5.2. Special hazards arising from the substance or mixture

Fire will result in dense smoke. Exposure to combustion products may harm your health. Closed containers, which are exposed to fire, should be cooled with water. Do not allow fire-extinguishing water to enter the sewage system and nearby surface waters.

5.3. Advice for firefighters

Wear self-contained breathing apparatus and protective clothing to prevent contact. Upon direct exposure contact the national poisons emergency services in order to obtain further advice.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Avoid direct contact with spilled substances.
Ensure adequate ventilation, especially in confined areas.
Avoid inhalation of vapours from spilled material.
Contaminated areas may be slippery.

6.2. Environmental precautions

Avoid discharge to lakes, streams, sewers, etc.
Keep unauthorized persons away from the spill

6.3. Methods and material for containment and cleaning up

Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations.
Wherever possible cleaning should be performed with normal cleaning agents. Avoid use of solvents.

6.4. Reference to other sections

See section 13 "Disposal considerations" on handling of waste.
See section 8 "Exposure controls/personal protection" for protective measures.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Avoid direct contact with the product.
Smoking, drinking and consumption of food is not allowed in the work area.
See section 8 "Exposure controls/personal protection" for information on personal protection.

7.2. Conditions for safe storage, including any incompatibilities

Containers that have been opened must be carefully resealed and kept upright to prevent leakage.
Store in a container with a resistant inner liner.

Recommended storage material:

Keep only in original packaging.

Storage conditions:

Dry, cool and well ventilated

Incompatible materials:

Keep only in original packaging.

7.3. Specific end use(s)

This product should only be used for applications quoted in section 1.2.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

No substances are listed with an occupational exposure limit.

According to GHS Rev. 8, 2019

8.2. Exposure controls

Apply general control to prevent unnecessary exposure

General recommendations:

Smoking, drinking and consumption of food is not allowed in the work area.

Exposure scenarios:

There are no exposure scenarios implemented for this product.

Exposure limits:

Occupational exposure limits have not been defined for the substances in this product.

Appropriate technical measures:

Ensure that eyewash stations and safety showers are located within easy reach.

Apply standard precautions during use of the product. Avoid inhalation of vapours.

Hygiene measures:

Take off contaminated clothing and wash it before reuse.

Measures to avoid environmental exposure:

No specific requirements.

Individual protection measures, such as personal protective equipment

Generally:

Use only CE marked protective equipment.

Respiratory Equipment:

Work situation	Type	Class	Colour	Standards	
When there is risk of formation of mist/aerosol	Full mask			EN136	

Skin protection:

Recommended	Type/Category	Standards	
Dedicated work clothing should be worn.	-	-	

Hand protection:

Work situation	Material	Glove thickness (mm)	Breakthrough time (min.)	Standards	
In the event of prolonged exposure or high concentrations	Nitrile	0.4	> 480	EN374-2, EN16523-1, EN388	
In the event of prolonged exposure or high concentrations	Butyl	0,7	> 480	EN374-2, EN16523-1, EN388, EN421	

Eye protection:

Type	Standards	
Safety glasses with side shields.	EN166	

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Form:

Liquid

Colour:

Colourless

Odour:

Characteristic

Odour threshold (ppm):

No data available.

pH:

2.5

Density (g/cm³):

1.1 (20 °C)

Kinematic viscosity:

No data available.

Particle characteristics:

Does not apply to liquids.

Phase changes

Melting point/Freezing point (°C):

No data available.

Softening point/range (°C):

Does not apply to liquids.

Boiling point (°C):

100

Vapour pressure:

No data available.

Relative vapour density:

No data available.

Decomposition temperature (°C):

No data available.

Evaporation rate (n-butylacetate = 100):

Data on fire and explosion hazards

Flash point (°C):

No data available.

Flammability (°C):

No data available.

Auto-ignition temperature (°C):

No data available.

Explosion limits (% v/v):

No data available.

Solubility

Solubility in water:

According to GHS Rev. 8, 2019

Completely soluble

n-octanol/water coefficient (LogKow):

No data available.

Solubility in fat (g/L):

No data available.

9.2. Other information

No data available.

Other physical and chemical parameters:

No data available.

Oxidizing properties:

No data available.

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

No data available.

10.2. Chemical stability

The product is stable under the conditions, noted in section 7 "Handling and storage".

10.3. Possibility of hazardous reactions

None known.

10.4. Conditions to avoid

None known.

10.5. Incompatible materials

Keep only in original packaging.

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Acute toxicity

Product/substance	hydrogen peroxide
Species:	Rat
Route of exposure:	Oral
Test:	LD50
Result:	1.193 - 1.270 mg/L

Product/substance	hydrogen peroxide
Species:	Rabbit
Route of exposure:	Dermal
Test:	LD50
Result:	>2.000 (35% oplossing) mg/kg

Harmful if swallowed.

Skin corrosion/irritation

Product/substance	iT.34 laundry stainremover pro active oxygen
Result:	Adverse effect observed (Irritating)

According to GHS Rev. 8, 2019

Product/substance	hydrogen peroxide
Result:	Adverse effect observed (Irritating)

Causes skin irritation.

Serious eye damage/irritation

Product/substance	iT.34 laundry stainremover pro active oxygen
Result:	Adverse effect observed (Causes serious eye damage)

Product/substance	hydrogen peroxide
Result:	Adverse effect observed (Causes serious eye damage)

Causes serious eye damage.

Respiratory sensitisation

Product/substance	hydrogen peroxide
Result:	No adverse effect observed (not sensitising)

Based on available data, the classification criteria are not met.

Skin sensitisation

Based on available data, the classification criteria are not met.

Germ cell mutagenicity

Based on available data, the classification criteria are not met.

Carcinogenicity

Product/substance	hydrogen peroxide
Conclusion:	No adverse effect observed

Based on available data, the classification criteria are not met.

hydrogen peroxide has been classified by IARC as a group 3 carcinogen.

Reproductive toxicity

Product/substance	hydrogen peroxide
Conclusion:	No adverse effect observed

Based on available data, the classification criteria are not met.

STOT-single exposure

May cause drowsiness or dizziness.

STOT-repeated exposure

Based on available data, the classification criteria are not met.

Aspiration hazard

Product/substance	hydrogen peroxide

Based on available data, the classification criteria are not met.

Long term effects

The product contains substances that cause serious eye damage. Contact with these substances can cause irreversible effects on the eye / serious eye damage.

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Product/substance	hydrogen peroxide
Species:	Fish, Pimephales promelas
Duration:	96 hours
Test:	LC50
Result:	16,4 mg/L

According to GHS Rev. 8, 2019

Product/substance	hydrogen peroxide
Species:	Fish, <i>Leuciscus idus</i>
Duration:	72 hours
Test:	LC50
Result:	35 mg/L
Product/substance	hydrogen peroxide
Species:	Fish, <i>Oncorhynchus mykiss</i>
Duration:	7 days
Test:	LC50
Result:	38,5 mg/L
Product/substance	hydrogen peroxide
Species:	<i>Daphnia pulex</i>
Duration:	48 hours
Test:	EC50
Result:	2,4 mg/L
Product/substance	hydrogen peroxide
Species:	<i>Daphnia magna</i>
Duration:	24 hours
Test:	EC50
Result:	7,7 mg/L
Product/substance	hydrogen peroxide
Species:	<i>Skeletonema costatum</i>
Duration:	72 hours
Test:	EC50
Result:	1,38 mg/L
Product/substance	hydrogen peroxide
Test method:	OECD 209
Species:	Bacteria
Compartment:	Activated Sludge Plant
Duration:	30 minutes
Test:	EC50
Result:	466 mg/L
Product/substance	hydrogen peroxide
Test method:	OECD 209
Species:	Bacteria
Compartment:	Activated Sludge Plant
Duration:	3 hours
Test:	EC50
Result:	> 1.000 mg/L

Based on available data, the classification criteria are not met.

12.2. Persistence and degradability

Product/substance	hydrogen peroxide
Conclusion:	Readily biodegradable

12.3. Bioaccumulative potential

Product/substance	hydrogen peroxide
LogKow:	-1,57
Conclusion:	-

According to GHS Rev. 8, 2019

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

This mixture/product does not contain any substances known to fulfil the criteria for PBT and vPvB classification.

12.6. Other adverse effects

None known.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste treatment methods

Dispose of contents/container to an approved waste disposal plant.

Specific labelling

Contaminated packing

Packaging containing residues of the product must be disposed of similarly to the product.

SECTION 14: TRANSPORT INFORMATION

	14.1 UN / ID	14.2 UN proper shipping name	14.3 Hazard class(es)	14.4 PG*	14.5 Env**	Other informatio n:
ADR	UN2014	HYDROGEN PEROXIDE, AQUEOUS SOLUTION with not less than 20% but not more than 60% hydrogen peroxide (stabilized as necessary)	Transport hazard class: 5.1 Label: 5.1+8 Classification code: OC1  	II	No	Limited quantities: 1 L Tunnel restriction code: (E) See below for additional information.
IMDG	UN2014	HYDROGEN PEROXIDE, AQUEOUS SOLUTION with not less than 20% but not more than 60% hydrogen peroxide (stabilized as necessary)	Transport hazard class: 5.1 Label: 5.1+8 Classification code: OC1  	II	No	Limited quantities: 1 L EmS: F-H S-Q See below for additional information.
IATA	UN2014	HYDROGEN PEROXIDE, AQUEOUS SOLUTION with not less than 20% but not more than 60% hydrogen peroxide (stabilized as necessary)	Transport hazard class: 5.1 Label: 5.1+8 Classification code: OC1  	II	No	See below for additional information.

* Packing group

** Environmental hazards

Additional information

This product is within scope of the regulations of transport of dangerous goods.

ADR / See Table A, section 3.2.1 for any information on special provisions, requirements, or warnings in connection with transport. See section 5.4.3, for instructions in writing regarding mitigation of damages in relation to incidents or accidents during transport.

IMDG / See section 3.2.1, for any information on special provisions, requirements, or warnings in connection with transport.

IATA / See Table 4.2 for any information on special provisions, requirements, or warnings in connection with transport.

14.6. Special precautions for user

Not applicable.

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

No data available.

SECTION 15: REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Restrictions for application:

Restricted to professional users.

People under the age of 18 shall not be exposed to this product.

Demands for specific education:

No specific requirements.

Additional information:

Not applicable.

Sources:

Globally Harmonized System of Classification and Labelling of Chemicals (GHS Rev. 8, 2019)

15.2. Chemical safety assessment

No

SECTION 16: OTHER INFORMATION

Full text of H-phrases as mentioned in section 3

H271, May cause fire or explosion; strong oxidiser.

H302, Harmful if swallowed.

H314, Causes severe skin burns and eye damage.

H315, Causes skin irritation.

H318, Causes serious eye damage.

H319, Causes serious eye irritation.

H332, Harmful if inhaled.

H336, May cause drowsiness or dizziness.

The full text of identified uses as mentioned in section 1

None known.

Abbreviations and acronyms

ACGIH = American Conference of Governmental Industrial Hygienists

ADN = European Provisions concerning the International Carriage of Dangerous Goods by Inland Waterway

ADR = The European Agreement concerning the International Carriage of Dangerous Goods by Road

ATE = Acute Toxicity Estimate

BCF = Bioconcentration Factor

CAS = Chemical Abstracts Service

CERCLA = Comprehensive Environmental Response Compensation and Liability Act

DOT = Department of Transportation

EINECS = European Inventory of Existing Commercial chemical Substances

EPCRA = Emergency Planning and Community Right-To-Know Act

GHS = Globally Harmonized System of Classification and Labelling of Chemicals

HCIS = Hazardous Chemical Information System

HNOC = Hazards Not Otherwise Classified

IARC = International Agency for Research on Cancer

IATA = International Air Transport Association

IMDG = International Maritime Dangerous Goods

LogPow = logarithm of the octanol/water partition coefficient

MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)

NFPA = National Fire Protection Association

NIOSH = National Institute for Occupational Safety and Health

OECD = Organisation for Economic Co-operation and Development

OSHA = Occupational Safety and Health Administration

PBT = Persistent, Bioaccumulative and Toxic

RCRA = Resource Conservation and Recovery Act

RID = The Regulations concerning the International Carriage of Dangerous Goods by Rail

RRN = REACH Registration Number

SARA = Superfund Amendments and Reauthorization Act

SCL = A specific concentration limit.

STEL = Short-term exposure limits

STOT-RE = Specific Target Organ Toxicity - Repeated Exposure

STOT-SE = Specific Target Organ Toxicity - Single Exposure

TSCA = The Toxic Substances Control Act

TWA = Time weighted average

UN = United Nations

UVBC = Unknown or variable composition, complex reaction products or of biological materials

VOC = Volatile Organic Compound

vPvB = Very Persistent and Very Bioaccumulative

Additional information

In accordance with GHS the evaluation of the classification of the mixture is based on:

The classification of the mixture in regard of health hazards is in accordance with the calculation methods given by GHS.

The safety data sheet is validated by

Quality & Compliance

Other

A change (in proportion to the last essential change (first cipher in SDS version, see section 1)) is marked with a triangle.

The information in this safety data sheet applies only to this specific product (mentioned in section 1) and is not necessarily correct for use with other chemicals/products.

It is recommended to hand over this safety data sheet to the actual user of the product. Information in this safety data sheet cannot be used as a product specification.

Country-language: IN-en

ÖRYGGISBLAÐ

iT.34 laundry stainremover pro active oxygen

1. LIÐUR: AUÐKENNING EFNISINS EÐA BLÖNDUNNAR OG FÉLAGSINS EÐA FYRIRTÆKISINS

1.1. Vörukenni

Viðskiptaheiti:

iT.34 laundry stainremover pro active oxygen

UFI:

KWY8-NP05-J88H-EC1G

1.2. Viðeigandi og tilgreind notkun efnis eða blöndu og notkun sem ráðið er frá

Viðeigandi og tilgreind notkun á efninu eða blöndunni:

Þvotta- og hreinsiefni (þar á meðal leysiefni)

Eingöngu ætlað fagmönnum.

Notkun sem ráðið er frá:

Enginn kunnuglegur.

1.3. Upplýsingar um birgi öryggisblaðsins

Fyrirtæki og heimilisfang:

Hygeniq B.V.

Postbus 618

7500 AP Enschede

The Netherlands

+31 53 4282860

+31 53 5393865

www.hygeniq.com

Netfang:

info@hygeniq.com

Dagsetning öryggisblaðs:

15.8.2025

Útgáfa öryggisblaðs:

1.0

1.4. Neyðarsímanúmer

Neyðarlínan: Sími 112.

Eitrunarmiðstöð Landsspítalans. Sími: 543 2222.

Sjá liður 4: Ráðstafanir í skyndihjálp.

2. LIÐUR: HÆTTUGREINING

Flokkað samkvæmt reglugerð (EB) nr. 1272/2008 (CLP).

2.1. Flokkun efnisins eða blöndunnar

Met. Corr. 1; H290, Getur verið ætandi fyrir málma.
Acute Tox. 4; H302, Hættulegt við inntöku.
Skin Irrit. 2; H315, Veldur húðertingu.
Eye Dam. 1; H318, Veldur alvarlegum augnskaða.
STOT SE 3; H336, Getur valdið sljóleika eða svima.

2.2. Merkingaratriði

Hættumerki:



Viðvörðunorð:

Hætta

Hættusetningar:

Getur verið ætandi fyrir málma. (H290)
Hættulegt við inntöku. (H302)
Veldur húðertingu. (H315)
Veldur alvarlegum augnskaða. (H318)
Getur valdið sljóleika eða svima. (H336)

Varnaðarsetningar:

Almennt:

Á ekki við.

Fyrirbygging:

Þvoið hendur og húðsvæði í snertingu við efnið vandlega eftir meðhöndlun. (P264)
Notið augnhlífur/hlífðarhanska/hlífðarfatnað. (P280)

Viðbrögð:

BERIST EFNID Í AUGU: Skolið varlega með vatni í nokkrar mínútur. Fjarlægið snertilinsur ef það er auðvelt. Skolið áfram
(P305+P351+P338)
Sogið upp allt sem hellist niður til að afstýra eignatjóni. (P390)

Geymsla:

Geymist í tæringarþolnu íláti með tæringarþolnu innra lagi. (P406)

Förgun:

Fargið innihaldi/íláti hjá í samræmi við staðbundnar reglur (P501)

Tilgreining efna sem valda alvarlegum heilsuvandámum:

hydrogen peroxide

Viðbótarmerking:

UFI: KQY8-NP05-J88H-EC1G

Innihaldsmerking í samræmi við reglugerð (EB) nr. 648/2004 (á við um umbúðir þvottaefna sem seld eru almenningi):

≥ 30%

· Bleikiefni, að stofni til úr súrefni

2.3. Aðrar hættur

Viðbótarviðvaranir:

Þessi blanda/vara inniheldur ekki nein efni sem ætlað er að standast kröfur sem flokkar þau sem PBT (þrávirk, lífræn eiturefni sem safnast fyrir í lífverum) og/eða vPvB.

Þessi vara inniheldur engin efni sem teljast til innkirtlatruflana í samræmi við viðmiðanirnar sem settar eru fram í framseldri reglugerð framkvæmdastjórnarinnar (ESB) 2017/2100 eða reglugerð framkvæmdastjórnarinnar (ESB) 2023/707.

3. LIÐUR: SAMSETNING INNIHALDSEFNA/UPPLÝSINGAR UM INNIHALDSEFNI

3.1. Efni

Á ekki við. Þessi vara er blanda.

3.2. Blöndur

Vara/innihaldsefnis	Auðkenni	% w/w	Flokkun	Tákn
hydrogen peroxide	CAS-nr.: 7722-84-1 EB-nr.: 231-765-0 REACH: 01-2119485845-22-XXXX Vísitala nr. : 008-003-00-9	30-50%	Ox. Liq. 1, H271 Acute Tox. 4, H302 Skin Corr. 1A, H314 (SCL: 70,00 %) Skin Corr. 1B, H314 (SCL: 50,00 %) Skin Irrit. 2, H315 (SCL: 35,00 %) Eye Dam. 1, H318 (SCL: 8,00 %) Eye Irrit. 2, H319 (SCL: 5,00 %) Acute Tox. 4, H332 STOT SE 3, H336 (SCL: 35,00 %)	

Allar hættu-/áhættusetningar er að finna í liður 16. Notkunartakmörk eru tekin fram í liður 8 ef þau eru tiltæk.

Aðrar upplýsingar

-

4. LIÐUR: RÁÐSTAFANIR Í SKYNDIHJÁL

4.1. Lýsing á ráðstöfunum í skyndihjál

Almennar upplýsingar:

Ef slys kemur upp: Hafið samband við lækni eða slysadeild - takið merkið sem er á vörunni eða þetta öryggisblað. Hafið samband við lækni ef vafi er á heilsufari viðkomandi eða ef einkennin stöðvast ekki. Gefið aldrei einstaklingi sem misst hefur meðvitund vatn eða annað álíka.

Innöndun:

Öndunarerfiðleikar eða erting í öndunarfarum: Komið viðkomandi á svæði þar sem hann/hún getur fengið ferskt loft og verið áfram með viðkomandi.

Snerting við húð:

BERIST EFNIÐ Á HÚÐ: Þvoið með miklu vatni/vatn og sápa.

Takið viðkomandi úr fötum og skóm sem komist hafa í snertingu við efnið. Ef efnið hefur komist í snertingu við húðsvæði skal skola þau rækilega með vatni og sápu. NOTIÐ EKKI leysiefni eða þynni.

Ef efnið ertir húð: Leitið lækni.

Snerting við augu:

BERIST EFNIÐ Í AUGU: Skolið augu með vatni (20-30 °C) í a.m.k. 30 mínútur og haldið áfram þar til ertingin stöðvast. Fjarlægið augnlinsur. Tryggið að skola svæðið undir efri og neðri augnlokunum. Hringið samstundis í lækni. Leitið tafarlausrar læknishjálpar og haldið áfram að skola meðan á flutningi stendur.

Inntaka:

EF GLEYPT ER: Hringið í EITRUNARMÍÐSTÖÐ/lækni ef vanlíðunar verður vart. Skolið munninn.

Brunar:

Á ekki við.

4.2. Helstu skaðleg einkenni og áhrif, bæði bráð og tæfin

Varan inniheldur efni sem valda alvarlegum augnskaða. Snerting við þessi efni getur valdið óafturkræfum áhrifum á augan/ alvarlegum augnskaða.

4.3. Upplýsingar um tafarlausa læknisumönnun og sérstaka meðferð sem þörf er á

EF um váhrif eða hugsanleg váhrif er að ræða:

Leitið umsvifalaust lækni.

Upplýsingar fyrir lækna

Takið þetta öryggisblað með eða merkið sem er á vörunni

5. LIÐUR: RÁÐSTAFANIR VEGNA SLÖKKVIÐGERÐA

5.1. Slökkvibúnaður

Á ekki við.

5.2. Sérstakar hættur af völdum efnisins eða blöndunnar

Við eldsvoða mun koma þykkur reykur. Váhrif frálífunarefna geta haft skaðleg áhrif á heilsuna. Lokuð ílát sem eru í snertingu við eld skal kæla með vatni. Látið vatn sem notað er til að slökkva eld ekki renna til skolplagna og annarra vatnsfalla.

5.3. Ráðgjöf fyrir slökkviliðsmenn

Nauðsynlegt er að nota öndunarbúnað með loftbirgðum og hlífðarföt til að koma í veg fyrir snertingu.

6. LIÐUR: RÁÐSTAFANIR EF EFNI FER ÓVART TIL SPILLIS EÐA ER LOSAÐ FYRIR SLYSNI

6.1. Öryggisráðstafanir fyrir fólk, hlífðarbúnaður og neyðarráðstafanir

Forðist beina snertingu við efni sem lekið hefur eða skvest.

Tryggið næga loftræstingu, sérstaklega á lokuðum svæðum.

Forðist að anda inn gufum frá úrgangi.

Menguð svæði geta verið hál.

6.2. Varúðarráðstafanir vegna umhverfisins

Forðist að farga í nánd við stöðuvötn, ár, skolplagnir o.s.frv.

Haldið óviðkomandi aðilum frá lekanum

6.3. Aðferðir og efni til afmörkunar og hreinsunar

Taka af og safna saman leka með óbrennanlegu, ísogandi efni t.d. sandi, jörð, vermíkúlít eða kísilgúr og setja í ílát til förgunar í samræmi við staðbundnar reglur.

Svo lengi sem það er hægt skal nota hefðbundin hreinsiefni við þvott. Forðast skal leysiefni.

6.4. Tilvísun í aðra liði

Sjá liður 13 um "Förgun" til að fá upplýsingar um meðhöndlun úrgangs.

Sjá liður 8 um "Váhrifavarnir/persónuhlífar" til að fá upplýsingar um varnaraðgerðir.

7. LIÐUR: MEÐHÖNDLUN OG GEYMSLA

7.1. Varúðarráðstafanir um örugga meðhöndlun

Forðist beina snertingu við vöruna.

Reykingar, neysla matar eða drykkjar og geymsla tóbaks, matar eða drykkjar er óheimil í vinnustofum.

Sjá liður 8 um "Váhrifavarnir/persónuhlífar" til að fá upplýsingar um persónuvernd.

7.2. Örugg geymsluskilyrði, þ.m.t. vegna mögulegs ósamrýmanleika

Ílátum sem hafa verið opnuð verður að loka vel aftur og þau skal geyma upprétt til að koma í veg fyrir leka.

Geymist í tæringarþolnu íláti með tæringarþolnu innra lagi.

Ráðlagt geymsluefni:

Geymið eingöngu í upprunalegum umbúðum.

Geymsluskilyrði:

Þurr, svalur og vel loftræstur staður

Ósamrýmanleg efni:

Geymið eingöngu í upprunalegum umbúðum.

7.3. Sértek, endanleg notkun

Þessa vöru má einungis nota í þeim tilgangi sem tekinn er fram í liður 1.2.

8. LIÐUR: VÁHRIFAVARNIR/PERSÓNUHLÍFAR

8.1. Viðmiðunarmörk fyrir váhrif

hydrogen peroxide

Mengunarmörk (8 tíma) (mg/m³): 1,4

Mengunarmörk (8 tíma) (ppm): 1

Reglugerð um mengunarmörk og aðgerðir til að draga úr mengun á vinnustöðum (390/2009)

Reglugerð um breytingu á reglugerð um mengunarmörk og aðgerðir til að draga úr mengun á vinnustöðum, nr. 390/2009 (631/2021).

DNEL

hydrogen peroxide

Tímalengd:	Váhrifaleið:	DNEL:
Langtíma - Staðbundin áhrif - Almennigun	Innöndun	0,21 mg/m ³
Langtíma - Staðbundin áhrif - Almennigun	Innöndun	210 µg/m ³
Langtíma - Staðbundin áhrif - Verkamenn	Innöndun	1.4 mg/m ³
Skammtíma - Staðbundin áhrif - Almennigun	Innöndun	1.93 mg/m ³
Skammtíma - Staðbundin áhrif - Verkamenn	Innöndun	3 mg/m ³

PNEC

hydrogen peroxide

Váhrifaleið:	Tímalengd notkunar:	PNEC:
Botnfall í ferskvatni		0,047 mg/kg
Botnfall í ferskvatni		47 µg/kg
Botnfall í sjó		0,047 mg/L
Botnfall í sjó		47 µg/kg
Ferskvatn		0,0126 mg/L
Ferskvatn		12.6 µg/L
Jarðvegur		0,023 mg/kg
Jarðvegur		1.9 µg/kg
Ósamfelld slepping (ferskvatn)		13.8 µg/L
Sjór		0,047 mg/L
Sjór		12.6 µg/L
Skólpvinnslustöð		466 mg/L

8.2. Takmörkun váhrifa

Athuga skal reglulega samræmi við takmarkanir um snertingu við efnið.

Almennar ráðleggingar:

Reykingar, neysla matar eða drykkjar og geymsla tóbaks, matar eða drykkjar er óheimil í vinnustofum.

Upplýsingar um váhrif:

Ekki eru til neinar sviðsmyndir af váhrifum af þessu efni.

Váhrifamörk:

Notendur efnisins eru verndaðir af atvinnulöggjöf um hámarksstyrk efnisins. Sjá takmörk með tilliti til hollustumála starfsmanna hér að ofan.

Viðeigandi tæknilegar aðgerðir:

Myndun gufu verður vera haldið í lágmarki og fyrir neðan núverandi gildi takmarkanna (sjá að ofan). Mælt er með uppsetningu á staðbundnu útblásturskerfi ef vanalegt loftflæði í vinnuherberginu er ekki nægt. Tryggja skal að neyðarskolun augna og neyðarsturtur séu vandlega merktar.

Gangið úr skugga um að augnaskolunarstöðvar og öryggissturtur séu staðsettar innan seilingar.

Viðhafið hefðbundnar varúðarráðstafanir við notkun vörunnar. Forðist innöndun gufa.

Aðgerðir í hollustumálum:

Farið úr fötum, sem óhreinkast af efninu, og þvoið fyrir næstu notkun.

Aðgerðir til að forðast að efnið komist í umhverfið:

Engar sérstakar kröfur.

Einstaklingsvarnir, s.s. Hlífðarbúnaður

Almennt:

Notið einungis hlífðarbúnað með CE merkingu.

Öndunarbúnaður:

Vinnuaðstaða	Gerð	Flokkur	Litur	Evrópustaðal	
Þegar hætta er á að myndist mistur/úði	Heilgrímur			EN136	

Húðhlíf:

Ráðlagt	Gerð/Flokkur	Evrópustaðal	
Nota skal sérstakan vinnuklæðnað	-	-	

Handhlíf:

Vinnuaðstaða	Ráðlagt	Þykkt (mm)	Gegnumbrots-tími (mín.)	Evrópustaðal	
Við langvinn váhrif eða mikinn styrk	Nítrílgúmmí	0,4	> 480	EN374-2, EN16523-1, EN388	
Við langvinn váhrif eða mikinn styrk	Bútílgúmmí	0,7	> 480	EN374-2, EN16523-1, EN388, EN421	

Augnhlíf:

Gerð	Evrópustaðal	
Notið öryggisglæraugu með hliðarhlíf.	EN166	

9. LIÐUR: EÐLIS- OG EFNAFRÆÐILEGIR EIGINLEIKAR

9.1. Upplýsingar um eðlis- og efnafræðilega grunneiginleika

Form (fasi):

Vökvi

Litur:

Litlaust

Lykt / Lykt þröskuld (ppm):

Einkennandi

pH:

2.5

Eðlismassi (g/cm³):

1,1 (20 °C)

Kinematic seigja:

Engin gögn tiltæk.

Agnæinkenni:

Á ekki við um vökva.

Fasabreytingar

Bræðslumark/Frystmark (°C):

Engin gögn tiltæk.

Mýktarmark/-svið (°C):

Á ekki við um vökva.

Suðumark (°C):

100

Gufuþrýstingur:

Engin gögn tiltæk.

Hlutfallsleg gufupéttleiki:

Engin gögn tiltæk.

Niðurbrotshitastig (°C):

Engin gögn tiltæk.

Gögn um eld- og sprengihættu

Kveikjumark (°C):

Engin gögn tiltæk.

Kveiking (°C):

Engin gögn tiltæk.

Sjálfstíkveikjuhitastig (°C):

Engin gögn tiltæk.

Sprengimörk (% v/v):

Engin gögn tiltæk.

Uppleysanleiki

Uppleysanleiki í vatni:

Fullkomlega leysanlegt

n-oktanól/vatnsstuðull (LogKow):

Engin gögn tiltæk.

Uppleysanleiki í fitu (g/L):

Engin gögn tiltæk.

9.2. Aðrar upplýsingar

Aðrar eðlisfræðilegar og efnafræðilegar breytur:

Engin gögn tiltæk.

Oxunareiginleikar:

Engin gögn tiltæk.

10. LIÐUR: STÖÐUGLEIKI OG HVARFGIRNI

10.1. Hvarfgirni

Engin gögn tiltæk.

10.2. Efnafræðilegur stöðugleiki

Varan er stöðug við þær aðstæður sem lýst í liður 7 um "Meðhöndlun og geymsla".

10.3. Möguleiki á hættulegu efnahvarfi

Enginn kunnuglegur.

10.4. Skilyrði sem ber að varast

Enginn kunnuglegur.

10.5. Ósamrýmanleg efni

Geymið eingöngu í upprunalegum umbúðum.

10.6. Hættuleg niðurbrotsefni

Hættuleg niðurbrotsefni ættu ekki að myndast við eðlileg geymslu- og notkunarskilyrði.

11. LIÐUR: EITUREFNAFRÆÐILEGAR UPPLÝSINGAR

11.1. Upplýsingar um eiturefnafræðileg áhrif

Bráð eiturrhif

Vara/innihaldsefnis	hydrogen peroxide
Tegund:	Rotta
Váhrifaleið:	Inntaka
Próf:	LD50
Niðurstaða:	1.193 - 1.270 mg/L

Vara/innihaldsefnis	hydrogen peroxide
Tegund:	Kanína
Váhrifaleið:	Snerting við húð
Próf:	LD50
Niðurstaða:	>2.000 (35% oplossing) mg/kg

Hættulegt við inntöku.

Húðæting/húðerting

Vara/innihaldsefnis	iT.34 laundry stainremover pro active oxygen
Niðurstaða:	Vart varð við aukaverkanir (Ertandi)

Vara/innihaldsefnis hydrogen peroxide
Niðurstaða: Vart varð við aukaverkanir (Ertandi)

Veldur húðertingu.

Alvarlegur augnskaði/augnerting

Vara/innihaldsefnis iT.34 laundry stainremover pro active oxygen
Niðurstaða: Vart varð við aukaverkanir (Veldur alvarlegum augnskaða)

Vara/innihaldsefnis hydrogen peroxide
Niðurstaða: Vart varð við aukaverkanir (Veldur alvarlegum augnskaða)

Veldur alvarlegum augnskaða.

Næming öndunarfæra

Vara/innihaldsefnis hydrogen peroxide
Niðurstaða: Ekki vart við neinar aukaverkanir (ekki næmandi)

Miðað við fánleg gögn eru flokkunarskilyrði ekki uppfyllt.

Húðnæming

Miðað við fánleg gögn eru flokkunarskilyrði ekki uppfyllt.

Stökkbreytandi áhrif á kímfrumur

Miðað við fánleg gögn eru flokkunarskilyrði ekki uppfyllt.

Krabbameinsvaldandi áhrif

Vara/innihaldsefnis hydrogen peroxide
Niðurstaða: Ekki vart við neinar aukaverkanir

Miðað við fánleg gögn eru flokkunarskilyrði ekki uppfyllt.

Eiturhrif á æxlun

Vara/innihaldsefnis hydrogen peroxide
Niðurstaða: Ekki vart við neinar aukaverkanir

Miðað við fánleg gögn eru flokkunarskilyrði ekki uppfyllt.

Sértæk eiturhrif á marklíffæri – váhrif í eitt skipti

Getur valdið sljóleika eða svima.

Sértæk eiturhrif á marklíffæri – endurtekin váhrif

Miðað við fánleg gögn eru flokkunarskilyrði ekki uppfyllt.

Ásvelgingarhætta

Vara/innihaldsefnis hydrogen peroxide
Miðað við fánleg gögn eru flokkunarskilyrði ekki uppfyllt.

11.2. Upplýsingar um aðrar hættur

Langvarandi áhrif

Varan inniheldur efni sem valda alvarlegum augnskaða. Snerting við þessi efni getur valdið óafturkræfum áhrifum á augan/ alvarlegum augnskaða.

Innkirtlatruflandi eiginleikar

Þessi blanda/vara inniheldur engin efni sem talin eru hafa hormónatruflandi eiginleika í tengslum við heilsu.

Aðrar upplýsingar

hydrogen peroxide : IARC skilgreinir efnið í flokk 3.

12. LIÐUR: VISTFRÆÐILEGAR UPPLÝSINGAR

12.1. Visteiturhrif

Í samræmi við reglugerð (EB) nr. 2020/878

Vara/innihaldsefnis hydrogen peroxide
Tegund: Fiskur, Pimephales promelas
Tímalengd: 96 klst.
Próf: LC50
Niðurstaða: 16,4 mg/L

Vara/innihaldsefnis hydrogen peroxide
Tegund: Fiskur, Leuciscus idus
Tímalengd: 72 klst.
Próf: LC50
Niðurstaða: 35 mg/L

Vara/innihaldsefnis hydrogen peroxide
Tegund: Fiskur, Oncorhynchus mykiss
Tímalengd: 7 dagar
Próf: LC50
Niðurstaða: 38,5 mg/L

Vara/innihaldsefnis hydrogen peroxide
Tegund: Daphnia pulex
Tímalengd: 48 klst.
Próf: EC50
Niðurstaða: 2,4 mg/L

Vara/innihaldsefnis hydrogen peroxide
Tegund: Daphnia magna
Tímalengd: 24 klst.
Próf: EC50
Niðurstaða: 7,7 mg/L

Vara/innihaldsefnis hydrogen peroxide
Tegund: Skeletonema costatum
Tímalengd: 72 klst.
Próf: EC50
Niðurstaða: 1,38 mg/L

Vara/innihaldsefnis hydrogen peroxide
Prófunaraðferð: OECD 209
Tegund: Bakteríur
Umhverfi: Virk seyruvinnslustöð
Tímalengd: 30 minutes
Próf: EC50
Niðurstaða: 466 mg/L

Vara/innihaldsefnis hydrogen peroxide
Prófunaraðferð: OECD 209
Tegund: Bakteríur
Umhverfi: Virk seyruvinnslustöð
Tímalengd: 3 klst.
Próf: EC50
Niðurstaða: > 1.000 mg/L

Miðað við fánleg gögn eru flokkunarskilyrði ekki uppfyllt.

12.2. Þrávirkni og niðurbjótanleiki

Vara/innihaldsefnis hydrogen peroxide

Niðurstaða: Auðlífbjótanlegt

12.3. Uppsöfnun í lífverum

Vara/innihaldsefnis hydrogen peroxide
LogKow: -1,57
Niðurstaða: -

12.4. Hreyfanleiki í jarðvegi

Engin gögn tiltæk.

12.5. Niðurstöður úr mati á PBT- og vPvB-eiginleikum.

Þessi blanda/vara inniheldur ekki nein efni sem ætlað er að standast kröfur sem flokkar þau sem PBT (þrávirk, lífræn eiturefni sem safnast fyrir í lífverum) og/eða vPvB.

12.6. Innkirtlatruflandi eiginleikar

Vara/innihaldsefnis iT.34 laundry stainremover pro active oxygen
Niðurstaða: Ekki vart við neinar aukaverkanir

Þessi blanda/vara inniheldur engin efni sem talin eru hafa innkirtlatruflandi eiginleika í tengslum við umhverfið.

12.7. Önnur skaðleg áhrif

Enginn kunnuglegur.

13. LIÐUR: FÖRGUN

13.1. Aðferðir við meðhöndlun úrgangs

Um vöruna gilda reglugerðir varðandi hættulegan úrgang. (*)

HP 6 - Bráð eituráhrif

HP 8 - Ætandi

Fargið innihaldi/íláti hjá í samræmi við staðbundnar reglur.

Reglugerð framkvæmdastjórnarinnar (ESB) nr. 1357/2014 frá 18. desember 2014 um úrgang.

EWC-kóði:

20 01 29* Hreinsiefni sem innihalda hættuleg efni

Samsettar umbúðir

Umbúðir sem innihalda leifar af efniinu skal farga á sama hátt og vörunni á að farga.

14. LIÐUR: UPPLÝSINGAR UM FLUTNINGA

	14.1 UN	14.2 Nafn/lýsing	14.3 Flokkur	14.4 PG*	14.5. Env**	Aðrar upplýsingar:
ADR	UN2014	VETNISPEROXÍÐ, VATNSLAUSN	Flokkur: 5.1 Nr. Varúðarmerkis: 5.1+8 Flokkunarkóði: OC1  	II	Nei	Takmarkað magn: 1 L Jarðgangakóði: (E) Sjá hér að neðan til að fá frekari upplýsingar.
IMDG	UN2014	HYDROGEN PEROXIDE, AQUEOUS SOLUTION with not less than 20% but	Flokkur: 5.1 Nr. Varúðarmerkis: 5.1+8 Flokkunarkóði: OC1	II	Nei	Takmarkað magn: 1 L EmS: F-H S-

	14.1 UN	14.2 Nafn/lýsing	14.3 Flokkur	14.4 PG*	14.5. Env**	Aðrar upplýsinga r:
		not more than 60% hydrogen peroxide (stabilized as necessary)	 			Q Sjá hér að neðan til að fá frekari upplýsingar.
IATA	UN2014	HYDROGEN PEROXIDE, AQUEOUS SOLUTION with not less than 20% but not more than 60% hydrogen peroxide (stabilized as necessary)	Flokkur: 5.1 Nr. Varúðarmerkis: 5.1+8 Flokkunarkóði: OC1  	II	Nei	Sjá hér að neðan til að fá frekari upplýsingar.

* Pökkunarflokkur

** Umhverfishættur

Viðbótarupplýsingar

Um þessa vöru gilda tilskipanir varðandi hættuleg efni.

ADR / Sjá töflu A, kafla 3.2.1 til að fá upplýsingar um sérstök ákvæði, kröfur eða viðvaranir sem tengjast flutningum. Sjá kafla 5.4.3 til að fá leiðbeiningar um ritun mildun skemmda sem tengjast atvikum eða slysa við flutning.

IMGD / Sjá kafla 3.2.1 til að fá upplýsingar um sérstök ákvæði, kröfur eða viðvaranir sem tengjast flutningum.

IATA / Sjá töflu 4.2 til að fá upplýsingar um sérstök ákvæði, kröfur eða viðvaranir sem tengjast flutningum.

14.6. Sérstakar varúðarráðstafanir fyrir notanda

Á ekki við.

14.7. Flutningar búlkafarms skv. II. viðauka við MARPOL-samninginn og IBC-kóðanum.

Engin gögn tiltæk.

15. LIÐUR: UPPLÝSINGAR VARÐANDI REGLUVERK

15.1. Sértek ákvæði/löggjöf fyrir efnið eða blönduna vegna öryggis, heilbrigðis og umhverfis

Takmarkanir á notkun:

Eingöngu ætlað fagmönnum.

Beiðnir um sérstaka þjálfun:

Engar sérstakar kröfur.

SEVESO:

Á ekki við.

hydrogen peroxide (Viðauki I.)

Innihaldsmerking í samræmi við reglugerð (EB) nr. 648/2004:

≥ 30%

· Bleikiefni, að stofni til úr súrefni

Viðbótarupplýsingar:

Á ekki við.

Heimildir:

Tilskipun Evrópusambandsins nr. 94/33/EB um vinnuvernd barna og ungmenna.

Reglugerð Evrópuþingsins og Ráðsins (EB) nr. 648/2004 frá 31. mars 2004 um votta- og hreinsiefni.

Reglugerð framkvæmdastjórnarinnar (ESB) nr. 1357/2014 frá 18. desember 2014 um úrgang.

Council Regulation (EC) No 2019/1148 on explosives precursors.

Reglugerð (EB) nr. 1272/2008 (CLP) um flokkun, merkingu og umbúðir efna og blanda (með áorðnum breytingum).

Reglugerð framkvæmdastjórnarinnar (ESB) nr. 1907/2006 (REACH).

15.2. Efnaöryggismat

Nei

16. LIÐUR: AÐRAR UPPLÝSINGAR

Allar hættu-/áhættusetningar er að finna í liður 3

H271, Getur valdið bruna eða sprengingu, mjög eldmyndandi (oxandi).

H302, Hættulegt við inntöku.

H314, Veldur alvarlegum bruna á húð og augnskaða.

H315, Veldur húðertingu.

H318, Veldur alvarlegum augnskaða.

H319, Veldur alvarlegri augnertingu.

H332, Hættulegt við innöndun.

H336, Getur valdið sljóleika eða svima.

Skammstafanir og upphafsstafir

ADR = Evrópusamningnum um millilandaflutninga á hættulegum farmi á vegum

ATE = Matsgildi bráðra eiturrhifa

CAS = Efnafræðileg ágripsþjónustan

CE = Conformité Européenne

CLP = Reglugerð um flokkun, merkingu og pökkun efna og blanda [Reglugerð (EB) nr. 1272/2008]

CLP-H setning = Hættusetning sem á við um flokkun, merkingu og umbúðir efna og efnablanda (CLPreglugerð)

DNEL = Afleidd áhrifaleysismörk

EC50 = Styrkur í tengslum við 50% svörun

EuPCS = Evrópsk vöruflokkunarkerfi

EWC = Evrópsk skrá yfir úrgang

GWP = Hnattræn hlýnunarmöguleiki

IATA = Alþjóðasamtök flugflutninga

IMGA = Alþjóðlegur hættulegur varningur til sjós

IMO = Alþjóðasiglingamálastofnunin

LC50 = Miðgildisbanastyrkur

LD50 = 50% drápsskammtur

OECD = Efnahags- og framfarastofnun Evrópu

PBT = Efni sem eru þrávirk, safnast upp í lífverum og eru eitruð

PNEC = styrkur þar sem engin áhrif eru fyrir sjáanleg

RRN = REACH-skráningarnúmer

RID = Reglugerðin varðandi alþjóðlegan flutning hættulegs vöru með jarnbrautum

RRN = REACH skráningarnúmer

SCL = Um gilda sérstök mörk um styrk.

UVCB = Óþekkt eða breytileg samsetning, flókin hvarfefni eða líffræðilegra efna

vPvB = Efni sem eru mjög þrávirk og safnast upp í lífverum í miklum mæli

Viðbótarupplýsingar

Flokkun blöndunnar með hliðsjón af áhrifum hennar á heilsu er í samræmi við útreikningsaðferðir reglugerðar (EB) nr. 1270/2008 (CLP).

Öryggisblaðið er vottað af

Quality & Compliance

Annað

Breytingar (í samræmi við síðustu meginbreytingu (fyrsti tölustafurinn í SDS-útgáfunni)) eru merktar með þríhyrningi.

Upplýsingarnar sem er að finna á þessu öryggisblaði eiga einungis við þessa tilteknu vöru (tekið fram í liður 1) og á ekki endilega við notkun annarra efna/vara.

Ráðlagt er að láta núverandi notanda vörunnar fá þetta öryggisblað. Upplýsingarnar sem er að finna á þessu öryggisblaði er ekki hægt að nota sem vörulýsingu.

Land-tungumál: IS-is

SCHEDA DI DATI DI SICUREZZA

iT.34 laundry stainremover pro active oxygen

SEZIONE 1: IDENTIFICAZIONE DELLA SOSTANZA/MISCELA E DELLA SOCIETÀ/IMPRESA

1.1. Identificatore del prodotto

Nome commerciale:

iT.34 laundry stainremover pro active oxygen

Identificatore unico di formula (UFI):

KWY8-NP0S-J88H-EC1G

1.2. Usi identificati pertinenti della sostanza o della miscela e usi sconsigliati

Usi pertinenti identificati della sostanza o miscela:

Detergenti e detergenti (anche a base di solventi)

Uso ristretto agli utilizzatori professionali.

Usi sconsigliati :

Non noto.

1.3. Informazioni sul fornitore della scheda di dati di sicurezza

Nome e indirizzo azienda:

Hygeniq B.V.

Postbus 618

7500 AP Enschede

The Netherlands

+31 53 4282860

+31 53 5393865

www.hygeniq.com

Indirizzo email:

info@hygeniq.com

Revisione:

15/08/2025

Versione SDS:

1.0

1.4. Numero telefonico di emergenza

Centri AntiVeleni (CAV) attivi 24 ore al giorno:

Bergamo: Az. Osp. Papa Giovanni XXII. Piazza OMS, 1, 24127. Telefono: 800.88.33.00

Firenze: Az. Osp. "Careggi" U.O. Tossicologia Medica. Largo Brambilla, 3, 50134. Telefono: 055.794.7819

Foggia: Az. Osp. Univ. Foggia. V.le Luigi Pinto, 1, 71122. Telefono: 800.183.459

Milano: Osp. Niguarda Ca' Granda. Piazza Ospedale Maggiore, 3, 20162. Telefono: 02.66.1010.29

Napoli: Az. Osp. "A. Cardarelli". Via A. Cardarelli, 9, 80131. Telefono: 081.545.3333

Pavia: Centro Nazionale di Informazione Tossicologica. Via Salvatore Maugeri, 10, 27100. Telefono: 0382.24.444

Roma: "Osp. Pediatrico Bambino Gesù" Dip. Emergenza e Accettazione DEA. Piazza Sant'Onofrio, 4, 00165. Telefono: 06.6859.3726

Roma: Policlinico "A. Gemelli". Largo Agostino Gemelli, 8, 168. Telefono: 06-3054343

Roma: Policlinico "Umberto I". V.le del Policlinico, 155, 161. Telefono: 06.4997.8000

Verona: Az. Osp. Integrata Verona. Piazzale Aristide Stefani, 1, 37126. Telefono: 800.011.858

Vedere la sezione 4 sulle misure di primo soccorso.

SEZIONE 2: IDENTIFICAZIONE DEI PERICOLI

Classificato in base al regolamento (EC) n. 1272/2008 (CLP).

2.1. Classificazione della sostanza o della miscela

Met. Corr. 1; H290, Può essere corrosivo per i metalli.

Acute Tox. 4; H302, Nocivo se ingerito.

Skin Irrit. 2; H315, Provoca irritazione cutanea.

Eye Dam. 1; H318, Provoca gravi lesioni oculari.

STOT SE 3; H336, Può provocare sonnolenza o vertigini.

2.2. Elementi dell'etichetta

Pittogrammi di pericolo:



Avvertenza:

Pericolo

Indicazioni di pericolo:

Può essere corrosivo per i metalli. (H290)

Nocivo se ingerito. (H302)

Provoca irritazione cutanea. (H315)

Provoca gravi lesioni oculari. (H318)

Può provocare sonnolenza o vertigini. (H336)

Consigli di prudenza:

Generale:

Non applicabile.

Prevenzione:

Lavare accuratamente le mani e la pelle esposta dopo l'uso. (P264)

Indossare proteggere gli occhi/guanti/indumenti protettivi. (P280)

Reazione:

IN CASO DI CONTATTO CON GLI OCCHI: sciacquare accuratamente per parecchi minuti. Togliere le eventuali lenti a contatto se è agevole farlo. Continuare a sciacquare. (P305+P351+P338)

Assorbire la fuoriuscita per evitare danni materiali. (P390)

Conservazione:

Conservare in recipiente provvisto di rivestimento interno resistente. (P406)

Smaltimento:

Smaltire il contenuto/recipiente in conformità alla regolamentazione locale (P501)

Contenuto:

perossido di idrogeno soluzione 35%; acqua ossigenata 35%

Altre etichette:

UFI: KQY8-NP0S-J88H-EC1G

Etichettatura dei contenuti conforme al Regolamento sui detersivi 648/2004 (applicabile agli imballaggi dei detersivi venduti al pubblico):

≥ 30%

· Sbiancanti a base di ossigeno

2.3. Altri pericoli

Altro:

Questa miscela/prodotto non contiene sostanze che soddisfano i criteri di classificazione PBT e/o vPvB.

Questo prodotto non contiene sostanze considerate interferenti endocrini conformemente ai criteri stabiliti nel regolamento delegato (UE) 2017/2100 della Commissione o nel regolamento (UE) 2023/707 della Commissione.

SEZIONE 3: COMPOSIZIONE/INFORMAZIONI SUGLI INGREDIENTI

3.1. Sostanze

Non applicabile. Questo prodotto è una miscela.

3.2. Miscele

Prodotto/ingrediente	Identificatori	% w/w	Classificazione	Not.
perossido di idrogeno soluzione 35%; acqua ossigenata 35%	n. CAS: 7722-84-1 n. CE: 231-765-0 REACH: 01-2119485845-22-XXXX n. indice: 008-003-00-9	30-50%	Ox. Liq. 1, H271 Acute Tox. 4, H302 Skin Corr. 1A, H314 (SCL: 70,00 %) Skin Corr. 1B, H314 (SCL: 50,00 %) Skin Irrit. 2, H315 (SCL: 35,00 %) Eye Dam. 1, H318 (SCL: 8,00 %) Eye Irrit. 2, H319 (SCL: 5,00 %) Acute Tox. 4, H332 STOT SE 3, H336 (SCL: 35,00 %)	

Il testo completo delle frasi H è riportato alla sezione 16. I valori limite per l'igiene del lavoro sono riportati alla sezione 8, se disponibili.

Altre informazioni

-

SEZIONE 4: MISURE DI PRIMO SOCCORSO

4.1. Descrizione delle misure di primo soccorso

Generalità:

In caso di incidenti: consultare il medico oppure un ospedale. Portare con sé l'etichetta oppure questa scheda di sicurezza. Il medico potrà rivolgersi alla clinica di medicina ambientale e del lavoro.

In caso di sintomi importanti o in caso di dubbio sulle condizioni di salute, consultare un medico. Non somministrare mai a una persona incosciente acqua o liquidi.

Inalazione:

Nel caso di difficoltà respiratorie o irritazione dell'apparato respiratorio: Portare l'infortunato all'aria fresca e tenerlo sotto controllo.

Contatto con la pelle:

IN CASO DI CONTATTO CON LA PELLE: lavare abbondantemente con acqua/acqua e sapone.

Rimuovere indumenti e scarpe contaminati. Risciacquare abbondantemente la cute entrata in contatto con il materiale con acqua e sapone. NON utilizzare solvente o diluente.

In caso di irritazione della pelle: consultare un medico.

Contatto con gli occhi:

In caso di contatto con gli occhi: Risciacquare gli occhi con abbondante acqua (20-30 °C) finché l'irritazione non si attenua e per almeno 30 minuti. Rimuovere eventuali lenti a contatto. Cercare di risciacquare palpebre superiori e inferiori. Consultare subito un medico. Chiedere assistenza medica immediatamente e continuare a sciacquare durante il tragitto.

Ingestione:

IN CASO DI INGESTIONE: in presenza di malessere, contattare un CENTRO ANTIVELENI/medico.

Sciacquare la bocca.

Combustione:

Non applicabile.

4.2. Principali sintomi ed effetti, sia acuti che ritardati

Il prodotto contiene sostanze che causano gravi danni agli occhi. Il contatto con queste sostanze può causare effetti irreversibili sugli occhi/danni gravi agli occhi.

4.3. Indicazione dell'eventuale necessità di consultare immediatamente un medico e di trattamenti speciali

IN CASO di esposizione o di possibile esposizione:

Consultare immediatamente un medico.

Nota per il medico

Portare con sé la presente scheda di sicurezza oppure l'etichetta del materiale.

SEZIONE 5: MISURE DI LOTTA ANTINCENDIO

5.1. Mezzi di estinzione

Non applicabile.

5.2. Pericoli speciali derivanti dalla sostanza o dalla miscela

In caso d'incendio si sviluppa un fumo denso. L'esposizione ai prodotti di degradazione può rappresentare un pericolo per la salute. I contenitori chiusi esposti al fuoco possono essere spenti con acqua. Non versare l'acqua proveniente dagli idranti negli scarichi e nelle fogne.

5.3. Raccomandazioni per gli addetti all'estinzione degli incendi

Normali abiti da lavoro e respiratori completi. In caso di contatto diretto con le sostanze chimiche, contattare il centro antiveleeni per ulteriori consigli.

SEZIONE 6: MISURE IN CASO DI RILASCIO ACCIDENTALE

6.1. Precauzioni personali, dispositivi di protezione e procedure in caso di emergenza

Evitare il contatto diretto con la sostanza versata.

Garantire una ventilazione adeguata, soprattutto nelle aree confinate.

Evitare l'inalazione di vapori dai materiali di scarto.

Le aree contaminate possono essere scivolose.

6.2. Precauzioni ambientali

Non scaricare il prodotto in laghi, fiumi, scarichi ecc.

Tenere le persone non autorizzate lontane dalla fuoriuscita

6.3. Metodi e materiali per il contenimento e per la bonifica

Contenere e raccogliere i versamenti con materiale non combustibile, assorbente, ad es. sabbia, terra diatomacea e riporre nel contenitore per lo smaltimento ai sensi dei regolamenti locali.

La pulizia viene eseguita per quanto possibile con detergenti. Evitare l'uso di solventi.

6.4. Riferimento ad altre sezioni

Vedere la sezione 13 "Considerazioni sullo smaltimento" sulla gestione dei rifiuti.

Vedere la sezione 8 "Controlli dell'esposizione/protezione individuale" per l'attrezzatura di protezione.

SEZIONE 7: MANIPOLAZIONE E IMMAGAZZINAMENTO

7.1. Precauzioni per la manipolazione sicura

Evitare il contatto diretto con il prodotto.

Non fumare, mangiare né bere nei locali.

Vedere la sezione 8 "Controllo dell'esposizione/protezione individuale" per l'attrezzatura di protezione.

7.2. Condizioni per lo stoccaggio sicuro, comprese eventuali incompatibilità

I contenitori aperti devono essere accuratamente risigillati e mantenuti dritti per evitare fuoriuscite accidentali del prodotto.

Conservare in recipiente provvisto di rivestimento interno resistente.

Compatibilità degli imballaggi:

Conservare soltanto nell'imballaggio originale.

Condizioni di conservazione:

Asciutto, fresco e ben ventilato

Materiali incompatibili:

Conservare soltanto nell'imballaggio originale.

7.3. Usi finali particolari

Questo prodotto deve essere utilizzato solo per gli scopi descritti nella sezione 1.2.

SEZIONE 8: CONTROLLI DELL'ESPOSIZIONE/DELLA PROTEZIONE INDIVIDUALE

8.1. Parametri di controllo

Il prodotto non contiene alcuna sostanza elencata nella lista italiana di sostanze con un limite di esposizione sul posto di lavoro.

DNEL

perossido di idrogeno soluzione 35%; acqua ossigenata 35%

Durata:	Via di esposizione:	DNEL:
Breve termine - effetti locali - lavoratori	Inalazione	3 mg/m ³
Breve termine - effetti locali - popolazione generale	Inalazione	1.93 mg/m ³
Lungo termine - effetti locali - lavoratori	Inalazione	1.4 mg/m ³
Lungo termine - effetti locali - popolazione generale	Inalazione	0,21 mg/m ³
Lungo termine - effetti locali - popolazione generale	Inalazione	210 µg/m ³

PNEC

perossido di idrogeno soluzione 35%; acqua ossigenata 35%

Via di esposizione:	Durata dell'esposizione:	PNEC:
Acqua dolce		0,0126 mg/L
Acqua dolce		12.6 µg/L
Acqua marina		0,047 mg/L
Acqua marina		12.6 µg/L
Impianto di trattamento delle acque reflue		466 mg/L
Rilascio intermittente (acqua dolce)		13.8 µg/L
Sedimenti di acqua dolce		0,047 mg/kg

Sedimenti di acqua dolce		47 µg/kg
Sedimenti di acqua marina		0,047 mg/L
Sedimenti di acqua marina		47 µg/kg
Terreno		0,023 mg/kg
Terreno		1.9 µg/kg

8.2. Controlli dell'esposizione

Applicare un controllo generale per evitare un'esposizione non necessaria.

Precauzioni generali:

Non fumare, mangiare né bere nei locali.

Scenari di esposizione:

Non ci sono scenari di esposizione implementati per questo prodotto.

Limiti di esposizione:

Non sono riportati limiti di esposizione per le sostanze contenute nel prodotto.

Misure tecniche:

Garantire che delle postazioni per il lavaggio oculare e delle docce di sicurezza si trovino a poca distanza.

Applicare precauzioni standard durante l'uso del prodotto. Evitare l'inalazione di vapori.

Misure igieniche:

Togliere tutti gli indumenti contaminati e lavarli prima di indossarli nuovamente.

Misure per la limitazione dell'esposizione ambientale:

Nessun requisito particolare.

Misure di protezione individuale, quali dispositivi di protezione individuale

Generalità:

Usare solo equipaggiamento protettivo con il marchio CE.

Vie aeree:

Situazione di lavoro	Tipo	Classe	Colore	Norme	
Dove vi è il rischio di formazione di nebbia/aerosol	Maschera totale			EN136	

Cute e corpo:

Raccomandato	Tipo/Categoria	Norme	
È necessario utilizzare strumenti di lavoro particolari	-	-	

Mani:

Situazione di lavoro	Materiale	Spessore minimo (mm)	Tempo di permeazione (min.)	Norme	
Nel caso di esposizione prolungata o concentrazioni elevate	Nitrile	0.4	> 480	EN374-2, EN16523-1, EN388	
Nel caso di esposizione prolungata o concentrazioni elevate	Butile	0,7	> 480	EN374-2, EN16523-1, EN388, EN421	

Occhi:

Tipo	Norme	
Indossare occhiali di sicurezza con protezioni laterali.	EN166	

SEZIONE 9: PROPRIETÀ FISICHE E CHIMICHE

9.1. Informazioni sulle proprietà fisiche e chimiche fondamentali

Stato fisico:

Liquido

Colore:

Incolore

Odore / Soglia olfattiva (ppm):

Caratteristico

pH:

2.5

Densità (g/cm³):

1,1 (20 °C)

Viscosità cinematica::

Dati non disponibili.

Caratteristiche delle particelle:

Non si applica ai liquidi.

Modifica di stato e vapore

punto di fusione/punto di congelamento (°C):

Dati non disponibili.

Punto/intervallo di rammollimento (°C):

Non si applica ai liquidi.

Punto di ebollizione (°C):

100

Pressione del vapore:

Dati non disponibili.

Densità di vapore relativa:

Dati non disponibili.

Temperatura di decomposizione (°C):

Dati non disponibili.

Dati relativi al pericolo di incendio e di esplosione

Punto di fiamma (°C):

Dati non disponibili.

Infiammabilità (°C):

Dati non disponibili.

Temperatura di autoaccensione (°C):

Dati non disponibili.

Limite di esplosione (% v/v):

Dati non disponibili.

Solubilità

Solubilità in acqua:

Completamente solubile

Coefficiente n-ottanolo/acqua (LogKow):

Dati non disponibili.

Solubilità in grassi (g/L):

Dati non disponibili.

9.2. Altre informazioni

Altri parametri fisici e chimici:

Dati non disponibili.

Proprietà ossidanti:

Dati non disponibili.

SEZIONE 10: STABILITÀ E REATTIVITÀ

10.1. Reattività

Dati non disponibili.

10.2. Stabilità chimica

Il prodotto è stabile nelle condizioni riportate nella sezione 7 "Manipolazione e immagazzinamento".

10.3. Possibilità di reazioni pericolose

Non noto.

10.4. Condizioni da evitare

Non noto.

10.5. Materiali incompatibili

Conservare soltanto nell'imballaggio originale.

10.6. Prodotti di decomposizione pericolosi

In normali condizioni di stoccaggio e utilizzo, non devono essere prodotti prodotti di decomposizione pericolosi.

SEZIONE 11: INFORMAZIONI TOSSICOLOGICHE

11.1. Informazioni sulle classi di pericolo definite nel regolamento (CE) n. 1272/2008

Tossicità acuta

Prodotto/ingrediente	perossido di idrogeno soluzione 35%; acqua ossigenata 35%
Specie:	Ratto
Via di esposizione:	Orale
Test:	DL50
Risultato:	1.193 - 1.270 mg/L

Prodotto/ingrediente	perossido di idrogeno soluzione 35%; acqua ossigenata 35%
Specie:	Coniglio
Via di esposizione:	Cutanea
Test:	DL50
Risultato:	>2.000 (35% oplossing) mg/kg

Nocivo se ingerito.

Corrosione/irritazione cutanea

Prodotto/ingrediente	iT.34 laundry stainremover pro active oxygen

Risultato:	Effetti nocivi osservati (Irritante)

Prodotto/ingrediente	perossido di idrogeno soluzione 35%; acqua ossigenata 35%
Risultato:	Effetti nocivi osservati (Irritante)

Provoca irritazione cutanea.

Lesioni oculari gravi/irritazioni oculari gravi

Prodotto/ingrediente	iT.34 laundry stainremover pro active oxygen
Risultato:	Effetti nocivi osservati (Provoca gravi lesioni oculari)

Prodotto/ingrediente	perossido di idrogeno soluzione 35%; acqua ossigenata 35%
Risultato:	Effetti nocivi osservati (Provoca gravi lesioni oculari)

Provoca gravi lesioni oculari.

Sensibilizzazione respiratoria

Prodotto/ingrediente	perossido di idrogeno soluzione 35%; acqua ossigenata 35%
Risultato:	Nessun effetto nocivo osservato (non sensibilizzante)

Sulla base dei dati disponibili i criteri di classificazione non sono soddisfatti.

Sensibilizzazione cutanea

Sulla base dei dati disponibili i criteri di classificazione non sono soddisfatti.

Mutagenicità delle cellule germinali

Sulla base dei dati disponibili i criteri di classificazione non sono soddisfatti.

Cancerogenicità

Prodotto/ingrediente	perossido di idrogeno soluzione 35%; acqua ossigenata 35%
Conclusione:	Nessun effetto nocivo osservato

Sulla base dei dati disponibili i criteri di classificazione non sono soddisfatti.

Tossicità per la riproduzione

Prodotto/ingrediente	perossido di idrogeno soluzione 35%; acqua ossigenata 35%
Conclusione:	Nessun effetto nocivo osservato

Sulla base dei dati disponibili i criteri di classificazione non sono soddisfatti.

Tossicità specifica per organi bersaglio (STOT) — esposizione singola

Può provocare sonnolenza o vertigini.

Tossicità specifica per organi bersaglio (STOT) — esposizione ripetuta

Sulla base dei dati disponibili i criteri di classificazione non sono soddisfatti.

Pericolo in caso di aspirazione

Prodotto/ingrediente	perossido di idrogeno soluzione 35%; acqua ossigenata 35%

Sulla base dei dati disponibili i criteri di classificazione non sono soddisfatti.

11.2. Informazioni su altri pericoli

Effetti cronici

Il prodotto contiene sostanze che causano gravi danni agli occhi. Il contatto con queste sostanze può causare effetti irreversibili sugli occhi/danni gravi agli occhi.

Proprietà di interferenza con il sistema endocrino

In base ai dati disponibili, il prodotto non contiene sostanze elencate nelle principali liste europee di potenziali o sospetti interferenti endocrini con effetti sulla salute umana oggetto di valutazione.

Altre informazioni

perossido di idrogeno soluzione 35%; acqua ossigenata 35%: la sostanza è stata classificata nel gruppo 3 da IARC.

SEZIONE 12: INFORMAZIONI ECOLOGICHE

12.1. Tossicità

Prodotto/ingrediente	perossido di idrogeno soluzione 35%; acqua ossigenata 35%
Specie:	Pesce, Pimephales promelas
Durata:	96 ore
Test:	LC50
Risultato:	16,4 mg/L

Prodotto/ingrediente	perossido di idrogeno soluzione 35%; acqua ossigenata 35%
Specie:	Pesce, Leuciscus idus
Durata:	72 ore
Test:	LC50
Risultato:	35 mg/L

Prodotto/ingrediente	perossido di idrogeno soluzione 35%; acqua ossigenata 35%
Specie:	Pesce, Oncorhynchus mykiss
Durata:	7 giorni
Test:	LC50
Risultato:	38,5 mg/L

Prodotto/ingrediente	perossido di idrogeno soluzione 35%; acqua ossigenata 35%
Specie:	Daphnia pulex
Durata:	48 ore
Test:	EC50
Risultato:	2,4 mg/L

Prodotto/ingrediente	perossido di idrogeno soluzione 35%; acqua ossigenata 35%
Specie:	Daphnia magna
Durata:	24 ore
Test:	EC50
Risultato:	7,7 mg/L

Prodotto/ingrediente	perossido di idrogeno soluzione 35%; acqua ossigenata 35%
Specie:	Skeletonema costatum
Durata:	72 ore
Test:	EC50
Risultato:	1,38 mg/L

Prodotto/ingrediente	perossido di idrogeno soluzione 35%; acqua ossigenata 35%
Metodo di prova:	OCSE 209
Specie:	Batteri
Comparto ambientale:	Impianto per i fanghi attivi
Durata:	30 minutes
Test:	EC50
Risultato:	466 mg/L

Prodotto/ingrediente	perossido di idrogeno soluzione 35%; acqua ossigenata 35%
Metodo di prova:	OCSE 209
Specie:	Batteri
Comparto ambientale:	Impianto per i fanghi attivi
Durata:	3 ore
Test:	EC50
Risultato:	> 1.000 mg/L

Sulla base dei dati disponibili i criteri di classificazione non sono soddisfatti.

12.2. Persistenza e degradabilità

Prodotto/ingrediente perossido di idrogeno soluzione 35%; acqua ossigenata 35%
Conclusione: Pronta biodegradabilità

12.3. Potenziale di bioaccumulo

Prodotto/ingrediente perossido di idrogeno soluzione 35%; acqua ossigenata 35%
LogKow: -1,57
Conclusione: -

12.4. Mobilità nel suolo

Dati non disponibili.

12.5. Risultati della valutazione PBT e vPvB

Questa miscela/prodotto non contiene sostanze che soddisfano i criteri di classificazione PBT e/o vPvB.

12.6. Proprietà di interferenza con il sistema endocrino

Prodotto/ingrediente iT.34 laundry stainremover pro active oxygen
Conclusione: Nessun effetto nocivo osservato

Questa sostanza/miscela non contiene componenti considerati aventi proprietà di interferenza endocrina in relazione all'ambiente.

12.7. Altri effetti avversi

Non noto.

SEZIONE 13: CONSIDERAZIONI SULLO SMALTIMENTO

13.1. Metodi di trattamento dei rifiuti

Il materiale non utilizzato può essere smaltito in accordo alle norme vigenti relativamente ai rifiuti speciali assimilabili agli urbani. (*)

HP 6 - Tossicità acuta

HP 8 - Corrosivo

Smaltire il prodotto/recipiente in punti di raccolta per rifiuti pericolosi o speciali.

Regolamento (UE) n. 1357/2014 della Commissione del 18 dicembre 2014 relativo ai rifiuti.

Codice CER:

20 01 29* Detergenti contenenti sostanze pericolose

Imballaggio contaminato

Gli imballaggi contenenti piccoli resti del prodotto devono essere smaltiti allo stesso modo del prodotto.

SEZIONE 14: INFORMAZIONI SUL TRASPORTO

	14.1 ONU	14.2 Designazione ufficiale ONU di trasporto	14.3 Classi di pericolo connesso al trasporto	14.4 PG*	14.5. Env**	Altre informazio ni:
ADR	UN2014	PEROSSIDO DI IDROGENO IN SOLUZIONE ACQUOSA	Classe: 5.1 Etichette: 5.1+8 Codice di classificazione: OC1  	II	No	Quantità limitate: 1 L Codice di restrizione in galleria: (E) Vedere qui di seguito per

	14.1 ONU	14.2 Designazione ufficiale ONU di trasporto	14.3 Classi di pericolo connesso al trasporto	14.4 PG*	14.5. Env**	Altre informazioni:
						maggiori informazioni.
IMDG	UN2014	HYDROGEN PEROXIDE, AQUEOUS SOLUTION with not less than 20% but not more than 60% hydrogen peroxide (stabilized as necessary)	Classe: 5.1 Etichette: 5.1+8 Codice di classificazione: OC1  	II	No	Quantità limitate: 1 L EmS: F-H S-Q Vedere qui di seguito per maggiori informazioni.
IATA	UN2014	HYDROGEN PEROXIDE, AQUEOUS SOLUTION with not less than 20% but not more than 60% hydrogen peroxide (stabilized as necessary)	Classe: 5.1 Etichette: 5.1+8 Codice di classificazione: OC1  	II	No	Vedere qui di seguito per maggiori informazioni.

* Gruppo d'imballaggio

** Pericoli per l'ambiente

Altro

Il prodotto rientra nell'elenco delle merci pericolose.

ADR / Vedere Tabella A, Sezione 3.2.1 per eventuali informazioni su misure, requisiti o avvertenze speciali riguardanti il trasporto. Vedere la sezione 5.4.3, per quanto attiene istruzioni scritte sulla mitigazione dei danni in caso di incidenti durante il trasporto.

IMDG / Vedere la sezione 3.2.1 per eventuali informazioni su misure, requisiti o avvertenze speciali riguardanti il trasporto.

IATA / Vedere Tabella 4.2 per eventuali informazioni su misure, requisiti o avvertenze speciali riguardanti il trasporto.

14.6. Precauzioni speciali per gli utilizzatori

Non applicabile.

14.7. Trasporto marittimo alla rinfusa conformemente agli atti dell'IMO

Dati non disponibili.

SEZIONE 15: INFORMAZIONI SULLA REGOLAMENTAZIONE

15.1. Disposizioni legislative e regolamentari su salute, sicurezza e ambiente specifiche per la sostanza o la miscela

Limitazioni d'uso:

Uso ristretto agli utilizzatori professionali.

Esigenza di istruzioni particolari:

Nessun requisito particolare.

SEVESO - Categorie / Sostanze pericolose:

Non applicabile.

Regolamento relativo di precursori di esplosivi:

perossido di idrogeno soluzione 35%; acqua ossigenata 35% (Allegato I)

Etichettatura dei contenuti conforme al Regolamento sui detergenti 648/2004:

≥ 30%

· Sbiancanti a base di ossigeno

Altro:

Non applicabile.

Fonti:

Attuazione della direttiva 94/33/CE relativa alla protezione dei giovani sul lavoro.

Regolamento (CE) n. 648/2004 del Parlamento europeo e del Consiglio, del 31 marzo 2004, relativo ai detergenti.

Regolamento (UE) n. 1357/2014 della Commissione del 18 dicembre 2014 relativo ai rifiuti.

Regolamento (UE) 2019/1148 relativo di precursori di esplosivi.

Regolamento (CE) n. 1272/2008 del Parlamento europeo e del Consiglio del 16 dicembre 2008 relativo alla classificazione, all'etichettatura e all'imballaggio delle sostanze e delle miscele (CLP).

Regolamento (CE) n. 1907/2006 del Parlamento europeo e del Consiglio, del 18 dicembre 2006, concernente la registrazione, la valutazione, l'autorizzazione e la restrizione delle sostanze chimiche (REACH).

15.2. Valutazione della sicurezza chimica

No

SEZIONE 16: ALTRE INFORMAZIONI

Il testo completo delle frasi H è riportato nella sezione 3

H271, Può provocare un incendio o un'esplosione; molto comburente.

H302, Nocivo se ingerito.

H314, Provoca gravi ustioni cutanee e gravi lesioni oculari.

H315, Provoca irritazione cutanea.

H318, Provoca gravi lesioni oculari.

H319, Provoca grave irritazione oculare.

H332, Nocivo se inalato.

H336, Può provocare sonnolenza o vertigini.

Abbreviazioni e acronimi

ADN = Norme Europee relative al Trasporto Internazionale di Merci Pericolose per Vie Navigabili Interne

ADR = Accordo Europeo relativo al Trasporto Internazionale di Merci Pericolose su Strada

ATE = Stima della Tossicità Acuta

BCF = Fattore di Bioconcentrazione

CAS = Chemical Abstracts Service

CE = Conformité Européenne

CER = Catalogo Europeo dei Rifiuti

CLP = Classificazione, Etichettatura e Imballaggio [Regolamento (CE) N. 1272/2008]

CSA = Valutazione sulla Sicurezza Chimica

CSR = Relazione sulla Sicurezza Chimica

DMEL = Livello derivato con effetti minimi

DNEL = Livello derivato senza effetto

EINECS = Inventario Europeo delle Sostanze chimiche Esistenti a carattere Commerciale

ES = Scenario di Esposizione Indicazione

EUH = disposizioni di rischio specifiche al regolamento CLP

EuPCS = Sistema europeo di categorizzazione dei prodotti

GHS = Sistema Mondiale Armonizzato di Classificazione ed Etichettatura delle Sostanze Chimiche

GWP = Potenziale di riscaldamento globale

IATA = Associazione Internazionale per il Trasporto Aereo

IBC = Contenitori Bulk

IMDG = Trasporto Marittimo Internazionale di Merci Pericolose

Log Kow = log del coefficiente di ripartizione ottanolo/acqua

MARPOL = Convenzione Internazionale del 1973 per la Prevenzione dell'Inquinamento causato dalle Navi e il relativo protocollo del 1978

OCSE = Organizzazione per la Cooperazione e lo Sviluppo Economico

ONU = Organizzazione delle Nazioni Unite

PBT = Persistente, Bioaccumulante, Tossico

PNEC = Concentrazione Prevedibile Priva di Effetti

RID = I Regolamenti concernenti il Trasporto Internazionale di Merci Pericolose per Ferrovia

RRN = Numero REACH di Registrazione

rc = gli altri rifiuti soggetti a controllo

rcm = gli altri rifiuti soggetti a controllo con obbligo di modulo di accompagnamento

rs = rifiuti speciali

SCL = Limite di concentrazione specifico

SVHC = Sostanze Molto Pericolose

STOT = Tossicità Specifica per Organi Bersaglio - Esposizione Ripetuta

STOT = Tossicità Specifica per Organi Bersaglio - Esposizione Singola

TWA = Media ponderata nel tempo

UVCB = Indica sostanze di composizione sconosciuta o variabile, prodotti di una reazione complessa o materiali biologici.

VOC = Composti Organici Volatili

vPvB = Molto Persistente e Molto Bioaccumulabile

Altro

La classificazione della miscela con riguardo ai pericoli per la salute è conforme al metodi di calcolo fornito dal Regolamento CE n. 1272/2008 (CLP).

Convalidato da

Quality & Compliance

Altro

La presenza di un triangolo indica una modifica rispetto alla versione precedente (primo numero nella versione SDS, vedere sezione 1).

Le indicazioni riportate nella presente scheda di dati di sicurezza si applicano esclusivamente al prodotto indicato nella sezione 1 e non si applicano necessariamente in caso di utilizzo con altri prodotti.

Si consiglia di consegnare la presente scheda di dati di sicurezza all'utente del prodotto. Le informazioni riportate non possono essere utilizzate come specifiche prodotto.

Nazione-lingua: IT-it

安全データシート

iT.34 laundry stainremover pro active oxygen

項目 1: 物質/製剤および会社/企業の特定

1.1. 製品識別子

製品名:

iT.34 laundry stainremover pro active oxygen

1.2. 推奨用途及び使用上の制限

物質または混合物で関連の特定使用:

洗剤および洗淨剤 (溶剤系を含む)
産業用専用。

対提言使用:

不明。

1.3. 安全データシートの供給業者の詳細

会社と住所:

Hygieniq B.V.
Postbus 618
7500 AP Enschede
The Netherlands
+31 53 4282860
+31 53 5393865
www.hygieniq.com

電子メール:

info@hygieniq.com

SDS 日付:

2025/08/15

SDS バージョン:

1.0

1.4. 緊急連絡用電話番号 (受付時間)

緊急時には119 (24時間サービス) に電話すること
公益財団法人 日本中毒情報センター : +81-72-727-2499
項目4を参照 : 応急措置

項目 2: 危険有害性の要約

JISZ7252に基づく分類。

2.1. 物質または混合物の分類

Met. Corr. 1; H290, 金属腐食のおそれ
Acute Tox. 4; H302, 飲み込むと有害。
Skin Irrit. 2; H315, 皮膚刺激。

Eye Dam. 1; H318, 重篤な眼の損傷。
STOT SE 3; H336, 眠気やめまいのおそれ。

2.2. ラベル要素

危険有害性の絵文字:



注意喚起語:
危険

危険有害性情報:

金属腐食のおそれ (H290)
飲み込むと有害。 (H302)
皮膚刺激。 (H315)
重篤な眼の損傷。 (H318)
眠気やめまいのおそれ。 (H336)

注意書き:

概要:
該当なし。

安全対策:
取扱後は手と皮膚のばく露部をよく洗うこと。 (P264)
保護眼鏡/保護手袋/保護衣着用 すること。 (P280)

応急措置:
眼に入った場合:水で数分間注意深く洗うこと。次にコンタクトレンズを着用していて容易に外せる場合は外すこと。その後も洗浄を続けること。 (P305+P351+P338)
物的被害を防止するためにも流出したものを吸収すること。 (P390)

保管:
耐腐食性/耐腐食性内張りのある容器に保管すること。 (P406)

廃棄:
内容物/容器を現地の規制に廃棄すること。 (P501)

危険有害性成分:
hydrogen peroxide

追加ラベル付け:
該当なし。

項目3: 組成及び成分情報

3.1. 成分

該当なし。この製品は混合物です。

3.2. 混合物

製品 / 成分	識別子	% w/w	分類	注記
hydrogen peroxide	CAS番号 : 7722-84-1 EC番号 : 231-765-0	30-50%	Ox. Liq. 1, H271 Acute Tox. 4, H302 Skin Corr. 1A, H314 (SCL: 70.00 %) Skin Corr. 1B, H314 (SCL: 50.00 %) Skin Irrit. 2, H315 (SCL: 35.00 %) Eye Dam. 1, H318 (SCL: 8.00 %)	

			Eye Irrit. 2, H319 (SCL: 5.00 %) Acute Tox. 4, H332 STOT SE 3, H336 (SCL: 35.00 %)	

セクション16のHフレーズの全文を参照のこと。職業ばく露限界は利用可能な場合は、セクション8に記載されている。

その他の情報

-

項目4: 応急措置

4.1. 応急処置の解説

一般情報:

事故の場合: 医師または緊急部門に連絡すること - ラベルまたはこの安全データシートを持参する。
被害者の状態に疑問がある場合、または症状が継続する場合は、医師に連絡すること。絶対に意識不明の人に水やその他の飲み物を与えないこと。

吸入した場合:

呼吸困難や気道を刺激した場合: 被害者が新鮮な空気を吸える場所に移動し、一緒に付き添う。

皮膚に付着した場合:

皮膚に付着した場合: 多量の水/水と石鹸で洗うこと。
汚染された衣類や靴を直ちに引き除くこと。必ずばく露した皮膚を水と石鹸で十分に洗う。溶剤やシンナーは絶対に使用しない。
皮膚刺激が生じた場合: 医師の診察/手当を受けること。

眼に入った場合:

眼に入った場合: 十分な水または食塩水(20-30 °C)で少なくとも30分間目を洗い、刺激が止まるまで続ける。コンタクトレンズを外すこと。上下まぶたの下も洗うこと。直ちに医師の診断を受け、続けて洗うこと。直ちに医師の診察を受け、移送中には洗い流しを続けます。

飲み込んだ場合:

飲み込んだ場合: 気分が悪い時は中毒センター/医師に連絡すること。
口をすすぐこと。

やけど:

該当なし。

4.2. 重大な症状と作用の大部分には、急性および遅延性の両方がある

製品には、深刻な眼の損傷を引き起こす物質が含まれています。これらの物質に触れると、眼に不可逆的な影響を与えたり、眼に深刻な損傷を与えたりする可能性があります。

4.3. 何らかの即時の手当および特別な治療が必要とされることの表示

ばく露またはばく露の懸念がある場合:
直ちに医師に診察/手当を受けること。

医師に対する特別な注意事項

この安全データシートを持参のこと。

項目5: 火災時の措置

5.1. 消火剤

該当なし。

5.2. 物質または混合物から生じる特別な危険有害性

火は濃い煙をもたらす。燃焼製品にさらされると、健康に害を及ぼす可能性がある。火にさらされた密閉容器は、水で冷却するべきである。絶対に、消火水が下水や近くの地表水に入らないようにする。

5.3. 消防士に対する助言

接触を防ぐために、自給式呼吸装置と防護服を着用すること。直接ばく露した場合は、引き続き助言を得るために緊急サービス（119）に連絡すること。

項目6: 漏出時の措置

6.1. 人体に対する注意事項，保護具及び緊急時措置

流出した物質との直接接触は避けること。
とりわけ密閉区域における換気を適切に行うようにする。
流出物質からの蒸気を吸入しないこと。
汚染区域は滑りやすい場合がある。

6.2. 環境に対する注意事項

湖、小川、下水道などへの排出を避けること。
権限のない人を流出から遠ざける

6.3. 封じ込め及び浄化の方法及び機材

不燃性、吸収性物質で流出物を入れて収集します。砂、土、パーミキュライトまたは珪藻土を廃棄し、地元の規制に従って廃棄できるように容器に入れます。
洗浄は可能な限り、通常の洗浄剤で行う。溶剤の使用は避けること。

6.4. 他のセクションを参照

廃棄物取り扱いの追加情報に関してはセクション13を参照。
適切な個人保護装置に関する情報についてはセクション8を参照。

項目7: 取扱い及び保管上の注意

7.1. 安全に取扱うための注意事項

製品との直接接触は避けること。
作業場での喫煙、飲酒、食べ物の摂取は禁止する。
作業保護に関する情報については、「ばく露制御/個人保護」のセクションを参照のこと。

7.2. あらゆる配合禁忌を含む、安全な保管条件

開封した容器は、漏れを防ぐために慎重に再び封じ、直立で保管する必要がある。
耐腐食性/耐腐食性内張りのある容器に保管すること。

推奨保管材料:

他の容器に移し替えないこと。

保管条件:

乾燥、涼しい、十分な換気

混触危険物質:

他の容器に移し替えないこと。

7.3. 特定の最終用途

この製品はセクション1.2で引用した応用のみに使用しなければならない。

項目8: ばく露防止及び保護措置

8.1. 許容濃度

職業ばく露限界のある物質の全国リストに記載されている物質はない。

8.2. 暴露の管理

不必要な被ばくを防ぐため、全般的な管理を行います。

一般的な推奨事項:

作業場での喫煙、飲酒、食べ物の摂取は禁止する。

ばく露シナリオ:

"この製品にはばく露シナリオは実装されていない。

暴露限界値:

この製品の物質に対する職業ばく露限界は定義されていない。

適切な技術的管理:

洗眼場と安全シャワーが至近距離にあるようにする。

本製品の使用中には、標準的予防措置が適用されます。蒸気の吸入を避けます。

衛生対策:

汚染された衣類を脱ぎ、再使用する場合には洗濯をすること。

環境暴露管理:

特定の要件なし。

個人の保護措置

一般的:

CEマークが付いた保護具のみを使用すること。

呼吸用保護具:

工事状況	推奨フィルタの種類	クラス	クラス	標準	
ミスト/エアロゾル形成のリスクが伴う時	フルマスク			EN136	

身体保護具:

推奨	タイプ / カテゴリ	標準	
専用作業服	-	-	

手の保護具:

工事状況	材料	手袋の厚さ (mm)	破過時間 (分)	標準	
長期被爆または高濃度の場合	ニトリル ゴム、	0,4	> 480	EN374-2, EN16523-1, EN388	
長期被爆または高濃度の場合	ブチル	0,7	> 480	EN374-2, EN16523-1, EN388, EN421	

保護眼鏡/保護面:

推奨	標準	
サイドシールド付き安全メガネ	EN166	

項目9: 物理的及び化学的性質

9.1. 基本的な物理学および化学的特性に関する情報

物理的状:

液体

色:

無色

臭い:

特性

臭気しきい値 (ppm) :

利用可能なデータなし.

pH:

2.5

比重 (g/cm³):

1.1 (20 °C)

粘度:

利用可能なデータなし.

粒子特性:

液体には適用されません。

フェーズの変更

融点・凝固点 (°C):

利用可能なデータなし.

軟化点/範囲 (°C):

液体には適用されません。

沸点/沸騰範囲 (°C):

100

蒸気圧:

利用可能なデータなし.

蒸気密度:

利用可能なデータなし.

分解温度 (°C):

利用可能なデータなし.

蒸発速度:

火災および爆発の危険性に関するデータ

引火点 (°C):

利用可能なデータなし.

引火性 (°C):

利用可能なデータなし.

自然発火温度 (°C):

利用可能なデータなし.

爆発 (燃焼) 限界の上限および下限 (% v/v):

利用可能なデータなし.

溶解度

水中の溶解度:
完全に溶ける
分配係数 (LogKow):
利用可能なデータなし.
脂肪の溶解度 (g/L) :
利用可能なデータなし.

9.2. その他の情報

揮発性有機化合物(VOC):
その他の物理的および化学的パラメータ:
利用可能なデータなし.
酸化特性:
利用可能なデータなし.

項目 10: 安定性及び反応性

10.1. 反応性

利用可能なデータなし.

10.2. 化学的安定性

製品は「取り扱いと保管」のセクションに記載されている条件下で安定している。

10.3. 危険有害反応可能性

不明。

10.4. 避けるべき条件

不明。

10.5. 混触危険物質

他の容器に移し替えないこと。

10.6. 危険有害な分解生成物

通常の保管および使用条件下では、有害な分解生成物は発生しません。

項目 11: 有害性情報

11.1. 毒物学的作用に関する情報

急性毒性

製品 / 成分	hydrogen peroxide
種類:	ラット
暴露経路:	経口
テスト:	LD50
結果:	1.193 - 1.270 mg/L

製品 / 成分	hydrogen peroxide
種類:	ウサギ
暴露経路:	皮膚
テスト:	LD50
結果:	>2.000 (35% oplossing) mg/kg

飲み込むと有害。

刺激性/腐食性

製品 / 成分	iT.34 laundry stainremover pro active oxygen

JIS Z 7253:2019 に よ る

結果: 副作用が認められる (刺激する)

製品 / 成分 hydrogen peroxide
結果: 副作用が認められる (刺激する)

皮膚刺激。

重篤な眼の損傷/刺激

製品 / 成分 iT.34 laundry stainremover pro active oxygen
結果: 副作用が認められる (重篤な眼の損傷)

製品 / 成分 hydrogen peroxide
結果: 副作用が認められる (重篤な眼の損傷)

重篤な眼の損傷。

呼吸器ま感作

製品 / 成分 hydrogen peroxide
結果: 副作用は認められない (感作しない)

使用可能なデータを基にすると、分類基準が満たされていません。

皮膚感作

使用可能なデータを基にすると、分類基準が満たされていません。

変異原性

使用可能なデータを基にすると、分類基準が満たされていません。

発がん性

製品 / 成分 hydrogen peroxide
結論: 副作用は認められない

使用可能なデータを基にすると、分類基準が満たされていません。
hydrogen peroxide : 物質はIARCでグループ3に分類されている。

催奇形性 / 発育への影響

製品 / 成分 hydrogen peroxide
結論: 副作用は認められない

使用可能なデータを基にすると、分類基準が満たされていません。

特定標的臓器 / 全身毒性 (単回暴露)

眠気やめまいのおそれ。

特定標的臓器 / 全身毒性 (反復暴露)

使用可能なデータを基にすると、分類基準が満たされていません。

呼吸に対する危険有害性

製品 / 成分 hydrogen peroxide
使用可能なデータを基にすると、分類基準が満たされていません。

健康への慢性効果の可能性

製品には、深刻な眼の損傷を引き起こす物質が含まれています。これらの物質に触れると、眼に不可逆的な影響を与えたり、眼に深刻な損傷を与えたりする可能性があります。

項目 12: 環境影響情報

12.1. 毒性

製品 / 成分 hydrogen peroxide
種類: 魚類, Pimephales promelas
存続期間: 96 時間

JIS Z 7253:2019 に よ る

テスト: LC50
結果: 16,4 mg/L

製品 / 成分
種類: hydrogen peroxide
種類: 魚類, Leuciscus idus
存続期間: 72 時間
テスト: LC50
結果: 35 mg/L

製品 / 成分
種類: hydrogen peroxide
種類: 魚類, Oncorhynchus mykiss
存続期間: 7 日
テスト: LC50
結果: 38,5 mg/L

製品 / 成分
種類: hydrogen peroxide
種類: Daphnia pulex
存続期間: 48 時間
テスト: EC50
結果: 2,4 mg/L

製品 / 成分
種類: hydrogen peroxide
種類: Daphnia magna
存続期間: 24 時間
テスト: EC50
結果: 7,7 mg/L

製品 / 成分
種類: hydrogen peroxide
種類: Skeletonema costatum
存続期間: 72 時間
テスト: EC50
結果: 1,38 mg/L

製品 / 成分
試験方法: hydrogen peroxide
試験方法: OECD 209
種類: バクテリア
環境: 活性スラッジプラント
存続期間: 30 minutes
テスト: EC50
結果: 466 mg/L

製品 / 成分
試験方法: hydrogen peroxide
試験方法: OECD 209
種類: バクテリア
環境: 活性スラッジプラント
存続期間: 3 時間
テスト: EC50
結果: > 1.000 mg/L

使用可能なデータを基にすると、分類基準が満たされていません。

12.2. 残留性・分解性

製品 / 成分: hydrogen peroxide
結論: 生分解しやすい

12.3. 生体蓄積性

JIS Z 7253:2019 による

製品 / 成分 hydrogen peroxide
LogKow: -1,57
結論: -

12.4. 土壌中の移動性

利用可能なデータなし。

12.5. 12.5.PBTおよびvPvB評価の結果

この混合物/製品には、PBTまたはvPvB、もしくはその両者として分類される基準を満たすと考慮される物質は含まれていない。

12.6. その他の悪影響

不明。

項目 13: 廃棄上の注意

廃棄物処理方法

内容物/容器をに廃棄すること。

特定のラベル

汚染された包装

製品の残渣を含む包装は製品と同様に処分する必要がある。

項目 14: 輸送上の注意

	14.1 国連番号	14.2 輸送固有名	14.3 範疇	14.4 PG*	14.5 Env**	その他の情報:
ADR	UN2014	過酸化水素（水溶液）	クラス 等級: 5.1 等級: 5.1+8 Classification code: OC1  	II	いいえ	許容質量: 1 L ンネル制限 コード: (E) 追加情報については、 以下を参照してください。
IMDG	UN2014	HYDROGEN PEROXIDE, AQUEOUS SOLUTION with not less than 20% but not more than 60% hydrogen peroxide (stabilized as necessary)	クラス 等級: 5.1 等級: 5.1+8 Classification code: OC1  	II	いいえ	許容質量: 1 L EmS: F-H S-Q 追加情報については、 以下を参照してください。
IATA	UN2014	HYDROGEN PEROXIDE, AQUEOUS SOLUTION with not less than 20% but not more than 60% hydrogen peroxide (stabilized as necessary)	クラス 等級: 5.1 等級: 5.1+8 Classification code: OC1  	II	いいえ	追加情報については、 以下を参照してください。

* 容器等級

** 環境有害性

追加情報

この製品は危険物の輸送規制範囲内である。

ADR / 輸送に関連した特別な規定、要求事項又は注意事項に関する情報については3.2.1項の表Aを参照して下さい。輸送中の事件又は事故によって生じた損傷の緩和に関する書面での説明については5.4.3項を参照して下さい。

IMGD / 輸送に関連した特別な規定、要求事項又は注意事項に関する情報については3.2.1項の表Aを参照して下さい。

IATA / 輸送に関連した特別な規定、要求事項又は注意事項に関する情報については4.2.項の表を参照して下さい。

14.6. 使用者のための特別な予防措置

該当なし。

14.7. MARPOL条約の附属書IIおよびIBCコードによるばら積み運搬

利用可能なデータなし。

項目 15: 適用法令

15.1. 物質または混合物ごとに個別に関連する、安全、健康および環境に関する規則/法律

応用の制限:

産業用専用。

特定教育に対する要求:

特定の要件なし。

その他の情報:

該当なし。

既存および新規化学物質 (ENCS):

どの化学成分も表示されていない。

毒物及び劇物取締法:

hydrogen peroxide

化管法 (PRTR):

どの化学成分も表示されていない。

有機溶剤中毒予防規則:

どの化学成分も表示されていない。

ソース:

GHS に基づく化学品の分類方法. JIS Z 7252 (2019)

GHS に基づく化学品の危険有害性情報の伝達方法 - ラベル, 作業場内の表示及び 安全データシート (SDS). JIS Z 7253 (2019)

項目 16: その他の情報

セクション3に記載のHフレーズ全文

H271, 火災または爆発のおそれ; 強酸化性物質。

H302, 飲み込むと有害。

H314, 重篤な皮膚の薬傷・眼の損傷

H315, 皮膚刺激。

H318, 重篤な眼の損傷。

H319, 強い眼刺激。

H332, 吸入すると有害。

H336, 眠気やめまいのおそれ。

セクション1に記載の識別された使用の全文

不明。

略語と頭字語

ACGIH = アメリカ産業衛生専門家会議
ADN = ヨーロッパ内陸水路危険物運送規定
ADR = ヨーロッパ道路危険物運送条約
ATE = 急性毒性見積
BCF = 生物濃縮係数
CAS = ケミカル・アブストラクト・サービス
EINECS = 欧州既存商業化学物質リスト
GHS = 化学品の分類および表示に関する世界調和システム
IARC = 国際がん研究機関
IATA = 国際航空運送協会
IMDG = 国際海上危険物規程
LogPow = オクタノール／水分配係数の対数
MARPOL = 1978年の議定書によって修正された1973年船舶による汚染防止のための国際条約
NIOSH = 国立労働安全衛生研究所
OECD = 経済協力開発機構
OSHA = 労働安全衛生局
RID = 鉄道による危険物の国際輸送に関する規制
RRN = REACH登録番号
SCL = には特定の濃度限界値 (SCL) がある。
STEL = 短期ばく露限界
STOT-RE = 特定標的臓器毒性 (反復ばく露)
STOT-SE = 特定標的臓器毒性 (単回ばく露)
TWA = 時間加重平均
UN = 国際連合
VOC = 揮発性有機化合物

追加情報

健康被害に関する混合物の分類はJISZ 7252の計算方法に従う。

安全データシートは次により確認される

Quality & Compliance

その他

変更 (最後の本質的な変更 (SDS バージョンの最初の文字、セクション1を参照) に対して) は、青い三角形で表示されている。

この安全データシートの情報はこの特定製品 (セクション1に記載) にのみ適用され、他の化学薬品/製品で使用する場合は必ずしも正しいものではない。

この安全データシートを、製品の実際の利用者に渡すことを推奨する。この安全データシートの情報は製品仕様としては使用できない。

国-言語 : JP-ja

안전 데이터 시트

iT.34 laundry stainremover pro active oxygen

1: 물질/제품과 회사 정보

1.1. 제품 식별명

제품명:
iT.34 laundry stainremover pro active oxygen

1.2. 제품의 권고 용도와 사용상의 제한

물질 또는 혼합물의 적절한 식별 용도:
세제 및 세정제(솔벤트 기반 세제 포함)
전문 사용자 전용.

권고되는 사용 대상:
알려진 바 없습니다.

1.3. 물질안전보건자료의 공급자에 대한 자세한 사항

회사 세부정보:
Hygeniq B.V.
Postbus 618
7500 AP Enschede
The Netherlands
+31 53 4282860
+31 53 5393865
www.hygeniq.com

이메일:
info@hygeniq.com

SDS 날짜:
2025. 8. 15.

SDS 버전:
1.0

1.4. 긴급전화번호

응급의료센터: 1339(24시간 서비스)
섹션 4: 응급조치

2: 유해성·위험성

화학물질의 분류 표시 및 물질안전보건자료에 관한 기준(고용노동부 제2023-9호)에 따라 분류합니다.

2.1. 물질 또는 혼합물의 분류

Met. Corr. 1; H290, 금속을 부식시킬 수 있음.
Acute Tox. 4; H302, 삼키면 유해함.
Skin Irrit. 2; H315, 피부에 자극을 일으킴.
Eye Dam. 1; H318, 눈에 심한 손상을 일으킴.

화학물질의 분류, 표시 및 물질안전보건자료에 관한 기준, 제10조 따름

STOT SE 3; H336, 졸음 또는 현기증을 일으킬 수 있음.

2.2. 표지 요소

유해 그림문자:



신호어:

위험

유해·위험 문구:

금속을 부식시킬 수 있음. (H290)

삼키면 유해함. (H302)

피부에 자극을 일으킴. (H315)

눈에 심한 손상을 일으킴. (H318)

졸음 또는 현기증을 일으킬 수 있음. (H336)

예방조치 문구:

일반:

해당사항 없음.

예방:

취급 후에는 손 및 노출된 피부 철저히 씻으시오. (P264)

보안경/보호장갑/보호의 착용하십시오. (P280)

대응:

눈에 묻으면 몇 분간 물로 조심해서 씻으시오. 가능하면 콘택트렌즈를 제거하십시오. 계속 씻으시오. (P305+P351+P338)

물질손상을 방지하기 위해 누출물을 흡수시키시오. (P390)

저장:

금속부식성 물질이므로(제조사 또는 행정관청에서 정한) 내부식성 용기에 보관하십시오. (P406)

폐기:

현지 규정 내용물·용기를 폐기하십시오. (P501)

내용량, 성분 및 함유량:

hydrogen peroxide

추가 라벨링:

해당사항 없음.

3: 구성성분의 명칭 및 함유량

3.1. 물질

해당사항 없음. 이 제품은 혼합물입니다.

3.2. 혼합물

제품/성분	식별자	% w/w	분류	참고
물	CAS번호: 7732-18-5 EC: 231-791-2	40-60%		
hydrogen peroxide	CAS번호: 7722-84-1 EC: 231-765-0	30-50%	Ox. Liq. 1, H271 Acute Tox. 4, H302 Skin Corr. 1, H314 Skin Irrit. 2, H315 (SCL: 35.00 %) Eye Dam. 1, H318 (SCL: 8.00 %) Eye Irrit. 2, H319 (SCL: 5.00 %)	

화학물질의 분류, 표시 및 물질안전보건자료에 관한 기준, 제10조 따름

			Acute Tox. 4, H332 STOT SE 3, H336 (SCL: 35.00 %)	

섹션 16에 언급된 H-문구 전문을 참조하십시오. 작업장 노출 한도 자료가 있을 경우 섹션 8에 나옵니다.

그 밖의 참고사항

4: 응급조치 요령

4.1. 응급조치에 관한 기술

일반:

사고의 경우: 의사 또는 사상자 부서에 문의하고 (119) 라벨이나 이 물질 안전 보건자료를 지참하십시오.
부상 당한 사람의 상태가 의심되거나 증상이 지속되면 의사에게 문의하십시오. 의식이 없는 사람에게 물이나 다른 음료를 주지 마십시오.

흡입했을 때:

호흡 곤란 또는 호흡기 자극 시: 사람을 신선한 공기가 있는 곳으로 데려가서 함께 머무십시오.

피부에 접촉했을 때:

피부에 묻으면 다량의 물/비누와 물로 씻으십시오.
오염된 의복과 신발을 벗기십시오. 물과 비누로 노출된 피부를 철저히 씻으십시오. 용제나 희석제를 사용하지 마십시오.
피부 자극이 생기면 의학적인 조언·주의를 받으십시오.

눈에 들어갔을 때:

눈에 묻으면: 다량의 물 또는 바닷물(20-30 °C)로 30분 이상 눈을 씻고 자극이 멈출 때까지 계속하십시오. 콘택트렌즈를 빼십시오. 위아래 눈꺼풀 밑을 씻어 내십시오. 즉시 의료 지원을 요청하고 세척을 계속하십시오.

먹었을 때:

삼켜서 불편함을 느끼면 의료기관/의사의 도움을 받으십시오.
입을 씻어내십시오.

화상:

해당사항 없음.

4.2. 가장 중요한 급성 및 지연 증상과 영향

제품에는 심각한 눈 손상을 일으키는 물질이 포함되어 있습니다. 이러한 물질과 접촉하면 눈에 돌이킬 수 없는 영향을 주거나 심각한 눈 손상을 일으킬 수 있습니다.

4.3. 즉시 필요한 의학적 주의사항 및 특별한 처치 지침

노출 또는 노출이 우려되면
즉시 의학적인 조치·조언을 구하십시오.

기타 의사의 주의사항

이 물질 안전 보건자료를 지참하십시오.

5: 폭발·화재시 대처방법

5.1. 소화제

해당사항 없음.

5.2. 물질 또는 혼합물로 부터 발생하는 특별한 위험

화재 시 짙은 연기가 발생합니다. 연소 제품에 노출되면 건강에 해를 줄 수 있습니다. 화재에 노출된 밀폐 용기는 물로 식혀야 합니다. 소화수가 하수 시스템 및 인근 지표수에 유입되지 않도록 하십시오.

5.3. 화재 진압에 대한 조언

접촉 방지를 위해 자급식 호흡 장비 및 보호복을 착용하십시오. 직접 노출 시 추가 조언을 얻기 위해 응급의료센터(119)에 연락하십시오.

6: 누출 사고 시 대처방법

6.1. 인체를 보호하기 위해 필요한 조치 사항 및 보호구

유출된 물질에 직접 접촉하지 마십시오.
특히 밀폐된 공간에서는 환기가 적절히 되도록 하십시오.
유출된 물질로부터 증기를 흡입하지 마십시오.
오염된 부분은 미끄러울 수 있습니다.

6.2. 환경을 보호하기 위해 필요한 조치사항

호수, 개울, 하수구 등으로 배출하지 마십시오.
허가받지 않은 사람이 누출물로부터 멀리 떨어지게 하십시오.

6.3. 정화 또는 제거 방법

유출물을 모래나 흙, 질석, 구조토와 같은 불연성, 흡수성 물질에 모아 담아 현지 규정에 따라 폐기 가능한 용기에 담으십시오.
가능한 일반적인 세척제로 세척합니다. 용제 사용을 피하십시오.

6.4. 기타 항목에대한 참조

폐기물 처리와 관련하여 13 '폐기시 주의사항' 섹션을 참조하십시오.
보호 조치는 8 '노출방지 및 개인보호구' 섹션을 참조하십시오.

7: 취급 및 저장방법

7.1. 안전취급요령

제품과 직접 접촉하지 마십시오.
작업 구역에서는 흡연, 음주 및 음식 섭취가 금지됩니다.
개인 보호에 대한 정보는 '노출방지 및 개인보호구' 섹션을 참조하십시오.

7.2. 안전한 저장 방법(피해야 할 조건을 포함함)

개봉한 용기는 누출을 방지하기 위해 조심스럽게 다시 밀봉하고 똑바로 세워야 합니다.
금속부식성 물질이므로(제조사 또는 행정관청에서 정한) 내부식성 용기에 보관하십시오.

권장되는 보관재료:

원래의 용기에만 보관하십시오.

보관 조건:

건조하고 시원하며 통풍이 잘 됨

피해야 할 물질:

원래의 용기에만 보관하십시오.

7.3. 구체적인 사용 용도

이 제품은 섹션 1.2에 인용된 애플리케이션에만 사용해야 합니다.

8: 노출방지 및 개인보호구

8.1. 제어 변수

hydrogen peroxide

장시간 노출 한계(8시간) (ppm): 1

화학물질 및 물리적 인자의 노출기준
고용노동부 (한국, 8/2016).

화학물질의 분류, 표시 및 물질안전보건자료에 관한 기준, 제10조 따름

8.2. 노출 관리

주어진 작업장 노출 한도 값을 준수하는지 정기적으로 통제해야 합니다.

일반 권장 사항:

작업 구역에서는 흡연, 음주 및 음식 섭취가 금지됩니다.

노출 시나리오:

이 제품에 대해 구현된 노출 시나리오가 없습니다.

노출 허용치:

전문 사용자는 작업장 노출에 대해 법적으로 설정된 최대 농도의 적용을 받습니다. 위의 산업 위생 한계 값을 참조하십시오.

적절한 공학적 관리:

수증기 발생은 최소 수준 및 현 한도값 이하로 유지하여야 한다(위 내용 참조). 작업 공간에 정상적인 공기의 흐름이 부족한 경우, 로컬 배기 시스템 설치를 권장한다. 비상 눈세척 및 샤워를 명확하게 표시하도록 한다.

눈 세척기와 안전 샤워기가 손이 닿는 곳에 있도록 하십시오.

제품 사용시 표준 예방 조치에 따릅니다. 수증기 흡입을 피한다.

위생상 주의사항:

오염된 의복은 벗고 다시 사용 전 세척하십시오.

환경 노출 관리:

특정한 요구 사항 없음.

개인 보호 조치

일반:

KC 마크 보호 장비만 사용하십시오.

호흡기 보호:

작업 상황	유형	등급	색상	표준	
미스트/에어로졸 발생의 위험이 있는 경우	폴 마스크			EN136	

신체 보호:

추천	타입/범주	표준	
전용 작업복	-	-	

손 보호:

작업 상황	물질	장갑 두께 (mm)	돌파 시간 (분)	표준	
긴 시간 노출 또는 높은 농도인 경우	니트릴 고무	0.4	> 480	EN374-2, EN16523-1, EN388	
긴 시간 노출 또는 높은 농도인 경우	부틸 고무	0,7	> 480	EN374-2, EN16523-1, EN388, EN421	

눈/안면 보호구:

화학물질의 분류, 표시 및 물질안전보건자료에 관한 기준, 제10조 따름

유형	표준	
측면 실드가 있는 안전 안경	EN166	

9: 물리화학적 특성

9.1. 물리화학적 특성에 관한 정보

물리적 상태:
액체

색:
무색

냄새:
특성

냄새 역치 (ppm):
자료 없음.

pH:
2.5

비중 (g/cm³):
1.1 (20 °C)

점도:
자료 없음.

임자 특성:
액체에 사용하지 마십시오.

위상 변화

녹는점/어는점 (°C):
자료 없음.

액체에 사용하지 마십시오.

초기 끓는점과 끓는점 범위 (°C):
100

증기압:
자료 없음.

증기밀도:
자료 없음.

분해 온도 (°C):
자료 없음.

화재 및 폭발 위험에 관한 데이터

인화점 (°C):
자료 없음.

인화성 (°C):
자료 없음.

자연발화 온도 (°C):
자료 없음.

화학물질의 분류, 표시 및 물질안전보건자료에 관한 기준, 제10조 따름

인화 또는 폭발 범위의 상한/하한 (% v/v):

자료 없음.

용해도

물 용해도:

완전히 용해 가능

분배계수 (LogKow):

자료 없음.

지방 용해도(g/L):

자료 없음.

9.2. 그 밖의 참고사항

기타 물리적 및 화학적 매개변수:

자료 없음.

산화성:

자료 없음.

10: 안정성 및 반응성

10.1. 반응성

자료 없음.

10.2. 화학적 안정성

이 제품은 '취급 및 저장방법' 섹션에 명시된 조건에서 안정적입니다.

10.3. 유해 반응의 가능성

알려진 바 없습니다.

10.4. 피해야 할 조건

알려진 바 없습니다.

10.5. 피해야 할 물질

원래의 용기에만 보관하십시오.

10.6. 분해시 생성되는 유해물질

정상적인 보관 및 사용 조건에서 위험한 분해 산물이 생성되어서는 안 됩니다.

11: 독성에 관한 정보

11.1. 독성 영향에 관한 정보

급성 독성

제품/성분	hydrogen peroxide
생물종:	쥐
노출 경로:	경구
시험:	LD50
결과:	1.193 - 1.270 mg/L

제품/성분	hydrogen peroxide
생물종:	토끼
노출 경로:	피부
시험:	LD50
결과:	>2.000 (35% oplossing) mg/kg

삼키면 유해함.

화학물질의 분류, 표시 및 물질안전보건자료에 관한 기준, 제10조 따름

자극성/부식성

제품/성분
결과: iT.34 laundry stainremover pro active oxygen
관찰된 부작용 (자극적)

제품/성분
결과: hydrogen peroxide
관찰된 부작용 (자극적)

피부에 자극을 일으킴.

심한 눈 손상/자극

제품/성분
결과: iT.34 laundry stainremover pro active oxygen
관찰된 부작용 (눈에 심한 손상을 일으킴)

제품/성분
결과: hydrogen peroxide
관찰된 부작용 (눈에 심한 손상을 일으킴)

눈에 심한 손상을 일으킴.

호흡기 과민성

제품/성분
결과: hydrogen peroxide
관찰된 부작용 없음 (민감하지 않음)

사용 가능한 데이터를 기준으로 할 때 분류 기준이 충족되지 않습니다.

피부 과민성

사용 가능한 데이터를 기준으로 할 때 분류 기준이 충족되지 않습니다.

생식 세포 변이원성

사용 가능한 데이터를 기준으로 할 때 분류 기준이 충족되지 않습니다.

발암성

제품/성분
결론: hydrogen peroxide
관찰된 부작용 없음

사용 가능한 데이터를 기준으로 할 때 분류 기준이 충족되지 않습니다.
hydrogen peroxide : 물질은 IARC에 의해 그룹 3로 분류되었습니다.

생식 독성

제품/성분
결론: hydrogen peroxide
관찰된 부작용 없음

사용 가능한 데이터를 기준으로 할 때 분류 기준이 충족되지 않습니다.

특정 표적장기 독성 (1회 노출)

졸음 또는 현기증을 일으킬 수 있음.

특정 표적장기 독성 (반복 노출)

사용 가능한 데이터를 기준으로 할 때 분류 기준이 충족되지 않습니다.

흡인 유해성

제품/성분
사용 가능한 데이터를 기준으로 할 때 분류 기준이 충족되지 않습니다.
hydrogen peroxide

만성 징후와 증상

제품에는 심각한 눈 손상을 일으키는 물질이 포함되어 있습니다. 이러한 물질과 접촉하면 눈에 돌이킬 수 없는 영향을 주거나 심각한 눈 손상을 일으킬 수 있습니다.

12: 환경에 미치는 영향

12.1. 독성

제품/성분
hydrogen peroxide

화학물질의 분류, 표시 및 물질안전보건자료에 관한 기준, 제10조 따름

생물종: 물고기, *Pimephales promelas*
기간: 96 시간
시험: LC50
결과: 16,4 mg/L

제품/성분: hydrogen peroxide
생물종: 물고기, *Leuciscus idus*
기간: 72 시간
시험: LC50
결과: 35 mg/L

제품/성분: hydrogen peroxide
생물종: 물고기, *Oncorhynchus mykiss*
기간: 7 일
시험: LC50
결과: 38,5 mg/L

제품/성분: hydrogen peroxide
생물종: *Daphnia pulex*
기간: 48 시간
시험: EC50
결과: 2,4 mg/L

제품/성분: hydrogen peroxide
생물종: *Daphnia magna*
기간: 24 시간
시험: EC50
결과: 7,7 mg/L

제품/성분: hydrogen peroxide
생물종: *Skeletonema costatum*
기간: 72 시간
시험: EC50
결과: 1,38 mg/L

제품/성분: hydrogen peroxide
시험 방법: OECD 209
생물종: 박테리아
환경: 활성 슬러지 플랜트
기간: 30 minutes
시험: EC50
결과: 466 mg/L

제품/성분: hydrogen peroxide
시험 방법: OECD 209
생물종: 박테리아
환경: 활성 슬러지 플랜트
기간: 3 시간
시험: EC50
결과: > 1.000 mg/L

사용 가능한 데이터를 기준으로 할 때 분류 기준이 충족되지 않습니다.

12.2. 잔류성 및 분해성

제품/성분: hydrogen peroxide
결론: 쉽게 생분해 가능

화학물질의 분류, 표시 및 물질안전보건자료에 관한 기준, 제10조 따름

12.3. 생물 농축성

제품/성분 hydrogen peroxide
LogKow: -1,57
결론: -

12.4. 토양 이동성

자료 없음.

12.5. PBT(잔류성, 생물농축성, 독성) 및 vPvB(고잔류성, 고생물농축성) 평가 결과

이 혼합물/제품에는 PBT 및/또는 vPvB로 분류되는 기준을 충족하는 것으로 여겨지는 물질이 포함되어 있지 않습니다.

12.6. 기타 유해 영향

알려진 바 없습니다.

13: 폐기시 주의사항

폐기물 처리 방법

승인된 폐기물 처리 플랜트로 내용물·용기를 폐기하십시오.

특정 라벨링

포장

제품의 잔류물이 포함된 포장은 제품과 유사하게 폐기해야 합니다.

14: 운송에 필요한 정보

	14.1 UN번호	14.2 적정 선적명	14.3 범주	14.4 PG*	14.5 Env**	그 밖의 참 고사항:
ADR	UN2014	HYDROGEN PEROXIDE, AQUEOUS SOLUTION with not less than 20% but not more than 60% hydrogen peroxide (stabilized as necessary)	수업: 5.1 라벨: 5.1+8 분류 코드: OC1  	II	아니오	제한된 수 량: 1 L 터널 제한 코드: (E) 추가 정보는 아래를 참조 해 주십시 오.
IMDG	UN2014	HYDROGEN PEROXIDE, AQUEOUS SOLUTION with not less than 20% but not more than 60% hydrogen peroxide (stabilized as necessary)	수업: 5.1 라벨: 5.1+8 분류 코드: OC1  	II	아니오	제한된 수 량: 1 L EmS: F-H S- Q 추가 정보는 아래를 참조 해 주십시 오.
IATA	UN2014	HYDROGEN PEROXIDE, AQUEOUS SOLUTION with not less than 20% but not more than 60% hydrogen peroxide (stabilized as necessary)	수업: 5.1 라벨: 5.1+8 분류 코드: OC1  	II	아니오	추가 정보는 아래를 참조 해 주십시 오.

* 포장 그룹

화학물질의 분류, 표시 및 물질안전보건자료에 관한 기준, 제10조 따름

** 환경 유해성

추가 정보

이 제품은 위험물 운송 규정의 범위 내에 있습니다.

ADR / 운송과 관련된 특수 조항, 요구 조건 또는 경고에 대한 정보는 표 A, 섹션 3.2.1을 참조하십시오. 운송 중 사고 또는 사고와 관련된 손상 완화에 대한 서면 지침은 섹션 5.4.3을 참조하십시오.

IMGD / 운송과 관련된 특수 조항, 요구 조건 또는 경고에 대한 정보는 표 A, 섹션 3.2.1을 참조하십시오.

IATA / 운송과 관련된 특수 조항, 요구 조건 또는 경고에 대한 정보는 표 , 섹션 4.2.을 참조하십시오.

14.6. 사용자가 운송 또는 운송 수단에 관련해 알 필요가 있거나 필요한 특별한 안전 대책

해당사항 없음.

14.7. MARPOL 부록 II 및 IBC 코드에 따른 벌크 운송

자료 없음.

15: 법적 규제현황

15.1. 물질 또는 혼합물에 관련된 안전, 보건 및 환경 규정/법률

적용에 대한 제한:

전문 사용자 전용.

특정 교육에 대한 요구:

특정한 요구 사항 없음.

추가 정보:

해당사항 없음.

중점관리물질:

구성 성분이 나와있지 않습니다

KECI:

hydrogen peroxide 가 나열되어 있습니다.

출처:

중점관리물질 : 환경부 고시 제2022-79호

화학물질의 분류·표시 및 물질안전보건자료에 관한 기준 (고용노동부고시 제2023-9호)

15.2. 화학 물질 안전성 평가

아니오

16: 그 밖의 참고사항

섹션 3에 언급된 H-문구 전문

H271, 화재 또는 폭발을 일으킬 수 있음: 강산화제.

H302, 삼키면 유해함.

H314, 피부에 심한 화상과 눈 손상을 일으킴.

H315, 피부에 자극을 일으킴.

H318, 눈에 심한 손상을 일으킴.

H319, 눈에 심한 자극을 일으킴.

H332, 흡입하면 유해함.

H336, 졸음 또는 현기증을 일으킬 수 있음.

섹션 1에 언급된 식별된 사용의 전문

알려진 바 없습니다.

약어 및 두문자어

ADN = 내륙 수로에 의한 위험물 국제 운송에 관한 유럽 규정

ADR = 위험물 국제 도로 운송에 관한 유럽 협약

화학물질의 분류, 표시 및 물질안전보건자료에 관한 기준, 제10조 따름

ATE = 급성 독성 추정
BCF = 생물농축 계수
CAS = 화학논문 초록 서비스
EINECS = 유럽 기존 상용 화학 물질 목록
GHS = 화학물질 분류 표시 국제조화시스템
IARC = 국제암연구기관
IATA = 국제항공운송 협회
IMDG = 국제해상위험물
KECI = 한국 기존 화학 물질 목록
LogPow = 옥탄올/물 분배 계수의 로그
MARPOL = 1978년 의정서에 의해 수정된 1973년 해양오염방지협약 ("Marpol"= 해양 오염)
MoE = 환경부공고
OECD = 경제협력개발기구
PBT = 잔류성, 생물농축성, 독성
RID = 위험물 국제 철도 운송에 관한 규정
RRN = REACH 등록 번호
SCL = 에는 특정 농도 한계(SCL)가 있습니다.
STEL = 단기 노출 한도
STOT-RE = 특정 대상 장기 독성-반복 노출
STOT-SE = 특정 대상 장기 독성-단일 노출
TWA = 시간 가중 평균
UN = 국제연합
VOC = 휘발성 유기 화합물
vPvB = 고잔류성, 고생물농축성

추가 정보

건강 위험과 관련하여 혼합물의 분류는 화학 물질 및 물질 안전 보건 자료의 분류 라벨링 표준(MoEL No. 2023-9)에 의해 제공된 계산 방법을 따릅니다.

물질 안전 보건자료가 다음에 의해 확인됨

Quality & Compliance

그 밖의 참고사항

변경(마지막 필수 변경에 비례(SDS 버전의 첫 번째 암호, 섹션 1 참조))은 파란색 삼각형으로 표시됩니다.

이 물질 안전 보건자료의 정보는 이 특정 제품(섹션 1 참조)에만 적용되며 다른 화학물질/제품과 함께 사용하면 정확하지 않을 수 있습니다.

이 물질 안전 보건자료는 실제 제품 사용자에게 전달하시길 권장합니다. 이 물질 안전 보건자료의 정보는 제품 사양으로 사용될 수 없습니다.

국가 언어 : KR-ko

SAFETY DATA SHEET

iT.34 laundry stainremover pro active oxygen

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

SDS created for KUWAIT according to GHS

1.1. Product identifier

Trade name:

iT.34 laundry stainremover pro active oxygen

1.2. Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses of the substance or mixture:

Washing and cleaning products (including solvent based products)
Restricted to professional users.

Uses advised against :

None known.

1.3. Details of the supplier of the safety data sheet

Company and address:

Hygeniq B.V.
Postbus 618
7500 AP Enschede
The Netherlands
+31 53 4282860
+31 53 5393865
www.hygeniq.com

E-mail:

info@hygeniq.com

SDS date:

15/08/2025

SDS Version:

1.0

1.4. Emergency telephone number

Contact the local emergency services.
See section 4 "First aid measures".

SECTION 2: HAZARDS IDENTIFICATION

Classified according to GHS.

2.1. Classification of the substance or mixture

Met. Corr. 1; H290, May be corrosive to metals.
Acute Tox. 4; H302, Harmful if swallowed.

According to GHS Rev. 8, 2019

Skin Irrit. 2; H315, Causes skin irritation.
Eye Dam. 1; H318, Causes serious eye damage.
STOT SE 3; H336, May cause drowsiness or dizziness.

2.2. Label elements

Hazard pictogram(s):



Signal word:

Danger

Hazard statement(s):

May be corrosive to metals. (H290)
Harmful if swallowed. (H302)
Causes skin irritation. (H315)
Causes serious eye damage. (H318)
May cause drowsiness or dizziness. (H336)

Precautionary statement(s):

General:

Not applicable.

Prevention:

Wash hands and exposed skin thoroughly after handling. (P264)
Wear eye protection/protective gloves/protective clothing. (P280)

Response:

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.
Continue rinsing. (P305+P351+P338)
Absorb spillage to prevent material damage. (P390)

Storage:

Store in a container with a resistant inner liner. (P406)

Disposal:

Dispose of contents/container in accordance with local regulation.
(P501)

Hazardous substances:

hydrogen peroxide

Additional labelling:

Not applicable.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substances

Not applicable. This product is a mixture.

3.2. Mixtures

Product/substance	Identifiers	% w/w	Classification	Note
hydrogen peroxide	CAS No.: 7722-84-1 EC No.: 231-765-0	30-50%	Ox. Liq. 1, H271 Acute Tox. 4, H302 Skin Corr. 1A, H314 (SCL: 70.00 %) Skin Corr. 1B, H314 (SCL: 50.00 %) Skin Irrit. 2, H315 (SCL: 35.00 %)	

According to GHS Rev. 8, 2019

			Eye Dam. 1, H318 (SCL: 8.00 %) Eye Irrit. 2, H319 (SCL: 5.00 %) Acute Tox. 4, H332 STOT SE 3, H336 (SCL: 35.00 %)	

See full text of H-phrases in section 16. Occupational exposure limits are listed in section 8, if these are available.

Other information

-

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

General information:

In the case of accident: Contact a doctor or casualty department – bring the label or this safety data sheet.
Contact a doctor if in doubt about the injured person's condition or if the symptoms persist. Never give an unconscious person water or other drink.

Inhalation:

Upon breathing difficulties or irritation of the respiratory tract: Bring the person into fresh air and stay with him/her.

Skin contact:

IF ON SKIN: Wash with plenty of water/water and soap.
Remove contaminated clothing and shoes. Ensure to wash exposed skin thoroughly with water and soap. DO NOT use solvents or thinners.
If skin irritation occurs: Get medical advice/attention.

Eye contact:

If in eyes: Flush eyes with plenty of water or salt water (20-30 °C) for at least 30 minutes and continue until irritation stops. Remove contact lenses. Make sure you flush under the upper and lower eyelids. Seek medical assistance immediately and continue flushing during transport.

Ingestion:

IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.
Rinse mouth.

Burns:

Not applicable.

4.2. Most important symptoms and effects, both acute and delayed

The product contains substances that cause serious eye damage. Contact with these substances can cause irreversible effects on the eye / serious eye damage.

4.3. Indication of any immediate medical attention and special treatment needed

IF exposed or concerned:
Get immediate medical advice/attention.

Information to medics

Bring this safety data sheet or the label from this product.

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Not applicable.

5.2. Special hazards arising from the substance or mixture

Fire will result in dense smoke. Exposure to combustion products may harm your health. Closed containers, which are exposed to fire, should be cooled with water. Do not allow fire-extinguishing water to enter the sewage system and nearby surface waters.

5.3. Advice for firefighters

Wear self-contained breathing apparatus and protective clothing to prevent contact. Upon direct exposure contact the national poisons emergency services in order to obtain further advice.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Avoid direct contact with spilled substances.
Ensure adequate ventilation, especially in confined areas.
Avoid inhalation of vapours from spilled material.
Contaminated areas may be slippery.

6.2. Environmental precautions

Avoid discharge to lakes, streams, sewers, etc.
Keep unauthorized persons away from the spill

6.3. Methods and material for containment and cleaning up

Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations.
Wherever possible cleaning should be performed with normal cleaning agents. Avoid use of solvents.

6.4. Reference to other sections

See section 13 "Disposal considerations" on handling of waste.
See section 8 "Exposure controls/personal protection" for protective measures.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Avoid direct contact with the product.
Smoking, drinking and consumption of food is not allowed in the work area.
See section 8 "Exposure controls/personal protection" for information on personal protection.

7.2. Conditions for safe storage, including any incompatibilities

Containers that have been opened must be carefully resealed and kept upright to prevent leakage.
Store in a container with a resistant inner liner.

Recommended storage material:

Keep only in original packaging.

Storage conditions:

Dry, cool and well ventilated

Incompatible materials:

Keep only in original packaging.

7.3. Specific end use(s)

This product should only be used for applications quoted in section 1.2.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

No substances are listed with an occupational exposure limit.

According to GHS Rev. 8, 2019

8.2. Exposure controls

Apply general control to prevent unnecessary exposure

General recommendations:

Smoking, drinking and consumption of food is not allowed in the work area.

Exposure scenarios:

There are no exposure scenarios implemented for this product.

Exposure limits:

Occupational exposure limits have not been defined for the substances in this product.

Appropriate technical measures:

Ensure that eyewash stations and safety showers are located within easy reach.

Apply standard precautions during use of the product. Avoid inhalation of vapours.

Hygiene measures:

Take off contaminated clothing and wash it before reuse.

Measures to avoid environmental exposure:

No specific requirements.

Individual protection measures, such as personal protective equipment

Generally:

Use only CE marked protective equipment.

Respiratory Equipment:

Work situation	Type	Class	Colour	Standards	
When there is risk of formation of mist/aerosol	Full mask			EN136	

Skin protection:

Recommended	Type/Category	Standards	
Dedicated work clothing should be worn.	-	-	

Hand protection:

Work situation	Material	Glove thickness (mm)	Breakthrough time (min.)	Standards	
In the event of prolonged exposure or high concentrations	Nitrile	0.4	> 480	EN374-2, EN16523-1, EN388	
In the event of prolonged exposure or high concentrations	Butyl	0,7	> 480	EN374-2, EN16523-1, EN388, EN421	

Eye protection:

Type	Standards	
Safety glasses with side shields.	EN166	

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Form:

Liquid

Colour:

Colourless

Odour:

Characteristic

Odour threshold (ppm):

No data available.

pH:

2.5

Density (g/cm³):

1.1 (20 °C)

Kinematic viscosity:

No data available.

Particle characteristics:

Does not apply to liquids.

Phase changes

Melting point/Freezing point (°C):

No data available.

Softening point/range (°C):

Does not apply to liquids.

Boiling point (°C):

100

Vapour pressure:

No data available.

Relative vapour density:

No data available.

Decomposition temperature (°C):

No data available.

Evaporation rate (n-butylacetate = 100):

Data on fire and explosion hazards

Flash point (°C):

No data available.

Flammability (°C):

No data available.

Auto-ignition temperature (°C):

No data available.

Explosion limits (% v/v):

No data available.

Solubility

Solubility in water:

According to GHS Rev. 8, 2019

Completely soluble

n-octanol/water coefficient (LogKow):

No data available.

Solubility in fat (g/L):

No data available.

9.2. Other information

No data available.

Other physical and chemical parameters:

No data available.

Oxidizing properties:

No data available.

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

No data available.

10.2. Chemical stability

The product is stable under the conditions, noted in section 7 "Handling and storage".

10.3. Possibility of hazardous reactions

None known.

10.4. Conditions to avoid

None known.

10.5. Incompatible materials

Keep only in original packaging.

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Acute toxicity

Product/substance	hydrogen peroxide
Species:	Rat
Route of exposure:	Oral
Test:	LD50
Result:	1.193 - 1.270 mg/L

Product/substance	hydrogen peroxide
Species:	Rabbit
Route of exposure:	Dermal
Test:	LD50
Result:	>2.000 (35% oplossing) mg/kg

Harmful if swallowed.

Skin corrosion/irritation

Product/substance	iT.34 laundry stainremover pro active oxygen
Result:	Adverse effect observed (Irritating)

According to GHS Rev. 8, 2019

Product/substance	hydrogen peroxide
Result:	Adverse effect observed (Irritating)

Causes skin irritation.

Serious eye damage/irritation

Product/substance	iT.34 laundry stainremover pro active oxygen
Result:	Adverse effect observed (Causes serious eye damage)

Product/substance	hydrogen peroxide
Result:	Adverse effect observed (Causes serious eye damage)

Causes serious eye damage.

Respiratory sensitisation

Product/substance	hydrogen peroxide
Result:	No adverse effect observed (not sensitising)

Based on available data, the classification criteria are not met.

Skin sensitisation

Based on available data, the classification criteria are not met.

Germ cell mutagenicity

Based on available data, the classification criteria are not met.

Carcinogenicity

Product/substance	hydrogen peroxide
Conclusion:	No adverse effect observed

Based on available data, the classification criteria are not met.
hydrogen peroxide has been classified by IARC as a group 3 carcinogen.

Reproductive toxicity

Product/substance	hydrogen peroxide
Conclusion:	No adverse effect observed

Based on available data, the classification criteria are not met.

STOT-single exposure

May cause drowsiness or dizziness.

STOT-repeated exposure

Based on available data, the classification criteria are not met.

Aspiration hazard

Product/substance	hydrogen peroxide
Based on available data, the classification criteria are not met.	

Long term effects

The product contains substances that cause serious eye damage. Contact with these substances can cause irreversible effects on the eye / serious eye damage.

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Product/substance	hydrogen peroxide
Species:	Fish, Pimephales promelas
Duration:	96 hours
Test:	LC50
Result:	16,4 mg/L

According to GHS Rev. 8, 2019

Product/substance	hydrogen peroxide
Species:	Fish, <i>Leuciscus idus</i>
Duration:	72 hours
Test:	LC50
Result:	35 mg/L
Product/substance	hydrogen peroxide
Species:	Fish, <i>Oncorhynchus mykiss</i>
Duration:	7 days
Test:	LC50
Result:	38,5 mg/L
Product/substance	hydrogen peroxide
Species:	<i>Daphnia pulex</i>
Duration:	48 hours
Test:	EC50
Result:	2,4 mg/L
Product/substance	hydrogen peroxide
Species:	<i>Daphnia magna</i>
Duration:	24 hours
Test:	EC50
Result:	7,7 mg/L
Product/substance	hydrogen peroxide
Species:	<i>Skeletonema costatum</i>
Duration:	72 hours
Test:	EC50
Result:	1,38 mg/L
Product/substance	hydrogen peroxide
Test method:	OECD 209
Species:	Bacteria
Compartment:	Activated Sludge Plant
Duration:	30 minutes
Test:	EC50
Result:	466 mg/L
Product/substance	hydrogen peroxide
Test method:	OECD 209
Species:	Bacteria
Compartment:	Activated Sludge Plant
Duration:	3 hours
Test:	EC50
Result:	> 1.000 mg/L

Based on available data, the classification criteria are not met.

12.2. Persistence and degradability

Product/substance	hydrogen peroxide
Conclusion:	Readily biodegradable

12.3. Bioaccumulative potential

Product/substance	hydrogen peroxide
LogKow:	-1,57
Conclusion:	-

According to GHS Rev. 8, 2019

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

This mixture/product does not contain any substances known to fulfil the criteria for PBT and vPvB classification.

12.6. Other adverse effects

None known.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste treatment methods

Dispose of contents/container to an approved waste disposal plant.

Specific labelling

Contaminated packing

Packaging containing residues of the product must be disposed of similarly to the product.

SECTION 14: TRANSPORT INFORMATION

	14.1 UN / ID	14.2 UN proper shipping name	14.3 Hazard class(es)	14.4 PG*	14.5 Env**	Other informatio n:
ADR	UN2014	HYDROGEN PEROXIDE, AQUEOUS SOLUTION with not less than 20% but not more than 60% hydrogen peroxide (stabilized as necessary)	Transport hazard class: 5.1 Label: 5.1+8 Classification code: OC1  	II	No	Limited quantities: 1 L Tunnel restriction code: (E) See below for additional information.
IMDG	UN2014	HYDROGEN PEROXIDE, AQUEOUS SOLUTION with not less than 20% but not more than 60% hydrogen peroxide (stabilized as necessary)	Transport hazard class: 5.1 Label: 5.1+8 Classification code: OC1  	II	No	Limited quantities: 1 L EmS: F-H S-Q See below for additional information.
IATA	UN2014	HYDROGEN PEROXIDE, AQUEOUS SOLUTION with not less than 20% but not more than 60% hydrogen peroxide (stabilized as necessary)	Transport hazard class: 5.1 Label: 5.1+8 Classification code: OC1  	II	No	See below for additional information.

* Packing group

** Environmental hazards

Additional information

This product is within scope of the regulations of transport of dangerous goods.

ADR / See Table A, section 3.2.1 for any information on special provisions, requirements, or warnings in connection with transport. See section 5.4.3, for instructions in writing regarding mitigation of damages in relation to incidents or accidents during transport.

IMDG / See section 3.2.1, for any information on special provisions, requirements, or warnings in connection with transport.

IATA / See Table 4.2 for any information on special provisions, requirements, or warnings in connection with transport.

14.6. Special precautions for user

Not applicable.

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

No data available.

SECTION 15: REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Restrictions for application:

Restricted to professional users.

People under the age of 18 shall not be exposed to this product.

Demands for specific education:

No specific requirements.

Additional information:

Not applicable.

Sources:

Globally Harmonized System of Classification and Labelling of Chemicals (GHS Rev. 8, 2019)

15.2. Chemical safety assessment

No

SECTION 16: OTHER INFORMATION

Full text of H-phrases as mentioned in section 3

H271, May cause fire or explosion; strong oxidiser.

H302, Harmful if swallowed.

H314, Causes severe skin burns and eye damage.

H315, Causes skin irritation.

H318, Causes serious eye damage.

H319, Causes serious eye irritation.

H332, Harmful if inhaled.

H336, May cause drowsiness or dizziness.

The full text of identified uses as mentioned in section 1

None known.

Abbreviations and acronyms

ACGIH = American Conference of Governmental Industrial Hygienists

ADN = European Provisions concerning the International Carriage of Dangerous Goods by Inland Waterway

ADR = The European Agreement concerning the International Carriage of Dangerous Goods by Road

ATE = Acute Toxicity Estimate

BCF = Bioconcentration Factor

CAS = Chemical Abstracts Service

CERCLA = Comprehensive Environmental Response Compensation and Liability Act

DOT = Department of Transportation

EINECS = European Inventory of Existing Commercial chemical Substances

EPCRA = Emergency Planning and Community Right-To-Know Act

GHS = Globally Harmonized System of Classification and Labelling of Chemicals

HCIS = Hazardous Chemical Information System

HNOC = Hazards Not Otherwise Classified

IARC = International Agency for Research on Cancer

IATA = International Air Transport Association

IMDG = International Maritime Dangerous Goods

LogPow = logarithm of the octanol/water partition coefficient

MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)

NFPA = National Fire Protection Association

NIOSH = National Institute for Occupational Safety and Health

OECD = Organisation for Economic Co-operation and Development

OSHA = Occupational Safety and Health Administration

PBT = Persistent, Bioaccumulative and Toxic

RCRA = Resource Conservation and Recovery Act

RID = The Regulations concerning the International Carriage of Dangerous Goods by Rail

RRN = REACH Registration Number

SARA = Superfund Amendments and Reauthorization Act

SCL = A specific concentration limit.

STEL = Short-term exposure limits

STOT-RE = Specific Target Organ Toxicity - Repeated Exposure

STOT-SE = Specific Target Organ Toxicity - Single Exposure

TSCA = The Toxic Substances Control Act

TWA = Time weighted average

UN = United Nations

UVBC = Unknown or variable composition, complex reaction products or of biological materials

VOC = Volatile Organic Compound

vPvB = Very Persistent and Very Bioaccumulative

Additional information

In accordance with GHS the evaluation of the classification of the mixture is based on:

The classification of the mixture in regard of health hazards is in accordance with the calculation methods given by GHS.

The safety data sheet is validated by

Quality & Compliance

Other

A change (in proportion to the last essential change (first cipher in SDS version, see section 1)) is marked with a triangle.

The information in this safety data sheet applies only to this specific product (mentioned in section 1) and is not necessarily correct for use with other chemicals/products.

It is recommended to hand over this safety data sheet to the actual user of the product. Information in this safety data sheet cannot be used as a product specification.

Country-language: KW-en

SAFETY DATA SHEET

iT.34 laundry stainremover pro active oxygen

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

SDS created for the REPUBLIC OF NORTH MACEDONIA according to GHS

1.1. Product identifier

Trade name:

iT.34 laundry stainremover pro active oxygen

1.2. Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses of the substance or mixture:

Washing and cleaning products (including solvent based products)
Restricted to professional users.

Uses advised against :

None known.

1.3. Details of the supplier of the safety data sheet

Company and address:

Hygeniq B.V.
Postbus 618
7500 AP Enschede
The Netherlands
+31 53 4282860
+31 53 5393865
www.hygeniq.com

E-mail:

info@hygeniq.com

SDS date:

15/08/2025

SDS Version:

1.0

1.4. Emergency telephone number

Contact the local emergency services.
See section 4 "First aid measures".

SECTION 2: HAZARDS IDENTIFICATION

Classified according to GHS.

2.1. Classification of the substance or mixture

Met. Corr. 1; H290, May be corrosive to metals.
Acute Tox. 4; H302, Harmful if swallowed.

According to GHS Rev. 8, 2019

Skin Irrit. 2; H315, Causes skin irritation.
Eye Dam. 1; H318, Causes serious eye damage.
STOT SE 3; H336, May cause drowsiness or dizziness.

2.2. Label elements

Hazard pictogram(s):



Signal word:

Danger

Hazard statement(s):

May be corrosive to metals. (H290)
Harmful if swallowed. (H302)
Causes skin irritation. (H315)
Causes serious eye damage. (H318)
May cause drowsiness or dizziness. (H336)

Precautionary statement(s):

General:

Not applicable.

Prevention:

Wash hands and exposed skin thoroughly after handling. (P264)
Wear eye protection/protective gloves/protective clothing. (P280)

Response:

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.
Continue rinsing. (P305+P351+P338)
Absorb spillage to prevent material damage. (P390)

Storage:

Store in a container with a resistant inner liner. (P406)

Disposal:

Dispose of contents/container in accordance with local regulation.
(P501)

Hazardous substances:

hydrogen peroxide

Additional labelling:

Not applicable.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substances

Not applicable. This product is a mixture.

3.2. Mixtures

Product/substance	Identifiers	% w/w	Classification	Note
hydrogen peroxide	CAS No.: 7722-84-1 EC No.: 231-765-0	30-50%	Ox. Liq. 1, H271 Acute Tox. 4, H302 Skin Corr. 1A, H314 (SCL: 70.00 %) Skin Corr. 1B, H314 (SCL: 50.00 %) Skin Irrit. 2, H315 (SCL: 35.00 %)	

According to GHS Rev. 8, 2019

			Eye Dam. 1, H318 (SCL: 8.00 %) Eye Irrit. 2, H319 (SCL: 5.00 %) Acute Tox. 4, H332 STOT SE 3, H336 (SCL: 35.00 %)	

See full text of H-phrases in section 16. Occupational exposure limits are listed in section 8, if these are available.

Other information

-

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

General information:

In the case of accident: Contact a doctor or casualty department – bring the label or this safety data sheet.
Contact a doctor if in doubt about the injured person's condition or if the symptoms persist. Never give an unconscious person water or other drink.

Inhalation:

Upon breathing difficulties or irritation of the respiratory tract: Bring the person into fresh air and stay with him/her.

Skin contact:

IF ON SKIN: Wash with plenty of water/water and soap.
Remove contaminated clothing and shoes. Ensure to wash exposed skin thoroughly with water and soap. DO NOT use solvents or thinners.
If skin irritation occurs: Get medical advice/attention.

Eye contact:

If in eyes: Flush eyes with plenty of water or salt water (20-30 °C) for at least 30 minutes and continue until irritation stops. Remove contact lenses. Make sure you flush under the upper and lower eyelids. Seek medical assistance immediately and continue flushing during transport.

Ingestion:

IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.
Rinse mouth.

Burns:

Not applicable.

4.2. Most important symptoms and effects, both acute and delayed

The product contains substances that cause serious eye damage. Contact with these substances can cause irreversible effects on the eye / serious eye damage.

4.3. Indication of any immediate medical attention and special treatment needed

IF exposed or concerned:
Get immediate medical advice/attention.

Information to medics

Bring this safety data sheet or the label from this product.

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Not applicable.

5.2. Special hazards arising from the substance or mixture

Fire will result in dense smoke. Exposure to combustion products may harm your health. Closed containers, which are exposed to fire, should be cooled with water. Do not allow fire-extinguishing water to enter the sewage system and nearby surface waters.

5.3. Advice for firefighters

Wear self-contained breathing apparatus and protective clothing to prevent contact. Upon direct exposure contact the national poisons emergency services in order to obtain further advice.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Avoid direct contact with spilled substances.
Ensure adequate ventilation, especially in confined areas.
Avoid inhalation of vapours from spilled material.
Contaminated areas may be slippery.

6.2. Environmental precautions

Avoid discharge to lakes, streams, sewers, etc.
Keep unauthorized persons away from the spill

6.3. Methods and material for containment and cleaning up

Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations.
Wherever possible cleaning should be performed with normal cleaning agents. Avoid use of solvents.

6.4. Reference to other sections

See section 13 "Disposal considerations" on handling of waste.
See section 8 "Exposure controls/personal protection" for protective measures.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Avoid direct contact with the product.
Smoking, drinking and consumption of food is not allowed in the work area.
See section 8 "Exposure controls/personal protection" for information on personal protection.

7.2. Conditions for safe storage, including any incompatibilities

Containers that have been opened must be carefully resealed and kept upright to prevent leakage.
Store in a container with a resistant inner liner.

Recommended storage material:

Keep only in original packaging.

Storage conditions:

Dry, cool and well ventilated

Incompatible materials:

Keep only in original packaging.

7.3. Specific end use(s)

This product should only be used for applications quoted in section 1.2.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

No substances are listed with an occupational exposure limit.

According to GHS Rev. 8, 2019

8.2. Exposure controls

Apply general control to prevent unnecessary exposure

General recommendations:

Smoking, drinking and consumption of food is not allowed in the work area.

Exposure scenarios:

There are no exposure scenarios implemented for this product.

Exposure limits:

Occupational exposure limits have not been defined for the substances in this product.

Appropriate technical measures:

Ensure that eyewash stations and safety showers are located within easy reach.

Apply standard precautions during use of the product. Avoid inhalation of vapours.

Hygiene measures:

Take off contaminated clothing and wash it before reuse.

Measures to avoid environmental exposure:

No specific requirements.

Individual protection measures, such as personal protective equipment

Generally:

Use only CE marked protective equipment.

Respiratory Equipment:

Work situation	Type	Class	Colour	Standards	
When there is risk of formation of mist/aerosol	Full mask			EN136	

Skin protection:

Recommended	Type/Category	Standards	
Dedicated work clothing should be worn.	-	-	

Hand protection:

Work situation	Material	Glove thickness (mm)	Breakthrough time (min.)	Standards	
In the event of prolonged exposure or high concentrations	Nitrile	0.4	> 480	EN374-2, EN16523-1, EN388	
In the event of prolonged exposure or high concentrations	Butyl	0,7	> 480	EN374-2, EN16523-1, EN388, EN421	

Eye protection:

Type	Standards	
Safety glasses with side shields.	EN166	

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Form:

Liquid

Colour:

Colourless

Odour:

Characteristic

Odour threshold (ppm):

No data available.

pH:

2.5

Density (g/cm³):

1.1 (20 °C)

Kinematic viscosity:

No data available.

Particle characteristics:

Does not apply to liquids.

Phase changes

Melting point/Freezing point (°C):

No data available.

Softening point/range (°C):

Does not apply to liquids.

Boiling point (°C):

100

Vapour pressure:

No data available.

Relative vapour density:

No data available.

Decomposition temperature (°C):

No data available.

Evaporation rate (n-butylacetate = 100):

Data on fire and explosion hazards

Flash point (°C):

No data available.

Flammability (°C):

No data available.

Auto-ignition temperature (°C):

No data available.

Explosion limits (% v/v):

No data available.

Solubility

Solubility in water:

According to GHS Rev. 8, 2019

Completely soluble

n-octanol/water coefficient (LogKow):

No data available.

Solubility in fat (g/L):

No data available.

9.2. Other information

No data available.

Other physical and chemical parameters:

No data available.

Oxidizing properties:

No data available.

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

No data available.

10.2. Chemical stability

The product is stable under the conditions, noted in section 7 "Handling and storage".

10.3. Possibility of hazardous reactions

None known.

10.4. Conditions to avoid

None known.

10.5. Incompatible materials

Keep only in original packaging.

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Acute toxicity

Product/substance	hydrogen peroxide
Species:	Rat
Route of exposure:	Oral
Test:	LD50
Result:	1.193 - 1.270 mg/L

Product/substance	hydrogen peroxide
Species:	Rabbit
Route of exposure:	Dermal
Test:	LD50
Result:	>2.000 (35% oplossing) mg/kg

Harmful if swallowed.

Skin corrosion/irritation

Product/substance	iT.34 laundry stainremover pro active oxygen
Result:	Adverse effect observed (Irritating)

According to GHS Rev. 8, 2019

Product/substance	hydrogen peroxide
Result:	Adverse effect observed (Irritating)

Causes skin irritation.

Serious eye damage/irritation

Product/substance	iT.34 laundry stainremover pro active oxygen
Result:	Adverse effect observed (Causes serious eye damage)

Product/substance	hydrogen peroxide
Result:	Adverse effect observed (Causes serious eye damage)

Causes serious eye damage.

Respiratory sensitisation

Product/substance	hydrogen peroxide
Result:	No adverse effect observed (not sensitising)

Based on available data, the classification criteria are not met.

Skin sensitisation

Based on available data, the classification criteria are not met.

Germ cell mutagenicity

Based on available data, the classification criteria are not met.

Carcinogenicity

Product/substance	hydrogen peroxide
Conclusion:	No adverse effect observed

Based on available data, the classification criteria are not met.
hydrogen peroxide has been classified by IARC as a group 3 carcinogen.

Reproductive toxicity

Product/substance	hydrogen peroxide
Conclusion:	No adverse effect observed

Based on available data, the classification criteria are not met.

STOT-single exposure

May cause drowsiness or dizziness.

STOT-repeated exposure

Based on available data, the classification criteria are not met.

Aspiration hazard

Product/substance	hydrogen peroxide
Based on available data, the classification criteria are not met.	

Long term effects

The product contains substances that cause serious eye damage. Contact with these substances can cause irreversible effects on the eye / serious eye damage.

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Product/substance	hydrogen peroxide
Species:	Fish, Pimephales promelas
Duration:	96 hours
Test:	LC50
Result:	16,4 mg/L

According to GHS Rev. 8, 2019

Product/substance	hydrogen peroxide
Species:	Fish, <i>Leuciscus idus</i>
Duration:	72 hours
Test:	LC50
Result:	35 mg/L

Product/substance	hydrogen peroxide
Species:	Fish, <i>Oncorhynchus mykiss</i>
Duration:	7 days
Test:	LC50
Result:	38,5 mg/L

Product/substance	hydrogen peroxide
Species:	<i>Daphnia pulex</i>
Duration:	48 hours
Test:	EC50
Result:	2,4 mg/L

Product/substance	hydrogen peroxide
Species:	<i>Daphnia magna</i>
Duration:	24 hours
Test:	EC50
Result:	7,7 mg/L

Product/substance	hydrogen peroxide
Species:	<i>Skeletonema costatum</i>
Duration:	72 hours
Test:	EC50
Result:	1,38 mg/L

Product/substance	hydrogen peroxide
Test method:	OECD 209
Species:	Bacteria
Compartment:	Activated Sludge Plant
Duration:	30 minutes
Test:	EC50
Result:	466 mg/L

Product/substance	hydrogen peroxide
Test method:	OECD 209
Species:	Bacteria
Compartment:	Activated Sludge Plant
Duration:	3 hours
Test:	EC50
Result:	> 1.000 mg/L

Based on available data, the classification criteria are not met.

12.2. Persistence and degradability

Product/substance	hydrogen peroxide
Conclusion:	Readily biodegradable

12.3. Bioaccumulative potential

Product/substance	hydrogen peroxide
LogKow:	-1,57
Conclusion:	-

According to GHS Rev. 8, 2019

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

This mixture/product does not contain any substances known to fulfil the criteria for PBT and vPvB classification.

12.6. Other adverse effects

None known.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste treatment methods

Dispose of contents/container to an approved waste disposal plant.

Specific labelling

Contaminated packing

Packaging containing residues of the product must be disposed of similarly to the product.

SECTION 14: TRANSPORT INFORMATION

	14.1 UN / ID	14.2 UN proper shipping name	14.3 Hazard class(es)	14.4 PG*	14.5 Env**	Other informatio n:
ADR	UN2014	HYDROGEN PEROXIDE, AQUEOUS SOLUTION with not less than 20% but not more than 60% hydrogen peroxide (stabilized as necessary)	Transport hazard class: 5.1 Label: 5.1+8 Classification code: OC1  	II	No	Limited quantities: 1 L Tunnel restriction code: (E) See below for additional information.
IMDG	UN2014	HYDROGEN PEROXIDE, AQUEOUS SOLUTION with not less than 20% but not more than 60% hydrogen peroxide (stabilized as necessary)	Transport hazard class: 5.1 Label: 5.1+8 Classification code: OC1  	II	No	Limited quantities: 1 L EmS: F-H S-Q See below for additional information.
IATA	UN2014	HYDROGEN PEROXIDE, AQUEOUS SOLUTION with not less than 20% but not more than 60% hydrogen peroxide (stabilized as necessary)	Transport hazard class: 5.1 Label: 5.1+8 Classification code: OC1  	II	No	See below for additional information.

* Packing group

** Environmental hazards

Additional information

This product is within scope of the regulations of transport of dangerous goods.

ADR / See Table A, section 3.2.1 for any information on special provisions, requirements, or warnings in connection with transport. See section 5.4.3, for instructions in writing regarding mitigation of damages in relation to incidents or accidents during transport.

IMDG / See section 3.2.1, for any information on special provisions, requirements, or warnings in connection with transport.

IATA / See Table 4.2 for any information on special provisions, requirements, or warnings in connection with transport.

14.6. Special precautions for user

Not applicable.

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

No data available.

SECTION 15: REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Restrictions for application:

Restricted to professional users.

People under the age of 18 shall not be exposed to this product.

Demands for specific education:

No specific requirements.

Additional information:

Not applicable.

Sources:

Globally Harmonized System of Classification and Labelling of Chemicals (GHS Rev. 8, 2019)

15.2. Chemical safety assessment

No

SECTION 16: OTHER INFORMATION

Full text of H-phrases as mentioned in section 3

H271, May cause fire or explosion; strong oxidiser.

H302, Harmful if swallowed.

H314, Causes severe skin burns and eye damage.

H315, Causes skin irritation.

H318, Causes serious eye damage.

H319, Causes serious eye irritation.

H332, Harmful if inhaled.

H336, May cause drowsiness or dizziness.

The full text of identified uses as mentioned in section 1

None known.

Abbreviations and acronyms

ACGIH = American Conference of Governmental Industrial Hygienists

ADN = European Provisions concerning the International Carriage of Dangerous Goods by Inland Waterway

ADR = The European Agreement concerning the International Carriage of Dangerous Goods by Road

ATE = Acute Toxicity Estimate

BCF = Bioconcentration Factor

CAS = Chemical Abstracts Service

CERCLA = Comprehensive Environmental Response Compensation and Liability Act

DOT = Department of Transportation

EINECS = European Inventory of Existing Commercial chemical Substances

EPCRA = Emergency Planning and Community Right-To-Know Act

GHS = Globally Harmonized System of Classification and Labelling of Chemicals

HCIS = Hazardous Chemical Information System

HNOC = Hazards Not Otherwise Classified

IARC = International Agency for Research on Cancer

IATA = International Air Transport Association

IMDG = International Maritime Dangerous Goods

LogPow = logarithm of the octanol/water partition coefficient

MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)

NFPA = National Fire Protection Association

NIOSH = National Institute for Occupational Safety and Health

OECD = Organisation for Economic Co-operation and Development

OSHA = Occupational Safety and Health Administration

PBT = Persistent, Bioaccumulative and Toxic

RCRA = Resource Conservation and Recovery Act

RID = The Regulations concerning the International Carriage of Dangerous Goods by Rail

RRN = REACH Registration Number

SARA = Superfund Amendments and Reauthorization Act

SCL = A specific concentration limit.

STEL = Short-term exposure limits

STOT-RE = Specific Target Organ Toxicity - Repeated Exposure

STOT-SE = Specific Target Organ Toxicity - Single Exposure

TSCA = The Toxic Substances Control Act

TWA = Time weighted average

UN = United Nations

UVBC = Unknown or variable composition, complex reaction products or of biological materials

VOC = Volatile Organic Compound

vPvB = Very Persistent and Very Bioaccumulative

Additional information

In accordance with GHS the evaluation of the classification of the mixture is based on:

The classification of the mixture in regard of health hazards is in accordance with the calculation methods given by GHS.

The safety data sheet is validated by

Quality & Compliance

Other

A change (in proportion to the last essential change (first cipher in SDS version, see section 1)) is marked with a triangle.

The information in this safety data sheet applies only to this specific product (mentioned in section 1) and is not necessarily correct for use with other chemicals/products.

It is recommended to hand over this safety data sheet to the actual user of the product. Information in this safety data sheet cannot be used as a product specification.

Country-language: MK-en

SAFETY DATA SHEET

iT.34 laundry stainremover pro active oxygen

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Trade name:

iT.34 laundry stainremover pro active oxygen

Unique formula identifier (UFI):

KWY8-NP0S-J88H-EC1G

1.2. Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses of the substance or mixture:

Washing and cleaning products (including solvent based products)

Restricted to professional users.

Uses advised against :

None known.

1.3. Details of the supplier of the safety data sheet

Company and address:

Hygeniq B.V.

Postbus 618

7500 AP Enschede

The Netherlands

+31 53 4282860

+31 53 5393865

www.hygeniq.com

E-mail:

info@hygeniq.com

Revision:

15/08/2025

SDS Version:

1.0

1.4. Emergency telephone number

Emergency: 112 (24h service)

Hospital Malta Mater Dei, Medicines & Poisons information office: +356 2545 6508

See also section 4 "First aid measures".

SECTION 2: HAZARDS IDENTIFICATION

Classified according to Regulation (EC) No. 1272/2008 (CLP).

2.1. Classification of the substance or mixture

Met. Corr. 1; H290, May be corrosive to metals.
Acute Tox. 4; H302, Harmful if swallowed.
Skin Irrit. 2; H315, Causes skin irritation.
Eye Dam. 1; H318, Causes serious eye damage.
STOT SE 3; H336, May cause drowsiness or dizziness.

2.2. Label elements

Hazard pictogram(s):



Signal word:

Danger

Hazard statement(s):

May be corrosive to metals. (H290)
Harmful if swallowed. (H302)
Causes skin irritation. (H315)
Causes serious eye damage. (H318)
May cause drowsiness or dizziness. (H336)

Precautionary statement(s):

General:

Not applicable.

Prevention:

Wash hands and exposed skin thoroughly after handling. (P264)
Wear eye protection/protective gloves/protective clothing. (P280)

Response:

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.
Continue rinsing. (P305+P351+P338)
Absorb spillage to prevent material damage. (P390)

Storage:

Store in a container with a resistant inner liner. (P406)

Disposal:

Dispose of contents/container in accordance with local regulation.
(P501)

Hazardous substances:

hydrogen peroxide

Additional labelling:

UFI: KQY8-NP0S-J88H-EC1G

Labelling of contents according to Detergents Regulation (EC) No 648/2004 (applicable to packaging of detergents sold to the general public):

≥ 30%

· Oxygen-based bleaching Agents

2.3. Other hazards

Additional warnings:

This mixture/product does not contain any substances known to fulfil the criteria for PBT and vPvB classification.
This product does not contain any substances considered to be endocrine disruptors in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2023/707.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substances

Not applicable. This product is a mixture.

3.2. Mixtures

Product/substance	Identifiers	% w/w	Classification	Note
hydrogen peroxide	CAS No.: 7722-84-1 EC No.: 231-765-0 REACH: 01-2119485845-22-XXXX Index No.: 008-003-00-9	30-50%	Ox. Liq. 1, H271 Acute Tox. 4, H302 Skin Corr. 1A, H314 (SCL: 70.00 %) Skin Corr. 1B, H314 (SCL: 50.00 %) Skin Irrit. 2, H315 (SCL: 35.00 %) Eye Dam. 1, H318 (SCL: 8.00 %) Eye Irrit. 2, H319 (SCL: 5.00 %) Acute Tox. 4, H332 STOT SE 3, H336 (SCL: 35.00 %)	

See full text of H-phrases in section 16. Occupational exposure limits are listed in section 8, if these are available.

Other information

-

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

General information:

In the case of accident: Contact a doctor or casualty department – bring the label or this safety data sheet. The doctor can contact Hospital Malta Mater Dei, Medicines & Poisons information office: +356 2545 6508
Contact a doctor if in doubt about the injured person's condition or if the symptoms persist. Never give an unconscious person water or other drink.

Inhalation:

Upon breathing difficulties or irritation of the respiratory tract: Bring the person into fresh air and stay with him/her.

Skin contact:

IF ON SKIN: Wash with plenty of water/water and soap.
Remove contaminated clothing and shoes. Ensure to wash exposed skin thoroughly with water and soap. DO NOT use solvents or thinners.
If skin irritation occurs: Get medical advice/attention.

Eye contact:

If in eyes: Flush eyes with plenty of water or salt water (20-30 °C) for at least 30 minutes and continue until irritation stops. Remove contact lenses. Make sure you flush under the upper and lower eyelids. Seek medical assistance immediately and continue flushing during transport.

Ingestion:

IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.
Rinse mouth.

Burns:

Not applicable.

4.2. Most important symptoms and effects, both acute and delayed

The product contains substances that cause serious eye damage. Contact with these substances can cause irreversible effects on the eye / serious eye damage.

4.3. Indication of any immediate medical attention and special treatment needed

IF exposed or concerned:

Get immediate medical advice/attention.

Information to medics

Bring this safety data sheet or the label from this product.

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Not applicable.

5.2. Special hazards arising from the substance or mixture

Fire will result in dense smoke. Exposure to combustion products may harm your health. Closed containers, which are exposed to fire, should be cooled with water. Do not allow fire-extinguishing water to enter the sewage system and nearby surface waters.

5.3. Advice for firefighters

Wear self-contained breathing apparatus and protective clothing to prevent contact. Upon direct exposure call 112 for emergencies otherwise contact Hospital Malta Mater Dei, Medicines & Poisons information office: +356 2545 6508 in order to obtain further advice.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Avoid direct contact with spilled substances.

Ensure adequate ventilation, especially in confined areas.

Avoid inhalation of vapours from spilled material.

Contaminated areas may be slippery.

6.2. Environmental precautions

Avoid discharge to lakes, streams, sewers, etc.

Keep unauthorized persons away from the spill

6.3. Methods and material for containment and cleaning up

Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations.

Wherever possible cleaning should be performed with normal cleaning agents. Avoid use of solvents.

6.4. Reference to other sections

See section 13 "Disposal considerations" on handling of waste.

See section 8 "Exposure controls/personal protection" for protective measures.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Avoid direct contact with the product.

Smoking, drinking and consumption of food is not allowed in the work area.

See section 8 "Exposure controls/personal protection" for information on personal protection.

7.2. Conditions for safe storage, including any incompatibilities

Containers that have been opened must be carefully resealed and kept upright to prevent leakage.

Store in a container with a resistant inner liner.

Recommended storage material:

Keep only in original packaging.

Storage conditions:

Dry, cool and well ventilated

Incompatible materials:

Keep only in original packaging.

7.3. Specific end use(s)

This product should only be used for applications quoted in section 1.2.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

No substances are listed in the national list of substances with an occupational exposure limit.

DNEL

hydrogen peroxide

Duration:	Route of exposure:	DNEL:
Long term – Local effects - General population	Inhalation	0,21 mg/m ³
Long term – Local effects - General population	Inhalation	210 µg/m ³
Long term – Local effects - Workers	Inhalation	1.4 mg/m ³
Short term – Local effects - General population	Inhalation	1.93 mg/m ³
Short term – Local effects - Workers	Inhalation	3 mg/m ³

PNEC

hydrogen peroxide

Route of exposure:	Duration of Exposure:	PNEC:
Freshwater		0,0126 mg/L
Freshwater		12.6 µg/L
Freshwater sediment		0,047 mg/kg
Freshwater sediment		47 µg/kg
Intermittent release (freshwater)		13.8 µg/L
Marine water		0,047 mg/L
Marine water		12.6 µg/L
Marine water sediment		0,047 mg/L
Marine water sediment		47 µg/kg
Sewage treatment plant		466 mg/L
Soil		0,023 mg/kg
Soil		1.9 µg/kg

8.2. Exposure controls

Apply general control to prevent unnecessary exposure

General recommendations:

Smoking, drinking and consumption of food is not allowed in the work area.

Exposure scenarios:

There are no exposure scenarios implemented for this product.

Exposure limits:

Occupational exposure limits have not been defined for the substances in this product.

Appropriate technical measures:

Ensure that eyewash stations and safety showers are located within easy reach.

Apply standard precautions during use of the product. Avoid inhalation of vapours.

Hygiene measures:

Take off contaminated clothing and wash it before reuse.

Measures to avoid environmental exposure:

No specific requirements.

Individual protection measures, such as personal protective equipment

Generally:

Use only CE marked protective equipment.

Respiratory Equipment:

Work situation	Type	Class	Colour	Standards	
When there is risk of formation of mist/aerosol	Full mask			EN136	

Skin protection:

Recommended	Type/Category	Standards	
Dedicated work clothing should be worn.	-	-	

Hand protection:

Work situation	Material	Glove thickness (mm)	Breakthrough time (min.)	Standards	
In the event of prolonged exposure or high concentrations	Nitrile	0.4	> 480	EN374-2, EN16523-1, EN388	
In the event of prolonged exposure or high concentrations	Butyl	0,7	> 480	EN374-2, EN16523-1, EN388, EN421	

Eye protection:

Type	Standards	
Safety glasses with side shields.	EN166	

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Physical state:

Liquid

Colour:

Colourless

Odour / Odour threshold:

Characteristic

pH:

2.5

Density (g/cm³):

1.1 (20 °C)

Kinematic viscosity:

No data available.

Particle characteristics:

Does not apply to liquids.

Phase changes

Melting point/Freezing point (°C):

No data available.

Softening point/range (°C):

Does not apply to liquids.

Boiling point (°C):

100

Vapour pressure:

No data available.

Relative vapour density:

No data available.

Decomposition temperature (°C):

No data available.

Data on fire and explosion hazards

Flash point (°C):

No data available.

Flammability (°C):

No data available.

Auto-ignition temperature (°C):

No data available.

Lower and upper explosion limit (% v/v):

No data available.

Solubility

Solubility in water:

Completely soluble

n-octanol/water coefficient (LogKow):

No data available.

Solubility in fat (g/L):

No data available.

9.2. Other information

Other physical and chemical parameters:

No data available.

Oxidizing properties:

No data available.

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

No data available.

10.2. Chemical stability

The product is stable under the conditions, noted in section 7 "Handling and storage".

10.3. Possibility of hazardous reactions

None known.

10.4. Conditions to avoid

None known.

10.5. Incompatible materials

Keep only in original packaging.

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity

Product/substance	hydrogen peroxide
Species:	Rat
Route of exposure:	Oral
Test:	LD50
Result:	1.193 - 1.270 mg/L

Product/substance	hydrogen peroxide
Species:	Rabbit
Route of exposure:	Dermal
Test:	LD50
Result:	>2.000 (35% oplossing) mg/kg

Harmful if swallowed.

Skin corrosion/irritation

Product/substance	iT.34 laundry stainremover pro active oxygen
Result:	Adverse effect observed (Irritating)

Product/substance	hydrogen peroxide
Result:	Adverse effect observed (Irritating)

Causes skin irritation.

Serious eye damage/irritation

Product/substance	iT.34 laundry stainremover pro active oxygen
Result:	Adverse effect observed (Causes serious eye damage)

Product/substance	hydrogen peroxide
Result:	Adverse effect observed (Causes serious eye damage)

Causes serious eye damage.

Respiratory sensitisation

Product/substance hydrogen peroxide
Result: No adverse effect observed (not sensitising)

Based on available data, the classification criteria are not met.

Skin sensitisation

Based on available data, the classification criteria are not met.

Germ cell mutagenicity

Based on available data, the classification criteria are not met.

Carcinogenicity

Product/substance hydrogen peroxide
Conclusion: No adverse effect observed

Based on available data, the classification criteria are not met.

Reproductive toxicity

Product/substance hydrogen peroxide
Conclusion: No adverse effect observed

Based on available data, the classification criteria are not met.

STOT-single exposure

May cause drowsiness or dizziness.

STOT-repeated exposure

Based on available data, the classification criteria are not met.

Aspiration hazard

Product/substance hydrogen peroxide
Based on available data, the classification criteria are not met.

11.2. Information on other hazards

Long term effects

The product contains substances that cause serious eye damage. Contact with these substances can cause irreversible effects on the eye / serious eye damage.

Endocrine disrupting properties

This mixture/product does not contain any substances known to have hormone-disrupting properties in relation to health.

Other information

hydrogen peroxide has been classified by IARC as a group 3 carcinogen.

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Product/substance hydrogen peroxide
Species: Fish, Pimephales promelas
Duration: 96 hours
Test: LC50
Result: 16,4 mg/L

Product/substance hydrogen peroxide
Species: Fish, Leuciscus idus
Duration: 72 hours
Test: LC50
Result: 35 mg/L

According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

Product/substance	hydrogen peroxide
Species:	Fish, <i>Oncorhynchus mykiss</i>
Duration:	7 days
Test:	LC50
Result:	38,5 mg/L

Product/substance	hydrogen peroxide
Species:	<i>Daphnia pulex</i>
Duration:	48 hours
Test:	EC50
Result:	2,4 mg/L

Product/substance	hydrogen peroxide
Species:	<i>Daphnia magna</i>
Duration:	24 hours
Test:	EC50
Result:	7,7 mg/L

Product/substance	hydrogen peroxide
Species:	<i>Skeletonema costatum</i>
Duration:	72 hours
Test:	EC50
Result:	1,38 mg/L

Product/substance	hydrogen peroxide
Test method:	OECD 209
Species:	Bacteria
Compartment:	Activated Sludge Plant
Duration:	30 minutes
Test:	EC50
Result:	466 mg/L

Product/substance	hydrogen peroxide
Test method:	OECD 209
Species:	Bacteria
Compartment:	Activated Sludge Plant
Duration:	3 hours
Test:	EC50
Result:	> 1.000 mg/L

Based on available data, the classification criteria are not met.

12.2. Persistence and degradability

Product/substance	hydrogen peroxide
Conclusion:	Readily biodegradable

12.3. Bioaccumulative potential

Product/substance	hydrogen peroxide
LogKow:	-1,57
Conclusion:	-

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

This mixture/product does not contain any substances known to fulfil the criteria for PBT and vPvB classification.

According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

12.6. Endocrine disrupting properties

Product/substance iT.34 laundry stainremover pro active oxygen
Conclusion: No adverse effect observed

This mixture/product does not contain any substances considered to have endocrine-disrupting properties in relation to the environment.

12.7. Other adverse effects

None known.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Product is covered by the regulations on hazardous waste. (*)
HP 6 - Acute toxicity
HP 8 - Corrosive
Dispose of contents/container to an approved waste disposal plant.
Commission Regulation (EU) No 1357/2014 of 18 December 2014 on waste.

EWC code:
20 01 29* Detergents containing dangerous substances

Contaminated packing

Packaging containing residues of the product must be disposed of similarly to the product.

SECTION 14: TRANSPORT INFORMATION

	14.1 UN / ID	14.2 UN proper shipping name	14.3 Hazard class(es)	14.4 PG*	14.5 Env**	Other information:
ADR	UN2014	HYDROGEN PEROXIDE, AQUEOUS SOLUTION with not less than 20% but not more than 60% hydrogen peroxide (stabilized as necessary)	Transport hazard class: 5.1 Label: 5.1+8 Classification code: OC1  	II	No	Limited quantities: 1 L Tunnel restriction code: (E) See below for additional information.
IMDG	UN2014	HYDROGEN PEROXIDE, AQUEOUS SOLUTION with not less than 20% but not more than 60% hydrogen peroxide (stabilized as necessary)	Transport hazard class: 5.1 Label: 5.1+8 Classification code: OC1  	II	No	Limited quantities: 1 L EmS: F-H S-Q See below for additional information.
IATA	UN2014	HYDROGEN PEROXIDE, AQUEOUS SOLUTION with not less than 20% but	Transport hazard class: 5.1 Label: 5.1+8 Classification code: OC1	II	No	See below for additional

According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

	14.1 UN / ID	14.2 UN proper shipping name	14.3 Hazard class(es)	14.4 PG*	14.5 Env**	Other informatio n:
		not more than 60% hydrogen peroxide (stabilized as necessary)	 			informatio n.

* Packing group

** Environmental hazards

Additional information

This product is within scope of the regulations of transport of dangerous goods.

ADR / See Table A, section 3.2.1 for any information on special provisions, requirements, or warnings in connection with transport. See section 5.4.3, for instructions in writing regarding mitigation of damages in relation to incidents or accidents during transport.

IMDG / See section 3.2.1, for any information on special provisions, requirements, or warnings in connection with transport.

IATA / See Table 4.2 for any information on special provisions, requirements, or warnings in connection with transport.

14.6. Special precautions for user

Not applicable.

14.7. Maritime transport in bulk according to IMO instruments

No data available.

SECTION 15: REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Restrictions for application:

Restricted to professional users.

Demands for specific education:

No specific requirements.

SEVESO - Categories / dangerous substances:

Not applicable.

Regulation on explosives precursors:

hydrogen peroxide (Annex I)

Labelling of contents according to Detergents Regulation (EC) No 648/2004:

≥ 30%

· Oxygen-based bleaching Agents

Additional information:

Not applicable.

Sources:

Protection Of Young Persons At Work Places Regulations, 1st January 2002 (Subsidiary Legislation 424.10)

Regulation (EC) No 648/2004 of the European Parliament and of the Council of 31 March 2004 on detergents.

Commission Regulation (EU) No 1357/2014 of 18 December 2014 on waste.

Council Regulation (EC) No 2019/1148 on explosives precursors.

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (CLP).

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

15.2. Chemical safety assessment

No

SECTION 16: OTHER INFORMATION

Full text of H-phrases as mentioned in section 3

H271, May cause fire or explosion; strong oxidiser.
H302, Harmful if swallowed.
H314, Causes severe skin burns and eye damage.
H315, Causes skin irritation.
H318, Causes serious eye damage.
H319, Causes serious eye irritation.
H332, Harmful if inhaled.
H336, May cause drowsiness or dizziness.

Abbreviations and acronyms

ADN = European Provisions concerning the International Carriage of Dangerous Goods by Inland Waterway
ADR = The European Agreement concerning the International Carriage of Dangerous Goods by Road
ATE = Acute Toxicity Estimate
BCF = Bioconcentration Factor
CAS = Chemical Abstracts Service
CE = Conformité Européenne (European conformity)
CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]
CSA = Chemical Safety Assessment
CSR = Chemical Safety Report
DMEL = Derived Minimal Effect Level
DNEL = Derived No Effect Level
EINECS = European Inventory of Existing Commercial chemical Substances
ES = Exposure Scenario
EUH statement = CLP-specific Hazard statement
EuPCS = European Product Categorisation System
EWC = European Waste Catalogue
GHS = Globally Harmonized System of Classification and Labelling of Chemicals
GWP = Global warming potential
IARC = International Agency for Research on Cancer (IARC)
IATA = International Air Transport Association
IBC = Intermediate Bulk Container
IMDG = International Maritime Dangerous Goods
LogPow = logarithm of the octanol/water partition coefficient
MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)
OECD = Organisation for Economic Co-operation and Development
PBT = Persistent, Bioaccumulative and Toxic
PNEC = Predicted No Effect Concentration
RID = The Regulations concerning the International Carriage of Dangerous Goods by Rail
RRN = REACH Registration Number
SCL = A specific concentration limit
SVHC = Substances of Very High Concern
STOT-RE = Specific Target Organ Toxicity - Repeated Exposure
STOT-SE = Specific Target Organ Toxicity - Single Exposure
TWA = Time weighted average
UN = United Nations
UVBC = Unknown or variable composition, complex reaction products or of biological materials
VOC = Volatile Organic Compound
vPvB = Very Persistent and Very Bioaccumulative

Additional information

The classification of the mixture in regard of health hazards is in accordance with the calculation methods given by Regulation (EC) No. 1272/2008 (CLP).

The safety data sheet is validated by

Quality & Compliance

Other

A change (in proportion to the last essential change (first cipher in SDS version, see section 1)) is marked with a triangle.

The information in this safety data sheet applies only to this specific product (mentioned in section 1) and is not necessarily correct for use with other chemicals/products.

It is recommended to hand over this safety data sheet to the actual user of the product. Information in this safety data sheet cannot be used as a product specification.

Country-language: MT-en

HELAIAN DATA KESELAMATAN

iT.34 laundry stainremover pro active oxygen

BAHAGIAN 1: PENGENALAN BAHAN KIMIA DAN PEMBEKAL

1.1. Pengecam produk

Nama dagang:

iT.34 laundry stainremover pro active oxygen

1.2. Kegunaan yang disarankan bagi bahan dan sekatan penggunaan

Penggunaan bahan atau campuran yang dikenal pasti:

Detergen dan agen pembersih (termasuk yang berasaskan pelarut)

Terhad kepada pengguna profesional.

Penggunaan yang tidak disarankan:

Tidak diketahui.

1.3. Butiran pembekal helaian data keselamatan

Butiran syarikat:

Hygeniq B.V.

Lenteweg 15

7532 RV Enschede

Nederland

0534282860

E-mel:

info@hygeniq.com

Tarikh SDS:

15/08/2025

Versi SDS:

1.0

1.4. Nombor telefon kecemasan

Pusat Racun Kebangsaan (Pulau Pinang): Tel: 04 657 0099 (Isnin-Jumaat 08:10pg - 5:10pg), Tel: 012 430 9499 (Isnin-Jumaat 5:10ptg-10:00mlm ; Hujung minggu & cuti umum 8.10pg - 5.10ptg)

Lihat seksyen 4: Langkah pertolongan cemas

BAHAGIAN 2: PENGENALAN BAHAYA

Bahan ini dianggap berbahaya oleh Tataamalan Industri Mengenai Pengelasan Bahan Kimia dan Komunikasi Hazard (ICOP).

2.1. Klasifikasi bahan atau campuran

Met. Corr. 1; H290, Boleh mengakis logam.

Acute Tox. 4; H302, Memudaratkan jika tertelan.

Skin Irrit. 2; H315, Menyebabkan kerengsaan kulit.

Eye Dam. 1; H318, Menyebabkan kerosakan mata yang serius.

STOT SE 3; H336, Boleh menyebabkan mengantuk atau kepeningan.

Berdasarkan Peraturan Keselamatan dan Kesihatan Pekerjaan (Klasifikasi, Pelabelan dan Lembaran Data Keselamatan Bahan Kimia Berbahaya) 2013

2.2. Unsur label

Piktogram bahaya:



Kata isyarat:

Bahaya

Pernyataan bahaya:

Boleh mengakis logam. (H290)
Memudaratkan jika tertelan. (H302)
Menyebabkan kerengsaan kulit. (H315)
Menyebabkan kerosakan mata yang serius. (H318)
Boleh menyebabkan mengantuk atau kepeningan. (H336)

Pernyataan berjaga-jaga:

Am:

Tidak berkenaan.

Pencegahan:

Basuh tangan dan kulit yang terdedah bersih-bersih selepas mengendalikan bahan. (P264)
Pakai perlindungan mata/sarung tangan pelindung/pakaian pelindung. (P280)

Tindakbalas:

JIKA TERKENA MATA: Bilas berhati-hati dengan air selama beberapa minit. Tanggalkan kanta lekap, jika ada dan dapat dilakukan dengan mudah. Teruskan membilas. (P305+P351+P338)
Serap tumpahan bagi mengelakkan kerosakan bahan. (P390)

Penyimpanan:

Simpan di dalam bekas dengan pelapik dalam yang tahan. (P406)

Pelupusan:

Lupuskan kandungan/bekas ke peraturan tempatan (P501)

Ramuan berbahaya:

hydrogen peroxide

Pelabelan tambahan:

Tidak berkenaan.

BAHAGIAN 3: KOMPOSISI DAN MAKLUMAT MENGENAI RAMUAN BAHAN KIMIA BERBAHAYA

3.1. Bahan

Tidak berkenaan. Produk ini ialah sejenis campuran.

3.2. Campuran

Produk/bahan	Pengenal pasti	% w/w	Klasifikasi	Nota
hydrogen peroxide	CAS: 7722-84-1 EC: 231-765-0	30-50%	Ox. Liq. 1, H271 Acute Tox. 4, H302 Skin Corr. 1A, H314 (SCL: 70.00 %) Skin Corr. 1B, H314 (SCL: 50.00 %) Skin Irrit. 2, H315 (SCL: 35.00 %) Eye Dam. 1, H318 (SCL: 8.00 %) Eye Irrit. 2, H319 (SCL: 5.00 %)	

Berdasarkan Peraturan Keselamatan dan Kesihatan Pekerjaan (Klasifikasi, Pelabelan dan Lembaran Data Keselamatan Bahan Kimia Berbahaya) 2013

			Acute Tox. 4, H332 STOT SE 3, H336 (SCL: 35.00 %)	

Lihat teks penuh frasa H dalam seksyen 16. Had pendedahan pekerjaan disenaraikan dalam seksyen 8, jika ini tersedia.

Maklumat lain

-

BAHAGIAN 4: LANGKAH-LANGKAH PERTOLONGAN CEMAS

4.1. Deskripsi langkah pertolongan cemas

Am:

Jika berlaku kemalangan: Hubungi doktor atau jabatan kecemasan - bawa label atau helaian data keselamatan ini. Hubungi doktor jika ragu-ragu mengenai keadaan orang yang cedera atau jika simptom tersebut berterusan. Jangan berikan air atau minuman lain kepada orang yang tidak sedarkan diri.

Penyedutan:

Apabila berlaku kesukaran bernafas atau kerengsaan saluran pernafasan: Bawa mangsa ke kawasan berudara segar dan tunggu bersama beliau.

Terkena kulit:

JIKA TERKENA KULIT: Basuh dengan air yang banyak/sabun dan air yang banyak. Tanggalkan pakaian dan kasut yang tercemar. Pastikan membasuh kulit dengan teliti dengan air dan sabun. JANGAN guna pelarut atau pencair. Jika berlaku kerengsaan kulit: Dapatkan bantuan/rawatan perubatan.

Terkena mata:

Jika terkena mata: Bilas mata dengan air yang banyak atau air garam (20-30 °C) selama sekurang-kurangnya 30 minit dan teruskan sehingga kerengsaan berhenti. Keluarkan kanta sentuh. Pastikan anda membilas di bawah kelopak mata atas dan bawah. Dapatkan bantuan perubatan dengan serta-merta dan teruskan membilas.

Tertelan:

JIKA TERTELAN: Hubungi PUSAT RACUN/doktor/pakar perubatan jika anda rasa tidak sihat: Bilas mulut.

Terbakar:

Tidak berkenaan.

4.2. Simptom dan kesan yang paling penting, kedua-dua akut dan tertunda

Produk ini mengandungi bahan yang menyebabkan kerosakan mata yang serius. Sentuhan dengan bahan ini boleh menyebabkan kesan pada mata yang tidak dapat dipulihkan / kerosakan mata yang serius.

4.3. Indikasi bagi sebarang rawatan segera dan rawatan khas yang diperlukan

JIKA terdedah atau dikhuatiri terdedah kepada bahan:
Segera dapatkan bantuan/rawatan perubatan.

Nota kepada doktor

Bawa helaian data keselamatan ini atau label

BAHAGIAN 5: LANGKAH-LANGKAH PEMADAMAN KEBAKARAN

5.1. Media pemadam kebakaran

Tidak berkenaan.

5.2. Bahaya khusus yang timbul daripada bahan atau campuran

Berdasarkan Peraturan Keselamatan dan Kesihatan Pekerjaan (Klasifikasi, Pelabelan dan Lembaran Data Keselamatan Bahan Kimia Berbahaya) 2013

Kebakaran akan mengakibatkan asap tebal. Pendedahan kepada produk pembakaran boleh membahayakan kesihatan anda. Bekas tertutup, yang terdedah kepada kebakaran, hendaklah disejukkan dengan menggunakan air. Jangan biarkan air pemadaman api masuk ke sistem kumbahan dan permukaan perairan berhampiran.

5.3. Nasihat untuk ahli bomba

Pakai alat pernafasan serba lengkap dan pakaian perlindungan untuk mengelakkan sentuhan. Apabila terdedah secara langsung, hubungi Pusat Racun Kebangsaan (Pulau Pinang) (lihat bahagian 1.4), untuk mendapatkan nasihat lanjut.

Kod Hazchem: 2P

BAHAGIAN 6: LANGKAH-LANGKAH PELEPASAN TIDAK SENGAJA

6.1. Langkah berjaga-jaga peribadi, peralatan pelindung dan prosedur kecemasan

Elakkan sentuhan langsung dengan bahan tertumpah.

Pastikan pengudaraan yang mencukupi, terutamanya di kawasan tertutup.

Elakkan penyedutan wap dari bahan tertumpah.

Kawasan tercemar mungkin licin.

6.2. Langkah berjaga-jaga alam sekitar

Elakkan pelepasan ke tasik, sungai, pembetung, dll.

Pastikan orang yang tidak dibenarkan berada jauh daripada tumpahan

6.3. Kaedah dan bahan bagi pembendungan dan pembersihan

Mengandungi dan mengumpul tumpahan dengan bahan penyerap yang tidak mudah terbakar cth. pasir, tanah, vermikulit atau tanah diatom dan diletakkan dalam bekas untuk dilupuskan mengikut peraturan tempatan.

Sekiranya boleh, pembersihan hendaklah dilakukan dengan agen pembersihan biasa. Elakkan penggunaan pelarut.

6.4. Rujukan kepada seksyen lain

Lihat seksyen 13 untuk maklumat tambahan pembuangan.

Lihat seksyen 8 untuk maklumat kawalan pendedahan dan perlindungan diri.

BAHAGIAN 7: PENGENDALIAN DAN PENYIMPANAN

7.1. Langkah berjaga-jaga bagi pengendalian selamat

Elakkan hubungan langsung dengan produk.

Merokok, minum dan makan adalah tidak dibenarkan di kawasan kerja.

Lihat seksyen "Kawalan pendedahan dan perlindungan diri" untuk maklumat mengenai perlindungan peribadi.

7.2. Keadaan bagi penyimpanan yang selamat, termasuk apa-apa ketakserasian

Bekas yang telah dibuka mesti ditutup semula dengan teliti dan ditegakkan untuk mencegah kebocoran.

Simpan di dalam bekas dengan pelapik dalam yang tahan.

Bahan penyimpanan yang disyorkan:

Pastikan bahan disimpan hanya di dalam bekas asal.

Keadaan penyimpanan:

Kering, sejuk dan pengudaraan yang baik

Bahan tidak serasi:

Pastikan bahan disimpan hanya di dalam bekas asal.

7.3. Kegunaan akhir yang spesifik

Produk ini hanya boleh digunakan untuk aplikasi yang disebutkan dalam seksyen 1.2

BAHAGIAN 8: KAWALAN PENDEDAHAN DAN PERLINDUNGAN DIRI

8.1. Parameter kawalan

Berdasarkan Peraturan Keselamatan dan Kesihatan Pekerjaan (Klasifikasi, Pelabelan dan Lembaran Data Keselamatan Bahan Kimia Berbahaya) 2013

hydrogen peroxide

Had pendedahan jangka panjang (8 jam) (ppm): 1

Had pendedahan jangka panjang (8 jam) (mg/m³): 1,4

PERATURAN-PERATURAN KESELAMATAN DAN KESIHATAN PEKERJAAN (PENGUNAAN DAN STANDARD PENDEDAHAN BAHAN KIMIA BERBAHAYA KEPADA KESIHATAN) 2000

8.2. Kawalan-kawalan pendedahan

Pematuhan nilai had pendedahan pekerjaan yang diberikan harus dikawal secara teratur.

Cadangan am:

Merokok, minum dan makan adalah tidak dibenarkan di kawasan kerja.

Senario pendedahan:

Tiada senario pendedahan yang dilaksanakan untuk produk ini.

Had pendedahan:

Pengguna profesional tertakluk kepada kepekatan maksimum yang sah untuk pendedahan pekerjaan. Lihat nilai had kebersihan pekerjaan di atas.

Kawalan kejuruteraan yang sesuai:

Pembentukan wap mesti dikekalkan pada paras minimum dan di bawah nilai had semasa (lihat di atas). Jika aliran udara biasa dalam bilik kerja tidak mencukupi, pemasangan suatu sistem ekzos setempat adalah disyorkan.

Pastikan bahawa pencuci mata dan pancuran kecemasan ditandakan dengan jelas.

Pastikan stesen pembersihan mata dan pancuran mandian keselamatan terletak di kawasan yang mudah dicapai. Ambil langkah berjaga-jaga yang biasa semasa penggunaan produk. Elakkan penyedutan wap.

Langkah-langkah kebersihan:

Tanggalkan pakaian yang tercemar dan basuh sebelum menggunakannya semula.

Kawalan pendedahan alam sekitar:

Tiada keperluan khusus.

Langkah perlindungan individu, seperti PPE

Am:

Gunakan peralatan perlindungan bertanda CE.

Perlindungan pernafasan:

Situasi kerja	Jenis	Kelas	Warna	Standard	
Apabila terdapat risiko pembentukan kabus/aerosol	Topeng penuh			EN136	

Perlindungan kulit:

Disyorkan	Jenis / Kategori	Standard	
Pakaian kerja khas	-	-	

Perlindungan tangan:

Situasi kerja	Bahan	Ketebalan sarung tangan (mm)	Masa penembusan (min.)	Standard	
Jika pendedahan berpanjangan atau kepekatan tinggi	Getah nitril	0.4	> 480	EN374-2, EN16523-1, EN388	

Berdasarkan Peraturan Keselamatan dan Kesihatan Pekerjaan (Klasifikasi, Pelabelan dan Lembaran Data Keselamatan Bahan Kimia Berbahaya) 2013

Situasi kerja	Bahan	Ketebalan sarung tangan (mm)	Masa penembusan (min.)	Standard	
Jika pendedahan berpanjangan atau kepekatan tinggi	Getah butil	0,7	> 480	EN374-2, EN16523-1, EN388, EN421	

Perlindungan mata/muka:

Jenis	Standard	
Kaca mata keselamatan dengan pelindung sisi	EN166	

BAHAGIAN 9: SIFAT FIZIKAL DAN KIMIA

9.1. Maklumat tentang sifat fizikal dan kimia asas

Rupa:

Cecair

Warna:

Nir-warna

Bau:

Ciri khas

Ambang bau (ppm):

Tiada data yang tersedia.

pH:

2.5

Ketumpatan (g/cm³):

1.1 (20 °C)

Kelikatan:

Tiada data yang tersedia.

Ciri-ciri zarah:

Tidak digunakan pada cecair

Fasa perubahan

Takat lebur/takat beku (°C):

Tiada data yang tersedia.

Titik lembut/julat (°C):

Tidak digunakan pada cecair

Titik didih/julat didih (°C):

100

Tekanan Wap:

Tiada data yang tersedia.

Ketumpatan Wap:

Tiada data yang tersedia.

Suhu pereputan (°C):

Tiada data yang tersedia.

Berdasarkan Peraturan Keselamatan dan Kesihatan Pekerjaan (Klasifikasi, Pelabelan dan Lembaran Data Keselamatan Bahan Kimia Berbahaya) 2013

Kadar Penyejatan:

Data mengenai bahaya kebakaran dan letupan

Takat kilat (°C):

Tiada data yang tersedia.

Titik pencucuhan (°C):

Tiada data yang tersedia.

Suhu penyalaan automatik (°C):

Tiada data yang tersedia.

Had mudah meletup (mudah menyala) bawah dan atas (% v/v):

Tiada data yang tersedia.

Keterlarutan

Kelarutan dalam air:

Larut sepenuhnya

Pekali Sekatan (LogKow):

Tiada data yang tersedia.

Kelarutan dalam lemak (g/L):

Tiada data yang tersedia.

9.2. Maklumat lain

Parameter fizikal dan kimia yang lain:

Tiada data yang tersedia.

Sifat pengoksidaan:

Tiada data yang tersedia.

BAHAGIAN 10: KESTABILAN DAN KEREAKTIFAN

10.1. Kereaktifan

Tiada data yang tersedia.

10.2. Kestabilan kimia

Produk ini stabil di bawah keadaan, yang disebut dalam seksyen 7 "Pengendalian dan penyimpanan".

10.3. Kemungkinan tindak balas berbahaya

Tidak diketahui.

10.4. Keadaan yang perlu dielak

Tidak diketahui.

10.5. Bahan yang tidak serasi

Pastikan bahan disimpan hanya di dalam bekas asal.

10.6. Produk penguraian berbahaya

Dalam keadaan penyimpanan dan penggunaan yang biasa, produk penguraian berbahaya tidak boleh dihasilkan.

BAHAGIAN 11: MAKLUMAT TOKSIKOLOGI

11.1. Maklumat tentang kesan toksikologi

Ketoksikan akut

Produk/bahan	hydrogen peroxide
Spesis:	Tikus
Laluan pendedahan:	Oral
Ujian:	LD50

Berdasarkan Peraturan Keselamatan dan Kesehatan Pekerjaan (Klasifikasi, Pelabelan dan Lembaran Data Keselamatan Bahan Kimia Berbahaya) 2013

Keputusan: 1.193 - 1.270 mg/L

Produk/bahan: hydrogen peroxide
Spesis: Arnab
Laluan pendedahan: Kulit
Ujian: LD50
Keputusan: >2.000 (35% oplossing) mg/kg

Memudaratkan jika tertelan.

Kakisan/kerengsaan Kulit

Produk/bahan: iT.34 laundry stainremover pro active oxygen
Keputusan: Kesan buruk yang diperhatikan (Merengsakan)

Produk/bahan: hydrogen peroxide
Keputusan: Kesan buruk yang diperhatikan (Merengsakan)

Menyebabkan kerengsaan kulit.

Kerosakan/kerengsaan mata yang serius

Produk/bahan: iT.34 laundry stainremover pro active oxygen
Keputusan: Kesan buruk yang diperhatikan (Menyebabkan kerosakan mata yang serius)

Produk/bahan: hydrogen peroxide
Keputusan: Kesan buruk yang diperhatikan (Menyebabkan kerosakan mata yang serius)

Menyebabkan kerosakan mata yang serius.

Pemekaan pernafasan

Produk/bahan: hydrogen peroxide
Keputusan: Tiada kesan buruk yang diperhatikan (tidak memekatkan)

Berdasarkan data yang ada, kriteria klasifikasi tidak dipenuhi.

Pemekaan kulit

Berdasarkan data yang ada, kriteria klasifikasi tidak dipenuhi.

Kemutagenan sel germa

Berdasarkan data yang ada, kriteria klasifikasi tidak dipenuhi.

Kekarsinogenan

Produk/bahan: hydrogen peroxide
Kesimpulan: Tiada kesan buruk yang diperhatikan

Berdasarkan data yang ada, kriteria klasifikasi tidak dipenuhi.
hydrogen peroxide : Bahan ini dikelaskan oleh IARC sebagai kumpulan 3.

Ketoksikan pembiakan

Produk/bahan: hydrogen peroxide
Kesimpulan: Tiada kesan buruk yang diperhatikan

Berdasarkan data yang ada, kriteria klasifikasi tidak dipenuhi.

Ketoksikan organ sasaran khusus (pendedahan tunggal)

Boleh menyebabkan mengantuk atau kepeningan.

Ketoksikan organ sasaran khusus (pendedahan berulang)

Berdasarkan data yang ada, kriteria klasifikasi tidak dipenuhi.

Bahaya aspirasi

Produk/bahan: hydrogen peroxide
Berdasarkan data yang ada, kriteria klasifikasi tidak dipenuhi.

Kesan Jangka Panjang

Berdasarkan Peraturan Keselamatan dan Kesehatan Pekerjaan (Klasifikasi, Pelabelan dan Lembaran Data Keselamatan Bahan Kimia Berbahaya) 2013

Produk ini mengandung bahan yang menyebabkan kerosakan mata yang serius. Sentuhan dengan bahan ini boleh menyebabkan kesan pada mata yang tidak dapat dipulihkan / kerosakan mata yang serius.

BAHAGIAN 12: MAKLUMAT EKOLOGI

12.1. Ketoksikan

Produk/bahan	hydrogen peroxide
Spesis:	Ikan, Pimephales promelas
Tempoh:	96 jam
Ujian:	LC50
Keputusan:	16,4 mg/L

Produk/bahan	hydrogen peroxide
Spesis:	Ikan, Leuciscus idus
Tempoh:	72 jam
Ujian:	LC50
Keputusan:	35 mg/L

Produk/bahan	hydrogen peroxide
Spesis:	Ikan, Oncorhynchus mykiss
Tempoh:	7 hari
Ujian:	LC50
Keputusan:	38,5 mg/L

Produk/bahan	hydrogen peroxide
Spesis:	Daphnia pulex
Tempoh:	48 jam
Ujian:	EC50
Keputusan:	2,4 mg/L

Produk/bahan	hydrogen peroxide
Spesis:	Daphnia magna
Tempoh:	24 jam
Ujian:	EC50
Keputusan:	7,7 mg/L

Produk/bahan	hydrogen peroxide
Spesis:	Skeletonema costatum
Tempoh:	72 jam
Ujian:	EC50
Keputusan:	1,38 mg/L

Produk/bahan	hydrogen peroxide
Kaedah ujian:	OECD 209
Spesis:	Bakteria
Persekitaran:	Loji Enapcemar Diaktifkan
Tempoh:	30 minutes
Ujian:	EC50
Keputusan:	466 mg/L

Produk/bahan	hydrogen peroxide
Kaedah ujian:	OECD 209
Spesis:	Bakteria
Persekitaran:	Loji Enapcemar Diaktifkan
Tempoh:	3 jam

Berdasarkan Peraturan Keselamatan dan Kesihatan Pekerjaan (Klasifikasi, Pelabelan dan Lembaran Data Keselamatan Bahan Kimia Berbahaya) 2013

Ujian: EC50
Keputusan: > 1.000 mg/L

Berdasarkan data yang ada, kriteria klasifikasi tidak dipenuhi.

12.2. Ketegaran dan keterdegradan

Produk/bahan: hydrogen peroxide
Kesimpulan: Mudah terbiodegradasi

12.3. Keupayaan biopengumpulan

Produk/bahan: hydrogen peroxide
LogKow: -1,57
Kesimpulan: -

12.4. Mobiliti dalam tanah

Tiada data yang tersedia.

12.5. Keputusan taksiran PBT dan vPvB

Campuran/produk ini tidak mengandungi sebarang bahan yang dianggap memenuhi kriteria yang mengklasifikasikannya sebagai PBT dan/atau vPvB.

12.6. Kesan memudaratkan yang lain

Tidak diketahui.

BAHAGIAN 13: MAKLUMAT PELUPUSAN

Kaedah rawatan bahan buangan

Lupuskan kandungan/bekas ke ke loji pelupusan sisa yang diluluskan.

Pelabelan spesifik

Bahan Pembungkusan Tercemar

Pembungkusan yang mengandungi residu produk mesti dilupuskan sama dengan produk tersebut.

BAHAGIAN 14: MAKLUMAT PENGANGKUTAN

	14.1 No. U.N.	14.2 Nama penghantaran betul	14.3 Kelas	14.4 PG*	14.5 Env**	Maklumat lain:
ADR	UN2014	HYDROGEN PEROXIDE, AQUEOUS SOLUTION with not less than 20% but not more than 60% hydrogen peroxide (stabilized as necessary)	Kelas: 5.1 Kelas bahaya pengangkutan: 5.1+8 Kod klasifikasi: OC1  	II	Tidak	Kuantiti terhad: 1 L Kod sekatan terowong: (E) Sila lihat di bawah untuk maklumat tambahan.
IMDG	UN2014	HYDROGEN PEROXIDE, AQUEOUS SOLUTION with not less than 20% but not more than 60% hydrogen peroxide (stabilized as necessary)	Kelas: 5.1 Kelas bahaya pengangkutan: 5.1+8 Kod klasifikasi: OC1  	II	Tidak	Kuantiti terhad: 1 L EmS: F-H S- Q Sila lihat di bawah untuk

Berdasarkan Peraturan Keselamatan dan Kesihatan Pekerjaan (Klasifikasi, Pelabelan dan Lembaran Data Keselamatan Bahan Kimia Berbahaya) 2013

	14.1 No. U.N.	14.2 Nama penghantaran betul	14.3 Kelas	14.4 PG*	14.5 Env**	Maklumat lain:
						maklumat tambahan.
IATA	UN2014	HYDROGEN PEROXIDE, AQUEOUS SOLUTION with not less than 20% but not more than 60% hydrogen peroxide (stabilized as necessary)	Kelas: 5.1 Kelas bahaya pengangkutan: 5.1+8 Kod klasifikasi: OC1  	II	Tidak	Sila lihat di bawah untuk maklumat tambahan.

* Kumpulan Pembungkusan

** Bahaya Alam Sekitar

Maklumat tambahan

Produk ini berada dalam lingkungan peraturan pengangkutan barang berbahaya.

ADR / Rujuk Jadual A, Bahagian 3.2.1 untuk sebarang maklumat tentang peruntukan, keperluan atau amaran khas berkaitan pengangkutan. Lihat bahagian 5.4.3 untuk arahan secara bertulis tentang pengurangan kerosakan yang berkaitan dengan insiden atau kemalangan semasa pengangkutan.

IMGD / Lihat Bahagian 3.2.1 untuk sebarang maklumat tentang peruntukan, keperluan atau amaran khas berkaitan pengangkutan.

IATA / Lihat Jadual 4.2 untuk sebarang maklumat tentang peruntukan, keperluan atau amaran khas berkaitan pengangkutan.

Kod Hazchem: 2P

14.6. Langkah berjaga-jaga khas untuk pengguna

Tidak berkenaan.

14.7. Pengangkutan secara pukal menurut Lampiran II MARPOL dan Kod IBC

Tiada data yang tersedia.

BAHAGIAN 15: MAKLUMAT PENGAWALSELIAAN

15.1. Peraturan/undang-undang keselamatan, kesihatan dan alam sekitar yang khusus bagi bahan atau campuran

Sekatan untuk penggunaan:

Terhad kepada pengguna profesional.

Keperluan untuk pendidikan khusus:

Tiada keperluan khusus.

Kawalan terhadap bahaya kemalangan besar dalam perindustrian:

Tidak berkenaan.

Maklumat tambahan:

Tidak berkenaan.

Sistem Pengurusan Maklumat Kimia (CIMS):

hydrogen peroxide disenaraikan

Sumber:

AKTA KESELAMATAN DAN KESIHATAN PEKERJAAN 1994

Peraturan-peraturan Keselamatan dan Kesihatan Pekerjaan (Pengelasan, Pelabelan dan Lembaran Data Keselamatan Bahan Kimia Berbahaya) [2013 P.U. (A) 310.]

Tataamalan Industri pada Pengelasan Bahan Kimia dan Komunikasi Hazard (ICOP)

15.2. Penilaian keselamatan kimia

Tidak

BAHAGIAN 16: MAKLUMAT LAIN

Teks penuh frasa H seperti yang dinyatakan dalam seksyen 3

H271, Boleh menyebabkan kebakaran atau letupan; pengoksida kuat
H302, Memudaratkan jika tertelan.
H314, Menyebabkan lecuran kulit dan kerosakan mata yang teruk.
H315, Menyebabkan kerengsaan kulit.
H318, Menyebabkan kerosakan mata yang serius.
H319, Menyebabkan kerengsaan mata yang serius.
H332, Memudaratkan jika tertedut.
H336, Boleh menyebabkan mengantuk atau kepeningan.

Teks penuh penggunaan yang dikenalpasti seperti dinyatakan dalam seksyen 1

Tidak diketahui.

Singkatan dan akronim

ADN = Peruntukan Eropah mengenai Pengangkutan Barang Antarabangsa Berbahaya melalui Jalan Air Pedalaman
ADR = Perjanjian Eropah mengenai Pengangkutan Antarabangsa Barangan Berbahaya melalui Jalan Raya
ATE = Anggaran Ketoksikan Akut
BCF = Faktor Biokonsentrasi
CAS = Perkhidmatan Abstrak Kimia
EINECS = - Inventori Eropah Bagi Bahan Kimia Komersial Sedia Ada
GHS = Sistem Terharmoni Global Bagi Pengelasan dan Pelabelan Bahan Kimia
IARC = Agensi Antarabangsa Penyelidikan Mengenai Kanser
IATA = Persatuan Pengangkutan Udara Antarabangsa
IMDG = Barangan Berbahaya Maritim Antarabangsa
LogPow = logaritma pekali partisi oktanol/air
MARPOL = Konvensyen Antarabangsa untuk Pencegahan Pencemaran dari Kapal, 1973 seperti yang diubahsuai oleh Protokol 1978. ("Marpol" = pencemaran marin)
OECD = Pertubuhan Kerjasama Ekonomi dan Pembangunan
RID = Peraturan-peraturan bagi Pengangkutan Antarabangsa Barangan Berbahaya oleh Kereta Api
SCL = Mempunyai had kepekatan tertentu.
STEL = Had pendedahan jangka pendek
STOT-RE = Ketoksikan Organ Sasaran Khusus - Pendedahan Berulang
STOT-SE = Ketoksikan Organ Sasaran Khusus - Pendedahan Tunggal
TWA = Purata wajaran masa
UN = Bangsa-Bangsa Bersatu
VOC = Kompaun Organik Meruap

Maklumat tambahan

Pengelasan campuran dalam hal bahaya kesihatan adalah mengikut kaedah pengiraan yang diberikan oleh Tataamalan Industri Mengenai Pengelasan Bahan Kimia dan Komunikasi Hazard (ICOP).

Lembaran data keselamatan disahkan oleh

Quality & Compliance

Maklumat lain

Perubahan (berkadar dengan perubahan penting yang terakhir (sifer pertama dalam versi SDS, lihat seksyen 1)) ditandakan dengan segitiga.
Maklumat dalam helaian data keselamatan ini hanya terpakai kepada produk tertentu ini (disebutkan dalam seksyen 1) dan tidak semestinya betul jika digunakan dengan bahan kimia/produk lain.
Adalah disyorkan untuk menyerahkan helaian data keselamatan ini kepada pengguna produk yang sebenarnya.
Maklumat dalam helaian data keselamatan ini tidak boleh digunakan sebagai spesifikasi produk.
Negara-bahasa: MY-ms

VEILIGHEIDSINFORMATIEBLAD

iT.34 laundry stainremover pro active oxygen

RUBRIEK 1: IDENTIFICATIE VAN DE STOF OF HET MENGSEL EN VAN DE VENNOOTSCHAP/ONDERNEMING

1.1. Productidentificatie

Handelsnaam:

iT.34 laundry stainremover pro active oxygen

Unieke formule-identificatie (UFI):

KWY8-NP05-J88H-EC1G

1.2. Relevant geïdentificeerd gebruik van de stof of het mengsel en ontraden gebruik

Relevant geïdentificeerd gebruik van de stof of het mengsel:

Was- en reinigingsmiddelen (inclusief op oplosmiddelbasis)

Uitsluitend voor gebruik door professionele gebruiker.

Ontraden gebruik :

Niet bekend.

1.3. Details betreffende de verstrekker van het veiligheidsinformatieblad

Firmanaam en adres:

Hygeniq B.V.

Postbus 618

7500 AP Enschede

The Netherlands

+31 53 4282860

+31 53 5393865

www.hygeniq.com

E-mailadres:

info@hygeniq.com

Herziening:

15-08-2025

SDS-versie:

1.0

1.4. Telefoonnummer voor noodgevallen

Bij ongeval met dit product neemt contact op met uw arts of de spoeddiensten van het plaatselijke ziekenhuis.

Artsen en medisch personeel kunnen met NVIC contact opnemen: Tel: +31 (0)88 755 8000 (bereikbaar 24/7). Het telefoonnummer is uitsluitend bestemd om professionele hulpverleners te informeren bij acute vergiftigingen.

Zie rubriek 4 over eerstehulpmaatregelen.

RUBRIEK 2: IDENTIFICATIE VAN DE GEVAREN

Geclassificeerd overeenkomstig Voorschrift (EC) Nr. 1272/2008 (CLP).

2.1. Indeling van de stof of het mengsel

Met. Corr. 1; H290, Kan bijtend zijn voor metalen.
Acute Tox. 4; H302, Schadelijk bij inslikken.
Skin Irrit. 2; H315, Veroorzaakt huidirritatie.
Eye Dam. 1; H318, Veroorzaakt ernstig oogletsel.
STOT SE 3; H336, Kan slaperigheid of duizeligheid veroorzaken.

2.2. Etiketteringselementen

Gevarenpictogram(men):



Signaalwoord:

Gevaar

Gevarenaanduidingen:

Kan bijtend zijn voor metalen. (H290)
Schadelijk bij inslikken. (H302)
Veroorzaakt huidirritatie. (H315)
Veroorzaakt ernstig oogletsel. (H318)
Kan slaperigheid of duizeligheid veroorzaken. (H336)

Veiligheidsaanbevelingen:

Algemeen:

Niet van toepassing.

Preventie:

Na het werken met dit product handen en blootgestelde huid grondig wassen. (P264)
oogbescherming/Beschermende handschoenen/Beschermende kleding dragen. (P280)

Reactie:

BIJ CONTACT MET DE OGEN: voorzichtig afspoelen met water gedurende een aantal minuten; contactlenzen verwijderen, indien mogelijk; blijven spoelen. (P305+P351+P338)
Gelekte/gemorste stof opnemen om materiële schade te vermijden. (P390)

Opslag:

In houder met corrosiebestendige binnenbekleding bewaren. (P406)

Verwijdering:

Inhoud/verpakking afvoeren naar overeenkomstig de plaatselijke voorschriften (P501)

Stoffen waarvoor meldingsplicht geldt:

waterstofperoxide

Andere opmerkingen:

UFI: KQY8-NP0S-J88H-EC1G

Etikettering van de inhoud in overeenstemming met detergentiaverordening EG nr. 648/2004 (van toepassing op verpakkingen van wasmiddelen die aan het grote publiek worden verkocht):

≥ 30%

· Zuurstofbleekmiddelen

2.3. Andere gevaren

Overig:

Dit mengsel/product bevat geen stoffen die aan de criteria voldoen om ze als PBT en/of zPzB te classificeren.
Dit product bevat geen stoffen die worden beschouwd als hormoonverstorende stoffen volgens de criteria van Gedelegeerde Verordening (EU) 2017/2100 van de Commissie of Verordening (EU) 2023/707 van de Commissie.

RUBRIEK 3: SAMENSTELLING EN INFORMATIE OVER DE BESTANDDELEN

3.1. Stoffen

Niet van toepassing. Dit product is een mengsel.

3.2. Mengsels

Product / ingrediënt	Identificatiemogelijkheden	% w/w	Classificatie	Opm.
waterstofperoxide	CAS Nr.: 7722-84-1 EG Nr: 231-765-0 REACH: 01-2119485845-22-XXXX Catalogusnr.: 008-003-00-9	30-50%	Ox. Liq. 1, H271 Acute Tox. 4, H302 Skin Corr. 1A, H314 (SCL: 70,00 %) Skin Corr. 1B, H314 (SCL: 50,00 %) Skin Irrit. 2, H315 (SCL: 35,00 %) Eye Dam. 1, H318 (SCL: 8,00 %) Eye Irrit. 2, H319 (SCL: 5,00 %) Acute Tox. 4, H332 STOT SE 3, H336 (SCL: 35,00 %)	

De volledige tekst van de gevarenaanduidingen staat in rubriek 16. Arbeidshygiënische grenswaarden zijn genoemd in rubriek 8, voor zover ze van toepassing zijn.

Andere informatie

-

RUBRIEK 4: EERSTEHULPMAATREGELEN

4.1. Beschrijving van de eerstehulpmaatregelen

Algemeen:

Bij ongelukken: Contacteer een arts of het : Tel: +31 (0)88 755 8000 (bereikbaar 24/7). Neem het etiket van het product of dit veiligheidsblad mee.

Het telefoonnummer is uitsluitend bestemd om professionele hulpverleners te informeren bij acute vergiftigingen. Bij aanhoudende symptomen of twijfel over de toestand van het slachtoffer moet er een arts ingeschakeld worden. Geef een bewusteloze persoon nooit water of iets dergelijks.

Bij inademen:

Als men moeilijkheden vaststelt tijdens de ademhaling of irritatie van de luchtwegen: Breng de persoon naar buiten en houd hem in de gaten.

Bij huidcontact:

BIJ CONTACT MET DE HUID: met veel water/water en zeep wassen.

Verwijder verontreinigde kleding en schoenen. Huid, die in contact is geweest met het materiaal grondig wassen met water en zeep. Gebruik GEEN oplosmiddelen of verdunners.

Bij huidirritatie: een arts raadplegen.

Bij oogcontact:

Bij contact met de ogen: Spoel de ogen direct uit met een ruime hoeveelheid water (20-30 °C) tot de irritatie ophoudt en minstens 30 minuten. Verwijder eventuele contactlenzen. Spoel ook onder het bovenste en onderste ooglid. Bel meteen een arts. Raadpleeg onmiddellijk een arts en blijf spoelen tijdens het transport naar de arts.

Bij inslikken:

NA INSLIKKEN: bij onwel voelen een ANTIGIFCENTRUM/arts raadplegen.

De mond spoelen.

Bij verbranding:

Niet van toepassing.

4.2. Belangrijkste acute en uitgestelde symptomen en effecten

Het product bevat stoffen die ernstig oogletsel veroorzaken. Contact met deze stoffen kan onomkeerbare effecten op het oog/ernstig oogletsel veroorzaken.

4.3. Vermelding van eventueel noodzakelijke onmiddellijke medische verzorging en speciale behandeling

NA (mogelijke) blootstelling:

Onmiddellijk een arts raadplegen.

Informatie voor de arts

Neem dit veiligheidsblad met of het etiket van het materiaal gegevens mee.

RUBRIEK 5: BRANDBESTRIJDINGSMAATREGELEN

5.1. Blusmiddelen

Niet van toepassing.

5.2. Speciale gevaren die door de stof of het mengsel worden veroorzaakt

Brand zal dichte rook ontwikkelen. Blootstelling aan afbraakproducten kan een gevaar voor de gezondheid opleveren. Gesloten houders die blootgesteld worden aan vuur, afkoelen met water. Laat het bluswater niet in riolering of waterleiding wegllopen.

5.3. Advies voor brandweelieden

Normaal beschermkleding en volledige ademhalingsbescherming. Bij direct contact met de chemicaliën Artsen en medisch personeel met NVIC contact opnemen: Tel: +31 (0)88 755 8000 (bereikbaar 24/7)

RUBRIEK 6: MAATREGELEN BIJ HET ACCIDENTEEL VRIJKOMEN VAN DE STOF OF HET MENGSEL

6.1. Persoonlijke voorzorgsmaatregelen, beschermingsmiddelen en noodprocedures

Vermijd direct contact met gemorste stof.
Zorg voor voldoende ventilatie, vooral in afgesloten ruimten.
Vermijd inademen van dampen van gemorste stoffen.
Verontreinigde gebieden kunnen glad zijn.

6.2. Milieuvorzorgsmaatregelen

Voorkom weglopen naar meren, rivieren, riolering, e.d.
Houd onbevoegden uit de buurt van het gemorste product.

6.3. Insluitings- en reinigingsmethoden en -materiaal

Verzamel gemorst materiaal met onbrandbaar, absorberend materiaal, bijvoorbeeld zand, aarde, vermiculiet of diatomeeënaarde en doe het in een container voor verwijdering volgens de lokale voorschriften.
Schoonmaken wordt voor zover mogelijk met schoonmaakmiddelen gedaan. Vermijd oplosmiddelen.

6.4. Verwijzing naar andere rubrieken

Zie het rubriek "Instructies voor verwijdering" over hoe om te gaan met afval.
Zie het rubriek over 8 "Maatregelen ter beheersing van blootstelling/persoonlijke bescherming" voor beschermingsregelingen.

RUBRIEK 7: HANTERING EN OPSLAG

7.1. Voorzorgsmaatregelen voor het veilig hanteren van de stof of het mengsel

Vermijd direct contact met het product.
Roken, eten en drinken is niet toegestaan in arbeidslokalen.

Zie de rubriek "Maatregelen ter beheersing van blootstelling/persoonlijke bescherming" voor informatie over persoonlijke bescherming.

7.2. Voorwaarden voor een veilige opslag, met inbegrip van incompatibele producten

Containers die zijn geopend dienen zorgvuldig te worden afgesloten en rechtop te worden opgeslagen om lekkage te voorkomen.

In houder met corrosiebestendige binnenbekleding bewaren.

Compatibele verpakkingen:

Uitsluitend in de oorspronkelijke verpakking bewaren.

Opslag condities:

Droog, koel en goed geventileerd

Chemisch op elkaar inwerkende materialen:

Uitsluitend in de oorspronkelijke verpakking bewaren.

7.3. Specifiek eindgebruik

Dit product mag alleen worden gebruikt voor de doeleinden zoals beschreven in rubriek 1.2.

RUBRIEK 8: MAATREGELEN TER BEHEERSING VAN BLOOTSTELLING/PERSOONLIJKE BESCHERMING

8.1. Controleparameters

Het product bevat geen stoffen die voorkomen op de Nederlandse lijst met stoffen met een blootstellingsgrens op de werkvloer.

DNEL

waterstofperoxide

Duur:	Blootstellingsroute:	DNEL:
Korte termijn - Lokale effecten - Algehele populatie	Inademing	1.93 mg/m ³
Korte termijn - Lokale effecten - Arbeiders	Inademing	3 mg/m ³
Lange termijn - Lokale effecten - Algehele populatie	Inademing	0,21 mg/m ³
Lange termijn - Lokale effecten - Algehele populatie	Inademing	210 µg/m ³
Lange termijn - Lokale effecten - Arbeiders	Inademing	1.4 mg/m ³

PNEC

waterstofperoxide

Blootstellingsroute:	Blootstellingsduur:	PNEC:
Aarde		0,023 mg/kg
Aarde		1.9 µg/kg
Afvalwaterzuiveringsinstallatie		466 mg/L
Intermitterende vrijlating (zoet water)		13.8 µg/L
Zeewater		0,047 mg/L
Zeewater		12.6 µg/L
Zeewatersediment		0,047 mg/L
Zeewatersediment		47 µg/kg
Zoet water		0,0126 mg/L
Zoet water		12.6 µg/L
Zoetwatersediment		0,047 mg/kg

Zoetwatersediment	47 µg/kg

8.2. Maatregelen ter beheersing van blootstelling

Pas algemene controle toe om onnodige blootstelling te voorkomen.

Algemene gedragslijnen:

Roken, eten en drinken is niet toegestaan in arbeidslokalen.

Blootstellingsscenario's:

Er zijn geen blootstellingsscenario's geïmplementeerd voor dit product.

Blootstellingslimieten:

Er zijn exponeringsgrenzen voor de stoffen uit dit product gevonden.

Technische maatregelen:

Zorg ervoor dat oogwasstations en veiligheidsdouches binnen handbereik zijn.

Wees voorzichtig bij het gebruik van het product. Vermijd de inademing van dampen.

Hygiënische maatregelen:

Verontreinigde kleding uittrekken en wassen alvorens deze opnieuw te gebruiken.

Beheersing van milieublootstelling:

Geen bijzondere eisen.

Individuele beschermingsmaatregelen, zoals persoonlijke beschermingsmiddelen

Algemeen:

Gebruik alleen beschermingsapparatuur met het CE-keurmerk.

Luchtwegen:

Werksituatie	Type	Klasse	Kleur	Standaard	
Als er een risico bestaat van mistvorming/aerosol	Hele maskers			EN136	

Huid en lichaam:

Aanbevolen	Type/Categorie	Normen	
Aanbevolen wordt speciale werkkleding te dragen	-	-	

Handen:

Werksituatie	Materiaal	Minimale laagdikte (mm)	Doorbraaktijd (min.)	Normen	
In het geval van een lange blootstelling of hoge concentraties	Nitril handschoenen	0,4	> 480	EN374-2, EN16523-1, EN388	
In het geval van een lange blootstelling of hoge concentraties	Butyl	0,7	> 480	EN374-2, EN16523-1, EN388, EN421	

Ogen:

Type	Normen	
Draag een veiligheidsbril met zijstukken	EN166	

RUBRIEK 9: FYSISCHE EN CHEMISCHE EIGENSCHAPPEN

9.1. Informatie over fysische en chemische basiseigenschappen

Fysische toestand:

Vloeibaar

Kleur:

Kleurloos

Geur / Geurdrempelwaarde (ppm):

Karakteristiek

pH:

2.5

Soortelijk gewicht (g/cm³):

1,1 (20 °C)

Kinematische viscositeit:

Geen gegevens beschikbaar.

Deeltjeskenmerken:

Niet van toepassing op vloeistoffen.

Toestandsverandering en damp

Smeltpunt/vriespunt (°C):

Geen gegevens beschikbaar.

Verwekingspunt/verwekingstraject (°C):

Niet van toepassing op vloeistoffen.

Kookpunt (°C):

100

Dampdruk:

Geen gegevens beschikbaar.

Relatieve dampdichtheid:

Geen gegevens beschikbaar.

Ontledingstemperatuur (°C):

Geen gegevens beschikbaar.

Data voor brand- en explosiegevaar

Vlampunt (°C):

Geen gegevens beschikbaar.

Ontvlambaarheid (°C):

Geen gegevens beschikbaar.

Zelfontbrandingstemperatuur (°C):

Geen gegevens beschikbaar.

Ontploffingsgrenzen (% v/v):

Geen gegevens beschikbaar.

Oplosbaarheid

Oplosbaarheid in water:

Volledig oplosbaar

n-octanol/water coëfficiënt (LogKow):

Geen gegevens beschikbaar.

Oplosbaarheid in vet (g/L):

Geen gegevens beschikbaar.

9.2. Overige informatie

Andere fysische en chemische parameters:

Geen gegevens beschikbaar.

Oxiderende eigenschappen:

Geen gegevens beschikbaar.

RUBRIEK 10: STABILITEIT EN REACTIVITEIT

10.1. Reactiviteit

Geen gegevens beschikbaar.

10.2. Chemische stabiliteit

Het product is stabiel onder de voorwaarden die genoemd zijn in de rubriek 7 "Hantering en opslag".

10.3. Mogelijke gevaarlijke reacties

Niet bekend.

10.4. Te vermijden omstandigheden

Niet bekend.

10.5. Chemisch op elkaar inwerkende materialen

Uitsluitend in de oorspronkelijke verpakking bewaren.

10.6. Gevaarlijke ontledingsproducten

Bij normale omstandigheden van opslag en gebruik, zouden gevaarlijke ontledingsproducten niet moeten worden geproduceerd.

RUBRIEK 11: TOXICOLOGISCHE INFORMATIE

11.1. Informatie over gevarenklassen als omschreven in Verordening (EG) nr. 1272/2008

Acute toxiciteit

Product / ingrediënt	waterstofperoxide
Soorten:	Rat
Blootstellingsroute:	Oraal
Test:	LD50
Resultaat:	1.193 - 1.270 mg/L

Product / ingrediënt	waterstofperoxide
Soorten:	Konijn
Blootstellingsroute:	Via de huid
Test:	LD50
Resultaat:	>2.000 (35% oplossing) mg/kg

Schadelijk bij inslikken.

Huidcorrosie/-irritatie

Product / ingrediënt	iT.34 laundry stainremover pro active oxygen
Resultaat:	Schadelijke effecten waargenomen (Irriterend)

Product / ingrediënt	waterstofperoxide
Resultaat:	Schadelijke effecten waargenomen (Irriterend)

Veroorzaakt huidirritatie.

Ernstig oogletsel/oogirritatie

Product / ingrediënt	iT.34 laundry stainremover pro active oxygen
Resultaat:	Schadelijke effecten waargenomen (Veroorzaakt ernstig oogletsel)

Product / ingrediënt	waterstofperoxide
Resultaat:	Schadelijke effecten waargenomen (Veroorzaakt ernstig oogletsel)

Veroorzaakt ernstig oogletsel.

Sensibilisatie van de luchtwegen

Product / ingrediënt	waterstofperoxide
Resultaat:	Geen schadelijke effecten waargenomen (niet sensibiliserend)

Gebaseerd op beschikbare gegevens; aan de indelingscriteria is niet voldaan.

Sensibilisatie van de huid

Gebaseerd op beschikbare gegevens; aan de indelingscriteria is niet voldaan.

Mutageniteit in geslachtscellen

Gebaseerd op beschikbare gegevens; aan de indelingscriteria is niet voldaan.

Kankerverwekkend

Product / ingrediënt	waterstofperoxide
Conclusie:	Geen schadelijke effecten waargenomen

Gebaseerd op beschikbare gegevens; aan de indelingscriteria is niet voldaan.

Giftigheid voor de voortplanting

Product / ingrediënt	waterstofperoxide
Conclusie:	Geen schadelijke effecten waargenomen

Gebaseerd op beschikbare gegevens; aan de indelingscriteria is niet voldaan.

STOT bij eenmalige blootstelling

Kan slaperigheid of duizeligheid veroorzaken.

STOT bij herhaalde blootstelling

Gebaseerd op beschikbare gegevens; aan de indelingscriteria is niet voldaan.

Gevaar bij inademing

Product / ingrediënt	waterstofperoxide
Gebaseerd op beschikbare gegevens; aan de indelingscriteria is niet voldaan.	

11.2. Informatie over andere gevaren

Effecten op lange termijn

Het product bevat stoffen die ernstig oogletsel veroorzaken. Contact met deze stoffen kan onomkeerbare effecten op het oog/ernstig oogletsel veroorzaken.

Hormoonontregelende eigenschappen

Dit mengsel/product bevat geen stoffen die worden beschouwd als het hebben van hormoonverstorende eigenschappen met betrekking tot de gezondheid.

Overige informatie

waterstofperoxide : De stof is geclassificeerd als groep 3 door IARC.

RUBRIEK 12: ECOLOGISCHE INFORMATIE

12.1. Toxiciteit

Product / ingrediënt	waterstofperoxide
Soorten:	Vis, Pimephales promelas
Duur:	96 uur
Test:	LC50

Conform Verordening (EG) nr. 1907/2006 (REACH), Bijlage II, zoals gewijzigd bij Verordening (EU) nr. 2020/878

Resultaat: 16,4 mg/L

Product / ingrediënt waterstofperoxide
Soorten: Vis, Leuciscus idus
Duur: 72 uur
Test: LC50
Resultaat: 35 mg/L

Product / ingrediënt waterstofperoxide
Soorten: Vis, Oncorhynchus mykiss
Duur: 7 dagen
Test: LC50
Resultaat: 38,5 mg/L

Product / ingrediënt waterstofperoxide
Soorten: Daphnia pulex
Duur: 48 uur
Test: EC50
Resultaat: 2,4 mg/L

Product / ingrediënt waterstofperoxide
Soorten: Daphnia magna
Duur: 24 uur
Test: EC50
Resultaat: 7,7 mg/L

Product / ingrediënt waterstofperoxide
Soorten: Skeletonema costatum
Duur: 72 uur
Test: EC50
Resultaat: 1,38 mg/L

Product / ingrediënt waterstofperoxide
Testmethode: OESO 209
Soorten: Bacterie
Milieucompartiment: Geactiveerde slibinstallatie
Duur: 30 minuten
Test: EC50
Resultaat: 466 mg/L

Product / ingrediënt waterstofperoxide
Testmethode: OESO 209
Soorten: Bacterie
Milieucompartiment: Geactiveerde slibinstallatie
Duur: 3 uur
Test: EC50
Resultaat: > 1.000 mg/L

Gebaseerd op beschikbare gegevens; aan de indelingscriteria is niet voldaan.

12.2. Persistentie en afbreekbaarheid

Product / ingrediënt waterstofperoxide
Conclusie: Gemakkelijk biologisch afbreekbaar

12.3. Bioaccumulatie

Product / ingrediënt waterstofperoxide
LogKow: -1,57

Conclusie: -

12.4. Mobiliteit in de bodem

Geen gegevens beschikbaar.

12.5. Resultaten van PBT- en zPzB-beoordeling

Dit mengsel/product bevat geen stoffen die aan de criteria voldoen om ze als PBT en/of zPzB te classificeren.

12.6. Hormoonontregelende eigenschappen

Product / ingrediënt iT.34 laundry stainremover pro active oxygen

Conclusie: Geen schadelijke effecten waargenomen

Dit mengsel/product bevat geen stoffen die worden beschouwd als het hebben van endocrien-verstorende eigenschappen met betrekking tot het milieu.

12.7. Andere schadelijke effecten

Niet bekend.

RUBRIEK 13: INSTRUCTIES VOOR VERWIJDERING

13.1. Afvalverwerkingsmethoden

Dit product valt onder de wetgeving inzake gevaarlijke afvalstoffen. (*)

HP 6 - Acute toxiciteit

HP 8 - Corrosief

Inhoud/verpakking afvoeren naar overeenkomstig de plaatselijke/regionale/nationale/internationale voorschriften. Verordening (EU) Nr. 1357/2014 van de Commissie van 18 december 2014 betreffende afvalstoffen.

Euralcode:

20 01 29* Detergenten die gevaarlijke stoffen bevatten

Verontreinigde emballage

Verpakking met restinhoud van het product wegwerken volgens dezelfde voorwaarden als het product.

RUBRIEK 14: INFORMATIE MET BETREKKING TOT HET VERVOER

	14.1 VN	14.2 Juiste ladingnaam van de VN	14.3 Transportgevaarenklasse(n)	14.4 PG*	14.5. Env**	Andere informatie :
ADR	UN2014	WATERSTOFFEROXIDE, OPLOSSING IN WATER, met ten minste 20 % en niet meer dan 60 % waterstofperoxide (zo nodig gestabiliseerd)	Klasse: 5.1 Etiketten: 5.1+8 Classificatiecode: OC1  	II	Nee	Gelimiteerde hoeveelheden: 1 L Code voor beperkingen in tunnels: (E) Zie hieronder voor meer informatie.
IMDG	UN2014	HYDROGEN PEROXIDE, AQUEOUS SOLUTION with not less than 20% but not more than 60% hydrogen peroxide (stabilized as necessary)	Klasse: 5.1 Etiketten: 5.1+8 Classificatiecode: OC1	II	Nee	Gelimiteerde hoeveelheden: 1 L EmS: F-H S-Q

	14.1 VN	14.2 Juiste ladingnaam van de VN	14.3 Transportgevaarenklasse(n)	14.4 PG*	14.5. Env**	Andere informatie :
			 			Zie hieronder voor meer informatie.
IATA	UN2014	HYDROGEN PEROXIDE, AQUEOUS SOLUTION with not less than 20% but not more than 60% hydrogen peroxide (stabilized as necessary)	Klasse: 5.1 Etiketten: 5.1+8 Classificatiecode: OC1  	II	Nee	Zie hieronder voor meer informatie.

* Verpakkingsgroep

** Milieugevaren

Overig

Het product valt onder de conventies voor gevaarlijke goederen.

ADR / Zie tabel A, rubriek 3.2.1, voor eventuele informatie over speciale bepalingen, voorschriften of waarschuwingen in verband met het vervoer. Zie rubriek 5.4.3, voor schriftelijke instructies betreffende het beperken van schade in verband met incidenten of ongevallen tijdens het vervoer.

IMDG / Zie rubriek 3.2.1, voor eventuele informatie over speciale bepalingen, voorschriften of waarschuwingen in verband met het vervoer.

IATA / Zie tabel 4.2, voor eventuele informatie over speciale bepalingen, voorschriften of waarschuwingen in verband met het vervoer.

14.6. Bijzondere voorzorgen voor de gebruiker

Niet van toepassing.

14.7. Zeevervoer in bulk overeenkomstig IMO-instrumenten

Geen gegevens beschikbaar.

RUBRIEK 15: REGELGEVING

15.1. Specifieke veiligheids-, gezondheids- en milieureglementen en -wetgeving voor de stof of het mengsel

Beperkingen bij gebruik:

Uitsluitend voor gebruik door professionele gebruiker.

Eisen t.o.v. speciale opleidingen:

Geen bijzondere eisen.

SEVESO - Gevarencategorieën / Gevaarlijke stoffen:

Niet van toepassing.

Verordening van precursoren voor explosieven:

waterstofperoxide (Bijlage I)

Etikettering van de inhoud in overeenstemming met detergentiaverordening EG nr. 648/2004:

≥ 30%

· Zuurstofbleekmiddelen

Overig:

Niet van toepassing.

Bronnen:

Richtlijn 94/33/EG van de Raad van 22 juni 1994 betreffende de bescherming van jongeren op het werk.

Verordening (EG) nr. 648/2004 van het Europees Parlement en de Raad van 31 maart 2004 betreffende detergentia.

Verordening (EU) Nr. 1357/2014 van de Commissie van 18 december 2014 betreffende afvalstoffen.

Verordening (EU) 2019/1148 van precursoren voor explosieven.

Verordening (EG) nr. 1272/2008 van het Europees Parlement en de Raad van 16 december 2008 betreffende de indeling, etikettering en verpakking van stoffen en mengsels (CLP).

Verordening (EG) nr. 1907/2006 van het Europees Parlement en de Raad van 18 december 2006 inzake de registratie en beoordeling van en de autorisatie en beperkingen ten aanzien van chemische stoffen (REACH).

15.2. Chemischeveiligheidsbeoordeling

Nee

RUBRIEK 16: OVERIGE INFORMATIE

De volledige tekst van de H-zinnen genoemd in rubriek 3

H271, Kan brand of ontploffingen veroorzaken; sterk oxiderend.

H302, Schadelijk bij inslikken.

H314, Veroorzaakt ernstige brandwonden en oogletsel.

H315, Veroorzaakt huidirritatie.

H318, Veroorzaakt ernstig oogletsel.

H319, Veroorzaakt ernstige oogirritatie.

H332, Schadelijk bij inademing.

H336, Kan slaperigheid of duizeligheid veroorzaken.

Afkortingen en acroniemen

ADN = Europese wetgeving met betrekking tot het vervoer van gevaarlijke goederen over binnewateren

ADR = Europese overeenkomst met betrekking tot het vervoer van gevaarlijke goederen over de weg

ATE = Acute toxiciteitsbeoordeling

BCF = Bioconcentratie Factor

CAS = Chemical Abstracts Service

CE = Conformité européenne

CLP = Indeling, etikettering en verpakking van stoffen en mengsels [Verordening (EG) No. 1272/2008]

CSA = Chemische Veiligheidsbeoordeling

CSR = rapporten over de chemische veiligheid (CSR - Chemical Safety Reports)

DNEL = De afgeleide dosis zonder effect

EAC = Europese Afval Catalogoog

EINECS = European INventory of Existing Commercial Substances

ES = blootstellingsscenario

EUH zin = CLP-specifieke gevaarszin

EuPCS = Europees productindelingssysteem

GHS = Globaal geharmoniseerd systeem voor indeling, kenmerking en etikettering van chemische stoffen en mengsels

GWP = Aardopwarmingsvermogen

IATA = Internationaal Lucht Transport Vereniging

IBC = Tussentijdse bulk container

IMDG = Internationaal Maritiem Transport voor Gevaarlijke goederen

LogPow = Logaritme van de octaan/water partitie coëfficiënt

MARPOL = Internationale conventie voor de preventie van vervuiling door schepen, 1973 en aangepast door het protocol van 1978. ("Marpol" = zee vervuiling)

OESO = Organisatie voor Economische Samenwerking en Ontwikkeling

PBT = Persistent, Bioaccumulatief en Toxisch

PNEC = Voorspelde geen effect concentratie

RID = Regelgeving met betrekking tot het vervoer van gevaarlijke goederen over het spoor

RRN = REACH registratie nummer

SCL = Specifieke concentratielimiet.

SVHC = Zeer zorgwekkende stoffen

STOT-RE = specifieke doelorgaantoxiciteit - herhaalde blootstelling

STOT-SE = specifieke doelorgaantoxiciteit - enkelvoudige blootstelling

TGG = Tijd gewogen gemiddelde

UVBC = Stoffen van onbekende of variabele samenstelling, complexe reactieproducten of biologische materialen.

VN = Verenigde Naties

VOS = Vluchtige Organische Stoffen

zPzB = zeer Persistent en zeer Bioaccumulatief

Overig

De indeling van het stof/mengsel ten aanzien van de gevaren voor de gezondheid in overeenstemming zijn met de berekeningsmethoden die door Verordening (EC) nr 1272/2008 (CLP).

Het veiligheidsinformatieblad is gevalideerd door

Quality & Compliance

Overig

Veranderingen ten opzichte van de vorige belangrijke revisie (eerste cijfer in de SDS-versie, zie rubriek 1) van dit veiligheidsinformatieblad zijn gemarkeerd met een driehoek.

De inlichtingen in dit veiligheidsinformatieblad gelden alleen voor het product genoemd in rubriek 1 en hoeven niet te gelden bij gebruik samen met andere producten.

Het is aan te bevelen dit veiligheidsinformatieblad af te geven aan de eigenlijke gebruiker van het product. De genoemde informatie dient niet als productspecificatie.

Land-taal: NL-nl

SIKKERHETSDATABLAD

iT.34 laundry stainremover pro active oxygen

AVSNITT 1: IDENTIFIKASJON AV STOFFET/STOFFBLANDINGEN OG AV SELSKAPET/FORETAKET

1.1. Produktidentifikator

Handelsnavn:

iT.34 laundry stainremover pro active oxygen

Unik Formular Identifikasjon (UFI):

KWY8-NP05-J88H-EC1G

1.2. Relevante identifiserte bruksområder for stoffet eller stoffblandingen og bruk som frarådes

Aktuelle identifiserte anvendelser for stoffet eller blandingen:

Vaske- og rengjøringsmidler (inkludert løsemiddelbasert)

Bare for yrkesbrukere.

Ikke tilrådte anvendelser:

Ingen kjente

1.3. Opplysninger om leverandøren av sikkerhetsdatabladet

Selskapsopplysninger:

Hygeniq B.V.

Postbus 618

7500 AP Enschede

The Netherlands

+31 53 4282860

+31 53 5393865

www.hygeniq.com

E-post:

info@hygeniq.com

Revidert:

15.08.2025

SDS Versjon:

1.0

1.4. Nødtelefonnummer

Nødsituasjon: Ring 113, be om giftinformasjonen. Åpent 24 timer i døgnet.

Giftinformasjonen på tlf.nr.: +47 22 59 13 00

Se avsnitt 4 om 'Førstehjelpstiltak'

AVSNITT 2: FAREIDENTIFIKASJON

Klassifisert i henhold til CLP-forskriften.

2.1. Klassifisering av stoffet eller stoffblandingen

Met. Corr. 1; H290, Kan være etsende for metaller.
Acute Tox. 4; H302, Farlig ved svelging.
Skin Irrit. 2; H315, Irriterer huden.
Eye Dam. 1; H318, Gir alvorlig øyeskade.
STOT SE 3; H336, Kan forårsake dødsighet eller svimmelhet.

2.2. Merkingselementer

Farepiktogram:



Varselord:

Fare

Faresetninger:

Kan være etsende for metaller. (H290)
Farlig ved svelging. (H302)
Irriterer huden. (H315)
Gir alvorlig øyeskade. (H318)
Kan forårsake dødsighet eller svimmelhet. (H336)

Sikkerhetssetning(er):

Generelt:

Ikke relevant.

Forebygging:

Vask hender og eksponert hud grundig etter bruk. (P264)
Benytt øyevern/vernehansker/verneklær. (P280)

Tiltak:

VED KONTAKT MED ØYNENE: Skyll forsiktig med vann i flere minutter. Fjern eventuelle kontaktlinser dersom dette enkelt lar seg gjøre. Fortsett skyllingen. (P305+P351+P338)
Absorber spill for å hindre materiell skade. (P390)

Oppbevaring:

Oppbevares i beholder med korrosjonsbestandig indre belegg. (P406)

Disponering:

Innhold/beholder leveres i samsvar med lokale bestemmelser (P501)

Inneholder:

hydrogenperoksidløsning ... %

Annen merkning:

UFI: KQY8-NP05-J88H-EC1G

Etikettering av innhold i overensstemmelse med produktforskriften (gjelder emballasje til vaskemidler som selges til allmennheten):

≥ 30%

· Oksygenbaserte blekemidler

2.3. Andre farer

Annet:

Blandingen/produktet inneholder ikke noen stoffer som oppfyller kriteriene som klassifiserer dem som PBT og/eller vPvB.

Produktet inneholder ingen stoffer som er vurdert til å være hormonforstyrrende i henhold til kriteriene i kommisjonens delegerede forordning (EU) 2017/2100 eller kommisjonsforordning (EU) 2023/707.

AVSNITT 3: SAMMENSETNING / OPPLYSNINGER OM BESTANDDELER

3.1. Stoffer

Ikke relevant. Dette produktet er en stoffblanding.

3.2. Stoffblandinger

Produkt/bestanddel	Identifikatorer	% w/w	Klassifisering	Anm.
hydrogenperoksidløsning ... %	CAS-nr.: 7722-84-1 EF-nr.: 231-765-0 REACH: 01-2119485845-22-XXXX Indeksnr.: 008-003-00-9	30-50%	Ox. Liq. 1, H271 Acute Tox. 4, H302 Skin Corr. 1A, H314 (SCL: 70,00 %) Skin Corr. 1B, H314 (SCL: 50,00 %) Skin Irrit. 2, H315 (SCL: 35,00 %) Eye Dam. 1, H318 (SCL: 8,00 %) Eye Irrit. 2, H319 (SCL: 5,00 %) Acute Tox. 4, H332 STOT SE 3, H336 (SCL: 35,00 %)	

Se avsnitt 16 for de fullstendige H-setningene det vises til ovenfor. Tiltaks- og grenseverdier, hvis tilgjengelig, er oppført i avsnitt 8.

Annenn informasjon

-

AVSNITT 4: FØRSTEHJELPSTILTAK

4.1. Beskrivelse av førstehjelpstiltak

Generelt:

Ved uhell: Kontakt lege eller legevakt - ta med etiketten eller dette sikkerhetsdatabladet.

Ved vedvarende symptomer eller ved tvil om den skaddes tilstand skal det søkes legehjelp. Gi aldri en bevisstløs person vann eller lignende.

Innånding:

Ved pustevansker eller irritasjon i luftveiene: Ta personen ut i frisk luft og hold personen under oppsyn.

Hudkontakt:

VED HUDKONTAKT: Vask med mye vann/såpe og vann.

Tilsølt tøy og sko fjernes. Hud som har vært i kontakt med materialet vaskes grundig med vann og såpe. Bruk IKKE løsemidler eller fortynnere.

Ved hudirritasjon: Søk legehjelp.

Øyekontakt:

Ved kontakt med øynene: Hold øyelokkene fra hverandre slik at vannet kommer godt til. Om man bruker kontaktlinser skal disse fjernes så raskt som mulig. Skyll straks øynene med rikelig vann (20-30 °C) til irritasjonen opphører, og minst i 30 minutter. Sørg for å skylle under øvre og nedre øyelokk. Oppsøk legevakt/sykehus straks. Fortsett skylling under transport.

Svelging:

VED SVELGING: Kontakt et GIFTINFORMASJONSSENTER/lege ved ubehag.

Skyll munnen.

Forbrenning:

Ikke relevant.

4.2. De viktigste symptomene og virkningene, både akutte og forsinkede

Produktet inneholder stoffer som gir alvorlig øyenskade. Kontakt med disse stoffene kan ha uhelbredelig effekt på øyet/gi alvorlige øyenskader.

4.3. Angivelse av om umiddelbar legehjelp og spesialbehandling er nødvendig

Ved eksponering eller mistanke om eksponering:

Søk legehjelp umiddelbart.

Merknader til lege

Ta med dette sikkerhetsdatabladet eller etiketten fra materialet.

AVSNITT 5: BRANNSLOKKINGSTILTAK

5.1. Slökkingsmidler

Ikke relevant.

5.2. Særlige farer knyttet til stoffet eller stoffblandingen

Brann vil utvikle tett røyk. Det kan utgjøre helsefare å bli utsatt for nedbrytningsprodukter. Lukkede beholdere som utsettes for ild, avkjøles med vann. La ikke vann fra brannsløkking renne ut i kloakk og vannløp.

5.3. Råd til brannmannskaper

Brannsløkningspersonell skal bruke egnet verneutstyr og selvforsynt åndedrettsvern med full ansiktsmaske.

AVSNITT 6: TILTAK VED UTILSIKTEDE UTSLIPP

6.1. Personlige forsiktighetsregler, personlig verneutstyr og nødrutiner

Unngå direkte kontakt med søl.

Sørg for egnet ventilasjon, spesielt i lukkede områder.

Unngå å innånde damp fra søl.

Områder med spill kan være glatte.

6.2. Forsiktighetsregler med hensyn til miljø

Unngå utledning til sjøer, bekker, kloakker mm.

Hold uvedkommende borte fra fareområdet.

6.3. Metoder og materialer for oppsamling og rensing

Utslipp begrenses og samles opp med brannfast, absorberende materiale som f.eks. sand, jord, vermikulitt eller kiselgur og has i en beholder for forskriftsmessig avfallshåndtering.

Rengjøring foretas så langt som det er mulig med rengjøringsmidler. Løsemidler bør unngås.

6.4. Henvisning til andre avsnitt

Se avsnitt 13 "Sluttbehandling" om håndtering av avfall.

Se avsnitt 8 "Eksponeringskontroll/personlig verneutstyr" for beskyttelsesforanstaltninger.

AVSNITT 7: HÅNTERING OG LAGRING

7.1. Forsiktighetsregler for sikker håndtering

Unngå direkte kontakt med produktet.

Røking, inntak av mat og drikke er ikke tillatt i arbeidsområdet.

Se avsnitt 8 'Eksponeringskontroll / personlig verneutstyr' for opplysning om personlig beskyttelse.

7.2. Vilkår for sikker lagring, herunder eventuelle uforenligheter

Åpnede beholdere må lukkes forsvarlig og oppbevares stående for å unngå lekkasje.

Oppbevares i beholder med korrosjonsbestandig indre belegg.

Egnet emballasje:

Oppbevares bare i originalemballasjen.

Oppbevaringsbetingelser:

Tørt, kjølig og godt ventilert

Uforenlige materialer:

Oppbevares bare i originalemballasjen.

7.3. Særlig(e) sluttanvendelse(r)

Dette produktet bør bare brukes til formål som beskrevet i avsnitt 1.2.

AVSNITT 8: EKSPONERINGSKONTROLL / PERSONLIG VERNEUTSTYR

8.1. Kontrollparametrer

hydrogenperoksidløsning ... %

Grenseverdi (8 timer) (mg/m³): 1,4

Grenseverdi (8 timer) (ppm): 1

Forskrift om tiltaksverdier og grenseverdier for fysiske og kjemiske faktorer i arbeidsmiljøet samt smitterisikogrupper for biologiske faktorer (forskrift om tiltaks- og grenseverdier). FOR-2011-12-06-1358. Sist endret: FOR-2024-04-05-581.

DNEL

hydrogenperoksidløsning ... %

Varighet:	Opptaksvei:	DNEL:
Kortsiktig – Lokaleffekter - Arbeidere	Innånding	3 mg/m ³
Kortsiktig – Lokaleffekter - Befolkningen generelt	Innånding	1.93 mg/m ³
Langsiktig – Lokaleffekter - Arbeidere	Innånding	1.4 mg/m ³
Langsiktig – Lokaleffekter - Befolkningen generelt	Innånding	0,21 mg/m ³
Langsiktig – Lokaleffekter - Befolkningen generelt	Innånding	210 µg/m ³

PNEC

hydrogenperoksidløsning ... %

Opptaksvei:	Eksposeringens varighet:	PNEC:
Ferskvann		0,0126 mg/L
Ferskvann		12.6 µg/L
Ferskvannssediment		0,047 mg/kg
Ferskvannssediment		47 µg/kg
Havann		0,047 mg/L
Havann		12.6 µg/L
Havannssediment		0,047 mg/L
Havannssediment		47 µg/kg
Jord		0,023 mg/kg
Jord		1.9 µg/kg
Periodisk utslipp (ferskvann)		13.8 µg/L
Renseanlegg		466 mg/L

8.2. Eksposeringskontroll

Det bør kontrolleres regelmessig at de angitte grenseverdiene overholdes.

Generelt:

Røking, inntak av mat og drikke er ikke tillatt i arbeidsområdet.

Eksponeringsscenarioer:

Ingen eksponeringsscenarioer er implementert for dette produktet.

Eksponeringsgrenser:

Bedriftsrelaterte brukere er omfattet av arbeidsmiljølovgivningens regler om maksimumkonsentrasjoner for eksponering. Se arbeidshygieniske grenseverdier ovenfor.

Tekniske tiltak:

Dannelsen av damp må holdes på et minimum og under den gjeldende grenseverdien (se over). Det anbefales å installere et lokalt utluftingssystem dersom den vanlige luftstrømmen i arbeidsrommet ikke er tilstrekkelig. Sørg for at øyevask og dusj for nødsituasjoner er godt merket.

Sørg for at øyeskyllestasjoner og sikkerhetsdusjer er plassert innen rekkevidde.

Følg standard forholdsregler ved bruk av produktet. Unngå inhalering av damp.

Hygieniske tiltak:

Tilsølte klær må fjernes og vaskes før bruk.

Begrensning av eksponering av miljøet:

Ingen spesielle krav.

Individuelle vernetiltak

Generelt:

Benytt utelukkende CE-merket verneutstyr.

Åndedrettsvern:

Arbeidssituasjon	Type	Klasse	Farge	Standarder	
Når det er fare for dannelse av tåke/aerosol	Helmasker			EN136	

Kroppsværn:

Anbefalt	Type/Kategori	Standarder	
Spesialarbeidstøy bør anvendes	-	-	

Håndvern:

Arbeidssituasjon	Materiale	Hanskeykkelse (mm)	Gjennomtrengningstid (min.)	Standarder	
Ved langvarig eksponering eller høye konsentrasjoner	Nitril	0,4	> 480	EN374-2, EN16523-1, EN388	
Ved langvarig eksponering eller høye konsentrasjoner	Butyl	0,7	> 480	EN374-2, EN16523-1, EN388, EN421	

Øyevern:

Type	Standarder	
Bruk beskyttelsesbriller med sideskjold.	EN166	

AVSNITT 9: FYSISKE OG KJEMISKE EGENSKAPER

9.1. Opplysninger om grunnleggende fysiske og kjemiske egenskaper

Tilstandsform:

Væske

Farge:

Fargeløs

Lukt / Luktterskel (ppm):

Karakteristisk

pH:

2.5

Tetthet (g/cm³):

1,1 (20 °C)

Kinematisk viskositet:

Ingen data tilgjengelige.

Partikkelegenskaper:

Ikke relevant - produktet er en væske

Tilstandsending og damptrykk

Smeltepunkt/Frysepunkt (°C):

Ingen data tilgjengelige.

Bløtgjøringspunkt / -område (°C):

Ikke relevant - produktet er en væske

Kokepunkt (°C):

100

Damptrykk:

Ingen data tilgjengelige.

Relativ damptetthet:

Ingen data tilgjengelige.

Spaltingstemperatur (°C):

Ingen data tilgjengelige.

Data for brann- og eksplosjonsfarer

Flammepunkt (°C):

Ingen data tilgjengelige.

Antennelighet (°C):

Ingen data tilgjengelige.

Selvantennelsestemperatur (°C):

Ingen data tilgjengelige.

Nedre og øvre eksplosjonsgrense (% v/v):

Ingen data tilgjengelige.

Løselighet

Løselighet i vann:

Fullt oppløselig

Fordelingskoeffisient (n-octanol/vann) (LogKow):

Ingen data tilgjengelige.

Løselighet i fett (g/L):

Ingen data tilgjengelige.

9.2. Andre opplysninger

Andre fysiske og kjemiske parametere:

Ingen data tilgjengelige.

Oksiderende egenskaper:

Ingen data tilgjengelige.

AVSNITT 10: STABILITET OG REAKTIVITET

10.1. Reaktivitet

Ingen data tilgjengelige.

10.2. Kjemisk stabilitet

Produktet er stabilt under de betingelsene som er angitt i avsnitt 7 om "Håndtering og lagring".

10.3. Risiko for farlige reaksjoner

Ingen kjente

10.4. Forhold som skal unngås

Ingen kjente

10.5. Uforenlige materialer

Oppbevares bare i originalemballasjen.

10.6. Farlige nedbrytningsprodukter

Under normale oppbevarings- og bruksforhold skal det ikke kunne dannes farlige nedbrytningsprodukter.

AVSNITT 11: TOKSIKOLOGISKE OPPLYSNINGER

11.1. Opplysninger om fareklasser som definert i forordning (EF) nr. 1272/2008

Akutt giftighet

Produkt/bestanddel	hydrogenperoksidløsning ... %
Art:	Rotte
Opptaksvei:	Oral
Test:	LD50
Resultat:	1.193 - 1.270 mg/L

Produkt/bestanddel	hydrogenperoksidløsning ... %
Art:	Kanin
Opptaksvei:	Dermal
Test:	LD50
Resultat:	>2.000 (35% oppløsning) mg/kg

Farlig ved svelging.

Hudetsing/hudirritasjon

Produkt/bestanddel	iT.34 laundry stainremover pro active oxygen
Resultat:	Negative effekter observert (Irritasjon)

Produkt/bestanddel	hydrogenperoksidløsning ... %
Resultat:	Negative effekter observert (Irritasjon)

Irriterer huden.

Alvorlig øyeskade/øyeirritasjon

Produkt/bestanddel	iT.34 laundry stainremover pro active oxygen
Resultat:	Negative effekter observert (Gir alvorlig øyeskade)

Produkt/bestanddel	hydrogenperoksidløsning ... %
Resultat:	Negative effekter observert (Gir alvorlig øyeskade)

Gir alvorlig øyeskade.

Sensibilisering ved innånding

Produkt/bestanddel	hydrogenperoksidløsning ... %
Resultat:	Ingen negative effekter observert (ikke sensibiliserende)

Basert på tilgjengelige data er klassifiseringskriteriene ikke oppfylt.

Sensibilisering ved hudkontakt

Basert på tilgjengelige data er klassifiseringskriteriene ikke oppfylt.

Arvestoffskadelig virkning på kjønnseller

Basert på tilgjengelige data er klassifiseringskriteriene ikke oppfylt.

Kreftframkallende egenskaper

Produkt/bestanddel	hydrogenperoksidløsning ... %
Konklusjon:	Ingen negative effekter observert

Basert på tilgjengelige data er klassifiseringskriteriene ikke oppfylt.

Reproduksjonstoksisitet

Produkt/bestanddel	hydrogenperoksidløsning ... %
Konklusjon:	Ingen negative effekter observert

Basert på tilgjengelige data er klassifiseringskriteriene ikke oppfylt.

STOT, enkelteksponering

Kan forårsake døsighet eller svimmelhet.

STOT, gjentatt eksponering

Basert på tilgjengelige data er klassifiseringskriteriene ikke oppfylt.

Aspirasjonsfare

Produkt/bestanddel	hydrogenperoksidløsning ... %

Basert på tilgjengelige data er klassifiseringskriteriene ikke oppfylt.

11.2. Opplysninger om andre farer

Langsiktige virkninger

Produktet inneholder stoffer som gir alvorlig øyenskade. Kontakt med disse stoffene kan ha uhelbredelig effekt på øyet/gi alvorlige øyenskader.

Hormonforstyrrende egenskaper

Blandingen/produktet inneholder ingen stoffer som anses å ha hormonforstyrrende egenskaper som kan påvirke helsen.

Andre opplysninger

hydrogenperoksidløsning ... %: Dette stoffet har blitt klassifisert som kreftfremkallende i gruppe 3 av IARC.

AVSNITT 12: ØKOLOGISKE OPPLYSNINGER

12.1. Giftighet

Produkt/bestanddel	hydrogenperoksidløsning ... %
Art:	Fisk, Pimephales promelas
Varighet:	96 timer
Test:	LC50

I henhold til forordning (EF) nr. 1907/2006(REACH), vedlegg II med endringer, Forordning (EU)2020/878

Resultat: 16,4 mg/L

Produkt/bestanddel hydrogenperoksidløsning ... %
Art: Fisk, Leuciscus idus
Varighet: 72 timer
Test: LC50
Resultat: 35 mg/L

Produkt/bestanddel hydrogenperoksidløsning ... %
Art: Fisk, Oncorhynchus mykiss
Varighet: 7 dager
Test: LC50
Resultat: 38,5 mg/L

Produkt/bestanddel hydrogenperoksidløsning ... %
Art: Daphnia pulex
Varighet: 48 timer
Test: EC50
Resultat: 2,4 mg/L

Produkt/bestanddel hydrogenperoksidløsning ... %
Art: Daphnia magna
Varighet: 24 timer
Test: EC50
Resultat: 7,7 mg/L

Produkt/bestanddel hydrogenperoksidløsning ... %
Art: Skeletonema costatum
Varighet: 72 timer
Test: EC50
Resultat: 1,38 mg/L

Produkt/bestanddel hydrogenperoksidløsning ... %
Testmetode: OECD 209
Art: Bakterie
Miljø: Aktivert slamanlegg
Varighet: 30 minutes
Test: EC50
Resultat: 466 mg/L

Produkt/bestanddel hydrogenperoksidløsning ... %
Testmetode: OECD 209
Art: Bakterie
Miljø: Aktivert slamanlegg
Varighet: 3 timer
Test: EC50
Resultat: > 1.000 mg/L

Basert på tilgjengelige data er klassifiseringskriteriene ikke oppfylt.

12.2. Persistens og nedbrytbarhet

Produkt/bestanddel hydrogenperoksidløsning ... %
Konklusjon: God biologisk nedbrytbarhet

12.3. Bioakkumuleringsevne

Produkt/bestanddel hydrogenperoksidløsning ... %
LogKow: -1,57

Konklusjon: -

12.4. Mobilitet i jord

Ingen data tilgjengelige.

12.5. Resultater av PBT- og vPvB-vurdering

Blandingen/produktet inneholder ikke noen stoffer som oppfyller kriteriene som klassifiserer dem som PBT og/eller vPvB.

12.6. Hormonforstyrrende egenskaper

Produkt/bestanddel iT.34 laundry stainremover pro active oxygen

Konklusjon: Ingen negative effekter observert

Blandingen/produktet inneholder ingen stoffer som anses å ha hormonforstyrrende egenskaper som kan påvirke miljøet.

12.7. Andre skadevirkninger

Ingen kjente

AVSNITT 13: SLUTTBEHANDLING

13.1. Avfallsbehandlingsmetoder

Dette produktet er omfattet av regelverket om farlig avfall. (*)

HP 6 Akutt forgiftning

HP 8 Etsende

Innhold/beholder leveres til godkjent avfallsanlegg.

Fraråde tømming i avløp.

Forskrift 1. juni 2004 nr. 930 om gjenvinning og behandling av avfall (avfallsforskriften).

Avfallskode EAL:

20 01 29* Rengjøringsmidler som inneholder farlige stoffer

Forurenset emballasje

Emballasje med restinnhold av produktet skal avhendes etter samme bestemmelser som produktet.

AVSNITT 14: TRANSPORTOPPLYSNINGER

	14.1 FN- eller ID-nummer	14.2 FN-forsendelsesnavn	14.3 Transportfareklasse(r)	14.4 Emballasje- grupp e	14.5 Miljøfa- rer	Annen informas- jon:
ADR	UN2014	HYDROGENPEROKSID, VANNLØSNING	Klasse: 5.1 Faresedler: 5.1+8 Klassifiseringskoder: OC1  	II	Nei	Begrense de mengder: 1 L Tunnel restriksjo nskoder: (E) Se mer informasj on under.
IMDG	UN2014	HYDROGEN PEROXIDE, AQUEOUS SOLUTION with not less than 20% but	Klasse: 5.1 Faresedler: 5.1+8 Klassifiseringskoder: OC1	II	Nei	Begrense de mengder:

	14.1 FN- eller ID-nummer	14.2 FN-forsendelsesnavn	14.3 Transportfareklasse(r)	14.4 Emballasje- grupp e	14.5 Miljøfa rer	Annen informas jon:
		not more than 60% hydrogen peroxide (stabilized as necessary)	 			1 L EmS: F-H S-Q Se mer informasjon under.
IATA	UN2014	HYDROGEN PEROXIDE, AQUEOUS SOLUTION with not less than 20% but not more than 60% hydrogen peroxide (stabilized as necessary)	Klasse: 5.1 Faresedler: 5.1+8 Klassifiseringskoder: OC1  	II	Nei	Se mer informasjon under.

Annen informasjon

Produktet er omfattet av konvensjonene om farlig gods.

ADR / See Tabell A, punkt 3.2.1 for eventuell informasjon om spesielle bestemmelser, krav eller advarsler i forbindelse med transport. Se punkt 5.4.3, for skriftlige instruksjoner om tapsbegrensning ved hendelser eller ulykker under transport.

IMGD / See punkt 3.2.1 for eventuell informasjon om spesielle bestemmelser, krav eller advarsler i forbindelse med transport.

IATA / See Tabell 4.2 for eventuell informasjon om spesielle bestemmelser, krav eller advarsler i forbindelse med transport.

14.6. Særlige forsiktighetsregler ved bruk

Ikke relevant.

14.7. Sjøtransport i bulk i henhold til IMO-instrumenter

Ingen data tilgjengelige.

AVSNITT 15: OPPLYSNINGER OM REGELVERK

15.1. Særlige bestemmelser / særskilt lovgivning om sikkerhet, helse og miljø for stoffet eller stoffblandingen

Anvendelsesbegrensninger:

Bare for yrkesbrukere.

Produktet må ikke brukes profesjonelt av personer under 18 år.

Krav om særlig utdanning:

Ingen spesielle krav.

SEVESO - Farekategorier / spesifiserte farlige kjemikalier:

Ikke relevant.

Forskrift om håndtering av utgangsstoffer for eksplosiver:

hydrogenperoksidløsning ... % (Tillegg I)

Etikettering av innhold i overensstemmelse med produktforskriften:

≥ 30%

· Oksygenbaserte blekemidler

Deklarering av kjemikalier:

Produktet er registreringspliktig i produktregisteret, fordi det inneholder utgangsstoffer for eksplosiver.

Annen informasjon:

Ikke relevant.

Kilder:

Lov 17. juni 2005 nr. 62 om arbeidsmiljø, arbeidstid og stillingsvern mv. (arbeidsmiljøloven, kapittel 11. arbeid av barn og ungdom).
EUROPAPARLAMENTS- OG RÅDSFORORDNING (EF) nr. 648/2004 av 31. mars 2004 om vaske- og rengjøringsmidler
Forskrift 1. juni 2004 nr. 930 om gjenvinning og behandling av avfall (avfallsforskriften).
Forskrift 2. mai 2015 nr. 588 om håndtering av utgangsstoffer for eksplosiver.
Forskrift 19. mai 2015 nr. 541 om deklareringsregisteret (deklareringsforskriften).
Forskrift 16. juni 2012 nr. 622 om klassifisering, merking og emballering av stoffer og stoffblandinger (CLP-forskriften).
Forskrift 30. mai 2008 nr. 516 om registrering, vurdering, godkjenning og begrensning av kjemikalier (REACH-forskriften).

15.2. Vurdering av kjemikaliesikkerhet

Nei

AVSNITT 16: ANDRE OPPLYSNINGER

Fullstendig tekst for H-setninger som det refereres til i avsnitt 3

H271, Kan forårsake brann eller eksplosjon; sterkt oksiderende.
H302, Farlig ved svelging.
H314, Gir alvorlige etseskader på hud og øyne.
H315, Irriterer huden.
H318, Gir alvorlig øyeskade.
H319, Gir alvorlig øyeirritasjon.
H332, Farlig ved innånding.
H336, Kan forårsake døsighet eller svimmelhet.

Forkortelser og akronymer

ADN/ADNR = Europeisk avtale om internasjonal transport av farlig gods på innenlands vannveier
ADR = Forskrift 1. april 2009 om landtransport av farlig gods
ATE = Akutt toksisitets estimat
BCF = Biokonsentrasjons faktor
CAS = Chemical Abstracts Service
CE = Conformité Européenne
CLP = Klassifisering, merking og innpakning
CSA = Kjemisk sikkerhetsvurdering
CSR = Kjemisk sikkerhetsrapport
DMEL = Oppnådd minimalt effekt nivå
DNEL = Oppnådd ingen effekt nivå
EINECS = Fortegnelse over eksisterende kommersielle kjemiske substanser
ES = Eksponeringsscenario
EUH statement = CLP-spesifikk fareerklæring
EuPCS = Europeisk produktkategoriseringssystem
EWC = Europeisk Avfallskatalog
GHS = Globalt Harmonisert System for Klassifisering og Merking av Kjemikalier
GWP = Potensial for global oppvarming
IATA/ICAO = Internasjonal lufttransport Forening
IBC = Middels Bulk Kontainer
IMDG = Internasjonal Maritim Farlig Gods
LogPow = Logaritmen til fordelingskoeffisienten for oktanol / vann
MARPOL 73/78 = Den Internasjonale Konvensjonen til Forhindring av Marin Forurensning fra Skip, 1973, modifisert i 1978
OECD = Organisasjonen for økonomisk samarbeid og utvikling

PBT = Persistent, Bioakkumulerbar og Giftig
PNEC = Forutsatt ingen effekt konsentrasjon
RID = Forskrift 1. april 2009 om landtransport av farlig gods
RRN = REACH registrerings nummer
SCL = Spesifikk konsentrasjonsgrense.
SVHC = Stoffer med meget høy viktighet
STOT-RE = Giftig mot spesifikt målorgan - Gjentatt eksponering
STOT-SE = Giftig mot spesifikt målorgan - Enkel eksponering
TWA = Tidsvektet gjennomsnittlig
UN = Forenede Nasjoner
UVBC = Ukjent eller variabel sammensetning, komplekse reaksjonsprodukter eller biologiske materialer.
VOC = Flyktig organisk forbindelse
vPvB = Meget persistente og meget bioakkumulerende

Annen informasjon

Klassifiseringen av blandingen når det gjelder helsefarer er i samsvar med beregningsmetodene som er beskrevet i CLP-forskriften.

Sikkerhetsdatablad er validert av

Quality & Compliance

Annet

Endringer i forhold til siste vesentlige revisjon (første siffer i SDS-versjon, se avsnitt 1) av dette sikkerhetsdatablad er markert med en trekant.

Opplysningene i dette sikkerhetsdatabladet gjelder kun produktet nevnt i avsnitt 1 og er ikke nødvendigvis gjeldende ved bruk sammen med andre produkter.

Det anbefales å utlevere dette sikkerhetsdatabladet til den faktiske bruker av produktet. Den nevnte informasjonen kan ikke brukes som produktspesifikasjon.

Land-språk: NO-nb

SAFETY DATA SHEET

iT.34 laundry stainremover pro active oxygen

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

Product identifier

Trade name:

iT.34 laundry stainremover pro active oxygen

Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses of the substance or mixture:

Washing and cleaning products (including solvent based products)

Restricted to professional users.

Uses advised against :

None known.

Details of the supplier of the safety data sheet

Company and address:

Hygeniq B.V.

Postbus 618

7500 AP Enschede

The Netherlands

+31 53 4282860

+31 53 5393865

www.hygeniq.com

E-mail:

info@hygeniq.com

SDS date:

15/08/2025

SDS Version:

1.0

Emergency telephone number

National Poisons Centre: 0800 764 766 (24 hour service)

See also section 4 "First aid measures"

SECTION 2: HAZARDS IDENTIFICATION

Classified according to the Hazardous Substances (Hazard Classification) Notice.

Classification of the substance or mixture

Met. Corr. 1; H290, May be corrosive to metals.

Acute Tox. 4; H302, Harmful if swallowed.

Skin Irrit. 2; H315, Causes skin irritation.

Eye Dam. 1; H318, Causes serious eye damage.

STOT SE 3; H336, May cause drowsiness or dizziness.

Label elements

Hazard pictogram(s):



Signal word:

Danger

Hazard statement(s):

May be corrosive to metals. (H290)

Harmful if swallowed. (H302)

Causes skin irritation. (H315)

Causes serious eye damage. (H318)

May cause drowsiness or dizziness. (H336)

Precautionary statement(s):

General:

Not applicable.

Prevention:

Wash hands and exposed skin thoroughly after handling. (P264)

Wear eye protection/protective gloves/protective clothing. (P280)

Response:

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

Continue rinsing. (P305+P351+P338)

Absorb spillage to prevent material damage. (P390)

Storage:

Store in a container with a resistant inner liner. (P406)

Disposal:

Dispose of contents/container in accordance with local regulation.
(P501)

Hazardous substances:

hydrogen peroxide

Additional labelling:

Not applicable.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Substances

Not applicable. This product is a mixture.

Mixtures

Product/substance	Identifiers	% w/w	Classification	Note
hydrogen peroxide	CAS No.: 7722-84-1 EC No.: 231-765-0	30-50%	Ox. Liq. 1, H271 Acute Tox. 4, H302 Skin Corr. 1A, H314 (SCL: 70.00 %) Skin Corr. 1B, H314 (SCL: 50.00 %) Skin Irrit. 2, H315 (SCL: 35.00 %) Eye Dam. 1, H318 (SCL: 8.00 %) Eye Irrit. 2, H319 (SCL: 5.00 %)	

		Acute Tox. 4, H332 STOT SE 3, H336 (SCL: 35.00 %)	

See full text of H-phrases in section 16. Occupational exposure limits are listed in section 8, if these are available.

Other information

SECTION 4: FIRST AID MEASURES

Description of first aid measures

General information:

In the case of accident: Contact a doctor or casualty department – bring the label or this safety data sheet.
Contact a doctor if in doubt about the injured person's condition or if the symptoms persist. Never give an unconscious person water or other drink.

Inhalation:

Upon breathing difficulties or irritation of the respiratory tract: Bring the person into fresh air and stay with him/her.

Skin contact:

IF ON SKIN: Wash with plenty of water/water and soap.
Remove contaminated clothing and shoes. Ensure to wash exposed skin thoroughly with water and soap. DO NOT use solvents or thinners.
If skin irritation occurs: Get medical advice/attention.

Eye contact:

If in eyes: Flush eyes with plenty of water or salt water (20-30 °C) for at least 30 minutes and continue until irritation stops. Remove contact lenses. Make sure you flush under the upper and lower eyelids. Seek medical assistance immediately and continue flushing during transport.

Ingestion:

IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.
Rinse mouth.

Burns:

Not applicable.

Most important symptoms and effects, both acute and delayed

The product contains substances that cause serious eye damage. Contact with these substances can cause irreversible effects on the eye / serious eye damage.

Indication of any immediate medical attention and special treatment needed

IF exposed or concerned:
Get immediate medical advice/attention.

Information to medic

Bring this safety data sheet or the label from this product.

SECTION 5: FIREFIGHTING MEASURES

Extinguishing media

Not applicable.

Special hazards arising from the substance or mixture

Fire will result in dense smoke. Exposure to combustion products may harm your health. Closed containers, which are exposed to fire, should be cooled with water. Do not allow fire-extinguishing water to enter the sewage system and nearby surface waters.

Advice for firefighters

Wear self-contained breathing apparatus and protective clothing to prevent contact. Upon direct exposure contact the National Poisons Centre: 0800 764 766 (24 hour service) in order to obtain further advice.
Hazchem Code: 2P

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Avoid direct contact with spilled substances.
Ensure adequate ventilation, especially in confined areas.
Avoid inhalation of vapours from spilled material.
Contaminated areas may be slippery.

Environmental precautions

Avoid discharge to lakes, streams, sewers, etc.
Keep unauthorized persons away from the spill

Methods and material for containment and cleaning up

Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations.
Wherever possible cleaning should be performed with normal cleaning agents. Avoid use of solvents.

Reference to other sections

See section 13 "Disposal considerations" on handling of waste.
See section 8 "Exposure controls/personal protection" for protective measures.

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling

Avoid direct contact with the product.
Smoking, drinking and consumption of food is not allowed in the work area.
See section 8 "Exposure controls/personal protection" for information on personal protection.

Conditions for safe storage, including any incompatibilities

Containers that have been opened must be carefully resealed and kept upright to prevent leakage.
Store in a container with a resistant inner liner.

Recommended storage material:

Keep only in original packaging.

Storage conditions:

Dry, cool and well ventilated

Incompatible materials:

Keep only in original packaging.

Specific end use(s)

This product should only be used for applications quoted in section 1.2.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

hydrogen peroxide

Long term exposure limit (8 hours) (ppm): 1
Long term exposure limit (8 hours) (mg/m³): 1.4

Workplace exposure standards and biological exposure indices. Edition 14, November 2023.

Exposure controls

Compliance with the given occupational exposure limits values should be controlled on a regular basis.

General recommendations:

Smoking, drinking and consumption of food is not allowed in the work area.

Exposure scenarios:

There are no exposure scenarios implemented for this product.

Exposure limits:

Professional users are subjected to the legally set maximum concentrations for occupational exposure. See occupational hygiene limit values above.

Appropriate technical measures:

The formation of vapours must be kept at a minimum and below current limit values (see above). Installation of a local exhaust system if normal air flow in the work room is not sufficient is recommended. Ensure eyewash and emergency showers are clearly marked.

Ensure that eyewash stations and safety showers are located within easy reach.

Apply standard precautions during use of the product. Avoid inhalation of vapours.

Hygiene measures:

Take off contaminated clothing and wash it before reuse.

Measures to avoid environmental exposure:

No specific requirements.

Individual protection measures, such as personal protective equipment

Generally:

Use only protective equipment that have been approved by IANZ or NATA, or a laboratory accredited under a recognised Mutual Recognition Arrangement.

Respiratory Equipment:

Work situation	Type	Class	Colour	Standards	
When there is risk of formation of mist/aerosol	Full mask			EN136	

Skin protection:

Recommended	Type/Category	Standards	
Dedicated work clothing should be worn.	-	-	

Hand protection:

Work situation	Material	Glove thickness (mm)	Breakthrough time (min.)	Standards	
In the event of prolonged exposure or high concentrations	Nitrile	0.4	> 480	EN374-2, EN16523-1, EN388	

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Work situation	Material	Glove thickness (mm)	Breakthrough time (min.)	Standards	
In the event of prolonged exposure or high concentrations	Butyl	0,7	> 480	EN374-2, EN16523-1, EN388, EN421	

Eye protection:

Type	Standards	
Safety glasses with side shields.	EN166	

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Form:

Liquid

Colour:

Colourless

Odour:

Characteristic

Odour threshold (ppm):

No data available.

pH:

2.5

Density (g/cm³):

1.1 (20 °C)

Kinematic viscosity:

No data available.

Phase changes

Melting point/Freezing point (°C):

No data available.

Softening point/range (°C):

Does not apply to liquids.

Boiling point (°C):

100

Vapour pressure:

No data available.

Relative vapour density:

No data available.

Decomposition temperature (°C):

No data available.

Evaporation rate (n-butylacetate = 100):

Data on fire and explosion hazards

Flash point (°C):

No data available.

Flammability (°C):

No data available.

Auto-ignition temperature (°C):

No data available.

Explosion limits (% v/v):

No data available.

Solubility

Solubility in water:

Completely soluble

n-octanol/water coefficient (LogKow):

No data available.

Solubility in fat (g/L):

No data available.

Other information

Other physical and chemical parameters:

No data available.

Oxidizing properties:

No data available.

SECTION 10: STABILITY AND REACTIVITY

Reactivity

No data available.

Chemical stability

The product is stable under the conditions, noted in section 7 "Handling and storage".

Possibility of hazardous reactions

None known.

Conditions to avoid

None known.

Incompatible materials

Keep only in original packaging.

Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: TOXICOLOGICAL INFORMATION

Information on toxicological effects

Acute toxicity

Product/substance	hydrogen peroxide
Species:	Rat
Route of exposure:	Oral
Test:	LD50
Result:	1.193 - 1.270 mg/L

Product/substance	hydrogen peroxide

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Species: Rabbit
Route of exposure: Dermal
Test: LD50
Result: >2.000 (35% oplossing) mg/kg

Harmful if swallowed.

Skin corrosion/irritation

Product/substance iT.34 laundry stainremover pro active oxygen
Result: Adverse effect observed (Irritating)

Product/substance hydrogen peroxide
Result: Adverse effect observed (Irritating)

Causes skin irritation.

Serious eye damage/irritation

Product/substance iT.34 laundry stainremover pro active oxygen
Result: Adverse effect observed (Causes serious eye damage)

Product/substance hydrogen peroxide
Result: Adverse effect observed (Causes serious eye damage)

Causes serious eye damage.

Respiratory sensitisation

Product/substance hydrogen peroxide
Result: No adverse effect observed (not sensitising)

Based on available data, the classification criteria are not met.

Skin sensitisation

Based on available data, the classification criteria are not met.

Germ cell mutagenicity

Based on available data, the classification criteria are not met.

Carcinogenicity

Product/substance hydrogen peroxide
Conclusion: No adverse effect observed

Based on available data, the classification criteria are not met.
hydrogen peroxide has been classified by IARC as a group 3 carcinogen.

Reproductive toxicity

Product/substance hydrogen peroxide
Conclusion: No adverse effect observed

Based on available data, the classification criteria are not met.

STOT-single exposure

May cause drowsiness or dizziness.

STOT-repeated exposure

Based on available data, the classification criteria are not met.

Aspiration hazard

Product/substance hydrogen peroxide
Based on available data, the classification criteria are not met.

Long term effects

The product contains substances that cause serious eye damage. Contact with these substances can cause irreversible effects on the eye / serious eye damage.

SECTION 12: ECOLOGICAL INFORMATION

Toxicity

Product/substance: hydrogen peroxide
Species: Fish, Pimephales promelas
Duration: 96 hours
Test: LC50
Result: 16,4 mg/L

Product/substance: hydrogen peroxide
Species: Fish, Leuciscus idus
Duration: 72 hours
Test: LC50
Result: 35 mg/L

Product/substance: hydrogen peroxide
Species: Fish, Oncorhynchus mykiss
Duration: 7 days
Test: LC50
Result: 38,5 mg/L

Product/substance: hydrogen peroxide
Species: Daphnia pulex
Duration: 48 hours
Test: EC50
Result: 2,4 mg/L

Product/substance: hydrogen peroxide
Species: Daphnia magna
Duration: 24 hours
Test: EC50
Result: 7,7 mg/L

Product/substance: hydrogen peroxide
Species: Skeletonema costatum
Duration: 72 hours
Test: EC50
Result: 1,38 mg/L

Product/substance: hydrogen peroxide
Test method: OECD 209
Species: Bacteria
Compartment: Activated Sludge Plant
Duration: 30 minutes
Test: EC50
Result: 466 mg/L

Product/substance: hydrogen peroxide
Test method: OECD 209
Species: Bacteria
Compartment: Activated Sludge Plant
Duration: 3 hours
Test: EC50
Result: > 1.000 mg/L

Conforms to the Hazardous Substances (Safety Data Sheets) Notice 2017

Based on available data, the classification criteria are not met.

Persistence and degradability

Product/substance: hydrogen peroxide
Conclusion: Readily biodegradable

Bioaccumulative potential

Product/substance: hydrogen peroxide
LogKow: -1,57
Conclusion: -

Mobility in soil

No data available.

Results of PBT and vPvB assessment

This mixture/product does not contain any substances known to fulfil the criteria for PBT and vPvB classification.

Other adverse effects

None known.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste treatment methods

Dispose of contents/container to an approved waste disposal plant.

Specific labelling

Contaminated packing

Packaging containing residues of the product must be disposed of similarly to the product.

SECTION 14: TRANSPORT INFORMATION

	14.1 UN / ID	14.2 UN proper shipping name	14.3 Hazard class(es)	14.4 PG*	14.5 Env**	Other informatio n:
ADR	UN2014	HYDROGEN PEROXIDE, AQUEOUS SOLUTION with not less than 20% but not more than 60% hydrogen peroxide (stabilized as necessary)	Transport hazard class: 5.1 Label: 5.1+8 Classification code: OC1  	II	No	Limited quantities: 1 L Tunnel restriction code: (E) See below for additional information.
IMDG	UN2014	HYDROGEN PEROXIDE, AQUEOUS SOLUTION with not less than 20% but not more than 60% hydrogen peroxide (stabilized as necessary)	Transport hazard class: 5.1 Label: 5.1+8 Classification code: OC1  	II	No	Limited quantities: 1 L EmS: F-H S-Q See below for additional information.

Conforms to the Hazardous Substances (Safety Data Sheets) Notice 2017

	14.1 UN / ID	14.2 UN proper shipping name	14.3 Hazard class(es)	14.4 PG*	14.5 Env**	Other informatio n:
						informatio n.
IATA	UN2014	HYDROGEN PEROXIDE, AQUEOUS SOLUTION with not less than 20% but not more than 60% hydrogen peroxide (stabilized as necessary)	Transport hazard class: 5.1 Label: 5.1+8 Classification code: OC1  	II	No	See below for additional informatio n.

* Packing group

** Environmental hazards

Additional information

This product is within scope of the regulations of transport of dangerous goods.

ADR / See Table A, section 3.2.1 for any information on special provisions, requirements, or warnings in connection with transport. See section 5.4.3, for instructions in writing regarding mitigation of damages in relation to incidents or accidents during transport.

IMDG / See section 3.2.1, for any information on special provisions, requirements, or warnings in connection with transport.

IATA / See Table 4.2 for any information on special provisions, requirements, or warnings in connection with transport.

Hazchem Code: 2P

Special precautions for user

Not applicable.

Transport in bulk according to Annex II of Marpol and the IBC Code

No data available.

SECTION 15: REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture

Restrictions for application:

Restricted to professional users.

Demands for specific education:

No specific requirements.

Control of major hazard facilities:

Not applicable.

Additional information:

Not applicable.

New Zealand Inventory of Chemicals (NZIoC):

hydrogen peroxide is listed

Sources:

Hazardous Substances (Hazard Classification) Notice 2020

Hazardous Substances and New Organisms Act 1996

Chemical safety assessment

No

SECTION 16: OTHER INFORMATION

Full text of H-phrases as mentioned in section 3

H271, May cause fire or explosion; strong oxidiser.
H302, Harmful if swallowed.
H314, Causes severe skin burns and eye damage.
H315, Causes skin irritation.
H318, Causes serious eye damage.
H319, Causes serious eye irritation.
H332, Harmful if inhaled.
H336, May cause drowsiness or dizziness.

The full text of identified uses as mentioned in section 1

None known.

Abbreviations and acronyms

AS/NZS = Australian New Zealand Standard
ATE = Acute Toxicity Estimate
BCF = Bioconcentration Factor
CAS = Chemical Abstracts Service
EINECS = European Inventory of Existing Commercial chemical Substances
GHS = Globally Harmonized System of Classification and Labelling of Chemicals
Hazchem = Hazardous chemicals
HSNO = Hazardous Substances and New Organisms Act
IANZ = International Accreditation New Zealand
IARC = International Agency for Research on Cancer
IATA = International Air Transport Association
IMDG = International Maritime Dangerous Goods
LogPow = logarithm of the octanol/water partition coefficient
MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)
NATA = National Association of Testing Authorities
NZIoC = New Zealand Inventory of Chemicals
OECD = Organisation for Economic Co-operation and Development
PBT = Persistent, Bioaccumulative and Toxic
RID = The Regulations concerning the International Carriage of Dangerous Goods by Rail
SCL = A specific concentration limit
STEL = Short-term exposure limits
STOT-RE = Specific Target Organ Toxicity - Repeated Exposure
STOT-SE = Specific Target Organ Toxicity - Single Exposure
TWA = Time weighted average
UN = United Nations
UVBC = Unknown or variable composition, complex reaction products or of biological materials
VOC = Volatile Organic Compound
vPvB = Very Persistent and Very Bioaccumulative

Additional information

The classification of the mixture in regard of health hazards is in accordance with the calculation methods given by the Hazardous Substances (Hazard Classification) Notice.

The safety data sheet is validated by

Quality & Compliance

Other

A change (in proportion to the last essential change (first cipher in SDS version, see section 1)) is marked with a triangle.
The information in this safety data sheet applies only to this specific product (mentioned in section 1) and is not necessarily correct for use with other chemicals/products.

Conforms to the Hazardous Substances (Safety Data Sheets) Notice 2017

It is recommended to hand over this safety data sheet to the actual user of the product. Information in this safety data sheet cannot be used as a product specification.

Country-language: NZ-en

KARTA CHARAKTERYSTYKI

iT.34 laundry stainremover pro active oxygen

SEKCJA 1: IDENTYFIKACJA SUBSTANCJI/MIESZANINY I IDENTYFIKACJA PRZEDSIĘBIORSTWA

1.1. Identyfikator produktu

Nazwa handlowa:

iT.34 laundry stainremover pro active oxygen

Niepowtarzalny identyfikator postaci czynnej (UFI):

KWY8-NP0S-J88H-EC1G

1.2. Istotne zidentyfikowane zastosowania substancji lub mieszaniny oraz zastosowania odradzane

Istotne zidentyfikowane zastosowania substancji lub mieszaniny:

Detergenty i środki czyszczące (w tym na bazie rozpuszczalników)

Produkt przeznaczony wyłącznie do użytku zawodowego.

Zastosowania odradzane :

Nie są znane.

1.3. Dane dotyczące dostawcy karty charakterystyki

Dostawca:

Hygeniq B.V.

Postbus 618

7500 AP Enschede

The Netherlands

+31 53 4282860

+31 53 5393865

www.hygeniq.com

Adres email:

info@hygeniq.com

Aktualizacja:

15.08.2025

Wersja karty charakterystyki:

1.0

1.4. Numer telefonu alarmowego

Ośrodki zatruć.

Gdańsk: Pomorskie Centrum Toksykologii. Tel: (48) 58 682 04 04

Kraków: Centrum Informacji Toksykologicznej. Tel: (48) 12 411 99 99

Łódź: Krajowe Centrum Informacji o Truciznach. Tel: (48) 42 63 14 724

Warszawa: Warszawskie Centrum Informacji i Kontroli Zatruć. Tel: (48) 22 619 66 54

Wrocław: Dolnośląskie Centrum Informacji Toksykologicznej i Toksykologicznej. Tel: (48) 71 306 44 19

*Europejski numer alarmowy : 112

Patrz sekcja 4 o środkach pierwszej pomocy.

SEKCJA 2: IDENTYFIKACJA ZAGROŻEŃ

Klasyfikacja wg Rozporządzenia (WE) 1272/2008 (CLP).

2.1. Klasyfikacja substancji lub mieszaniny

Met. Corr. 1; H290, Może powodować korozję metali.

Acute Tox. 4; H302, Działa szkodliwie po połknięciu.

Skin Irrit. 2; H315, Działa drażniąco na skórę.

Eye Dam. 1; H318, Powoduje poważne uszkodzenie oczu.

STOT SE 3; H336, Może wywoływać uczucie senności lub zawroty głowy.

2.2. Elementy oznakowania

Piktogram(y) zagrożień:



Hasło ostrzegawcze:

Niebezpieczeństwo

Zwrot wskazujący rodzaj zagrożenia:

Może powodować korozję metali. (H290)

Działa szkodliwie po połknięciu. (H302)

Działa drażniąco na skórę. (H315)

Powoduje poważne uszkodzenie oczu. (H318)

Może wywoływać uczucie senności lub zawroty głowy. (H336)

Zwroty wskazujące środki ostrożności:

Ogólne:

Nie dotyczy.

Zapobieganie:

Dokładnie umyć ręce i skórę po użyciu. (P264)

Stosować ochronę oczu/rękawice ochronne/odzież ochronną. (P280)

Reagowanie:

W PRZYPADKU DOSTANIA SIĘ DO OCZU: Ostrożnie płukać wodą przez kilka minut. Wyjąć soczewki kontaktowe, jeżeli są i można je łatwo usunąć. Nadal płukać. (P305+P351+P338)

Usunąć wyciek, aby zapobiec szkodom materialnym. (P390)

Przechowywanie:

Przechowywać w pojemniku o odpornej powłoce wewnętrznej. (P406)

Usuwanie:

Zawartość/pojemnik usuwać zgodnie z przepisami lokalnymi (P501)

Zawiera następujące substancje odpowiedzialne za ryzyko zagrożenia zdrowia:

nadtlenek wodoru, roztwór 35%

Informacje uzupełniające na etykiecie:

UFI: KWY8-NP0S-J88H-EC1G

Oznakowanie zawartości zgodnie z Rozporządzeniem nr 648/2004 w sprawie detergentów (dotyczy opakowań detergentów przeznaczonych do powszechnego użytku):

≥ 30%

· Związki wybielające na bazie tlenu

2.3. Inne zagrożenia

Inne ostrzeżenia:

Mieszanina/produkt ten nie zawiera żadnej substancji spełniającej kryteria klasyfikacji jako PBT lub vPvB.
Ten produkt nie zawiera żadnych substancji uważanych za substancje zaburzające gospodarkę hormonalną zgodnie z kryteriami określonymi w Rozporządzeniu Delegowanym Komisji (UE) 2017/2100 lub Rozporządzeniu Komisji (UE) 2023/707.

SEKcja 3: SKŁAD/INFORMACJA O SKŁADNIKACH

3.1. Substancje

Nie dotyczy. Produkt jest mieszaniną.

3.2. Mieszaniny

Produktu/składnik	Identyfikatory	% w/w	Klasyfikacja	Uwagi
nadtlenek wodoru, roztwór 35%	Nr. CAS: 7722-84-1 Nr. WE: 231-765-0 REACH: 01-2119485845-22-XXXX Nr indeksowy: 008-003-00-9	30-50%	Ox. Liq. 1, H271 Acute Tox. 4, H302 Skin Corr. 1A, H314 (SCL: 70,00 %) Skin Corr. 1B, H314 (SCL: 50,00 %) Skin Irrit. 2, H315 (SCL: 35,00 %) Eye Dam. 1, H318 (SCL: 8,00 %) Eye Irrit. 2, H319 (SCL: 5,00 %) Acute Tox. 4, H332 STOT SE 3, H336 (SCL: 35,00 %)	

Pełne sformułowanie zwrotów określających zagrożenia znajduje się w sekcji 16. Limity dopuszczalnych wartości zarażenia zawodowego, jeśli są dostępne, wymienione są w sekcji 8.

Inne informacje

-

SEKcja 4: ŚRODKI PIERWSZEJ POMOCY

4.1. Opis środków pierwszej pomocy

Informacje ogólne:

W razie wypadku lub złego samopoczucia skontaktować się z lekarzem lub pogotowiem – zabrać ze sobą etykietę lub niniejszą kartę charakterystyki. Lekarz może się zwrócić do Instytutu Toksykologii w szpitalu.

Jeśli objawy nie ustają, lub jeśli są wątpliwości co do stanu osoby poszkodowanej, trzeba się zwrócić po pomoc lekarską. Nigdy nie podawaj wody ani podobnych płynów osobie nieprzytomnej.

Wdychanie:

W razie problemów z oddychaniem lub podrażnienia dróg oddechowych: Zapewnić poszkodowanemu dostęp do świeżego powietrza i nie pozostawiać go bez nadzoru.

Kontakt ze skórą:

W PRZYPADKU KONTAKTU ZE SKÓRĄ: Umyć dużą ilością wody/wody i mydła.

Zdjąć zanieczyszczoną odzież. Niezwłocznie spłukać skażone miejsce obficie wodą. NIE używać rozpuszczalników ani rozcieńczalników.

W przypadku wystąpienia podrażnienia skóry: Zasięgnąć porady/zgłosić się pod opiekę lekarza.

Kontakt z oczami:

W PRZYPADKU DOSTANIA SIĘ DO OCZU: Natychmiast przemyć oczy dużą ilością wody lub płynem do przemywania oczu. Trzymać oczy szeroko otwarte. Płukać aż minie podrażnienie, przynajmniej przez 30 minut. Usunąć ewentualne szkła kontaktowe. Należy natychmiast zawezwać lekarza. Kontynuować płukanie podczas transportu.

Połknięcia:

W PRZYPADKU POŁKNIĘCIA: W przypadku złego samopoczucia skontaktować się z OŚRODKIEM ZATRUĆ/lekarzem.
Wypłukać usta.

Oparzenie:

Nie dotyczy.

4.2. Najważniejsze ostre i opóźnione objawy oraz skutki narażenia

Produkt zawiera substancje, które powodują poważne uszkodzenie oczu. Kontakt z substancjami może powodować nieodwracalne skutki działania na oczy / poważne uszkodzenie oczu.

4.3. Wskazania dotyczące wszelkiej natychmiastowej pomocy lekarskiej i szczególnego postępowania z poszkodowanym

W PRZYPADKU narażenia lub styczności:

Natychmiast zasięgnąć porady/zgłosić się pod opiekę lekarza.

Informacja dla lekarza

Przekazać kartę charakterystyki lub etykietę produktu.

SEKCJA 5: POSTĘPOWANIE W PRZYPADKU POŻARU

5.1. Środki gaśnicze

Nie dotyczy.

5.2. Szczególne zagrożenia związane z substancją lub mieszaniną

W przypadku pożaru powstanie gęsty dym. Wystawienie na działanie produktów rozkładu może być szkodliwe dla zdrowia. Zamknięte pojemniki, które były wystawione na działanie ognia, należy ochłodzić wodą. Nie należy dopuścić, aby woda użyta do gaszenia dostała się do ścieków ani cieków wodnych.

5.3. Informacje dla straży pożarnej

Normalne ubranie strażackie i pełne wyposażenie dla ochrony dróg oddechowych. W przypadku bezpośredniego kontaktu z substancją chemiczną dowódca zastępu może się skontaktować z centrum ratunkowym dla wypadków chemicznych aby otrzymać dalsze porady.

SEKCJA 6: POSTĘPOWANIE W PRZYPADKU NIEZAMIERZONEGO UWOLNIENIA DO ŚRODOWISKA

6.1. Indywidualne środki ostrożności, wyposażenie ochronne i procedury w sytuacjach awaryjnych

Unikać bezpośredniego kontaktu z rozlanym materiałem.
Zapewnić odpowiednią wentylację, szczególnie w przestrzeniach zamkniętych.
Unikać wdychania oparów rozlanego materiału.
Zanieczyszczone powierzchnie mogą być śliskie.

6.2. Środki ostrożności w zakresie ochrony środowiska

Zapobiegać uwalnianiu większych ilości do kanalizacji, wód gruntowych i powierzchniowych.
Nie dopuszczać osób postronnych do miejsca wycieku.

6.3. Metody i materiały zapobiegające rozprzestrzenianiu się skażenia i służące do usuwania skażenia

Ograniczyć i zebrać wyciek za pomocą niepalnego, absorbującego materiału, np. piasku, ziemi, wermikulitu lub ziemi okrzemkowej i umieścić w pojemniku do utylizacji zgodnie z lokalnymi przepisami.
Jeśli to tylko możliwe, czyszczenie należy przeprowadzać za pomocą środków czyszczących. Należy unikać rozpuszczalników.

6.4. Odniesienia do innych sekcji

Postępowanie z odpadami opisane jest w sekcji 13.
Środki ostrożności omówione są w sekcji 8.

SEKcja 7: POSTĘPOWANIE Z SUBSTANCJAMI I MIESZANINAMI ORAZ ICH MAGAZYNOWANIE

7.1. Środki ostrożności dotyczące bezpiecznego postępowania

Unikać bezpośredniego kontaktu z produktem.

Palenie, jedzenie i picie nie są dozwolone podczas używania produktu.

Osobiste środki bezpieczeństwa omawiane są w sekcji „Kontrola narażenia/środki ochrony indywidualnej”.

7.2. Warunki bezpiecznego magazynowania, w tym informacje dotyczące wszelkich wzajemnych niezgodności

Otwarte pojemniki muszą być ponownie uszczelnione i przechowywane pionowo dla uniknięcia wycieków.

Przechowywać w pojemniku o odpornej powłoce wewnętrznej.

Zgodności z opakowaniem:

Przechowywać wyłącznie w oryginalnym opakowaniu.

Warunki przechowywania:

W miejscu suchym, chłodnym i z dobrą cyrkulacją powietrza

Materiały niezgodne:

Przechowywać wyłącznie w oryginalnym opakowaniu.

7.3. Szczególne zastosowanie(-a) końcowe

Ten produkt powinien być używany zawsze zgodnie z opisem w sekcji 1.2.

SEKcja 8: KONTROLA NARAŻENIA/ŚRODKI OCHRONY INDYWIDUALNEJ

8.1. Parametry dotyczące kontroli

nadtlenek wodoru, roztwór 35%

Najwyższe dopuszczalne stężenie chwilowe (15 minut) (NDSch) (mg/m³): 0,8

Najwyższe dopuszczalne stężenie (8-godzinne) (NDS) (mg/m³): 0,4

Rozporządzenia Ministra Rodziny, Pracy i Polityki Społecznej z dnia 12 czerwca 2018 r. w sprawie najwyższych dopuszczalnych stężeń i natężeń czynników szkodliwych dla zdrowia w środowisku pracy (Dz.U. 2018 poz. 1286)

DNEL

nadtlenek wodoru, roztwór 35%

Czas:	Droga narażenia:	DNEL:
Długoterminowo (działanie miejscowe-cała populacja)	Wziewanie	0,21 mg/m ³
Długoterminowo (działanie miejscowe-cała populacja)	Wziewanie	210 µg/m ³
Długoterminowo (działanie miejscowe-Pracownicy)	Wziewanie	1.4 mg/m ³
Krótkoterminowo (działanie miejscowe-cała populacja)	Wziewanie	1.93 mg/m ³
Krótkoterminowo (działanie miejscowe-Pracownicy)	Wziewanie	3 mg/m ³

PNEC

nadtlenek wodoru, roztwór 35%

Droga narażenia:	Czas ekspozycji:	PNEC:
Oczyszczalnia ścieków		466 mg/L
Osad w wodzie morskiej		0,047 mg/L
Osad w wodzie morskiej		47 µg/kg
Osad w wodzie słodkiej		0,047 mg/kg

Osad w wodzie słodkiej		47 µg/kg
Przerywane uwalnianie (woda słodka)		13.8 µg/L
Woda morska		0,047 mg/L
Woda morska		12.6 µg/L
Woda słodka		0,0126 mg/L
Woda słodka		12.6 µg/L
Ziemia		0,023 mg/kg
Ziemia		1.9 µg/kg

8.2. Kontrola narażenia

Należy regularnie kontrolować przestrzeganie podanych wartości granicznych.

Ogólne zasady postępowania:

Palenie, jedzenie i picie nie są dozwolone podczas używania produktu.

Scenariusze narażenia:

Dla tego produktu nie ma wdrożonych scenariuszy narażenia.

Limity ekspozycji:

Zawodowi użytkownicy objęci są regulami ustawodawstwa o bezpieczeństwie i higienie pracy, dotyczącego maksymalnych stężeń przy ekspozycji. Wartości graniczne - patrz powyżej.

Środki techniczne:

Tworzenie się pary musi być utrzymywane na minimalnych i poniżej aktualnych wartościach granicznych (patrz powyżej). Zaleca się zainstalowanie lokalnego systemu wyciągowego, jeśli normalny przepływ powietrza w pomieszczeniu roboczym jest niewystarczający. Upewnij się, że stacje do przemywania oczu i prysznice są wyraźnie oznaczone.

Zapewnić łatwy dostęp do oczomyjek i natrysków bezpieczeństwa.

Stosuj standardowe środki ostrożności podczas użytkowania produktu. Unikaj wdychania oparów.

Zaradcze środki higieniczne:

Zanieczyszczoną odzież zdjąć i wyprać przed ponownym użyciem.

Środki ograniczające narażenie środowiska:

Nie ma specjalnych wymagań.

Indywidualne środki ochrony takie jak indywidualne wyposażenie ochronne

Ogólnie:

Używać wyłącznie sprzętu ochronnego z oznakowaniem CE.

Ochronę dróg oddechowych:

Warunki pracy	Typ	Klasa	Kolor	Normy	
Jeśli występuje ryzyko uformowania się mgiełki/drobinek w powietrzu	Jeśli wentylacja miejsca pracy nie jest dostateczna, należy stosować maski z odpowiednim filtrem			EN136	

Ochrona skór:

Polecamy	Typu/Kategorii	Normy	
Należy używać specjalnej odzieży roboczej	-	-	

Ochrona rąk:

Warunki pracy	Materiał	Grubość rękawicy (mm)	Czas wytrzymałości (min.)	Normy	
W przypadku długotrwałego narażenia lub wysokiego stężenia	Nitryl	0,4	> 480	EN374-2, EN16523-1, EN388	
W przypadku długotrwałego narażenia lub wysokiego stężenia	kauczuku butylowego	0,7	> 480	EN374-2, EN16523-1, EN388, EN421	

Ochrona oczu:

Typ	Normy	
Noś okulary ochronne z osłonami bocznymi.	EN166	

SEKCJA 9: WŁAŚCIWOŚCI FIZYCZNE I CHEMICZNE

9.1. Informacje na temat podstawowych właściwości fizycznych i chemicznych

Stan skupienia:

Ciekły

Kolor:

Bezbarwny

Zapach / Próg zapachu (ppm):

Charakterystyczny

pH:

2.5

Gęstość (g/cm³):

1,1 (20 °C)

Lepkość kinematyczna:

Brak dostępnych danych.

Charakterystyka cząsteczek:

Nie dotyczy cieczy.

Zmiana stanu skupienia i opary

Temperatura topnienia/krzepnięcia (°C):

Brak dostępnych danych.

Temperaturę/zakres mięknięcia (°C):

Nie dotyczy cieczy.

Temperatura wrzenia (°C):

100

Prężność pary:

Brak dostępnych danych.

Względna gęstość pary :

Brak dostępnych danych.

Temperatura rozkładu (°C):
Brak dostępnych danych.

Dane dotyczące niebezpieczeństwa pożaru i wybuchu

Temperatura zapłonu (°C):
Brak dostępnych danych.

Palność materiałów (°C):
Brak dostępnych danych.

Temperatura samozapłonu (°C):
Brak dostępnych danych.

Granice wybuchowości (obj. %):
Brak dostępnych danych.

Rozpuszczalność

Rozpuszczalność w wodzie:
Całkowicie rozpuszczalny

n-oktanol/woda współczynnik (LogKow):
Brak dostępnych danych.

Rozpuszczalność w tłuszczu (g/L):
Brak dostępnych danych.

9.2. Inne informacje

Inne parametry fizyczne i chemiczne:
Brak dostępnych danych.

Właściwości utleniające:
Brak dostępnych danych.

SEKcja 10: STABILNOŚĆ I REAKTYWNOŚĆ

10.1. Reaktywność

Brak dostępnych danych.

10.2. Stabilność chemiczna

Przy prawidłowym użytkowaniu i przechowywaniu, zgodnie z sekcją 7 karty, produkt jest stabilny.

10.3. Możliwość występowania niebezpiecznych reakcji

Nie są znane.

10.4. Warunki, których należy unikać

Nie są znane.

10.5. Materiały niezgodne

Przechowywać wyłącznie w oryginalnym opakowaniu.

10.6. Niebezpieczne produkty rozkładu

W normalnych warunkach magazynowania i stosowania niebezpieczne produkty rozpadu nie powinny być wytwarzane.

SEKcja 11: INFORMACJE TOKSYKOLOGICZNE

11.1. Informacje na temat klas zagrożenia zdefiniowanych w rozporządzeniu (WE) nr 1272/2008

Toksyczność ostra

Produktu/składnik nadtlenuk wodoru, roztwór 35%

Rodzaj: Szczur
Droga narażenia: Doustnie
Test: LD50
Wynik: 1.193 - 1.270 mg/L

Produktu/składnik: nadtlenek wodoru, roztwór 35%
Rodzaj: Królik
Droga narażenia: Naskórnice
Test: LD50
Wynik: >2.000 (35% oplossing) mg/kg

Działa szkodliwie po połknięciu.

Działanie żrące/drażniące na skórę

Produktu/składnik: iT.34 laundry stainremover pro active oxygen
Wynik: Zaobserwowano działania szkodliwe (Drażniący)

Produktu/składnik: nadtlenek wodoru, roztwór 35%
Wynik: Zaobserwowano działania szkodliwe (Drażniący)

Działa drażniąco na skórę.

Poważne uszkodzenie oczu/działanie drażniące na oczy

Produktu/składnik: iT.34 laundry stainremover pro active oxygen
Wynik: Zaobserwowano działania szkodliwe (Powoduje poważne uszkodzenie oczu)

Produktu/składnik: nadtlenek wodoru, roztwór 35%
Wynik: Zaobserwowano działania szkodliwe (Powoduje poważne uszkodzenie oczu)

Powoduje poważne uszkodzenie oczu.

Działanie uczulające na drogi oddechowe

Produktu/składnik: nadtlenek wodoru, roztwór 35%
Wynik: Nie zaobserwowano działań szkodliwych (nie uczuła)

W oparciu o dostępne dane, kryteria klasyfikacji nie są spełnione.

Działanie uczulające na skórę

W oparciu o dostępne dane, kryteria klasyfikacji nie są spełnione.

Działanie mutagenne na komórki rozrodcze

W oparciu o dostępne dane, kryteria klasyfikacji nie są spełnione.

Działanie rakotwórcze

Produktu/składnik: nadtlenek wodoru, roztwór 35%
Wniosek: Nie zaobserwowano działań szkodliwych

W oparciu o dostępne dane, kryteria klasyfikacji nie są spełnione.

Szkodliwe działanie na rozrodczość

Produktu/składnik: nadtlenek wodoru, roztwór 35%
Wniosek: Nie zaobserwowano działań szkodliwych

W oparciu o dostępne dane, kryteria klasyfikacji nie są spełnione.

Działanie toksyczne na narządy docelowe – narażenie jednorazowe

Może wywoływać uczucie senności lub zawroty głowy.

Działanie toksyczne na narządy docelowe – narażenie powtarzane

W oparciu o dostępne dane, kryteria klasyfikacji nie są spełnione.

Zagrożenie spowodowane aspiracją

Produktu/składnik: nadtlenek wodoru, roztwór 35%

W oparciu o dostępne dane, kryteria klasyfikacji nie są spełnione.

11.2. Informacje o innych zagrożeniach

Długotrwałe działanie

Produkt zawiera substancje, które powodują poważne uszkodzenie oczu. Kontakt z substancjami może powodować nieodwracalne skutki działania na oczy / poważne uszkodzenie oczu.

Właściwości zaburzające funkcjonowanie układu hormonalnego

Mieszanina/produkt nie zawiera substancji uznawanych za zaburzające funkcjonowanie układu hormonalnego w odniesieniu do zdrowia.

Inne informacje

nadtlenek wodoru, roztwór 35%: Substancja została zakwalifikowana do grupy 3 wg IARC.

SEKCJA 12: INFORMACJE EKOLOGICZNE

12.1. Toksyczność

Produktu/składnik	nadtlenek wodoru, roztwór 35%
Rodzaj:	Ryba, Pimephales promelas
Czas:	96 godzin
Test:	LC50
Wynik:	16,4 mg/L

Produktu/składnik	nadtlenek wodoru, roztwór 35%
Rodzaj:	Ryba, Leuciscus idus
Czas:	72 godzin
Test:	LC50
Wynik:	35 mg/L

Produktu/składnik	nadtlenek wodoru, roztwór 35%
Rodzaj:	Ryba, Oncorhynchus mykiss
Czas:	7 dni
Test:	LC50
Wynik:	38,5 mg/L

Produktu/składnik	nadtlenek wodoru, roztwór 35%
Rodzaj:	Daphnia pulex
Czas:	48 godzin
Test:	CE50
Wynik:	2,4 mg/L

Produktu/składnik	nadtlenek wodoru, roztwór 35%
Rodzaj:	Daphnia magna
Czas:	24 godzin
Test:	CE50
Wynik:	7,7 mg/L

Produktu/składnik	nadtlenek wodoru, roztwór 35%
Rodzaj:	Skeletonema costatum
Czas:	72 godzin
Test:	CE50
Wynik:	1,38 mg/L

Produktu/składnik	nadtlenek wodoru, roztwór 35%
Metoda badania:	OECD 209
Rodzaj:	Bakteria

Element środowiska :	Aktywowana instalacja z osadem
Czas:	30 minutes
Test:	CE50
Wynik:	466 mg/L

Produktu/składnik	nadtlenek wodoru, roztwór 35%
Metoda badania:	OECD 209
Rodzaj:	Bakteria
Element środowiska :	Aktywowana instalacja z osadem
Czas:	3 godzin
Test:	CE50
Wynik:	> 1.000 mg/L

W oparciu o dostępne dane, kryteria klasyfikacji nie są spełnione.

12.2. Trwałość i zdolność do rozkładu

Produktu/składnik	nadtlenek wodoru, roztwór 35%
Wniosek:	Łatwe uleganie biodegradacji

12.3. Zdolność do bioakumulacji

Produktu/składnik	nadtlenek wodoru, roztwór 35%
LogKow:	-1,57
Wniosek:	-

12.4. Mobilność w glebie

Brak dostępnych danych.

12.5. Wyniki oceny właściwości PBT i vPvB

Mieszanina/produkt ten nie zawiera żadnej substancji spełniającej kryteria klasyfikacji jako PBT lub vPvB.

12.6. Właściwości zaburzające funkcjonowanie układu hormonalnego

Produktu/składnik	iT.34 laundry stainremover pro active oxygen
Wniosek:	Nie zaobserwowano działań szkodliwych

Mieszanina/produkt nie zawiera substancji uznawanych za zaburzające funkcjonowanie układu endokrynnego w odniesieniu do środowiska.

12.7. Inne szkodliwe skutki działania

Nie są znane.

SEKCJA 13: POSTĘPOWANIE Z ODPADAMI

13.1. Metody unieszkodliwiania odpadów

Pozbywać się zgodnie z miejscowymi i narodowymi dyrektywami dotyczącymi gospodarki odpadów. (*)

HP 6 - Ostra toksyczność

HP 8 - Żrąc

Zawartość/pojemnik usuwać do autoryzowanego zakładu utylizacji odpadów.

Rozporządzenie Komisji (UE) NR 1357/2014 z dnia 18 grudnia 2014 r. zastępujące załącznik III do dyrektywy Parlamentu Europejskiego i Rady 2008/98/WE w sprawie odpadów oraz uchylającej niektóre dyrektywy. Ustawa z dnia 14.12.2012r. o odpadach, (Dz.U.2013 poz.21). Rozporządzenie Ministra Środowiska z dnia 9.12.2014r. w sprawie katalogu odpadów (Dz.U. 2014 poz. 1923).

Europejski kod odpadu (EWC):

20 01 29* Detergenty zawierające substancje niebezpieczne

Zanieczyszczone opakowanie

Opakowania zawierające pozostałości produktu należy usuwać w taki sam sposób jak produkt.

SEKCJA 14: INFORMACJE DOTYCZĄCE TRANSPORTU

	14.1 UN / ID	14.2 Prawidłowa nazwa przewozowa UN	14.3 Klasa(-y) zagrożenia w transporcie	14.4 PG*	14.5. Env**	Inne informacje :
ADR	UN2014	NADTLENEK WODORU, ROZTWÓR WODNY	Klasa: 5.1 Nalep-ki: 5.1+8 Kod klasyfikacyjny: OC1  	II	Nie	Ilości ograniczone: 1 L Kategoria transportowa: (E) Patrz poniżej dodatkowe informacje.
IMDG	UN2014	HYDROGEN PEROXIDE, AQUEOUS SOLUTION with not less than 20% but not more than 60% hydrogen peroxide (stabilized as necessary)	Klasa: 5.1 Nalep-ki: 5.1+8 Kod klasyfikacyjny: OC1  	II	Nie	Ilości ograniczone: 1 L EmS: F-H S-Q Patrz poniżej dodatkowe informacje.
IATA	UN2014	HYDROGEN PEROXIDE, AQUEOUS SOLUTION with not less than 20% but not more than 60% hydrogen peroxide (stabilized as necessary)	Klasa: 5.1 Nalep-ki: 5.1+8 Kod klasyfikacyjny: OC1  	II	Nie	Patrz poniżej dodatkowe informacje.

* Grupa pakowania

** Zagrożenia dla środowiska

Inne

Produkt podlega przepisom dotyczącym przewozu towarów niebezpiecznych.

ADR / Informacje na temat szczególnych przepisów, wymagań lub ostrzeżeń dotyczących transportu zamieszczono w Tabeli A, punkt 3.2.1. Instrukcje pisemne dotyczące sposobów ograniczenia szkód powstałych w wyniku zdarzeń lub wypadków mających miejsce w trakcie transportu zamieszczono w punkcie 5.4.3.

IMDG / Informacje na temat szczególnych przepisów, wymagań lub ostrzeżeń dotyczących transportu zamieszczono w punkcie 3.2.1.

IATA / Informacje na temat szczególnych przepisów, wymagań lub ostrzeżeń dotyczących transportu zamieszczono w punkcie 4.2.

14.6. Szczególne środki ostrożności dla użytkowników

Nie dotyczy.

14.7. Transport morski luzem zgodnie z instrumentami IMO

Brak dostępnych danych.

SEKCJA 15: INFORMACJE DOTYCZĄCE PRZEPISÓW PRAWNYCH

15.1. Przepisy prawne dotyczące bezpieczeństwa, zdrowia i ochrony środowiska specyficzne dla substancji lub mieszaniny

Ograniczenia użycia:

Produkt przeznaczony wyłącznie do użytku zawodowego.

Wymagania szczególnego wykształcenia:

Nie ma specjalnych wymagań.

SEVESO - Kategorie niebezpiecznych substancji / Wskazane substancje niebezpieczne:

Nie dotyczy.

Rozporządzenie w sprawie prekursorów materiałów wybuchowych:

nadtlenek wodoru, roztwór 35% (Aneks I)

Oznakowanie zawartości zgodnie z Rozporządzeniem nr 648/2004 w sprawie detergentów:

≥ 30%

· Związki wybielające na bazie tlenu

Inne:

Nie dotyczy.

Źródła:

Dyrektywa Rady 94/33/WE z dnia 22 czerwca 1994 r. w sprawie ochrony pracy osób młodych.

Rozporządzenie (WE) nr 648/2004 Parlamentu Europejskiego i Rady z dnia 31 marca 2004 r. w sprawie detergentów.

Rozporządzenie Komisji (UE) NR 1357/2014 z dnia 18 grudnia 2014 r. zastępujące załącznik III do dyrektywy Parlamentu Europejskiego i Rady 2008/98/WE w sprawie odpadów oraz uchylającej niektóre dyrektywy. Ustawa z dnia 14.12.2012r. o odpadach, (Dz.U.2013 poz.21). Rozporządzenie Ministra Środowiska z dnia 9.12.2014r. w sprawie katalogu odpadów (Dz.U. 2014 poz. 1923).

Rozporządzenie (UE) 2019/1148 w sprawie prekursorów materiałów wybuchowych.

Rozporządzenie Parlamentu Europejskiego i Rady (WE) nr 1272/2008 z dnia 16 grudnia 2008 r. w sprawie klasyfikacji, oznakowania i pakowania substancji i mieszanin (CLP).

Rozporządzenie Ministra Pracy i Polityki Społecznej z dnia 26.09.1997r. w sprawie ogólnych przepisów bezpieczeństwa i higieny pracy. (Dz.U. 2003 nr 169 poz. 1650) z późniejszymi zmianami.

Rozporządzenie Ministra Zdrowia z dnia 30.12.2004 roku w sprawie bezpieczeństwa i higieny pracy związanej z występowaniem w miejscu pracy czynników chemicznych. (Dz. U. z 2005r. Nr 11, poz. 86) z późniejszymi zmianami.

ROZPORZĄDZENIE PARLAMENTU EUROPEJSKIEGO I RADY (UE) 2016/425 z dnia 9 marca 2016 r. w sprawie środków ochrony indywidualnej oraz uchylenia dyrektywy Rady 89/686/EWG.

Ustawa o substancjach i ich mieszaninach z dnia 25.02.2011r. (Dz.U. 2011 nr 63 poz. 322) z późniejszymi zmianami.

Rozporządzenie (WE) nr 1907/2006 PeIR z dnia 18.12.2006r. w sprawie rejestracji, oceny, udzielania zezwoleń i stosowanych ograniczeń w zakresie chemikaliów (REACH), utworzenia Europejskiej Agencji Chemikaliów, zmieniające dyrektywę 1999/45/WE oraz uchylające rozporządzenie Rady (EWG) nr 793/93 i rozporządzenie Komisji (WE) nr 1488/94, jak również dyrektywę Rady 76/769/EWG i dyrektywy Komisji 91/155/EWG, 93/67/EWG, 93/105/WE i 2000/21/WE.

15.2. Ocena bezpieczeństwa chemicznego

Nie

SEKCJA 16: INNE INFORMACJE

Pełne sformułowanie zwrotów ryzyka wymienionych w sekcji 3

H271, Może spowodować pożar lub wybuch; silny utleniacz.

H302, Działa szkodliwie po połknięciu.

H314, Powoduje poważne oparzenia skóry oraz uszkodzenia oczu.

H315, Działa drażniąco na skórę.

H318, Powoduje poważne uszkodzenie oczu.

H319, Działa drażniąco na oczy.

H332, Działa szkodliwie w następstwie wdychania.

H336, Może wywoływać uczucie senności lub zawroty głowy.

Skróty i akronimy

ADN = Europejskie Warunki dotyczące Międzynarodowego Przewozu Niebezpiecznych Towarów Wodnymi Drogami Śródlądowymi
ADR = Europejskie Porozumienie dotyczące Międzynarodowych Przewozów Niebezpiecznych Towarów Transportem Drogowym
ATE = Szacunkowa toksyczność ostra
BCF = Współczynnik biokoncentracji
CAS = Chemical Abstract Service (Serwis Wypisów Chemicznych)
CE = Zgodność europejska
CLP = Rozporządzenie dotyczące klasyfikacji, oznakowania i pakowania (Rozporządzenie (WE) nr 1272/2008)
CSA = Ocena bezpieczeństwa chemicznego
CSR = Raport bezpieczeństwa chemicznego
DNEL = Pochodny Poziom Niepowodujący Zmian
EINECS = Europejski Spis Istniejących Substancji Chemicznych Znajdujących się na Rynku
ES = Scenariusz narażenia
EUH statement = CLP Zwrot wskazujący rodzaj zagrożenia
EuPCS = Europejski system klasyfikacji produktów
EWC = Europejski Katalog Odpadów
GHS = Globalnie Zharmonizowany System Klasyfikacji i Oznakowania Chemikaliów
GWP = Współczynnik globalnego ocieplenia
IATA = Międzynarodowe Zrzeszenie Przewoźników Powietrznych
IBC = Intermediate Bulk Container
IMDG = Międzynarodowy Morski Kod Towarów Niebezpiecznych
LogPow = logarytm współczynnika podziału oktanolu/wody
MARPOL = Międzynarodowa Konwencja Zapobiegania Zanieczyszczeniom ze Statków, 1973 modyfikowana Protokołem z roku 1978 (Marpol = zanieczyszczenia morskie)
NDS = średniej ważonej w czasie
OECD = Organizacja Współpracy Ekonomicznej i Rozwoju
PBT = Trwały, wykazujący zdolność do bioakumulacji i toksyczny
PNEC = Przewidywane Stężenie Niepowodujące Zmian w Środowisku
RID = Regulamin dla międzynarodowego przewozu kolejami towarów niebezpiecznych
RRN = Numer rejestracyjny REACH
SCL = Specyficzne stężenie.
SVHC = Substancja wzbudzająca poważne obawy
STOT-RE = Toksyczność docelowa specyficznego narządu - powtarzalne narażenie
STOT-SE = Toksyczność docelowa specyficznego narządu - jednorazowe narażenie
UN = Organizacja Narodów Zjednoczonych (ONZ)
UVCB = Oznacza substancje o nieznanym lub zmiennym składzie, złożone produkty reakcji lub materiały biologiczne.
VOC = Lotny związek organiczny
vPvB = Bardzo trwałe i wykazujące bardzo dużą zdolność do bioakumulacji

Inne

Klasyfikacja mieszaniny pod względem zagrożeń dla zdrowia jest zgodna z metodami obliczeniowymi podanymi w rozporządzeniu (EC) Nr 1272/2008 (CLP).

Karta charakterystyki została zatwierdzona przez

Quality & Compliance

Inne

Zmiany w stosunku do ostatniej aktualizacji (pierwsza cyfra w wersji karty SDS, sekcji 1) tej karty charakterystyki są oznakowane trójkątami.
Informacje zawarte w niniejszej karcie charakterystyki odnoszą się tylko do produktu wymienionego w sekcji 1 i mogą nie być aktualne w odniesieniu do użycia razem z innymi produktami.

Zgodność z załącznikiem II do rozporządzenia (WE) nr 1907/2006 (REACH), zmienionym rozporządzeniem (UE) nr 2020/878

Zaleca się dostarczenie niniejszej karty charakterystyki faktycznemu użytkownikowi produktu. Wymienione informacje nie mogą być używane jako specyfikacja produktu.

Kraj-język: PL-pl

SAFETY DATA SHEET

iT.34 laundry stainremover pro active oxygen

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

SDS created for QATAR according to GHS

1.1. Product identifier

Trade name:

iT.34 laundry stainremover pro active oxygen

1.2. Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses of the substance or mixture:

Washing and cleaning products (including solvent based products)
Restricted to professional users.

Uses advised against :

None known.

1.3. Details of the supplier of the safety data sheet

Company and address:

Hygeniq B.V.
Postbus 618
7500 AP Enschede
The Netherlands
+31 53 4282860
+31 53 5393865
www.hygeniq.com

E-mail:

info@hygeniq.com

SDS date:

15/08/2025

SDS Version:

1.0

1.4. Emergency telephone number

Contact the local emergency services.
See section 4 "First aid measures".

SECTION 2: HAZARDS IDENTIFICATION

Classified according to GHS.

2.1. Classification of the substance or mixture

Met. Corr. 1; H290, May be corrosive to metals.
Acute Tox. 4; H302, Harmful if swallowed.

According to GHS Rev. 8, 2019

Skin Irrit. 2; H315, Causes skin irritation.
Eye Dam. 1; H318, Causes serious eye damage.
STOT SE 3; H336, May cause drowsiness or dizziness.

2.2. Label elements

Hazard pictogram(s):



Signal word:

Danger

Hazard statement(s):

May be corrosive to metals. (H290)
Harmful if swallowed. (H302)
Causes skin irritation. (H315)
Causes serious eye damage. (H318)
May cause drowsiness or dizziness. (H336)

Precautionary statement(s):

General:

Not applicable.

Prevention:

Wash hands and exposed skin thoroughly after handling. (P264)
Wear eye protection/protective gloves/protective clothing. (P280)

Response:

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.
Continue rinsing. (P305+P351+P338)
Absorb spillage to prevent material damage. (P390)

Storage:

Store in a container with a resistant inner liner. (P406)

Disposal:

Dispose of contents/container in accordance with local regulation.
(P501)

Hazardous substances:

hydrogen peroxide

Additional labelling:

Not applicable.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substances

Not applicable. This product is a mixture.

3.2. Mixtures

Product/substance	Identifiers	% w/w	Classification	Note
hydrogen peroxide	CAS No.: 7722-84-1 EC No.: 231-765-0	30-50%	Ox. Liq. 1, H271 Acute Tox. 4, H302 Skin Corr. 1A, H314 (SCL: 70.00 %) Skin Corr. 1B, H314 (SCL: 50.00 %) Skin Irrit. 2, H315 (SCL: 35.00 %)	

According to GHS Rev. 8, 2019

			Eye Dam. 1, H318 (SCL: 8.00 %) Eye Irrit. 2, H319 (SCL: 5.00 %) Acute Tox. 4, H332 STOT SE 3, H336 (SCL: 35.00 %)	

See full text of H-phrases in section 16. Occupational exposure limits are listed in section 8, if these are available.

Other information

-

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

General information:

In the case of accident: Contact a doctor or casualty department – bring the label or this safety data sheet.
Contact a doctor if in doubt about the injured person's condition or if the symptoms persist. Never give an unconscious person water or other drink.

Inhalation:

Upon breathing difficulties or irritation of the respiratory tract: Bring the person into fresh air and stay with him/her.

Skin contact:

IF ON SKIN: Wash with plenty of water/water and soap.
Remove contaminated clothing and shoes. Ensure to wash exposed skin thoroughly with water and soap. DO NOT use solvents or thinners.
If skin irritation occurs: Get medical advice/attention.

Eye contact:

If in eyes: Flush eyes with plenty of water or salt water (20-30 °C) for at least 30 minutes and continue until irritation stops. Remove contact lenses. Make sure you flush under the upper and lower eyelids. Seek medical assistance immediately and continue flushing during transport.

Ingestion:

IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.
Rinse mouth.

Burns:

Not applicable.

4.2. Most important symptoms and effects, both acute and delayed

The product contains substances that cause serious eye damage. Contact with these substances can cause irreversible effects on the eye / serious eye damage.

4.3. Indication of any immediate medical attention and special treatment needed

IF exposed or concerned:
Get immediate medical advice/attention.

Information to medics

Bring this safety data sheet or the label from this product.

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Not applicable.

5.2. Special hazards arising from the substance or mixture

Fire will result in dense smoke. Exposure to combustion products may harm your health. Closed containers, which are exposed to fire, should be cooled with water. Do not allow fire-extinguishing water to enter the sewage system and nearby surface waters.

5.3. Advice for firefighters

Wear self-contained breathing apparatus and protective clothing to prevent contact. Upon direct exposure contact the national poisons emergency services in order to obtain further advice.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Avoid direct contact with spilled substances.
Ensure adequate ventilation, especially in confined areas.
Avoid inhalation of vapours from spilled material.
Contaminated areas may be slippery.

6.2. Environmental precautions

Avoid discharge to lakes, streams, sewers, etc.
Keep unauthorized persons away from the spill

6.3. Methods and material for containment and cleaning up

Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations.
Wherever possible cleaning should be performed with normal cleaning agents. Avoid use of solvents.

6.4. Reference to other sections

See section 13 "Disposal considerations" on handling of waste.
See section 8 "Exposure controls/personal protection" for protective measures.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Avoid direct contact with the product.
Smoking, drinking and consumption of food is not allowed in the work area.
See section 8 "Exposure controls/personal protection" for information on personal protection.

7.2. Conditions for safe storage, including any incompatibilities

Containers that have been opened must be carefully resealed and kept upright to prevent leakage.
Store in a container with a resistant inner liner.

Recommended storage material:

Keep only in original packaging.

Storage conditions:

Dry, cool and well ventilated

Incompatible materials:

Keep only in original packaging.

7.3. Specific end use(s)

This product should only be used for applications quoted in section 1.2.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

No substances are listed with an occupational exposure limit.

According to GHS Rev. 8, 2019

8.2. Exposure controls

Apply general control to prevent unnecessary exposure

General recommendations:

Smoking, drinking and consumption of food is not allowed in the work area.

Exposure scenarios:

There are no exposure scenarios implemented for this product.

Exposure limits:

Occupational exposure limits have not been defined for the substances in this product.

Appropriate technical measures:

Ensure that eyewash stations and safety showers are located within easy reach.

Apply standard precautions during use of the product. Avoid inhalation of vapours.

Hygiene measures:

Take off contaminated clothing and wash it before reuse.

Measures to avoid environmental exposure:

No specific requirements.

Individual protection measures, such as personal protective equipment

Generally:

Use only CE marked protective equipment.

Respiratory Equipment:

Work situation	Type	Class	Colour	Standards	
When there is risk of formation of mist/aerosol	Full mask			EN136	

Skin protection:

Recommended	Type/Category	Standards	
Dedicated work clothing should be worn.	-	-	

Hand protection:

Work situation	Material	Glove thickness (mm)	Breakthrough time (min.)	Standards	
In the event of prolonged exposure or high concentrations	Nitrile	0.4	> 480	EN374-2, EN16523-1, EN388	
In the event of prolonged exposure or high concentrations	Butyl	0,7	> 480	EN374-2, EN16523-1, EN388, EN421	

Eye protection:

Type	Standards	
Safety glasses with side shields.	EN166	

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Form:

Liquid

Colour:

Colourless

Odour:

Characteristic

Odour threshold (ppm):

No data available.

pH:

2.5

Density (g/cm³):

1.1 (20 °C)

Kinematic viscosity:

No data available.

Particle characteristics:

Does not apply to liquids.

Phase changes

Melting point/Freezing point (°C):

No data available.

Softening point/range (°C):

Does not apply to liquids.

Boiling point (°C):

100

Vapour pressure:

No data available.

Relative vapour density:

No data available.

Decomposition temperature (°C):

No data available.

Evaporation rate (n-butylacetate = 100):

Data on fire and explosion hazards

Flash point (°C):

No data available.

Flammability (°C):

No data available.

Auto-ignition temperature (°C):

No data available.

Explosion limits (% v/v):

No data available.

Solubility

Solubility in water:

According to GHS Rev. 8, 2019

Completely soluble

n-octanol/water coefficient (LogKow):

No data available.

Solubility in fat (g/L):

No data available.

9.2. Other information

No data available.

Other physical and chemical parameters:

No data available.

Oxidizing properties:

No data available.

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

No data available.

10.2. Chemical stability

The product is stable under the conditions, noted in section 7 "Handling and storage".

10.3. Possibility of hazardous reactions

None known.

10.4. Conditions to avoid

None known.

10.5. Incompatible materials

Keep only in original packaging.

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Acute toxicity

Product/substance	hydrogen peroxide
Species:	Rat
Route of exposure:	Oral
Test:	LD50
Result:	1.193 - 1.270 mg/L

Product/substance	hydrogen peroxide
Species:	Rabbit
Route of exposure:	Dermal
Test:	LD50
Result:	>2.000 (35% oplossing) mg/kg

Harmful if swallowed.

Skin corrosion/irritation

Product/substance	iT.34 laundry stainremover pro active oxygen
Result:	Adverse effect observed (Irritating)

According to GHS Rev. 8, 2019

Product/substance	hydrogen peroxide
Result:	Adverse effect observed (Irritating)

Causes skin irritation.

Serious eye damage/irritation

Product/substance	iT.34 laundry stainremover pro active oxygen
Result:	Adverse effect observed (Causes serious eye damage)

Product/substance	hydrogen peroxide
Result:	Adverse effect observed (Causes serious eye damage)

Causes serious eye damage.

Respiratory sensitisation

Product/substance	hydrogen peroxide
Result:	No adverse effect observed (not sensitising)

Based on available data, the classification criteria are not met.

Skin sensitisation

Based on available data, the classification criteria are not met.

Germ cell mutagenicity

Based on available data, the classification criteria are not met.

Carcinogenicity

Product/substance	hydrogen peroxide
Conclusion:	No adverse effect observed

Based on available data, the classification criteria are not met.

hydrogen peroxide has been classified by IARC as a group 3 carcinogen.

Reproductive toxicity

Product/substance	hydrogen peroxide
Conclusion:	No adverse effect observed

Based on available data, the classification criteria are not met.

STOT-single exposure

May cause drowsiness or dizziness.

STOT-repeated exposure

Based on available data, the classification criteria are not met.

Aspiration hazard

Product/substance	hydrogen peroxide

Based on available data, the classification criteria are not met.

Long term effects

The product contains substances that cause serious eye damage. Contact with these substances can cause irreversible effects on the eye / serious eye damage.

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Product/substance	hydrogen peroxide
Species:	Fish, Pimephales promelas
Duration:	96 hours
Test:	LC50
Result:	16,4 mg/L

According to GHS Rev. 8, 2019

Product/substance	hydrogen peroxide
Species:	Fish, <i>Leuciscus idus</i>
Duration:	72 hours
Test:	LC50
Result:	35 mg/L

Product/substance	hydrogen peroxide
Species:	Fish, <i>Oncorhynchus mykiss</i>
Duration:	7 days
Test:	LC50
Result:	38,5 mg/L

Product/substance	hydrogen peroxide
Species:	<i>Daphnia pulex</i>
Duration:	48 hours
Test:	EC50
Result:	2,4 mg/L

Product/substance	hydrogen peroxide
Species:	<i>Daphnia magna</i>
Duration:	24 hours
Test:	EC50
Result:	7,7 mg/L

Product/substance	hydrogen peroxide
Species:	<i>Skeletonema costatum</i>
Duration:	72 hours
Test:	EC50
Result:	1,38 mg/L

Product/substance	hydrogen peroxide
Test method:	OECD 209
Species:	Bacteria
Compartment:	Activated Sludge Plant
Duration:	30 minutes
Test:	EC50
Result:	466 mg/L

Product/substance	hydrogen peroxide
Test method:	OECD 209
Species:	Bacteria
Compartment:	Activated Sludge Plant
Duration:	3 hours
Test:	EC50
Result:	> 1.000 mg/L

Based on available data, the classification criteria are not met.

12.2. Persistence and degradability

Product/substance	hydrogen peroxide
Conclusion:	Readily biodegradable

12.3. Bioaccumulative potential

Product/substance	hydrogen peroxide
LogKow:	-1,57
Conclusion:	-

According to GHS Rev. 8, 2019

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

This mixture/product does not contain any substances known to fulfil the criteria for PBT and vPvB classification.

12.6. Other adverse effects

None known.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste treatment methods

Dispose of contents/container to an approved waste disposal plant.

Specific labelling

Contaminated packing

Packaging containing residues of the product must be disposed of similarly to the product.

SECTION 14: TRANSPORT INFORMATION

	14.1 UN / ID	14.2 UN proper shipping name	14.3 Hazard class(es)	14.4 PG*	14.5 Env**	Other informatio n:
ADR	UN2014	HYDROGEN PEROXIDE, AQUEOUS SOLUTION with not less than 20% but not more than 60% hydrogen peroxide (stabilized as necessary)	Transport hazard class: 5.1 Label: 5.1+8 Classification code: OC1  	II	No	Limited quantities: 1 L Tunnel restriction code: (E) See below for additional information.
IMDG	UN2014	HYDROGEN PEROXIDE, AQUEOUS SOLUTION with not less than 20% but not more than 60% hydrogen peroxide (stabilized as necessary)	Transport hazard class: 5.1 Label: 5.1+8 Classification code: OC1  	II	No	Limited quantities: 1 L EmS: F-H S-Q See below for additional information.
IATA	UN2014	HYDROGEN PEROXIDE, AQUEOUS SOLUTION with not less than 20% but not more than 60% hydrogen peroxide (stabilized as necessary)	Transport hazard class: 5.1 Label: 5.1+8 Classification code: OC1  	II	No	See below for additional information.

* Packing group

** Environmental hazards

Additional information

This product is within scope of the regulations of transport of dangerous goods.

ADR / See Table A, section 3.2.1 for any information on special provisions, requirements, or warnings in connection with transport. See section 5.4.3, for instructions in writing regarding mitigation of damages in relation to incidents or accidents during transport.

IMDG / See section 3.2.1, for any information on special provisions, requirements, or warnings in connection with transport.

IATA / See Table 4.2 for any information on special provisions, requirements, or warnings in connection with transport.

14.6. Special precautions for user

Not applicable.

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

No data available.

SECTION 15: REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Restrictions for application:

Restricted to professional users.

People under the age of 18 shall not be exposed to this product.

Demands for specific education:

No specific requirements.

Additional information:

Not applicable.

Sources:

Globally Harmonized System of Classification and Labelling of Chemicals (GHS Rev. 8, 2019)

15.2. Chemical safety assessment

No

SECTION 16: OTHER INFORMATION

Full text of H-phrases as mentioned in section 3

H271, May cause fire or explosion; strong oxidiser.

H302, Harmful if swallowed.

H314, Causes severe skin burns and eye damage.

H315, Causes skin irritation.

H318, Causes serious eye damage.

H319, Causes serious eye irritation.

H332, Harmful if inhaled.

H336, May cause drowsiness or dizziness.

The full text of identified uses as mentioned in section 1

None known.

Abbreviations and acronyms

ACGIH = American Conference of Governmental Industrial Hygienists

ADN = European Provisions concerning the International Carriage of Dangerous Goods by Inland Waterway

ADR = The European Agreement concerning the International Carriage of Dangerous Goods by Road

ATE = Acute Toxicity Estimate

BCF = Bioconcentration Factor

CAS = Chemical Abstracts Service

CERCLA = Comprehensive Environmental Response Compensation and Liability Act

DOT = Department of Transportation

EINECS = European Inventory of Existing Commercial chemical Substances

EPCRA = Emergency Planning and Community Right-To-Know Act

GHS = Globally Harmonized System of Classification and Labelling of Chemicals

HCIS = Hazardous Chemical Information System

HNOC = Hazards Not Otherwise Classified

IARC = International Agency for Research on Cancer

IATA = International Air Transport Association

IMDG = International Maritime Dangerous Goods

LogPow = logarithm of the octanol/water partition coefficient

MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)

NFPA = National Fire Protection Association

NIOSH = National Institute for Occupational Safety and Health

OECD = Organisation for Economic Co-operation and Development

OSHA = Occupational Safety and Health Administration

PBT = Persistent, Bioaccumulative and Toxic

RCRA = Resource Conservation and Recovery Act

RID = The Regulations concerning the International Carriage of Dangerous Goods by Rail

RRN = REACH Registration Number

SARA = Superfund Amendments and Reauthorization Act

SCL = A specific concentration limit.

STEL = Short-term exposure limits

STOT-RE = Specific Target Organ Toxicity - Repeated Exposure

STOT-SE = Specific Target Organ Toxicity - Single Exposure

TSCA = The Toxic Substances Control Act

TWA = Time weighted average

UN = United Nations

UVBC = Unknown or variable composition, complex reaction products or of biological materials

VOC = Volatile Organic Compound

vPvB = Very Persistent and Very Bioaccumulative

Additional information

In accordance with GHS the evaluation of the classification of the mixture is based on:

The classification of the mixture in regard of health hazards is in accordance with the calculation methods given by GHS.

The safety data sheet is validated by

Quality & Compliance

Other

A change (in proportion to the last essential change (first cipher in SDS version, see section 1)) is marked with a triangle.

The information in this safety data sheet applies only to this specific product (mentioned in section 1) and is not necessarily correct for use with other chemicals/products.

It is recommended to hand over this safety data sheet to the actual user of the product. Information in this safety data sheet cannot be used as a product specification.

Country-language: QA-en

FIȘĂ CU DATE DE SECURITATE

iT.34 laundry stainremover pro active oxygen

SECȚIUNEA 1: IDENTIFICAREA SUBSTANȚEI/AMESTECULUI ȘI A SOCIETĂȚII/ÎNȚREPRINDERII

1.1. Element de identificare a produsului

Nume comercial:

iT.34 laundry stainremover pro active oxygen

Identificator de formulă unic (UFI):

KWY8-NP05-J88H-EC1G

1.2. Utilizări relevante identificate ale substanței sau ale amestecului și utilizări contraindicate

Utilizări de identificare relevante ale substanței sau amestecurilor:

Detergenți și agenți de curățare (inclusiv cei pe bază de solvenți)

Utilizare limitată numai în scopuri profesionale.

Utilizați împotriva:

Nimeni familiar.

1.3. Detalii privind furnizorul fișei cu date de securitate

Companie și adresă:

Hygeniq B.V.

Postbus 618

7500 AP Enschede

The Netherlands

+31 53 4282860

+31 53 5393865

www.hygeniq.com

E-mail:

info@hygeniq.com

Revizuire:

15.08.2025

Versiune SDS:

1.0

1.4. Număr de telefon care poate fi apelat în caz de urgență

BIROUL PT REGULAMENTUL SANITAR INTERNATIONAL SI INFORMARE TOXICOLOGICA: (+40) 21 599 2300

Vedeți secțiunea 4 - Măsuri de prim ajutor

SECȚIUNEA 2: IDENTIFICAREA PERICOLELOR

Clasificat conform Regulamentului (CE) nr. 1272/2008 (CLP).

2.1. Clasificarea substanței sau a amestecului

Met. Corr. 1; H290, Poate fi corosiv pentru metale.

Acute Tox. 4; H302, Nociv în caz de înghițire.
Skin Irrit. 2; H315, Provoacă iritarea pielii.
Eye Dam. 1; H318, Provoacă leziuni oculare grave.
STOT SE 3; H336, Poate provoca somnolență sau amețeață.

2.2. Elemente pentru etichetă

Pictograma periculoasă:



Cuvânt de semnal:

Pericol

Declarație periculoasă:

Poate fi corosiv pentru metale. (H290)
Nociv în caz de înghițire. (H302)
Provoacă iritarea pielii. (H315)
Provoacă leziuni oculare grave. (H318)
Poate provoca somnolență sau amețeață. (H336)

Fraze de precauție:

General:

Nu este aplicabil.

Prevenire:

Spălați-vă pielea expusă și mâini bine după utilizare. (P264)
Purtați protecția ochilor/mănuși de protecție/echipament de protecție. (P280)

Raspuns:

ÎN CAZ DE CONTACT CU OCHII: Clătiți cu atenție cu apă timp de mai multe minute. Scoateți lentilele de contact, dacă este cazul și dacă acest lucru se poate face cu ușurință. Continuați să clătiți. (P305+P351+P338)
Absorbiți scurgerile de produs, pentru a nu afecta materialele din apropiere. (P390)

Stocare:

A se depozita într-un recipient cu dublură interioară rezistentă la coroziune. (P406)

Aruncare:

Aruncați conținutul/recipientul în conformitate cu reglementările locale (P501)

Identitatea substanțelor ce sunt responsabile pentru majoritatea pericolelor de sănătate.:

peroxid de hydrogen, soluție 35%

Etichetare adițională:

UFI: KQY8-NP05-J88H-EC1G

Etichetarea conținutului în conformitate cu Regulamentul privind detergenții 648/2004 (aplicabil ambalajelor detergenților vânduți publicului larg):

≥ 30%

· Agenți de înălbire pe bază de oxigen

2.3. Alte pericole

Avertismente adiționale:

Acest amestec/produs nu conține nicio substanță care îndeplinește criteriile de clasificare ca PBT și/sau vPvB.
Acest produs nu conține substanțe considerate a fi perturbatoare endocrine în conformitate cu criteriile incluse în Regulamentul Delegat al Comisiei (UE) 2017/2100 sau Regulamentul Comisiei (UE) 2023/707.

SECȚIUNEA 3: COMPOZIȚIE/INFORMAȚII PRIVIND COMPONENTII

3.1. Substanțe

Nu este aplicabil. Acest produs este un amestec.

3.2. Amestecuri

Produs/ingredient	Identificatori	% w/w	Clasificare	Notițe
peroxid de hydrogen, soluție 35%	Nr. CAS: 7722-84-1 Nr. CE: 231-765-0 REACH: 01-2119485845-22-XXXX Nr. de index: 008-003-00-9	30-50%	Ox. Liq. 1, H271 Acute Tox. 4, H302 Skin Corr. 1A, H314 (SCL: 70,00 %) Skin Corr. 1B, H314 (SCL: 50,00 %) Skin Irrit. 2, H315 (SCL: 35,00 %) Eye Dam. 1, H318 (SCL: 8,00 %) Eye Irrit. 2, H319 (SCL: 5,00 %) Acute Tox. 4, H332 STOT SE 3, H336 (SCL: 35,00 %)	

Vedeți textul complet al frazelor H în secțiunea 16. Limitele de expunere ocupaționale sunt listate în secțiunea 8, dacă sunt disponibile.

Alte informații

-

SECȚIUNEA 4: MĂSURI DE PRIM AJUTOR

4.1. Descrierea măsurilor de prim ajutor

Informații generale:

În cazul accidentului contactați imediat doctorul sau departamentul în cauză. Luați cu dvs. Eticheta sau dateșe de siguranță.

Contactați un doctor, dacă aveți dubii cu privire la condițiile persoanei rănite sau dacă simptomele continuă.

Niciodată nu oferiți unei persoane inconștientă apă sau produse similare.

Inhalare:

La dificultăți de respirație sau iritații ale tractului respirator: Scoateți persoana la aer curat și rămâneți cu ea.

Contact cu pielea:

ÎN CAZ DE CONTACT CU PIELEA: spălați cu multă apă/apă și săpun.

Îndepărtați hainele și pantofii contaminați. Pielea care a intrat în contact cu materialul trebuie să fie spălată corespunzător cu apă și săpun. NU folosiți solvenți sau diluanți.

În caz de iritare a pielii: consultați medicul.

Contactul cu ochii:

ÎN CAZ DE CONTACT CU OCHII: Clătiți ochii cu foarte multă apă și apă sărată (20-30 °C) pentru cel puțin 30 minute și continuați până ce se oprește iritația. Îndepărtați lentilele de contact. Asigurați-vă că vă clătiți pleoapele superioare și partea inferioară. Solicitați imediat asistență medicală și continuați clătirea în timpul transportului.

Înghițire:

ÎN CAZ DE ÎNGHIȚIRE: Sunați la un CENTRU DE INFORMARE TOXICOLOGICĂ/un medic dacă nu vă simțiți bine.

Clătiți gura.

Arsuri:

Nu este aplicabil.

4.2. Cele mai importante simptome și efecte, atât acute, cât și întârziate

Produsul conține substanțe care provoacă leziuni oculare grave. Contactul cu aceste substanțe poate provoca efecte permanente asupra ochilor/leziuni oculare grave.

4.3. Indicații privind orice fel de asistență medicală imediată și tratamentele speciale necesare

ÎN CAZ DE expunere sau de posibilă expunere:

Consultați imediat medicul.

Informații pentru medici

Aduceți fișă cu date de securitate și eticheta materialului cu dvs.

SECȚIUNEA 5: MĂSURI DE COMBATERE A INCENDIILOR

5.1. Mijloace de stingere a incendiilor

Nu este aplicabil.

5.2. Pericole speciale cauzate de substanța sau de amestecul în cauză

Focul va rezulta într-un fum gros. Expunerea la produsele catabolice pot dăuna sănătății. Containerele închise ce sunt expuse la foc trebuie să fie răcite cu apă. Nu lăsați apa din extincatoare de foc să intre în containere și alți curenți de apă.

5.3. Recomandări destinate pompierilor

Purtați aparate de respirație independente și echipamente de protecție pentru a preveni contactul.

SECȚIUNEA 6: MĂSURI DE LUAT ÎN CAZ DE DISPERSIE ACCIDENTALĂ

6.1. Precauții personale, echipament de protecție și proceduri de urgență

Evitați contactul direct cu substanțele ce au curs.

Asigurați o ventilație adecvată, în special în spațiile închise.

Evitați inhalarea vaporilor de la materialele din deșeuri.

Zonele contaminate pot fi alunecoase.

6.2. Precauții pentru mediul înconjurător

Evitați descărcarea în lacuri, ape curgătoare, canale colectoare, etc.

Țineți persoanele neautorizate departe de deversare.

6.3. Metode și material pentru izolarea incendiilor și pentru curățenie

Opriti și colectați scurgerile cu material necombustibil, absorbant, de ex. nisip, pământ, vermiculită sau pământ de diatomee, și puneți-le într-un recipient pentru eliminare în conformitate cu reglementările locale.

Curățarea trebuie să fie făcută cât mai departe posibil utilizând agenți de curățare. Nu utilizați solvenți.

6.4. Trimitere la alte secțiuni

Vedeți secțiunea 13 Considerații privind eliminarea - pentru manipularea deșeurilor.

Vedeți secțiunea 8 Controale ale expunerii/protecția personală măsuri de protecție.

SECȚIUNEA 7: MANIPULAREA ȘI DEPOZITAREA

7.1. Precauții pentru manipularea în condiții de securitate

Evitați contactul direct cu produsul.

Fumatul, consumul alimentelor și lichidelor, și stocarea tutunului, alimentelor și lichidelor nu este permisă în zonele de lucru.

Vedeți secțiunea Controale ale expunerii/protecția personală pentru informații privind măsuri de protecție personală.

7.2. Condiții de depozitare în condiții de securitate, inclusiv eventuale incompatibilități

Containerele care au fost deschise trebuie să fie eliberate cu atenție și menținute drepte pentru a preveni scurgerile.

A se depozita într-un recipient cu dublură interioară rezistentă la coroziune.

Compatibilitățile privind ambalarea:

A se păstra numai în ambalajul original.

Condiții de depozitare:

Uscată, răcoroasă și bine ventilată

Materiale incompatibile:

A se păstra numai în ambalajul original.

7.3. Utilizare (utilizări) finala (finale) specifică (specifice)

Acest produs trebuie să fie utilizat doar pentru aplicarea descrisă în secțiunea 1.2.

SECȚIUNEA 8: CONTROALE ALE EXPUNERII/PROTECȚIA PERSONALĂ

8.1. Parametri de control

Produsul nu conține nicio substanță menționată în lista de substanțe cu o limită de expunere profesională, valabilă în România.

DNEL

peroxid de hidrogen, soluție 35%

Durata:	Ruta expunerii:	DNEL:
Termen lung - efecte locale - lucrători	Inhalare	1.4 mg/m ³
Termen lung - efecte locale - populație generală	Inhalare	0,21 mg/m ³
Termen lung - efecte locale - populație generală	Inhalare	210 µg/m ³
Termen scurt - efecte locale - lucrători	Inhalare	3 mg/m ³
Termen scurt - efecte locale - populație generală	Inhalare	1.93 mg/m ³

PNEC

peroxid de hidrogen, soluție 35%

Ruta expunerii:	Durata expunerii:	PNEC:
Apă de mare		0,047 mg/L
Apă de mare		12.6 µg/L
Apă dulce		0,0126 mg/L
Apă dulce		12.6 µg/L
Eliberare intermitentă (apă dulce)		13.8 µg/L
Sedimente de apă de mare		0,047 mg/L
Sedimente de apă de mare		47 µg/kg
Sedimente de apă dulce		0,047 mg/kg
Sedimente de apă dulce		47 µg/kg
Sol		0,023 mg/kg
Sol		1.9 µg/kg
Stație de epurare a apelor uzate		466 mg/L

8.2. Controale ale expunerii

Controlați aplicarea în general pentru a preveni expunerea inutilă.

Recomandări generale:

Fumatul, consumul alimentelor și lichidelor, și stocarea tutunului, alimentelor și lichidelor nu este permisă în zonele de lucru.

Scenariile de expunere:

Este conform cu Regulamentul (CE) nr. 1907/2006 (REACH), Anexa II, amendată prin Regulamentul (UE) nr. 2020/878

Nu există scenarii de expunere implementate pentru acest produs

Limite expunere:

Dacă nu există limite maxime de expunere pentru substanțe conținute în acest produs.

Măsuri tehnice corespunzătoare:

Asigurați-vă că stațiile de spălare a ochilor și dușurile de siguranță sunt situate la îndemână.

Aplicați măsurile standard de precauție în timpul utilizării produsului. Evitați inhalarea vaporilor.

Măsuri de igiena:

Scoateți îmbrăcămintea contaminată și spălați-o înainte de reutilizare.

Măsuri pentru evitarea expunerii la mediu:

Nu există cerințe specifice.

Măsuri de protecție individuale, cum ar fi echipamente de protecție personale

General:

Utilizați doar echipamentele de protecție marcate CE

Echipament de respirație:

Situație de lucru	Tipul	Clasa	Culoare	Standardele	
În cazul în care există riscul formării de vapori/aerosoli	Dacă ventilația de la locul de muncă nu este suficientă, utilizați toată masca cu filtrul corespunzător sau o protecție cu aer			EN136	

Protecția pielii:

Recomandat	Tip/Categoria	Standardele	
Echipamentul special de lucru trebuie utilizat	-	-	

Protecția mâinii:

Situație de lucru	Material	Grosimea minimă a stratului (mm)	Timpul de perforare (min.)	Standardele	
În cazul expunerii prelungite sau al concentrațiilor ridicate	Cauciuc nitrilic	0,4	> 480	EN374-2, EN16523-1, EN388	
În cazul expunerii prelungite sau al concentrațiilor ridicate	Cauciuc butil	0,7	> 480	EN374-2, EN16523-1, EN388, EN421	

Protecția ochilor:

Tipul	Standardele	
Purtați ochelari cu protecție laterală.	EN166	

SECȚIUNEA 9: PROPRIETĂȚILE FIZICE ȘI CHIMICE

9.1. Informații privind proprietățile fizice și chimice de bază

Forma:

Lichid

Culoare:

Incolor

Parfum / Pragul de acceptare a mirosului (ppm):

Caracteristic

pH:

2.5

Densitate (g/cm³):

1,1 (20 °C)

Viscozitatea cinematică:

Nu există date disponibile.

Caracteristicile particulei:

Nu se aplică lichidelor.

Modificari fazice

Punctul de topire/punctul de înghețare (°C):

Nu există date disponibile.

Punctul / intervalul de înmuiere (°C):

Nu se aplică lichidelor.

Punct de fierbere (°C):

100

Presiune vaporica:

Nu există date disponibile.

Densitatea relativă a vaporilor:

Nu există date disponibile.

Temperatura de descompunere (°C):

Nu există date disponibile.

Date privind focul și pericolele de explozie

Temperatura de aprindere (°C):

Nu există date disponibile.

Inflamabilitatea (°C):

Nu există date disponibile.

Temperatura de autoaprindere (°C):

Nu există date disponibile.

Limite expunere (Vol%):

Nu există date disponibile.

Solubilitate

Solubilitate în apă:

Complet solubil

n-octanol/ coeficient apă (LogKow):

Nu există date disponibile.

Solubilitate în grasimi (g/L):

Nu există date disponibile.

9.2. Alte informații

Alți parametri fizici și chimici:
Nu există date disponibile.

Proprietăți oxidante:
Nu există date disponibile.

SECȚIUNEA 10: STABILITATE ȘI REACTIVITATE

10.1. Reactivitate

Nu există date disponibile.

10.2. Stabilitate chimică

Produsul este stabil în conformitate cu condițiile, notate în secțiunea 7 "Manipularea și depozitarea"

10.3. Posibilitatea de reacții periculoase

Nimeni familiar.

10.4. Condiții de evitat

Nimeni familiar.

10.5. Materiale incompatibile

A se păstra numai în ambalajul original.

10.6. Produși de descompunere periculoși

În condiții normale de depozitare și utilizare, nu ar trebui să se genereze produși de descompunere periculoși.

SECȚIUNEA 11: INFORMAȚII TOXICOLOGICE

11.1. Informații privind clasele de pericol definite în Regulamentul (CE) nr. 1272/2008

Toxicitate acută

Produs/ingredient	peroxid de hydrogen, solutie 35%
Specii:	Șobolan
Ruta expunerii:	Orală
Test:	LD50
Rezultat:	1.193 - 1.270 mg/L

Produs/ingredient	peroxid de hydrogen, solutie 35%
Specii:	Îepure
Ruta expunerii:	Epidermică
Test:	LD50
Rezultat:	>2.000 (35% oplossing) mg/kg

Nociv în caz de înghițire.

Coroziunea/ iritația pielii

Produs/ingredient	iT.34 laundry stainremover pro active oxygen
Rezultat:	Se observă efecte adverse (Iritant)

Produs/ingredient	peroxid de hydrogen, solutie 35%
Rezultat:	Se observă efecte adverse (Iritant)

Provoacă iritarea pielii.

Daune serioase ale ochilor/ iritație

Produs/ingredient	iT.34 laundry stainremover pro active oxygen
Rezultat:	Se observă efecte adverse (Provoacă leziuni oculare grave)

Produs/ingredient	peroxid de hydrogen, solutie 35%

Rezultat: Se observă efecte adverse (Provoacă leziuni oculare grave)

Provoacă leziuni oculare grave.

Sensibilizarea căilor respiratorii

Produs/ingredient peroxid de hydrogen, soluție 35%

Rezultat: Nu se observă efecte adverse (nesensibilizând)

Pe baza datelor disponibile, criteriile de clasificare nu sunt îndeplinite.

Sensibilizarea pielii

Pe baza datelor disponibile, criteriile de clasificare nu sunt îndeplinite.

Mutație celule embrioni

Pe baza datelor disponibile, criteriile de clasificare nu sunt îndeplinite.

Cancerigenitate

Produs/ingredient peroxid de hydrogen, soluție 35%

Concluzie: Nu se observă efecte adverse

Pe baza datelor disponibile, criteriile de clasificare nu sunt îndeplinite.

Toxicitate reproductivă

Produs/ingredient peroxid de hydrogen, soluție 35%

Concluzie: Nu se observă efecte adverse

Pe baza datelor disponibile, criteriile de clasificare nu sunt îndeplinite.

Expunere singulară STOT

Poate provoca somnolență sau amețeală.

Expunere repetată STOT

Pe baza datelor disponibile, criteriile de clasificare nu sunt îndeplinite.

Aspirare periculoasă

Produs/ingredient peroxid de hydrogen, soluție 35%

Pe baza datelor disponibile, criteriile de clasificare nu sunt îndeplinite.

11.2. Informații privind alte pericole

Efecte pe termen lung

Produsul conține substanțe care provoacă leziuni oculare grave. Contactul cu aceste substanțe poate provoca efecte permanente asupra ochilor/leziuni oculare grave.

Proprietăți de perturbator endocrin

Acest amestec/produs nu conține nicio substanță considerată a avea proprietăți de perturbare hormonală în ceea ce privește sănătatea.

Alte informații

peroxid de hydrogen, soluție 35%: Substanța a fost clasificată în grupa 3 de către IARC.

SECȚIUNEA 12: INFORMAȚII ECOLOGICE

12.1. Toxicitatea

Produs/ingredient peroxid de hydrogen, soluție 35%

Specii: Pește, *Pimephales promelas*

Durată: 96 ore

Test: LC50

Rezultat: 16,4 mg/L

Produs/ingredient peroxid de hydrogen, soluție 35%

Specii: Pește, *Leuciscus idus*

Durată: 72 ore

Este conform cu Regulamentul (CE) nr. 1907/2006 (REACH), Anexa II, amendată prin Regulamentul (UE) nr. 2020/878

Test: LC50
Rezultat: 35 mg/L

Produs/ingredient peroxid de hydrogen, solutie 35%
Specii: Pește, *Oncorhynchus mykiss*
Durata: 7 de zile
Test: LC50
Rezultat: 38,5 mg/L

Produs/ingredient peroxid de hydrogen, solutie 35%
Specii: *Daphnia pulex*
Durata: 48 ore
Test: EC50
Rezultat: 2,4 mg/L

Produs/ingredient peroxid de hydrogen, solutie 35%
Specii: *Daphnia magna*
Durata: 24 ore
Test: EC50
Rezultat: 7,7 mg/L

Produs/ingredient peroxid de hydrogen, solutie 35%
Specii: *Skeletonema costatum*
Durata: 72 ore
Test: EC50
Rezultat: 1,38 mg/L

Produs/ingredient peroxid de hydrogen, solutie 35%
Metoda de testare: OECD 209
Specii: Bacterii
Compartimentul de mediu Stație de nămoluri uzate
:
Durata: 30 minutes
Test: EC50
Rezultat: 466 mg/L

Produs/ingredient peroxid de hydrogen, solutie 35%
Metoda de testare: OECD 209
Specii: Bacterii
Compartimentul de mediu Stație de nămoluri uzate
:
Durata: 3 ore
Test: EC50
Rezultat: > 1.000 mg/L

Pe baza datelor disponibile, criteriile de clasificare nu sunt îndeplinite.

12.2. Persistența și degradabilitatea

Produs/ingredient peroxid de hydrogen, solutie 35%
Concluzie: Biodegradabilitate rapidă

12.3. Potențialul de bioacumulare

Produs/ingredient peroxid de hydrogen, solutie 35%
LogKow: -1,57
Concluzie: -

12.4. Mobilitatea în sol

Este conform cu Regulamentul (CE) nr. 1907/2006 (REACH), Anexa II, amendată prin Regulamentul (UE) nr. 2020/878

Nu există date disponibile.

12.5. Rezultatele evaluărilor PBT și vPvB

Acest amestec/produs nu conține nicio substanță care îndeplinește criteriile de clasificare ca PBT și/sau vPvB.

12.6. Proprietăți de perturbator endocrin

Produs/ingredient iT.34 laundry stainremover pro active oxygen
Concluzie: Nu se observă efecte adverse

Acest amestec/produs nu conține nicio substanță considerată a avea proprietăți de perturbare a sistemului endocrin în raport cu mediul.

12.7. Alte efecte adverse

Nimeni familiar.

SECȚIUNEA 13: CONSIDERAȚII PRIVIND ELIMINAREA

13.1. Metode de tratare a deșeurilor

Acest produs este acoperit de regulamentele privind deșeurile periculoase. (*)

HP 6 - Toxicitate acută

HP 8 - Corozive

Aruncați conținutul/recipientul la într-o fabrică de depozitare de deșuri aprobată.

Regulamentul (UE) NR. 1357/2014 al Comisiei din 18 decembrie 2014 privind deșeurile.

Cod EWC:

20 01 29* Detergenți conținând substanțe periculoase

Ambalare contaminată

Pachetele ce conțin resturi din produse trebuie dispuse în același loc ca și produsul.

SECȚIUNEA 14: INFORMAȚII REFERITOARE LA TRANSPORT

	14.1 ONU	14.2 Denumirea corectă ONU pentru expediție	14.3 Clasa (clasele) de pericol pentru transport	14.4 PG*	14.5. Env**	Alte informații:
ADR	UN2014	PEROXID DE HIDROGEN ÎN SOLUȚIE APOASĂ conținând cel puțin 20%, dar nu mai mult de 60% peroxid de hidrogen (stabilizat după necesități)	Clasa: 5.1 Etichete: 5.1+8 Cod de clasificare: OC1  	II	Nu	Cantități limitate: 1 L Cod restricție tunel: (E) Consultați mai jos informațiile suplimentare.
IMDG	UN2014	HYDROGEN PEROXIDE, AQUEOUS SOLUTION with not less than 20% but not more than 60% hydrogen peroxide (stabilized as necessary)	Clasa: 5.1 Etichete: 5.1+8 Cod de clasificare: OC1  	II	Nu	Cantități limitate: 1 L EmS: F-H S-Q Consultați mai jos informațiile suplimentare.

Este conform cu Regulamentul (CE) nr. 1907/2006 (REACH), Anexa II, amendată prin Regulamentul (UE) nr. 2020/878

	14.1 ONU	14.2 Denumirea corectă ONU pentru expediție	14.3 Clasa (clasele) de pericol pentru transport	14.4 PG*	14.5. Env**	Alte informații:
IATA	UN2014	HYDROGEN PEROXIDE, AQUEOUS SOLUTION with not less than 20% but not more than 60% hydrogen peroxide (stabilized as necessary)	Clasa: 5.1 Etichete: 5.1+8 Cod de clasificare: OC1  	II	Nu	Consultați mai jos informațiile suplimentare.

* Grupul de ambalare

** Pericole pentru mediul înconjurător

Informații adiționale

Acest produs este acoperit prin convențiile pentru bunurile periculoase.

ADR / Consultați tabelul A, secțiunea 3.2.1 pentru informații privind prevederile speciale, cerințele sau avertismentele legate de transport. Consultați secțiunea 5.4.3 pentru instrucțiuni în scris privind diminuarea daunelor în legătură cu incidentele sau accidentele din timpul transportului.

IMDG / Consultați secțiunea 3.2.1 pentru informații privind prevederile speciale, cerințele sau avertismentele legate de transport.

IATA / Consultați tabelul 4.2 pentru informații privind prevederile speciale, cerințele sau avertismentele legate de transport.

14.6. Precauții speciale pentru utilizatori

Nu este aplicabil.

14.7. Transportul maritim în vrac în conformitate cu instrumentele OMI

Nu există date disponibile.

SECȚIUNEA 15: INFORMAȚII DE REGLEMENTARE

15.1. Regulamente/legislație în domeniul securității, al sănătății și al mediului specifice (specifică) pentru substanța sau amestecul în cauză

Restricții pentru aplicare:

Utilizare limitată numai în scopuri profesionale.

Cerințe pentru instruire corespunzătoare:

Nu există cerințe specifice.

SEVESO - Categorii de substanțe periculoase / Denumirea substanțelor periculoase:

Nu este aplicabil.

Regulamentul privind precursorilor de explozivi:

peroxid de hydrogen, soluție 35% (Anexa I)

Etichetarea conținutului în conformitate cu Regulamentul privind detergenții 648/2004:

≥ 30%

· Agenți de înălbire pe bază de oxigen

Informații adiționale:

Nu este aplicabil.

Surse:

ORDIN nr. 753 din 16 octombrie 2006 privind protecția tinerilor în muncă, EMITENT: MINISTERUL MUNCII, SOLIDARITĂȚII SOCIALE ȘI FAMILIEI, Publicat în MONITORUL OFICIAL nr. 925 din 15 noiembrie 2006.

Regulamentul (CE) nr. 648/2004 al Parlamentului European și al Consiliului din 31 martie 2004 privind detergenții.

Regulamentul (UE) NR. 1357/2014 al Comisiei din 18 decembrie 2014 privind deșeurile.

Regulamentul (UE) 2019/1148 privind precursorilor de explozivi.

Regulamentul (CE) nr. 1272/2008 al Parlamentului European și al Consiliului din 16 decembrie 2008 privind clasificarea, etichetarea și ambalarea substanțelor și a amestecurilor (CLP).
Regulamentul (CE) nr. 1907/2006 al Parlamentului European și al Consiliului din 18 decembrie 2006 privind înregistrarea, evaluarea, autorizarea și restricționarea substanțelor chimice (REACH).

15.2. Evaluarea securității chimice

Nu

SECȚIUNEA 16: ALTE INFORMAȚII

Textul complet al frazelor H sunt menționate în secțiunea 3.

H271, Poate provoca un incendiu sau o explozie; oxidant puternic.
H302, Nociv în caz de înghițire.
H314, Provoacă arsuri grave ale pielii și lezarea ochilor.
H315, Provoacă iritarea pielii.
H318, Provoacă leziuni oculare grave.
H319, Provoacă o iritare gravă a ochilor.
H332, Nociv în caz de inhalare.
H336, Poate provoca somnolență sau amețeală.

Abrevieri și acronime

ADN = Prevederile Europene privind Transportul Internațional de Mărfuri Periculoase pe Ape Continentale
ADR = Acordul European privind Transportul Internațional Rutier de Mărfuri Periculoase
TAE = Toxicitate Acută Estimată
FBC = Factor de Bioconcentrație
CAS = Serviciul de Catalogare al Chimicalelor
CE = Conformité Européenne
CLP = Regulamentul privind Clasificarea, Etichetarea și Ambalarea [Regulamentul (CE) Nr. 1272/2008
COV = Compus Organic Volatil
CSA = Evaluare privind Siguranța Chimică
CSR = Raport privind Siguranța Chimică
DNEL = Nivel Fără Efect
EINECS = Inventarul European al Substanțelor Chimice Existente pe piață
ES = Scenariu de Expunere
specificare EUH = specificare privind pericolul specifică CLP
EuPCS = Sistemul european de clasificare a produselor
EWC = Catalog European pentru Deșeuri
GHS = Sistem Global Harmonizat al Clasificării și Etichetării Chimicalelor
GWP = Potențialul de încălzire globală
IATA = Asociația Internațională a Transportului Aerian
IBC = Container Intermediar Vrac IMDG = Internațional Maritim Mărfuri Periculoase
LogPow = logaritmul octanolului/coeficient al partiției apei
MARPOL 73/78 = Convenția Internațională pentru Prevenirea Poluării provenite de la Nave, 1973 așa cum a fost modificată prin Protocolul din 1978 ("Marpol" = poluare marină)
OECD = Organizația pentru Cooperarea Economică și Dezvoltare
PBT = Persistent, Biocumulativ și Toxic
PNEC = Concentrație Prevăzută Fără Efect
RID = Regulamentul privind Transportul Internațional Feroviar al Mărfurilor Periculoase
RRN = Număr Înregistrare REACH
SCL = Concentrație specifică.
SVHC = Substanțe de Foarte Mare Îngrijorare
STOT-RE = Toxicitate Organ Țintă Specifică - Expunere Repetată
STOT-SE = Toxicitate Organ Țintă Specifică - Expunere Unică
VLA = Medie cântărită în timp

Este conform cu Regulamentul (CE) nr. 1907/2006 (REACH), Anexa II, amendată prin Regulamentul (UE) nr. 2020/878

UN = Națiunile Unite

UVCB = compoziție necunoscută sau variabilă, produse cu reacție complexă sau cu materiale biologice

vPvB = Foarte Persistent și Foarte Biocumulativ

Informații adiționale

Clasificarea amestecului cu privire la pericolele pentru sănătate este în conformitate cu metodele de calcul precizate în Regulamentul (CE) Nr. 1272/2008 (CLP).

Fișă cu date de securitate este validată de

Quality & Compliance

Altele

O modificare (în proporție cu ultima modificare esențială (primul cifru din versiunea SDS) este marcată cu un triunghi. Informațiile din fișă de securitate se aplică doar acestui produs specific (menționat în secțiunea 1) și nu este în mod necesar corect pentru utilizarea altor chimicale/ produse.

Este recomandat să predeați fișă cu date de securitate actualului utilizator al produsului. Informații cu privire la această fișă nu pot fi folosite ca și specificațiile produsului.

Țară-limbă: RO-ro

БЕЗБЕДНОСНИ ЛИСТ

iT.34 laundry stainremover pro active oxygen

ПОГЛАВЉЕ 1. ИДЕНТИФИКАЦИЈА ХЕМИКАЛИЈЕ И ПОДАЦИ О ЛИЦУ КОЈЕ СТАВЉА ХЕМИКАЛИЈУ У ПРОМЕТ

1.1. Идентификација хемикалије

Комерцијално име:

iT.34 laundry stainremover pro active oxygen

UFI:

KWY8-NP05-J88H-EC1G

1.2. Идентификовани начини коришћења хемикалије и начини коришћења који се не препоручују

Употреба материјала/смеше:

Детерџенти и средства за чишћење (укључујући и оне на бази растварача)

Дозвољено само за професионално коришћење.

Употребе које се не препоручују:

Нема познатих.

1.3. Подаци о снабдевачу

Компанија и адреса:

Hygeniq B.V.

Postbus 618

7500 AP Enschede

The Netherlands

+31 53 4282860

+31 53 5393865

www.hygeniq.com

Електронска адреса:

info@hygeniq.com

Датум безбедносног листа:

15.8.2025.

Верзија безбедносног листа:

1.0

1.4. Број телефона за хитне случајеве

Телефонски број хитне помоћ: 194

Дежурни токсиколог (24 сата дневно): +381 (11) 360 84 40

Центар за контролу тровања на ВМА, тел: +381 (11) 266 11 22, +381 (11) 266 27 55

Такође погледајте поглавље 4 за мере прве помоћи.

ПОГЛАВЉЕ 2. ИДЕНТИФИКАЦИЈА ОПАСНОСТИ

Класификовано у складу са Уредбом о класификацији, паковању, обележавању и оглашавању (Службени гласник РС, 105/13).

2.1. Класификација хемикалије

Met. Corr. 1; H290, Може бити корозивно за метале.
Acute Tox. 4; H302, Штетно ако се прогута.
Skin Irrit. 2; H315, Изазива иритацију коже.
Eye Dam. 1; H318, Доводи до тешког оштећења ока.
STOT SE 3; H336, Може да изазове поспаност и несвестицу.

2.2. Елементи обележавања

Пиктограм опасности:



Реч упозорења:

Опасност

Обавештење о опасности:

Може бити корозивно за метале. (H290)
Штетно ако се прогута. (H302)
Изазива иритацију коже. (H315)
Доводи до тешког оштећења ока. (H318)
Може да изазове поспаност и несвестицу. (H336)

Обавештење о мерама предострожности:

Опште:

Није применљиво.

Превенција:

Опрати руке и изложена кожа детаљно након руковања (P264)
Носити заштиту за очи/заштитне рукавице/заштитну одећу. (P280)

Реаговање:

АКО ДОСПЕ У ОЧИ: Пажљиво испирати водом неколико минута. Уклонити контактна сочива, уколико постоје и уколико је то могуће учинити. Наставити са испирањем. (P305+P351+P338)
Сакупити/ уклонити просути садржај ради спречавања материјалне штете. (P390)

Складиштење:

Чувати у амбалажи са унутрашњим слојем. (P406)

Одлагање:

Одлагање садржаја / амбалаже у складу са локалним прописима (P501)

Опасне материје:

hydrogen peroxide

Додатно обавештење о опасности:

UFI: KWy8-NP0S-J88H-EC1G

Означавање садржаја према ПРАВИЛНИК о детергентима (примењује се на амбалажу детерџента који се продају широј јавности):

≥ 30%

· Избељивачи на бази кисеоника

2.3. Остале опасности

Додатна упозорења:

Ова смеша/производ не садржи супстанце за које се сматра да испуњавају критеријуме да буду класификовани као ПБТ и/или ВПвБ.

Овај производ не садржи материје које се сматрају ендокриним дисрупторима у складу са критеријумима наведеним у Делегираној уредби Комисије (ЕУ) 2017/2100 или Уредби Комисије (ЕУ) 2023/707.

ПОГЛАВЉЕ 3. САСТАВ / ПОДАЦИ О СASTOЈЦИМА

3.1. Подаци о састојцима супстанце

Није применљиво. Овај производ је микстура.

3.2. Подаци о састојцима смеше

Хемијски назив	CAS / EC / индекса / REACH број	% w/w	Класификација	Напомена
hydrogen peroxide	CAS бр.: 7722-84-1 EC бр.: 231-765-0 REACH: 01-2119485845-22-XXXX Индекс бр. : 008-003-00-9	30-50%	Ox. Liq. 1, H271 Acute Tox. 4, H302 Skin Corr. 1A, H314 (SCL: 70,00 %) Skin Corr. 1B, H314 (SCL: 50,00 %) Skin Irrit. 2, H315 (SCL: 35,00 %) Eye Dam. 1, H318 (SCL: 8,00 %) Eye Irrit. 2, H319 (SCL: 5,00 %) Acute Tox. 4, H332 STOT SE 3, H336 (SCL: 35,00 %)	

Погледајте потпуни текст X-израза у поглавље 16. Границе изложености током рада наведене су у поглавље 8, ако су доступне.

Остали подаци

-

ПОГЛАВЉЕ 4. МЕРЕ ПРВЕ ПОМОЋИ

4.1. Опис мера прве помоћи

Опште информације:

Уколико је дисање неправилно, и јавља се поспаност, губитак свести или грчеви: Позовите 194 и одмах почните са мерама помоћи (прва помоћ).

Ако имате сумње у вези са стањем повређене особе или ако симптоми потрају, обратите се лекару. Никад несвесној особи немојте давати воду или неко друго пиће.

После удисања:

Потешкоће са дисањем или иритација дисајних путева: Изведите особу на свеж ваздух и останите уз ню.

У додиру са кожом:

АКО ДОСПЕ НА КОЖУ: Испрати са доста воде/вода и сапун.

Скините контаминирану одећу и обућу. Обавезно темелјно оперете изложену кожу водом и сапуном . НЕ користите раствараче или разређиваче.

Ако дође до иритације коже: Потражити медицински савет / мишљење.

Након контакта са очима:

АКО ДОСПЕ У ОЧИ: Испирајте очи са много воде или сланом водом (20-30 °C) најмање 30 минута и наставите са испирањем док иритација не престане. Извадите контактна сочива. Обавезно исперите подручје испод горњег и доњег капка. Одмах потражите лекарску помоћ и наставите са испирањем.

Након гутања:

АКО СЕ ПРОГУТА: Позвати ЦЕНТАР ЗА КОНТРОЛУ ТРОВАЊА/лекара ако се осећате лоше.

Испрати уста.

Сагоревање:

Није применљиво.

4.2. Најважнији симптоми и ефекти, акутни и одложени

Производ садржи супстанце које изазивају озбиљно оштећење очију. Контакт са овим супстанцама може изазвати неповратне ефекте на око/озбиљно оштећење ока.

4.3. Хитна медицинска помоћ и посебан третман

У СЛУЧАЈУ излагања или забринутости:

Хитно потражити медицински савет / мишљење

Информације за здравствене раднике

Донесите безбедносно упутство .

ПОГЛАВЉЕ 5. МЕРЕ ЗА ГАШЕЊЕ ПОЖАРА

5.1. Средства за гашење пожара

Није применљиво.

5.2. Посебне опасности које могу настати од супстанци и смеша

Пожар ће довести до стварања густог дима. Излагање запаливим производима може наштетити вашем здрављу. Затворене посуде изложене ватри требало би охладити водом. Не дозволите да вода за гашење пожара доспе у канализацију и оближње површинске токове.

5.3. Савет за ватрогасце

Носите изолациони апарат за дисање и заштитну одећу ради спречавања контакта. Након директног излагања контактирајте Национални центар за контролу тровања на број +381 (11) 360 84 40 (24 сата дневно) ради добијања додатних савета.

ПОГЛАВЉЕ 6. МЕРЕ У СЛУЧАЈУ УДЕСА

6.1. Личне предострожности, заштитна опрема и поступци у случају удеса

Избегавајте директан контакт са проливеним материјама.

Осигурајте адекватну вентилацију, посебно у затвореним просторима.

Избегавајте удисање испарења из просутог материјала.

Контаминирани простор може бити клизав.

6.2. Предострожности које се односе на животну средину

Избегавајте испуштање у језера, потоке, канализације итд.

Неовлашћене особе држите подаље од изливања.

6.3. Мере које треба предузети и материјал за спречавање ширења и санацију

Користите песак, земљу, вермикулит, диятомейску земљу да бисте задржали и купили незапаливе упијајуће материјале и ставите у контејнер за одлагање, у складу са локалним прописима.

Чишћење се у мери у којој је то могуће обавља нормалним средствима за чишћење. Избегавајте употребу растварача.

6.4. Упућивање на друга поглавља

Погледајте поглавље 13 „Одлагање” у вези са поступком за отпад.

За заштитне мере погледајте поглавље 8 „Контрола изложености и лична заштита”.

ПОГЛАВЉЕ 7. РУКОВАЊЕ И СКЛАДИШТЕЊЕ

7.1. Предострожности за безбедно руковање

Избегавајте директан контакт са производом.

Пушење, и конзумирање хране и пића нису дозвољени у радном простору.

За информације о личној заштити погледајте поглавље „Контрола изложености и лична заштита”.

7.2. Услови за безбедно складиштење, укључујући некомпатибилности

Према ПРАВИЛНИК о садржају безбедносног листа (Број: 110-00-27/2011-04)

Отворени контејнери се морају пажљиво затворити и држати усправно како би се спречило цуреније.

Чувати у амбалажи са унутрашњим слојем.

Препоручени материјал за складиштење:

Чувати само у оригиналној амбалажи.

Услови складиштења:

Суво, хладно и добро проветравано

Некомпатибилни материјали:

Чувати само у оригиналној амбалажи.

7.3. Посебни начини коришћења

Овај производ би требало користити само за примене наведене у поглавље 1.2

ПОГЛАВЉЕ 8. КОНТРОЛА ИЗЛОЖЕНОСТИ И ЛИЧНА ЗАШТИТА

8.1. Параметри контроле изложености

На националној листи супстанци са ограничењем у погледу изложености током рада није наведена ниједна супстанца.

DNEL

hydrogen peroxide

Трајање:	Пут експозиције:	DNEL:
Акутно - Локално - Потрошач	Инхалацијски	1.93 mg/m ³
Акутно - Локално - Радник	Инхалацијски	3 mg/m ³
Дугорочно - Локално - Потрошач	Инхалацијски	0,21 mg/m ³
Дугорочно - Локално - Потрошач	Инхалацијски	210 µg/m ³
Дугорочно - Локално - Радник	Инхалацијски	1.4 mg/m ³

PNEC

hydrogen peroxide

Пут експозиције:	Трајање изложености:	PNEC:
Морска вода		0,047 mg/L
Морска вода		12.6 µg/L
Периодично ослобађање (слатка вода)		13.8 µg/L
Постројењима за пречишћавање отпадних вода		466 mg/L
Седимент мора		0,047 mg/L
Седимент мора		47 µg/kg
Седимент слатке воде		0,047 mg/kg
Седимент слатке воде		47 µg/kg
Слатка вода		0,0126 mg/L
Слатка вода		12.6 µg/L
Тло		0,023 mg/kg
Тло		1.9 µg/kg

8.2. Контрола изложености и лична заштита

Извршите општу контролу да бисте спречили непотребно излагање.

Опште препоруке:

Пушење, и конзумирање хране и пића нису дозвољени у радном простору.

Према ПРАВИЛНИК о садржају безбедносног листа (Број: 110-00-27/2011-04)

Сценарији излагања:

За овај производ нису имплементирани сценарији изложености.

Границе излагања:

Границе изложености током рада нису дефинисане за супстанце у овом производу.

Одговарајући технички уређаји за управљање:

Осигурајте да се станице за испирање очију и безбедносни тушеви налазе на дохват руке.

Примените стандардне мере предострожности током употребе производа. Избегавајте удисање испарења.

Хигијенске мере:

Скинути контаминирану одећу и опрати је пре поновне употребе.

Мере спречавања контакта са животном средином:

Нема посебних захтева.

Опште мере заштите и хигијене

Генерално:

Користите само заштитну опрему са знаком СЕ.

Заштита дисајних путева:

Радна ситуација	Тип	Класа	Боя	Стандарди	
Када постоји опасност од магле/аеросола	Комплетна маска			EN136	

Заштита тела:

Препоручено	Тип / Категорија	Стандарди	
Posebna radna odeća	-	-	

Заштитне руке:

Радна ситуација	Материјал	Дебљина рукавице	Време продирања (Минути)	Стандарда	
У случају продуженог излагања или високе концентрације	Нитрилни каучук	0,4	> 480	EN374-2, EN16523-1, EN388	
У случају продуженог излагања или високе концентрације	Бутил гума	0,7	> 480	EN374-2, EN16523-1, EN388, EN421	

Заштита очију/лица:

Тур	Стандарди	
Заштитне наочаре са бочним штитницима	EN166	

ПОГЛАВЉЕ 9. ФИЗИЧКА И ХЕМИЈСКА СВОЈСТВА

9.1. Подаци о основним физичким и хемијским својствима хемикалије

Изгледу - агрегатно стање:

Течно

Боји:

Безбойно

Мирису / Прагу мириса (ppt):

Карактеристично

pH:

2.5

Релативна густина (g/cm³):

1,1 (20 °C)

Кинематичка вискозност:

Нема доступних података.

Карактеристике честица:

Не односи се на течности

Фазне промене

Тачка топљења / тачка мржњења (°C):

Нема доступних података.

Тачка/опсег омекшавања (°C):

Не односи се на течности

Почетна тачка кључања и опсег кључања (°C):

100

Напон паре:

Нема доступних података.

Релативна густина паре:

Нема доступних података.

Температура разлагања (°C):

Нема доступних података.

Подаци о опасностима од пожара и експлозије

Запаљивост (чврсто, гасовито):

Нема доступних података.

Тачка паљења (°C):

Нема доступних података.

Температура самопаљења (°C):

Нема доступних података.

Горња / доња граница запаљивости или експлозивности (%v/v):

Нема доступних података.

Растворљивост

Растворљивост у вода:

У потпуности растворљив

Коефицијент расподеле у систему n-октанол/вода (LogKow):

Нема доступних података.

Растворљивост у масти (g/L):

Нема доступних података.

9.2. Остали подаци

Остали физички и хемијски параметри:

Нема доступних података.

Оксидујућа својства:

Нема доступних података.

ПОГЛАВЉЕ 10. СТАБИЛНОСТ И РЕАКТИВНОСТ

10.1. Реактивност

Нема доступних података.

10.2. Хемијска стабилност

Производ је стабилан под условима наведеним у одељку 7 „Руковање и складиштење“.

10.3. Могућност настанка опасних реакција

Нема познатих.

10.4. Услови које треба избегавати

Нема познатих.

10.5. Некомпатибилни материјали

Чувати само у оригиналној амбалажи.

10.6. Опасни производи разградње

У нормалним условима складиштења и употребе не би требало да дође до стварања опасних продукта распадања.

ПОГЛАВЉЕ 11. ТОКСИКОЛОШКИ ПОДАЦИ

11.1. Подаци о токсичним ефектима

Акутна токсичност

Хемијски назив	hydrogen peroxide
Врсте:	Пацов
Пут експозиције:	Орално
Тест:	LD50
Вредност:	1.193 - 1.270 mg/L

Хемијски назив	hydrogen peroxide
Врсте:	Зец
Пут експозиције:	Дерматолошки
Тест:	LD50
Вредност:	>2.000 (35% oplossing) mg/kg

Штетно ако се прогута.

Корозивно оштећење коже / иритација

Хемијски назив	iT.34 laundry stainremover pro active oxygen
Вредност:	Установљени су негативни ефекти (Иритантан)

Хемијски назив	hydrogen peroxide
Вредност:	Установљени су негативни ефекти (Иритантан)

Изазива иритацију коже.

Тешко оштећење ока / иритација ока

Хемијски назив	iT.34 laundry stainremover pro active oxygen
Вредност:	Установљени су негативни ефекти (Доводи до тешког оштећења ока)

Хемијски назив	hydrogen peroxide

Вредност: Установљени су негативни ефекти (Доводи до тешког оштећења ока)

Доводи до тешког оштећења ока.

Сензибилизација респираторних органа

Хемијски назив hydrogen peroxide

Вредност: Нису установљени негативни ефекти (не сензибилизација)

На основу доступних података, критеријуми за класификацију нису испуњени.

Сензибилизација коже

На основу доступних података, критеријуми за класификацију нису испуњени.

Мутагеност геринативних ћелија

На основу доступних података, критеријуми за класификацију нису испуњени.

Карциногеност

Хемијски назив hydrogen peroxide

Закључак: Нису установљени негативни ефекти

На основу доступних података, критеријуми за класификацију нису испуњени.

Токсичност по репродукцију

Хемијски назив hydrogen peroxide

Закључак: Нису установљени негативни ефекти

На основу доступних података, критеријуми за класификацију нису испуњени.

Специфична токсичност за циљни орган - једнократна изложеност

Може да изазове поспаност и несвестицу.

Специфична токсичност за циљни орган - виšekратна изложеност

На основу доступних података, критеријуми за класификацију нису испуњени.

Опасност од аспирације

Хемијски назив hydrogen peroxide

На основу доступних података, критеријуми за класификацију нису испуњени.

11.2. Информације о другим опасностима

Dugoročni efekti

Производ садржи супстанце које изазивају озбиљно оштећење очију. Контакт са овим супстанцама може изазвати неповратне ефекте на око/озбиљно оштећење ока.

Угрожава рад ендокриних жлезда

Ова смеша/производ не садржи никакве материје за које се сматра да имају својства изазивања хормонског поремећаја.

Додатне информације

hydrogen peroxide по IARC класификацији спада у групу 3

ПОГЛАВЉЕ 12. ЕКОТОКСИКОЛОШКИ ПОДАЦИ

12.1. Токсичност

Хемијски назив	hydrogen peroxide
Врсте:	Рибе, Pimephales promelas
Трајање:	96 сати
Тест:	LC50
Вредност:	16,4 mg/L

Хемијски назив	hydrogen peroxide
Врсте:	Рибе, Leuciscus idus
Трајање:	72 сати

Према ПРАВИЛНИК о садржају безбедносног листа (Број: 110-00-27/2011-04)

Тест: LC50
Вредност: 35 mg/L

Хемијски назив: hydrogen peroxide
Врсте: Рибе, *Oncorhynchus mykiss*
Трајање: 7 дана
Тест: LC50
Вредност: 38,5 mg/L

Хемијски назив: hydrogen peroxide
Врсте: *Daphnia pulex*
Трајање: 48 сати
Тест: EC50
Вредност: 2,4 mg/L

Хемијски назив: hydrogen peroxide
Врсте: *Daphnia magna*
Трајање: 24 сати
Тест: EC50
Вредност: 7,7 mg/L

Хемијски назив: hydrogen peroxide
Врсте: *Skeletonema costatum*
Трајање: 72 сати
Тест: EC50
Вредност: 1,38 mg/L

Хемијски назив: hydrogen peroxide
Метод тестирања: ОЕЦД 209
Врсте: Бактерије
Окружење: Постројение са активираним муљем
Трајање: 30 minutes
Тест: EC50
Вредност: 466 mg/L

Хемијски назив: hydrogen peroxide
Метод тестирања: ОЕЦД 209
Врсте: Бактерије
Окружење: Постројение са активираним муљем
Трајање: 3 сати
Тест: EC50
Вредност: > 1.000 mg/L

На основу доступних података, критеријуми за класификацију нису испуњени.

12.2. Перзистентност и разградљивост

Хемијски назив: hydrogen peroxide
Закључак: Лако биоразградива материја

12.3. Потенцијал биоакмулације

Хемијски назив: hydrogen peroxide
LogKow: -1,57
Закључак: -

12.4. Мобилност у земљишту

Нема доступних података.

Према ПРАВИЛНИК о садржају безбедносног листа (Број: 110-00-27/2011-04)

12.5. Резултати ПБТ и вПвБ процене

Ова смеша/производ не садржи супстанце за које се сматра да испуњавају критеријуме да буду класификовани као ПБТ и/или вПвБ.

12.6. Угрожава рад ендокриних жлезда

Хемијски назив iT.34 laundry stainremover pro active oxygen
Закључак: Нису установљени негативни ефекти

Ова смеша/производ не садржи никакве материје за које се када се нађу унутар животне средине сматра да имају својства ометања ендокриног система.

12.7. Остали штетни ефекти

Нема познатих.

ПОГЛАВЉЕ 13. ОДЛАГАЊЕ

13.1. Методе третмана отпада

На производ се односе прописи о опасном отпаду. (*)

HP 6 - Акутна токсичност

HP 8 - Корозивно

Одлагање садржаја / амбалаже у складу са локалним прописима.

Уредба комисије (ЕУ) бр. 1357/2014 од 18. децембра 2014. године која замењује прилог ИИИ директиве 2008/98/ЕЗ Европског парламента и савета о отпаду.

Код европског каталога отпада (EWL):

20 01 29* детерџенти који садрже опасне супстанце

Контаминирани амбалаже

Амбалажа која садржи остатке производа мора се одложити на исти начин као и производ.

ПОГЛАВЉЕ 14. ПОДАЦИ О ТРАНСПОРТУ

	14.1 UN	14.2 Назив за терет у транспорту	14.3 Класа	14.4 PG*	14.5. Env**	Остали подаци:
ADR	UN2014	ВОДОНИКПЕРОКСИД, ВОДЕНИ РАСТВОР	Класа: 5.1 Листи-це опасности: 5.1+8 Класификациони код: OC1  	II	Не	Ограничен е количина: 1 L Кодови за ограничењ а за тунеле: (E) За додатне информац ије, погледајте доле.
IMDG	UN2014	HYDROGEN PEROXIDE, AQUEOUS SOLUTION with not less than 20% but not more than 60% hydrogen peroxide (stabilized as necessary)	Класа: 5.1 Листи-це опасности: 5.1+8 Класификациони код: OC1  	II	Не	Ограничен е количина: 1 L EmS: F-H S- Q За додатне информац

Према ПРАВИЛНИК о садржају безбедносног листа (Број: 110-00-27/2011-04)

	14.1 UN	14.2 Назив за терет у транспорту	14.3 Класа	14.4 PG*	14.5. Env**	Остали подаци:
						ије, погледајте доле.
IATA	UN2014	HYDROGEN PEROXIDE, AQUEOUS SOLUTION with not less than 20% but not more than 60% hydrogen peroxide (stabilized as necessary)	Класа: 5.1 Листи-це опасности: 5.1+8 Класификациони код: OC1  	II	Не	За додатне информац ије, погледајте доле.

* Група паковања

** Опасност по животну средину

Додатне информације

Овај производ је обухваћен прописима о транспорту опасне робе.

АДР / Видети табелу А, одељак 3.2.1 за све информације о посебним одредбама, захтевима или упозорењима у вези са транспортом. Видети одељак 5.4.3, за упутства у писаној форми у вези са ублажавањем штета у вези са инцидентима или незгодама током транспорта.

ИМГД / Видети одељак 3.2.1 за све информације о посебним одредбама, захтевима или упозорењима у вези са транспортом.

IATA / Видети табелу 4.2 за све информације о посебним одредбама, захтевима или упозорењима у вези са транспортом.

14.6. Посебне предострожности за корисника

Није применљиво.

14.7. Транспорт у расутом стању (Анексу ИИ Међународне конвенције за спречавање загађења из бродова и ИБЦ Цоде)

Нема доступних података.

ПОГЛАВЉЕ 15. РЕГУЛАТОРНИ ПОДАЦИ

15.1. Прописи у вези са безбедношћу, здрављем и животном средином

Ограничења за примену:

Дозвољено само за професионално коришћење.

Захтеви за специфичним образовањем:

Нема посебних захтева.

"СЕВЕСО" - Категорија / Опасне материје:

Није применљиво.

Означавање садржана према ПРАВИЛНИК о детергентима:

≥ 30%

· Избелјивачи на бази кисеоника

Додатне информације:

Није применљиво.

Извори:

Директива савета 94/33/ЕЗ од 22. јуна 1994. године о заштити младих на раду.

ПРАВИЛНИК о детергентима ("Службени гласник РС", 25/2015)

ПРАВИЛНИК о категоријама, испитивању и класификацији отпада (Службени гласник РС, 56/10)

Правилник о класификацији, паковању, обележавању и оглашавању хемикалије и одређеног производа у складу са Глобално хармонизованим системом за класификацију и обележавање УН: 105/2013-16, 52/2017-73, 21/2019-208

15.2. Процена безбедности хемикалије.

Не

ПОГЛАВЉЕ 16. ОСТАЛИ ПОДАЦИ

Комплетан текст Х-фраза како је наведено у поглавље 3

H271, Може да изазове пожар или експлозију; јако оксидујуће средство.

H302, Штетно ако се прогута.

H314, Изазива тешке опекотине коже и оштећење ока.

H315, Изазива иритацију коже.

H318, Доводи до тешког оштећења ока.

H319, Доводи до јаке иритације ока.

H332, Штетно ако се удише.

H336, Може да изазове поспаност и несвестицу.

Скраћенице и акроними

ADR = Европски споразум о међународном друмском превозу опасне робе

ATE = Процена акутне токсичности

BCF = Фактор биоконцентрације

CAS = Служба хемијских сажетака

CE = европска усаглашеност

CLP = Уредба о класификацији, означавању и паковању [Уредба (ЕЗ) бр. 1272/2008]

CSA = Процена хемијске безбедности

CSR = Извештај о хемијској безбедности

CTOT = Специфична циљна токсичност органа

DMEL = Изведени минимални ниво ефекта

DNEL = Изведени ниво без ефекта

EINECS = Европски инвентар постојећих комерцијалних хемијских супстанци

ES = Сценарио изложености

EUN izjava = ЦЛП-специфична изјава о опасности

EUPCS = Европски систем категоризације производа

EWЦ = Европски каталог отпада

GHS = Глобално усклађени систем класификације и обележавања хемикалија

GWP (ГВП) = Потенцијал глобалног загревања

IARC = међународна агенција за истраживање рака

IATA = Међународно удружење за ваздушни саобраћај

IBC = Средњи контејнер за расути терет

IMDG = Међународна поморска опасна роба

LogPow = Логаритам коефицијента раздвајања октанол/вода

MARPOL = Међународна конвенција о спречавању загађења са бродова из 1973. године, измењена протоколом из 1978. („Marpol“ = загађење мора)

ОЕЦД = Организација за Економску Царадњу и Дазвој

ПБТ = Истрајан, биоакумулативан и токсичан

PNEC = Предвиђена концентрација без ефекта

RID = Прописи који се тичу међународног превоза опасне робе железницом

RRN = REACH регистрациони број

SCL = има одређену границу концентрације.

SVHC = Веома забринјавајуће супстанце

STOT-RE = Специфична циљна токсичност органа - понављана излагања

STOT-SE = Специфична циљна токсичност органа - појединачна излагања

TWA = Временски пондерисан просек

UN = Уједињене нације

UVBC = Непознат или променљив састав, сложени продукти реакције или биолошки материјали

Према ПРАВИЛНИК о садржају безбедносног листа (Број: 110-00-27/2011-04)

VOC = Нестабилно органско јединjenje

вПвБ = Веома трајно и врло биоакумулативно

Додатне информације

Класификација смеше у погледу опасности по здравље уађена је у складу са методама израчунавања описаним у Правилнику о класификацији, паковању, означавању и оглашавању.

Класификација смеше у погледу опасности по здравље је у складу са методама израчунавања датим у уредби (ЕЦ) бр. 1272/2008 (CLP).

Безбедносни лист потврђује

Quality & Compliance

Остали подаци

Промена (сразмерно последњој суштинској промени (прва шифра у верзији СДС, погледајте поглавље 1)) обележена је троуглом.

Подаци у овом безбедносном упутству односе се само на овај одређени производ (поменут у поглавље 1) и нису нужно тачни за употребу са другим хемикалијама/производима.

Препоручује се да ово безбедносно упутство дате стварном кориснику производа. Информације у овом безбедносном упутству не могу се користити као спецификације производа.

Земља-језик: RS-sr

SAFETY DATA SHEET

iT.34 laundry stainremover pro active oxygen

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

SDS created for SAUDI ARABIA according to GHS

1.1. Product identifier

Trade name:

iT.34 laundry stainremover pro active oxygen

1.2. Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses of the substance or mixture:

Washing and cleaning products (including solvent based products)
Restricted to professional users.

Uses advised against :

None known.

1.3. Details of the supplier of the safety data sheet

Company and address:

Hygeniq B.V.
Postbus 618
7500 AP Enschede
The Netherlands
+31 53 4282860
+31 53 5393865
www.hygeniq.com

E-mail:

info@hygeniq.com

SDS date:

15/08/2025

SDS Version:

1.0

1.4. Emergency telephone number

Contact the local emergency services.
See section 4 "First aid measures".

SECTION 2: HAZARDS IDENTIFICATION

Classified according to GHS.

2.1. Classification of the substance or mixture

Met. Corr. 1; H290, May be corrosive to metals.
Acute Tox. 4; H302, Harmful if swallowed.

According to GHS Rev. 8, 2019

Skin Irrit. 2; H315, Causes skin irritation.
Eye Dam. 1; H318, Causes serious eye damage.
STOT SE 3; H336, May cause drowsiness or dizziness.

2.2. Label elements

Hazard pictogram(s):



Signal word:

Danger

Hazard statement(s):

May be corrosive to metals. (H290)
Harmful if swallowed. (H302)
Causes skin irritation. (H315)
Causes serious eye damage. (H318)
May cause drowsiness or dizziness. (H336)

Precautionary statement(s):

General:

Not applicable.

Prevention:

Wash hands and exposed skin thoroughly after handling. (P264)
Wear eye protection/protective gloves/protective clothing. (P280)

Response:

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.
Continue rinsing. (P305+P351+P338)
Absorb spillage to prevent material damage. (P390)

Storage:

Store in a container with a resistant inner liner. (P406)

Disposal:

Dispose of contents/container in accordance with local regulation.
(P501)

Hazardous substances:

hydrogen peroxide

Additional labelling:

Not applicable.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substances

Not applicable. This product is a mixture.

3.2. Mixtures

Product/substance	Identifiers	% w/w	Classification	Note
hydrogen peroxide	CAS No.: 7722-84-1 EC No.: 231-765-0	30-50%	Ox. Liq. 1, H271 Acute Tox. 4, H302 Skin Corr. 1A, H314 (SCL: 70.00 %) Skin Corr. 1B, H314 (SCL: 50.00 %) Skin Irrit. 2, H315 (SCL: 35.00 %)	

According to GHS Rev. 8, 2019

			Eye Dam. 1, H318 (SCL: 8.00 %) Eye Irrit. 2, H319 (SCL: 5.00 %) Acute Tox. 4, H332 STOT SE 3, H336 (SCL: 35.00 %)	

See full text of H-phrases in section 16. Occupational exposure limits are listed in section 8, if these are available.

Other information

-

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

General information:

In the case of accident: Contact a doctor or casualty department – bring the label or this safety data sheet.
Contact a doctor if in doubt about the injured person's condition or if the symptoms persist. Never give an unconscious person water or other drink.

Inhalation:

Upon breathing difficulties or irritation of the respiratory tract: Bring the person into fresh air and stay with him/her.

Skin contact:

IF ON SKIN: Wash with plenty of water/water and soap.
Remove contaminated clothing and shoes. Ensure to wash exposed skin thoroughly with water and soap. DO NOT use solvents or thinners.
If skin irritation occurs: Get medical advice/attention.

Eye contact:

If in eyes: Flush eyes with plenty of water or salt water (20-30 °C) for at least 30 minutes and continue until irritation stops. Remove contact lenses. Make sure you flush under the upper and lower eyelids. Seek medical assistance immediately and continue flushing during transport.

Ingestion:

IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.
Rinse mouth.

Burns:

Not applicable.

4.2. Most important symptoms and effects, both acute and delayed

The product contains substances that cause serious eye damage. Contact with these substances can cause irreversible effects on the eye / serious eye damage.

4.3. Indication of any immediate medical attention and special treatment needed

IF exposed or concerned:
Get immediate medical advice/attention.

Information to medics

Bring this safety data sheet or the label from this product.

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Not applicable.

5.2. Special hazards arising from the substance or mixture

Fire will result in dense smoke. Exposure to combustion products may harm your health. Closed containers, which are exposed to fire, should be cooled with water. Do not allow fire-extinguishing water to enter the sewage system and nearby surface waters.

5.3. Advice for firefighters

Wear self-contained breathing apparatus and protective clothing to prevent contact. Upon direct exposure contact the national poisons emergency services in order to obtain further advice.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Avoid direct contact with spilled substances.
Ensure adequate ventilation, especially in confined areas.
Avoid inhalation of vapours from spilled material.
Contaminated areas may be slippery.

6.2. Environmental precautions

Avoid discharge to lakes, streams, sewers, etc.
Keep unauthorized persons away from the spill

6.3. Methods and material for containment and cleaning up

Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations.
Wherever possible cleaning should be performed with normal cleaning agents. Avoid use of solvents.

6.4. Reference to other sections

See section 13 "Disposal considerations" on handling of waste.
See section 8 "Exposure controls/personal protection" for protective measures.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Avoid direct contact with the product.
Smoking, drinking and consumption of food is not allowed in the work area.
See section 8 "Exposure controls/personal protection" for information on personal protection.

7.2. Conditions for safe storage, including any incompatibilities

Containers that have been opened must be carefully resealed and kept upright to prevent leakage.
Store in a container with a resistant inner liner.

Recommended storage material:

Keep only in original packaging.

Storage conditions:

Dry, cool and well ventilated

Incompatible materials:

Keep only in original packaging.

7.3. Specific end use(s)

This product should only be used for applications quoted in section 1.2.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

No substances are listed with an occupational exposure limit.

According to GHS Rev. 8, 2019

8.2. Exposure controls

Apply general control to prevent unnecessary exposure

General recommendations:

Smoking, drinking and consumption of food is not allowed in the work area.

Exposure scenarios:

There are no exposure scenarios implemented for this product.

Exposure limits:

Occupational exposure limits have not been defined for the substances in this product.

Appropriate technical measures:

Ensure that eyewash stations and safety showers are located within easy reach.

Apply standard precautions during use of the product. Avoid inhalation of vapours.

Hygiene measures:

Take off contaminated clothing and wash it before reuse.

Measures to avoid environmental exposure:

No specific requirements.

Individual protection measures, such as personal protective equipment

Generally:

Use only CE marked protective equipment.

Respiratory Equipment:

Work situation	Type	Class	Colour	Standards	
When there is risk of formation of mist/aerosol	Full mask			EN136	

Skin protection:

Recommended	Type/Category	Standards	
Dedicated work clothing should be worn.	-	-	

Hand protection:

Work situation	Material	Glove thickness (mm)	Breakthrough time (min.)	Standards	
In the event of prolonged exposure or high concentrations	Nitrile	0.4	> 480	EN374-2, EN16523-1, EN388	
In the event of prolonged exposure or high concentrations	Butyl	0,7	> 480	EN374-2, EN16523-1, EN388, EN421	

Eye protection:

Type	Standards	
Safety glasses with side shields.	EN166	

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Form:

Liquid

Colour:

Colourless

Odour:

Characteristic

Odour threshold (ppm):

No data available.

pH:

2.5

Density (g/cm³):

1.1 (20 °C)

Kinematic viscosity:

No data available.

Particle characteristics:

Does not apply to liquids.

Phase changes

Melting point/Freezing point (°C):

No data available.

Softening point/range (°C):

Does not apply to liquids.

Boiling point (°C):

100

Vapour pressure:

No data available.

Relative vapour density:

No data available.

Decomposition temperature (°C):

No data available.

Evaporation rate (n-butylacetate = 100):

Data on fire and explosion hazards

Flash point (°C):

No data available.

Flammability (°C):

No data available.

Auto-ignition temperature (°C):

No data available.

Explosion limits (% v/v):

No data available.

Solubility

Solubility in water:

According to GHS Rev. 8, 2019

Completely soluble

n-octanol/water coefficient (LogKow):

No data available.

Solubility in fat (g/L):

No data available.

9.2. Other information

No data available.

Other physical and chemical parameters:

No data available.

Oxidizing properties:

No data available.

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

No data available.

10.2. Chemical stability

The product is stable under the conditions, noted in section 7 "Handling and storage".

10.3. Possibility of hazardous reactions

None known.

10.4. Conditions to avoid

None known.

10.5. Incompatible materials

Keep only in original packaging.

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Acute toxicity

Product/substance	hydrogen peroxide
Species:	Rat
Route of exposure:	Oral
Test:	LD50
Result:	1.193 - 1.270 mg/L

Product/substance	hydrogen peroxide
Species:	Rabbit
Route of exposure:	Dermal
Test:	LD50
Result:	>2.000 (35% oplossing) mg/kg

Harmful if swallowed.

Skin corrosion/irritation

Product/substance	iT.34 laundry stainremover pro active oxygen
Result:	Adverse effect observed (Irritating)

According to GHS Rev. 8, 2019

Product/substance	hydrogen peroxide
Result:	Adverse effect observed (Irritating)

Causes skin irritation.

Serious eye damage/irritation

Product/substance	iT.34 laundry stainremover pro active oxygen
Result:	Adverse effect observed (Causes serious eye damage)

Product/substance	hydrogen peroxide
Result:	Adverse effect observed (Causes serious eye damage)

Causes serious eye damage.

Respiratory sensitisation

Product/substance	hydrogen peroxide
Result:	No adverse effect observed (not sensitising)

Based on available data, the classification criteria are not met.

Skin sensitisation

Based on available data, the classification criteria are not met.

Germ cell mutagenicity

Based on available data, the classification criteria are not met.

Carcinogenicity

Product/substance	hydrogen peroxide
Conclusion:	No adverse effect observed

Based on available data, the classification criteria are not met.

hydrogen peroxide has been classified by IARC as a group 3 carcinogen.

Reproductive toxicity

Product/substance	hydrogen peroxide
Conclusion:	No adverse effect observed

Based on available data, the classification criteria are not met.

STOT-single exposure

May cause drowsiness or dizziness.

STOT-repeated exposure

Based on available data, the classification criteria are not met.

Aspiration hazard

Product/substance	hydrogen peroxide

Based on available data, the classification criteria are not met.

Long term effects

The product contains substances that cause serious eye damage. Contact with these substances can cause irreversible effects on the eye / serious eye damage.

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Product/substance	hydrogen peroxide
Species:	Fish, Pimephales promelas
Duration:	96 hours
Test:	LC50
Result:	16,4 mg/L

According to GHS Rev. 8, 2019

Product/substance	hydrogen peroxide
Species:	Fish, <i>Leuciscus idus</i>
Duration:	72 hours
Test:	LC50
Result:	35 mg/L

Product/substance	hydrogen peroxide
Species:	Fish, <i>Oncorhynchus mykiss</i>
Duration:	7 days
Test:	LC50
Result:	38,5 mg/L

Product/substance	hydrogen peroxide
Species:	<i>Daphnia pulex</i>
Duration:	48 hours
Test:	EC50
Result:	2,4 mg/L

Product/substance	hydrogen peroxide
Species:	<i>Daphnia magna</i>
Duration:	24 hours
Test:	EC50
Result:	7,7 mg/L

Product/substance	hydrogen peroxide
Species:	<i>Skeletonema costatum</i>
Duration:	72 hours
Test:	EC50
Result:	1,38 mg/L

Product/substance	hydrogen peroxide
Test method:	OECD 209
Species:	Bacteria
Compartment:	Activated Sludge Plant
Duration:	30 minutes
Test:	EC50
Result:	466 mg/L

Product/substance	hydrogen peroxide
Test method:	OECD 209
Species:	Bacteria
Compartment:	Activated Sludge Plant
Duration:	3 hours
Test:	EC50
Result:	> 1.000 mg/L

Based on available data, the classification criteria are not met.

12.2. Persistence and degradability

Product/substance	hydrogen peroxide
Conclusion:	Readily biodegradable

12.3. Bioaccumulative potential

Product/substance	hydrogen peroxide
LogKow:	-1,57
Conclusion:	-

According to GHS Rev. 8, 2019

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

This mixture/product does not contain any substances known to fulfil the criteria for PBT and vPvB classification.

12.6. Other adverse effects

None known.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste treatment methods

Dispose of contents/container to an approved waste disposal plant.

Specific labelling

Contaminated packing

Packaging containing residues of the product must be disposed of similarly to the product.

SECTION 14: TRANSPORT INFORMATION

	14.1 UN / ID	14.2 UN proper shipping name	14.3 Hazard class(es)	14.4 PG*	14.5 Env**	Other informatio n:
ADR	UN2014	HYDROGEN PEROXIDE, AQUEOUS SOLUTION with not less than 20% but not more than 60% hydrogen peroxide (stabilized as necessary)	Transport hazard class: 5.1 Label: 5.1+8 Classification code: OC1  	II	No	Limited quantities: 1 L Tunnel restriction code: (E) See below for additional information.
IMDG	UN2014	HYDROGEN PEROXIDE, AQUEOUS SOLUTION with not less than 20% but not more than 60% hydrogen peroxide (stabilized as necessary)	Transport hazard class: 5.1 Label: 5.1+8 Classification code: OC1  	II	No	Limited quantities: 1 L EmS: F-H S-Q See below for additional information.
IATA	UN2014	HYDROGEN PEROXIDE, AQUEOUS SOLUTION with not less than 20% but not more than 60% hydrogen peroxide (stabilized as necessary)	Transport hazard class: 5.1 Label: 5.1+8 Classification code: OC1  	II	No	See below for additional information.

* Packing group

** Environmental hazards

Additional information

This product is within scope of the regulations of transport of dangerous goods.

ADR / See Table A, section 3.2.1 for any information on special provisions, requirements, or warnings in connection with transport. See section 5.4.3, for instructions in writing regarding mitigation of damages in relation to incidents or accidents during transport.

IMDG / See section 3.2.1, for any information on special provisions, requirements, or warnings in connection with transport.

IATA / See Table 4.2 for any information on special provisions, requirements, or warnings in connection with transport.

14.6. Special precautions for user

Not applicable.

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

No data available.

SECTION 15: REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Restrictions for application:

Restricted to professional users.

People under the age of 18 shall not be exposed to this product.

Demands for specific education:

No specific requirements.

Additional information:

Not applicable.

Sources:

Globally Harmonized System of Classification and Labelling of Chemicals (GHS Rev. 8, 2019)

15.2. Chemical safety assessment

No

SECTION 16: OTHER INFORMATION

Full text of H-phrases as mentioned in section 3

H271, May cause fire or explosion; strong oxidiser.

H302, Harmful if swallowed.

H314, Causes severe skin burns and eye damage.

H315, Causes skin irritation.

H318, Causes serious eye damage.

H319, Causes serious eye irritation.

H332, Harmful if inhaled.

H336, May cause drowsiness or dizziness.

The full text of identified uses as mentioned in section 1

None known.

Abbreviations and acronyms

ACGIH = American Conference of Governmental Industrial Hygienists

ADN = European Provisions concerning the International Carriage of Dangerous Goods by Inland Waterway

ADR = The European Agreement concerning the International Carriage of Dangerous Goods by Road

ATE = Acute Toxicity Estimate

BCF = Bioconcentration Factor

CAS = Chemical Abstracts Service

CERCLA = Comprehensive Environmental Response Compensation and Liability Act

DOT = Department of Transportation

EINECS = European Inventory of Existing Commercial chemical Substances

EPCRA = Emergency Planning and Community Right-To-Know Act

GHS = Globally Harmonized System of Classification and Labelling of Chemicals

HCIS = Hazardous Chemical Information System

HNOC = Hazards Not Otherwise Classified

IARC = International Agency for Research on Cancer

IATA = International Air Transport Association

IMDG = International Maritime Dangerous Goods

LogPow = logarithm of the octanol/water partition coefficient

MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)

NFPA = National Fire Protection Association

NIOSH = National Institute for Occupational Safety and Health

OECD = Organisation for Economic Co-operation and Development

OSHA = Occupational Safety and Health Administration

PBT = Persistent, Bioaccumulative and Toxic

RCRA = Resource Conservation and Recovery Act

RID = The Regulations concerning the International Carriage of Dangerous Goods by Rail

RRN = REACH Registration Number

SARA = Superfund Amendments and Reauthorization Act

SCL = A specific concentration limit.

STEL = Short-term exposure limits

STOT-RE = Specific Target Organ Toxicity - Repeated Exposure

STOT-SE = Specific Target Organ Toxicity - Single Exposure

TSCA = The Toxic Substances Control Act

TWA = Time weighted average

UN = United Nations

UVBC = Unknown or variable composition, complex reaction products or of biological materials

VOC = Volatile Organic Compound

vPvB = Very Persistent and Very Bioaccumulative

Additional information

In accordance with GHS the evaluation of the classification of the mixture is based on:

The classification of the mixture in regard of health hazards is in accordance with the calculation methods given by GHS.

The safety data sheet is validated by

Quality & Compliance

Other

A change (in proportion to the last essential change (first cipher in SDS version, see section 1)) is marked with a triangle.

The information in this safety data sheet applies only to this specific product (mentioned in section 1) and is not necessarily correct for use with other chemicals/products.

It is recommended to hand over this safety data sheet to the actual user of the product. Information in this safety data sheet cannot be used as a product specification.

Country-language: SA-en

SÄKERHETSATABLAD

iT.34 laundry stainremover pro active oxygen

AVSNITT 1: NAMNET PÅ ÄMNET/BLANDNINGEN OCH BOLAGET/FÖRETAGET

1.1. Produktbeteckning

Handelsnamn:

iT.34 laundry stainremover pro active oxygen

Unik formuleringsidentifierare (UFI):

KWY8-NPOS-J88H-EC1G

1.2. Relevanta identifierade användningar av ämnet eller blandningen och användningar som det avråds från

Relevanta identifierade användningar av ämnet eller blandningen:

Tvätt- och rengöringsmedel (inklusive lösningsmedelsbaserade)

Endast för yrkesmässigt bruk.

Användningar som det avråds från :

Inga kända.

1.3. Närmare upplysningar om den som tillhandahåller säkerhetsdatabladet

Företagsuppgifter:

Hygeniq B.V.

Postbus 618

7500 AP Enschede

The Netherlands

+31 53 4282860

+31 53 5393865

www.hygeniq.com

E-post:

info@hygeniq.com

Omarbetad:

2025-08-15

SDB Version:

1.0

1.4. Telefonnummer för nödsituationer

Akut: Ring 112, begär giftinformation. Öppet dygnet runt.

Mindre akut: Ring 010-456 6700. Öppet dygnet runt.

Se avsnitt 4 om åtgärder vid första hjälpen.

AVSNITT 2: FARLIGA EGENSKAPER

Klassificerad enligt förordningen (EG) nr 1272/2008 (CLP).

2.1. Klassificering av ämnet eller blandningen

Met. Corr. 1; H290, Kan vara korrosivt för metaller.

Acute Tox. 4; H302, Skadligt vid förtäring.

Skin Irrit. 2; H315, Irriterar huden.
Eye Dam. 1; H318, Orsakar allvarliga ögonskador.
STOT SE 3; H336, Kan göra att man blir dåsig eller omtöcknad.

2.2. Märkningsuppgifter

Faropiktogram:



Signalord:

Fara

Faroangivelser:

Kan vara korrosivt för metaller. (H290)
Skadligt vid förtäring. (H302)
Irriterar huden. (H315)
Orsakar allvarliga ögonskador. (H318)
Kan göra att man blir dåsig eller omtöcknad. (H336)

Skyddsangivelser:

Allmänt:

Ej tillämpligt.

Förebyggande:

Tvätta händerna och exponerad hud grundligt efter användning. (P264)
Använd ögonskydd/skyddshandskar/skyddskläder. (P280)

Åtgärder:

VID KONTAKT MED ÖGONEN: Skölj försiktigt med vatten i flera minuter. Ta ur eventuella kontaktlinser om det går lätt. Fortsätt att skölja. (P305+P351+P338)
Sug upp spill för att undvika materiella skador. (P390)

Förvaring:

Förvaras i behållare med beständigt innerhölje. (P406)

Avfall:

Innehållet/behållaren lämnas i enlighet med lokala bestämmelser (P501)

Innehåller:

väteperoxidlösning 35%

Annan märkning:

UFI: KQY8-NP0S-J88H-EC1G

Märkning av innehåll i enlighet med förordning (EG) nr 648/2004 om tvätt- och rengöringsmedel (gäller förpackningar av tvättmedel som säljs till allmänheten):

≥ 30%

· Syrebaserade blekmedel

2.3. Andra faror

Annat:

Denna blandning/produkt innehåller inga ämnen som anses uppfylla kriterierna för klassificering som PBT- och/eller vPvB-ämnen.

Produkten innehåller inga ämnen som bedömts vara hormonstörande enligt kriterierna i Kommissionens delegerade förordning (EU) 2017/2100 eller Kommissionens förordning (EU) 2023/707.

AVSNITT 3: SAMMANSÄTTNING/INFORMATION OM BESTÅNDSDELAR

3.1. Ämnen

Ej tillämpligt. Denna produkt är en blandning.

3.2. Blandningar

Produkt/Ämne	Identifierare	% w/w	Klassificering	Anm.
väteperoxidlösning 35%	CAS-nr: 7722-84-1 EG-nr: 231-765-0 REACH: 01-2119485845-22-XXXX Indexnr: 008-003-00-9	30-50%	Ox. Liq. 1, H271 Acute Tox. 4, H302 Skin Corr. 1A, H314 (SCL: 70,00 %) Skin Corr. 1B, H314 (SCL: 50,00 %) Skin Irrit. 2, H315 (SCL: 35,00 %) Eye Dam. 1, H318 (SCL: 8,00 %) Eye Irrit. 2, H319 (SCL: 5,00 %) Acute Tox. 4, H332 STOT SE 3, H336 (SCL: 35,00 %)	

Fullständig ordalydelse av H-fraserna finns i avsnitt 16. Arbetshygieniska gränsvärden finns i avsnitt 8 - om de är tillgängliga.

Annan information

-

AVSNITT 4: ÅTGÄRDER VID FÖRSTA HJÄLPEN

4.1. Beskrivning av åtgärder vid första hjälpen

Allmänt:

Vid olycka: Kontakta läkare eller akutmottagning - ta med etiketten eller detta säkerhetsdatablad.
Vid bestående symptom eller om det råder tveksamheter om den påverkades tillstånd skall läkarhjälp sökas. Ge aldrig en medvetslös person vatten eller liknande.

Inandning:

I fall av andningssvårigheter eller irritation i andningsvägarna: Flytta den skadade personen till frisk luft direkt och håll personen under uppsyn.

Hudkontakt:

VID HUDKONTAKT: Tvätta med mycket vatten/vatten och tvål.
Avlägsna förorenade kläder och skor. Hud som har varit i kontakt med materialet tvättas grundligt med tvål och vatten. Använd EJ organiska lösningsmedel.
Vid hudirritation: Sök läkarhjälp.

Kontakt med ögonen:

Vid kontakt med ögonen: Skölj genast ögonen med rikliga mängder vatten (20-30 °C) till dess irritationen upphör och i minst 30 minuter. Avlägsna eventuella kontaktlinser. Se till att skölja under både övre och nedre ögonlock. Uppsök genast läkare. Fortsätt att skölja under transport.

Förtäring:

VID FÖRTÄRING: Vid obehag, kontakta GIFTINFORMATIONSCENTRALEN/läkare.
Skölj munnen.

Brännskada:

Ej tillämpligt.

4.2. De viktigaste symptomen och effekterna, både akuta och fördröjda

Produkten innehåller ämnen som orsakar allvarlig ögonskada. Kontakt med dessa ämnen kan orsaka icke reversibla effekter på ögonen/allvarlig ögonskada.

4.3. Angivande av omedelbar medicinsk behandling och särskild behandling som eventuellt krävs

Vid exponering eller misstanke om exponering:

Sök omedelbart läkarhjälp.

Information till läkare

Medtag detta säkerhetsdatablad eller etiketten från produkten.

AVSNITT 5: BRANDBEKÄMPNINGSÅTGÄRDER

5.1. Släckmedel

Ej tillämpligt.

5.2. Särskilda faror som ämnet eller blandningen kan medföra

Vid brand utvecklas tät rök. Att utsättas för nedbrytningsprodukter kan utgöra hälsofara. Slutna behållare som utsätts för eld avkyls med vatten. Låt ej vatten från brandsläckning rinna ut i kloak och vattendrag.

5.3. Råd till brandbekämpningspersonal

Använd skyddsutrustning inklusive andningsapparat. Om exponering skett, kontakta Giftinformationscentralen (tel 112, 24/7) för rådgivning.

AVSNITT 6: ÅTGÄRDER VID OAVSIKTLIGA UTSLÄPP

6.1. Personliga skyddsåtgärder, skyddsutrustning och åtgärder vid nödsituationer

Undvik direktkontakt med spill.

Se till att ventilationen är tillräcklig, särskilt i slutna utrymmen.

Undvik att andas in ångor från spill.

Förorenade områden kan vara hala.

6.2. Miljöskyddsåtgärder

Undvik utsläpp i sjöar, åar, kloaker etc.

Håll obehöriga personer på avstånd från spillet

6.3. Metoder och material för inneslutning och sanering

Spill begränsas och samlas upp med icke-brännbart absorberande material, t.ex. sand, jord, vemikulit, kiselgur och placeras i behållare och bortskaffas i överensstämmelse med gällande regler.

Rengöring utförs så långt som möjligt med rengöringsmedel. Lösningsmedel bör undvikas.

6.4. Hänvisning till andra avsnitt

Se avsnitt 13 "Avfallshantering".

Se avsnitt 8 "Begränsning av exponeringen/personligt skydd" om personligt skydd.

AVSNITT 7: HANTERING OCH LAGRING

7.1. Skyddsåtgärder för säker hantering

Undvik direktkontakt med produkten.

Rökning, förtäring av mat och intag av dryck är ej tillåtet i arbetslokalerna.

Se avsnitt 8 om personligt skydd.

7.2. Förhållanden för säker lagring, inklusive eventuell oförenlighet

Öppnad behållare skall återförslutas väl och förvaras i upprätt läge för att förhindra läckage.

Förvaras i behållare med beständigt innerhölje.

Kompatibla förpackningar:

Förvaras endast i originalförpackningen.

Förvaringsförhållanden:

Torrt, svalt och väl ventilerat

Oförenliga material:

Förvaras endast i originalförpackningen.

7.3. Specifik slutanvändning

Denna produkt bör endast användas för de användningar som beskrivs i avsnitt 1.2.

AVSNITT 8: BEGRÄNSNING AV EXPONERINGEN/PERSONLIGT SKYDD

8.1. Kontrollparametrar

väteperoxidlösning 35%

Korttidsgränsvärde (15 minuter) (ppm): 2

Korttidsgränsvärde (15 minuter) (mg/m³): 3

Nivågränsvärde (8 timmar) (ppm): 1

Nivågränsvärde (8 timmar) (mg/m³): 1,4

Arbetsmiljöverkets föreskrifter och allmänna råd (AFS 2023:14) om gränsvärden för luftvägsexponering i arbetsmiljön

DNEL

väteperoxidlösning 35%

Varaktighet:	Exponeringsväg:	DNEL:
Kortvarig – Lokala effekter - Allmän befolkning	Inandning	1.93 mg/m ³
Kortvarig – Lokala effekter - Arbetare	Inandning	3 mg/m ³
Långvarig – Lokala effekter - Allmän befolkning	Inandning	0,21 mg/m ³
Långvarig – Lokala effekter - Allmän befolkning	Inandning	210 µg/m ³
Långvarig – Lokala effekter - Arbetare	Inandning	1.4 mg/m ³

PNEC

väteperoxidlösning 35%

Exponeringsväg:	Exponeringens varaktighet:	PNEC:
Avloppsreningsverk		466 mg/L
Havsvatten		0,047 mg/L
Havsvatten		12.6 µg/L
Havsvatten sediment		0,047 mg/L
Havsvatten sediment		47 µg/kg
Jord		0,023 mg/kg
Jord		1.9 µg/kg
Sötvatten		0,0126 mg/L
Sötvatten		12.6 µg/L
Sötvattenssediment		0,047 mg/kg
Sötvattenssediment		47 µg/kg
Sporadiska utsläpp (sötvatten)		13.8 µg/L

8.2. Begränsning av exponeringen

Efterlevnad av hygieniska gränsvärden bör kontrolleras regelbundet.

Generellt:

Rökning, förtäring av mat och intag av dryck är ej tillåtet i arbetslokalerna.

Exponeringsscenarier:

Det finns inga implementerade exponeringsscenarier för denna produkt.

Exponeringsgräns:

Yrkesmässiga användare omfattas av arbetsmiljölagstiftningens regler om maxkoncentrationer vid exponering. Se de arbetshygieniska gränsvärdena ovan.

Tekniska åtgärder:

Ångbildning måste hållas på ett minimum och under nuvarande gränsvärden (se ovan). Installation av ett lokalt punktutslug rekommenderas om normalt luftflöde i arbetsrummet inte är tillräckligt. Se till att ögonsköljning och nöddusch är tydligt markerade.

Se till att stationer för ögontvätt och säkerhetsduschar finns inom nära räckhåll.

Tillämpa standardföreskrifter vid användning av produkten. Undvik inandning av ångor.

Hygieniska åtgärder:

Ta av nedstänkta kläder och tvätta dem innan de används igen.

Begränsning av miljöexponering:

Inga särskilda krav.

Individuella skyddsåtgärder

Allmänt:

Använd endast CE-märkt skyddsutrustning.

Andningsskydd:

Arbetssituation	Typ	Klass	Färg	Standarder	
När det finns risk för ång-/aerosolbildning	Helmask			EN136	

Hudskydd:

Rekommenderad	Typ/Kategori	Standarder	
Särskilda arbetskläder bör användas	-	-	

Handskydd:

Arbetssituation	Handskmaterial	Handsktjocklek (mm)	Genombrottstid (min.)	Standarder	
Om exponeringen varar under en längre tid eller koncentrationerna är höga	Nitril	0,4	> 480	EN374-2, EN16523-1, EN388	
Om exponeringen varar under en längre tid eller koncentrationerna är höga	Butyl	0,7	> 480	EN374-2, EN16523-1, EN388, EN421	

Ögonskydd:

Typ	Standarder	
Använd skyddsglasögon med sidosköld.	EN166	

AVSNITT 9: FYSIKALISKA OCH KEMISKA EGENSKAPER

9.1. Information om grundläggande fysikaliska och kemiska egenskaper

Fysikaliskt tillstånd:

Vätska

Färg:

Färglös

Lukt / Lukttröskel (ppm):

Karaktäristisk

pH:

2.5

Densitet (g/cm³):

1,1 (20 °C)

Kinematisk viskositet:

Ingen data tillgänglig.

Partikelegenskaper:

Gäller inte för vätskor.

Fas förändringar

Smältpunkt/frys punkt (°C):

Ingen data tillgänglig.

Mjukpunkt/mjukpunktsintervall (°C):

Gäller inte för vätskor.

Kokpunkt (°C):

100

Ångtryck:

Ingen data tillgänglig.

Relativ ångdensitet:

Ingen data tillgänglig.

Sönderdelningstemperatur (°C):

Ingen data tillgänglig.

Data om brand- och explosionsrisker

Flampunkt (°C):

Ingen data tillgänglig.

Brandfarlighet (°C):

Ingen data tillgänglig.

Självantändningstemperatur (°C):

Ingen data tillgänglig.

Explosionsgränser (% v/v):

Ingen data tillgänglig.

Löslighet

Löslighet i vatten:

Fullt lösligt

n-oktanol/vatten koefficient (LogKow):

Ingen data tillgänglig.

Löslighet i fett (g/L):

Ingen data tillgänglig.

9.2. Annan information

Andra fysikaliska och kemiska parametrar:

Ingen data tillgänglig.

Oxiderande egenskaper:

Ingen data tillgänglig.

AVSNITT 10: STABILITET OCH REAKTIVITET

10.1. Reaktivitet

Ingen data tillgänglig.

10.2. Kemisk stabilitet

Produkten är stabil under de förhållanden som anges i avsnitt 7 (Hantering och lagring).

10.3. Risken för farliga reaktioner

Inga kända.

10.4. Förhållanden som ska undvikas

Inga kända.

10.5. Oförenliga material

Förvaras endast i originalförpackningen.

10.6. Farliga sönderdelningsprodukter

Under normala förvarings- och användningsförhållanden bör det inte skapas farliga nedbrytningsprodukter.

AVSNITT 11: TOXIKOLOGISK INFORMATION

11.1. Information om faroklasser enligt förordning (EG) nr 1272/2008

Akut toxicitet

Produkt/Ämne	väteperoxidlösning 35%
Art:	Råtta
Exponeringsväg:	Oralt
Test:	LD50
Resultat:	1.193 - 1.270 mg/L

Produkt/Ämne	väteperoxidlösning 35%
Art:	Kanin
Exponeringsväg:	Hud
Test:	LD50
Resultat:	>2.000 (35% oplossing) mg/kg

Skadligt vid förtäring.

Frätande/irriterande på huden

Produkt/Ämne	iT.34 laundry stainremover pro active oxygen
Resultat:	Akuta effekter har observerats (Irriterande)

Produkt/Ämne väteperoxidlösning 35%
Resultat: Akuta effekter har observerats (Irriterande)

Irriterar huden.

Allvarlig ögonskada/ögonirritation

Produkt/Ämne iT.34 laundry stainremover pro active oxygen
Resultat: Akuta effekter har observerats (Orsakar allvarliga ögonskador)

Produkt/Ämne väteperoxidlösning 35%
Resultat: Akuta effekter har observerats (Orsakar allvarliga ögonskador)

Orsakar allvarliga ögonskador.

Luftvägssensibilisering

Produkt/Ämne väteperoxidlösning 35%
Resultat: Inga skadliga effekter observerades (inte sensibiliserande)

Kriterierna för klassificering kan på grundval av tillgängliga data inte anses vara uppfyllda.

Hudsensibilisering

Kriterierna för klassificering kan på grundval av tillgängliga data inte anses vara uppfyllda.

Mutagenitet i könsceller

Kriterierna för klassificering kan på grundval av tillgängliga data inte anses vara uppfyllda.

Cancerogenitet

Produkt/Ämne väteperoxidlösning 35%
Slutsats: Inga skadliga effekter observerades

Kriterierna för klassificering kan på grundval av tillgängliga data inte anses vara uppfyllda.

Reproduktionstoxicitet

Produkt/Ämne väteperoxidlösning 35%
Slutsats: Inga skadliga effekter observerades

Kriterierna för klassificering kan på grundval av tillgängliga data inte anses vara uppfyllda.

Specifik organtoxicitet – enstaka exponering

Kan göra att man blir dåsig eller omtöcknad.

Specifik organtoxicitet – upprepad exponering

Kriterierna för klassificering kan på grundval av tillgängliga data inte anses vara uppfyllda.

Fara vid aspiration

Produkt/Ämne väteperoxidlösning 35%
Kriterierna för klassificering kan på grundval av tillgängliga data inte anses vara uppfyllda.

11.2. Information om andra faror

Långsiktiga effekter

Produkten innehåller ämnen som orsakar allvarlig ögonskada. Kontakt med dessa ämnen kan orsaka icke reversibla effekter på ögonen/allvarlig ögonskada.

Hormonstörande egenskaper

Denna blandning/produkt innehåller inga ämnen som anses ha hormonstörande egenskaper med avseende på hälsan.

Annan information

väteperoxidlösning 35%: Substansen har klassificerats i grupp 3 av IARC.

AVSNITT 12: EKOLOGISK INFORMATION

Är i enlighet med författningen (EG) nr 1907/2006 (REACH), Bilaga II, ändrad genom författningen (EU) nr 2020/878

12.1. Toxicitet

Produkt/Ämne: väteperoxidlösning 35%
Art: Fisk, Pimephales promelas
Varaktighet: 96 timmar
Test: LC50
Resultat: 16,4 mg/L

Produkt/Ämne: väteperoxidlösning 35%
Art: Fisk, Leuciscus idus
Varaktighet: 72 timmar
Test: LC50
Resultat: 35 mg/L

Produkt/Ämne: väteperoxidlösning 35%
Art: Fisk, Oncorhynchus mykiss
Varaktighet: 7 dagar
Test: LC50
Resultat: 38,5 mg/L

Produkt/Ämne: väteperoxidlösning 35%
Art: Daphnia pulex
Varaktighet: 48 timmar
Test: EC50
Resultat: 2,4 mg/L

Produkt/Ämne: väteperoxidlösning 35%
Art: Daphnia magna
Varaktighet: 24 timmar
Test: EC50
Resultat: 7,7 mg/L

Produkt/Ämne: väteperoxidlösning 35%
Art: Skeletonema costatum
Varaktighet: 72 timmar
Test: EC50
Resultat: 1,38 mg/L

Produkt/Ämne: väteperoxidlösning 35%
Testmetod: OECD 209
Art: Bakterier
Del av miljön: Aktiv slamanläggning
Varaktighet: 30 minutes
Test: EC50
Resultat: 466 mg/L

Produkt/Ämne: väteperoxidlösning 35%
Testmetod: OECD 209
Art: Bakterier
Del av miljön: Aktiv slamanläggning
Varaktighet: 3 timmar
Test: EC50
Resultat: > 1.000 mg/L

Kriterierna för klassificering kan på grundval av tillgängliga data inte anses vara uppfyllda.

12.2. Persistens och nedbrytbarhet

Produkt/Ämne: väteperoxidlösning 35%

Slutsats: Lätt biologiskt nedbrytbar

12.3. Bioackumuleringsförmåga

Produkt/Ämne väteperoxidlösning 35%
LogKow: -1,57
Slutsats: -

12.4. Rörlighet i jord

Ingen data tillgänglig.

12.5. Resultat av PBT- och vPvB-bedömningen

Denna blandning/produkt innehåller inga ämnen som anses uppfylla kriterierna för klassificering som PBT- och/eller vPvB-ämnen.

12.6. Hormonstörande egenskaper

Produkt/Ämne iT.34 laundry stainremover pro active oxygen
Slutsats: Inga skadliga effekter observerades

Denna blandning/produkt innehåller inga ämnen som anses ha endokrinstyrande egenskaper i förhållande till miljön.

12.7. Andra skadliga effekter

Inga kända.

AVSNITT 13: AVFALLSHANTERING

13.1. Avfallsbehandlingsmetoder

Denna produkt omfattas av bestämmelser om farligt avfall. (*)
HP 6 - Akut toxicitet
HP 8 - Frätande
Innehållet/behållaren lämnas till en godkänd avfallsanläggning.
Avfallsförordning (SFS 2020:614).

EWC-kod:
20 01 29* Rengöringsmedel som innehåller farliga ämnen

Förorenad förpackning

Avfallskategorin är vägledande och beror på vilket sätt avfallet har blivit till. Förpackningar med restinnehåll av produkten skall kasseras på samma sätt som produkten.

AVSNITT 14: TRANSPORTINFORMATION

	14.1 UN	14.2 Officiell transportbenämning	14.3 Faroklass för transport	14.4 PG*	14.5 Env**	Annan informatio n:
ADR	UN2014	VÄTEPEROXID, VATTENLÖSNING	Klass: 5.1 Etiketter: 5.1+8 Klassificeringskod: OC1  	II	Nej	Begränsad e mängder: 1 L Tunnelrestr iktionskod: (E) Se mer informatio n nedan.
IMDG	UN2014	HYDROGEN PEROXIDE, AQUEOUS SOLUTION with not less than 20% but	Klass: 5.1 Etiketter: 5.1+8 Klassificeringskod: OC1	II	Nej	Begränsad e mängder: 1 L

Är i enlighet med författningen (EG) nr 1907/2006 (REACH), Bilaga II, ändrad genom författningen (EU) nr 2020/878

	14.1 UN	14.2 Officiell transportbenämning	14.3 Faroklass för transport	14.4 PG*	14.5 Env**	Annan informatio n:
		not more than 60% hydrogen peroxide (stabilized as necessary)	 			EmS: F-H S-Q Se mer informatio n nedan.
IATA	UN2014	HYDROGEN PEROXIDE, AQUEOUS SOLUTION with not less than 20% but not more than 60% hydrogen peroxide (stabilized as necessary)	Klass: 5.1 Etiketter: 5.1+8 Klassificeringskod: OC1  	II	Nej	Se mer informatio n nedan.

* Förpackningsgrupp

** Miljöfaror

Annat

Produkten omfattas av konventionerna gällande farligt gods.

ADR / Se Tabell A, Avsnitt 3.2.1 för all information om särskilda villkor, krav eller varningar i samband med transport.
Se avsnitt 5.4.3 för skriftliga instruktioner angående begränsning av skador när det gäller incidenter eller olyckor under transport.

IMDG / Se Avsnitt 3.2.1 för all information om särskilda villkor, krav eller varningar i samband med transport.

IATA / Se Tabell 4.2 för all information om särskilda villkor, krav eller varningar i samband med transport.

14.6. Särskilda skyddsåtgärder

Ej tillämpligt.

14.7. Bulktransport till sjöss enligt IMO:s instrument

Ingen data tillgänglig.

AVSNITT 15: GÄLLANDE FÖRESKRIFTER

15.1. Föreskrifter/lagstiftning om ämnet eller blandningen när det gäller säkerhet, hälsa och miljö

Användningsrestriktioner:

Endast för yrkesmässigt bruk.

Krav på särskild utbildning:

Inga särskilda krav.

SEVESO - Farokategorier / Farliga ämnen:

Ej tillämpligt.

Förordning om sprängämnesprekursorer:

väteperoxidlösning 35% (Bilaga I)

Märkning av innehåll i enlighet med förordning (EG) nr 648/2004 om tvätt- och rengöringsmedel:

≥ 30%

· Syrebaserade blekmedel

Annat:

Ej tillämpligt.

Källor:

Direktiv 94/33/EG för skydd av unga i arbetslivet.

Europaparlamentets och rådets förordning (EG) nr 648/2004 av den 31 mars 2004 om tvätt- och rengöringsmedel.

Avfallsförordning (SFS 2020:614).

Rådets förordning (EU) 2019/1148 om sprängämnesprekursorer.
Europaparlamentets och rådets förordning (EG) nr 1272/2008 av den 16 december 2008 om klassificering, märkning och förpackning av ämnen och blandningar (CLP).
Europaparlamentets och rådets förordning (EG) nr 1907/2006 av den 18. december 2006 om registrering, utvärdering, godkännande och begränsning av kemikalier (REACH).

15.2. Kemikaliesäkerhetsbedömning

Nej

AVSNITT 16: ANNAN INFORMATION

Ordalydelse för H-fraser som anges i avsnitt 3

H271, Kan orsaka brand eller explosion. Starkt oxiderande.
H302, Skadligt vid förtäring.
H314, Orsakar allvarliga frätskador på hud och ögon.
H315, Irriterar huden.
H318, Orsakar allvarliga ögonskador.
H319, Orsakar allvarlig ögonirritation.
H332, Skadligt vid inandning.
H336, Kan göra att man blir dåsig eller omtöcknad.

Förkortningar och akronymer

ADR = Europeisk överenskommelse om transport av farligt gods på väg
ATE = Uppskattad akut toxicitet
BCF = Biokoncentrationsfaktor
CAS = Registreringsnummer som tilldelats av Chemical Abstract Services
CE = Conformité Européenne (I överensstämmelse med EU-direktiven)
CLP = Europaparlamentets och rådets förordning (EG) 1272/2009 (CLP) om klassificering, märkning och förpackning av ämnen och blandningar
CSA = Kemikaliesäkerhetsbedömning
CSR = Kemikaliesäkerhetsrapport
DNEL = Härledd noll-effekt nivå (Derived No Effect Level)
EINECS = European Inventory of Existing Commercial chemical Substances
ES = Exponeringsscenario
EUH-faroorangivelser = kompletterande faroorangivelser enligt CLP
EuPCS = Det europeiska produktkategoriseringssystemet
EWC = Europeiska avfallskatalogen
GHS = Globalt harmoniserat system för klassificering och märkning av kemiska ämnen och beredningar
GWP = Potential att bidra till växthuseffekten
IATA = International Air Transport Association
IMDG = International Maritime Dangerous Goods
LogPow = logaritmen av fördelningskoefficienten oktanol/vatten
MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)
OECD = Organisation for Economic Co-operation and Development
PBT = Persistenta, bioackumulerande och toxiska
PNEC = Koncentration som sannolikt inte förorsakar negativ effekt
REACH = Registrering, utvärdering, godkännande och begränsning av kemikalier (Förordning (EG) nr 1907/2006)
RRN = REACH registreringsnummer
SCL = Specifik koncentrationsbegränsning.
STOT-RE = Toxicitet för specifikt målorgan - upprepade exponering
STOT-SE = Toxicitet för specifikt målorgan - enstaka exponering
SVHC = Särskilt farliga ämnen
UVBC = Ämnen med okänd eller varierande sammansättning, komplexa reaktionsprodukter eller biologiskt material.

UN = Förenta Nationerna

VOC = Flyktiga organiska ämnen

vPvB = Mycket persistenta och mycket bioackumulerande

Annat

Blandningens klassificering gällande hälsorisker har skett i enlighet med beräkningsmetoder angivna i förordning (EG) nr 1272/2008 (CLP).

Säkerhetsdatabladet är validerat av

Quality & Compliance

Annat

Modifierad data i jämförelse med tidigare utgåva är märkt med en trekant (Första siffran i SDB version).

Upplysningarna i detta säkerhetsdatablad är baserat på vår nuvarande kunskap. Informationen på säkerhetsdatabladen bygger på bästa tillgängliga data och gäller vid produktens avsedda hantering. Detta säkerhetsdatablad avser endast denna produkt och är eventuellt inte tillämpligt om produkten används som ingrediens i annan produkt. Användes produkten på annat sätt eller i annan applikation än den som produkten ursprungligen utvecklats för, eller rekommenderats till, sker detta helt under användarens ansvar. Avsikten med detta säkerhetsdatablad är att beskriva säkerhetskraven för produkten. Det får inte uppfattas som en garanti för produktens egenskaper och informationerna kan inte ersätta ett produktdatablad.

Det rekommenderas att detta säkerhetsdatablad lämnas till den faktiska användaren av produkten.

Land-språk: SE-sv

SAFETY DATA SHEET

iT.34 laundry stainremover pro active oxygen

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

Product identifier

Trade name:

iT.34 laundry stainremover pro active oxygen

Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses of the substance or mixture:

Washing and cleaning products (including solvent based products)

Restricted to professional users.

Uses advised against :

None known.

Details of the supplier of the safety data sheet

Company and address:

Hygeniq B.V.

Postbus 618

7500 AP Enschede

The Netherlands

+31 53 4282860

+31 53 5393865

www.hygeniq.com

E-mail:

info@hygeniq.com

SDS date:

15/8/2025

SDS Version:

1.0

Emergency telephone number

In an emergency call 995

In less severe situations call the Drugs & Poison Hotline: 6423 9119

See section 4 "First aid measures".

SECTION 2: HAZARDS IDENTIFICATION

Classified according to SS 586-2:2022.

Classification of the substance or mixture

Met. Corr. 1; H290, May be corrosive to metals.

Acute Tox. 4; H302, Harmful if swallowed.

Skin Irrit. 2; H315, Causes skin irritation.

Conforms to Singapore Standard SS 586-3:2022

Eye Dam. 1; H318, Causes serious eye damage.
STOT SE 3; H336, May cause drowsiness or dizziness.

Label elements

Hazard pictogram(s):



Signal word:

Danger

Hazard statement(s):

May be corrosive to metals. (H290)
Harmful if swallowed. (H302)
Causes skin irritation. (H315)
Causes serious eye damage. (H318)
May cause drowsiness or dizziness. (H336)

Precautionary statement(s):

General:

Not applicable.

Prevention:

Wash hands and exposed skin thoroughly after handling. (P264)
Wear eye protection/protective gloves/protective clothing. (P280)

Response:

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.
Continue rinsing. (P305+P351+P338)
Absorb spillage to prevent material damage. (P390)

Storage:

Store in a container with a resistant inner liner. (P406)

Disposal:

Dispose of contents/container in accordance with local regulation.
(P501)

Hazardous substances:

hydrogen peroxide

Additional labelling:

Not applicable.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Substances

Not applicable. This product is a mixture.

Mixtures

Product/substance	Identifiers	% w/w	Classification	Note
hydrogen peroxide	CAS No.: 7722-84-1 EC No.: 231-765-0	30-50%	Ox. Liq. 1, H271 Acute Tox. 4, H302 Skin Corr. 1A, H314 (SCL: 70.00 %) Skin Corr. 1B, H314 (SCL: 50.00 %) Skin Irrit. 2, H315 (SCL: 35.00 %) Eye Dam. 1, H318 (SCL: 8.00 %)	

Conforms to Singapore Standard SS 586-3:2022

			Eye Irrit. 2, H319 (SCL: 5.00 %)	
			Acute Tox. 4, H332	
			STOT SE 3, H336 (SCL: 35.00 %)	

See full text of H-phrases in section 16. Occupational exposure limits are listed in section 8, if these are available.

Other information

SECTION 4: FIRST AID MEASURES

Description of first aid measures

General information:

In the case of accident: Contact a doctor or casualty department – bring the label or this safety data sheet.
Contact a doctor if in doubt about the injured person's condition or if the symptoms persist. Never give an unconscious person water or other drink.

Inhalation:

Upon breathing difficulties or irritation of the respiratory tract: Bring the person into fresh air and stay with him/her.

Skin contact:

IF ON SKIN: Wash with plenty of water/water and soap.
Remove contaminated clothing and shoes. Ensure to wash exposed skin thoroughly with water and soap. DO NOT use solvents or thinners.
If skin irritation occurs: Get medical advice/attention.

Eye contact:

If in eyes: Flush eyes with plenty of water or salt water (20-30 °C) for at least 30 minutes and continue until irritation stops. Remove contact lenses. Make sure you flush under the upper and lower eyelids. Seek medical assistance immediately and continue flushing during transport.

Ingestion:

IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.
Rinse mouth.

Burns:

Not applicable.

Most important symptoms and effects, both acute and delayed

The product contains substances that cause serious eye damage. Contact with these substances can cause irreversible effects on the eye / serious eye damage.

Indication of any immediate medical attention and special treatment needed

IF exposed or concerned:
Get immediate medical advice/attention.

Information to medics

Bring this safety data sheet or the label from this product.

SECTION 5: FIREFIGHTING MEASURES

Extinguishing media

Not applicable.

Special hazards arising from the substance or mixture

Fire will result in dense smoke. Exposure to combustion products may harm your health. Closed containers, which are exposed to fire, should be cooled with water. Do not allow fire-extinguishing water to enter the sewage system and nearby surface waters.

Advice for firefighters

Wear self-contained breathing apparatus and protective clothing to prevent contact. Upon direct exposure contact Drugs & Poison Hotline (tel: 6423 9119) in order to obtain further advice.
Hazchem Code: 2P

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Avoid direct contact with spilled substances.
Ensure adequate ventilation, especially in confined areas.
Avoid inhalation of vapours from spilled material.
Contaminated areas may be slippery.

Environmental precautions

Avoid discharge to lakes, streams, sewers, etc.
Keep unauthorized persons away from the spill

Methods and material for containment and cleaning up

Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations.
Wherever possible cleaning should be performed with normal cleaning agents. Avoid use of solvents.

Reference to other sections

See section 13 "Disposal considerations" on handling of waste.
See section 8 "Exposure controls/personal protection" for protective measures.

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling

Avoid direct contact with the product.
Smoking, drinking and consumption of food is not allowed in the work area.
See section 8 "Exposure controls/personal protection" for information on personal protection.

Conditions for safe storage, including any incompatibilities

Containers that have been opened must be carefully resealed and kept upright to prevent leakage.
Store in a container with a resistant inner liner.

Recommended storage material:

Keep only in original packaging.

Storage conditions:

Dry, cool and well ventilated

Incompatible materials:

Keep only in original packaging.

Specific end use(s)

This product should only be used for applications quoted in section 1.2.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

hydrogen peroxide

Conforms to Singapore Standard SS 586-3:2022

Long term PEL (8 hours) (ppm): 1
Long term PEL (8 hours) (mg/m³): 1.4

Workplace Safety and Health Act (Chapter 354a, Section 65), Workplace Safety and Health (General Provisions) Regulations (G.N. No. S 134/2006) (Latest revision: January 2023)

Exposure controls

Compliance with the given occupational exposure limits values should be controlled on a regular basis.

General recommendations:

Smoking, drinking and consumption of food is not allowed in the work area.

Exposure scenarios:

There are no exposure scenarios implemented for this product.

Exposure limits:

Professional users are subjected to the legally set maximum concentrations for occupational exposure. See occupational hygiene limit values above.

Appropriate technical measures:

The formation of vapours must be kept at a minimum and below current limit values (see above). Installation of a local exhaust system if normal air flow in the work room is not sufficient is recommended. Ensure eyewash and emergency showers are clearly marked.

Ensure that eyewash stations and safety showers are located within easy reach.

Apply standard precautions during use of the product. Avoid inhalation of vapours.

Hygiene measures:

Take off contaminated clothing and wash it before reuse.

Measures to avoid environmental exposure:

No specific requirements.

Individual protection measures, such as personal protective equipment

Generally:

Use only protective equipment with a recognized certification mark, e.g. the S-Mark.

Respiratory Equipment:

Work situation	Type	Class	Colour	Standards	
When there is risk of formation of mist/aerosol	Full mask			EN136	

Skin protection:

Recommended	Type/Category	Standards	
Dedicated work clothing should be worn.	-	-	

Hand protection:

Work situation	Material	Glove thickness (mm)	Breakthrough time (min.)	Standards	
In the event of prolonged exposure or high concentrations	Nitrile	0.4	> 480	EN374-2, EN16523-1, EN388	

Conforms to Singapore Standard SS 586-3:2022

Work situation	Material	Glove thickness (mm)	Breakthrough time (min.)	Standards	
In the event of prolonged exposure or high concentrations	Butyl	0,7	> 480	EN374-2, EN16523-1, EN388, EN421	

Eye protection:

Type	Standards	
Safety glasses with side shields.	EN166	

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Form:

Liquid

Colour:

Colourless

Odour:

Characteristic

Odour threshold (ppm):

No data available.

pH:

2.5

Density (g/cm³):

1.1 (20 °C)

Kinematic viscosity:

No data available.

Particle characteristics:

Does not apply to liquids.

Phase changes

Melting point/Freezing point (°C):

No data available.

Softening point/range (°C):

Does not apply to liquids.

Boiling point (°C):

100

Vapour pressure:

No data available.

Relative vapour density:

No data available.

Decomposition temperature (°C):

No data available.

Evaporation rate (n-butylacetate = 100):

Data on fire and explosion hazards

Flash point (°C):

No data available.

Flammability (°C):

No data available.

Auto-ignition temperature (°C):

No data available.

Explosion limits (% v/v):

No data available.

Solubility

Solubility in water:

Completely soluble

n-octanol/water coefficient (LogKow):

No data available.

Solubility in fat (g/L):

No data available.

Other information

Other physical and chemical parameters:

No data available.

Oxidizing properties:

No data available.

SECTION 10: STABILITY AND REACTIVITY

Reactivity

No data available.

Chemical stability

The product is stable under the conditions, noted in section 7 "Handling and storage".

Possibility of hazardous reactions

None known.

Conditions to avoid

None known.

Incompatible materials

Keep only in original packaging.

Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: TOXICOLOGICAL INFORMATION

Information on toxicological effects

Acute toxicity

Product/substance	hydrogen peroxide
Species:	Rat
Route of exposure:	Oral
Test:	LD50

Conforms to Singapore Standard SS 586-3:2022

Result: 1.193 - 1.270 mg/L

Product/substance: hydrogen peroxide
Species: Rabbit
Route of exposure: Dermal
Test: LD50
Result: >2.000 (35% oplossing) mg/kg

Harmful if swallowed.

Skin corrosion/irritation

Product/substance: iT.34 laundry stainremover pro active oxygen
Result: Adverse effect observed (Irritating)

Product/substance: hydrogen peroxide
Result: Adverse effect observed (Irritating)

Causes skin irritation.

Serious eye damage/irritation

Product/substance: iT.34 laundry stainremover pro active oxygen
Result: Adverse effect observed (Causes serious eye damage)

Product/substance: hydrogen peroxide
Result: Adverse effect observed (Causes serious eye damage)

Causes serious eye damage.

Respiratory sensitisation

Product/substance: hydrogen peroxide
Result: No adverse effect observed (not sensitising)

Based on available data, the classification criteria are not met.

Skin sensitisation

Based on available data, the classification criteria are not met.

Germ cell mutagenicity

Based on available data, the classification criteria are not met.

Carcinogenicity

Product/substance: hydrogen peroxide
Conclusion: No adverse effect observed

Based on available data, the classification criteria are not met.
hydrogen peroxide has been classified by IARC as a group 3 carcinogen.

Reproductive toxicity

Product/substance: hydrogen peroxide
Conclusion: No adverse effect observed

Based on available data, the classification criteria are not met.

STOT-single exposure

May cause drowsiness or dizziness.

STOT-repeated exposure

Based on available data, the classification criteria are not met.

Aspiration hazard

Product/substance: hydrogen peroxide
Based on available data, the classification criteria are not met.

Long term effects

Conforms to Singapore Standard SS 586-3:2022

The product contains substances that cause serious eye damage. Contact with these substances can cause irreversible effects on the eye / serious eye damage.

SECTION 12: ECOLOGICAL INFORMATION

Toxicity

Product/substance: hydrogen peroxide
Species: Fish, Pimephales promelas
Duration: 96 hours
Test: LC50
Result: 16,4 mg/L

Product/substance: hydrogen peroxide
Species: Fish, Leuciscus idus
Duration: 72 hours
Test: LC50
Result: 35 mg/L

Product/substance: hydrogen peroxide
Species: Fish, Oncorhynchus mykiss
Duration: 7 days
Test: LC50
Result: 38,5 mg/L

Product/substance: hydrogen peroxide
Species: Daphnia pulex
Duration: 48 hours
Test: EC50
Result: 2,4 mg/L

Product/substance: hydrogen peroxide
Species: Daphnia magna
Duration: 24 hours
Test: EC50
Result: 7,7 mg/L

Product/substance: hydrogen peroxide
Species: Skeletonema costatum
Duration: 72 hours
Test: EC50
Result: 1,38 mg/L

Product/substance: hydrogen peroxide
Test method: OECD 209
Species: Bacteria
Compartment: Activated Sludge Plant
Duration: 30 minutes
Test: EC50
Result: 466 mg/L

Product/substance: hydrogen peroxide
Test method: OECD 209
Species: Bacteria
Compartment: Activated Sludge Plant
Duration: 3 hours

Conforms to Singapore Standard SS 586-3:2022

Test: EC50
Result: > 1.000 mg/L

Based on available data, the classification criteria are not met.

Persistence and degradability

Product/substance hydrogen peroxide
Conclusion: Readily biodegradable

Bioaccumulative potential

Product/substance hydrogen peroxide
LogKow: -1,57
Conclusion: -

Mobility in soil

No data available.

Results of PBT and vPvB assessment

This mixture/product does not contain any substances known to fulfil the criteria for PBT and vPvB classification.

Other adverse effects

None known.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste treatment methods

Dispose of contents/container to an approved waste disposal plant.
Environmental Protection and Management Act 1999 (2020 Rev. Ed.)

Contaminated packing

Packaging containing residues of the product must be disposed of similarly to the product.

SECTION 14: TRANSPORT INFORMATION

	14.1 UN / ID	14.2 UN proper shipping name	14.3 Hazard class(es)	14.4 PG*	14.5 Env**	Other informatio n:
ADR	UN2014	HYDROGEN PEROXIDE, AQUEOUS SOLUTION with not less than 20% but not more than 60% hydrogen peroxide (stabilized as necessary)	Transport hazard class: 5.1 Label: 5.1+8 Classification code: OC1  	II	No	Limited quantities: 1 L Tunnel restriction code: (E) See below for additional information.
IMDG	UN2014	HYDROGEN PEROXIDE, AQUEOUS SOLUTION with not less than 20% but not more than 60% hydrogen peroxide (stabilized as necessary)	Transport hazard class: 5.1 Label: 5.1+8 Classification code: OC1  	II	No	Limited quantities: 1 L EmS: F-H S-Q See below for

Conforms to Singapore Standard SS 586-3:2022

	14.1 UN / ID	14.2 UN proper shipping name	14.3 Hazard class(es)	14.4 PG*	14.5 Env**	Other informatio n:
						additional informatio n.
IATA	UN2014	HYDROGEN PEROXIDE, AQUEOUS SOLUTION with not less than 20% but not more than 60% hydrogen peroxide (stabilized as necessary)	Transport hazard class: 5.1 Label: 5.1+8 Classification code: OC1  	II	No	See below for additional informatio n.

* Packing group

** Environmental hazards

Additional information

This product is within scope of the regulations of transport of dangerous goods.

ADR / See Table A, section 3.2.1 for any information on special provisions, requirements, or warnings in connection with transport. See section 5.4.3, for instructions in writing regarding mitigation of damages in relation to incidents or accidents during transport.

IMDG / See section 3.2.1, for any information on special provisions, requirements, or warnings in connection with transport.

IATA / See Table 4.2 for any information on special provisions, requirements, or warnings in connection with transport.

Hazchem Code: 2P

Special precautions for user

Not applicable.

Transport in bulk according to Annex II of Marpol and the IBC Code

No data available.

SECTION 15: REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture

Restrictions for application:

Restricted to professional users.

Demands for specific education:

No specific requirements.

Major hazard installation:

Not applicable.

Additional information:

Not applicable.

Sources:

Employment Act 1968 (2020 Rev. Ed.)

Environmental Protection and Management Act 1999 (2020 Rev. Ed.)

Environmental Protection and Management Act (Chapter 94a, Section 77), Environmental Protection and Management (Hazardous Substances) Regulations (No. S 159/1999)

Globally Harmonized System of Classification and Labelling of Chemicals (GHS Rev. 8, 2019) as specified by SS 586-2 and SS 586-3:2022.

Chemical safety assessment

No

SECTION 16: OTHER INFORMATION

Full text of H-phrases as mentioned in section 3

H271, May cause fire or explosion; strong oxidiser.
H302, Harmful if swallowed.
H314, Causes severe skin burns and eye damage.
H315, Causes skin irritation.
H318, Causes serious eye damage.
H319, Causes serious eye irritation.
H332, Harmful if inhaled.
H336, May cause drowsiness or dizziness.

The full text of identified uses as mentioned in section 1

None known.

Abbreviations and acronyms

ATE = Acute Toxicity Estimate
BCF = Bioconcentration Factor
CAS = Chemical Abstracts Service
EINECS = European Inventory of Existing Commercial chemical Substances
GHS = Globally Harmonized System of Classification and Labelling of Chemicals
IARC = International Agency for Research on Cancer
IATA = International Air Transport Association
IMDG = International Maritime Dangerous Goods
LogPow = logarithm of the octanol/water partition coefficient
MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)
OECD = Organisation for Economic Co-operation and Development
PBT = Persistent, Bioaccumulative and Toxic
PEL = Permissible Exposure Level
RCM = Regulatory Mark of Conformity
RID = The Regulations concerning the International Carriage of Dangerous Goods by Rail
SCL = A specific concentration limit
SS = Singapore Standard
STEL = Short-term exposure limits
STOT-RE = Specific Target Organ Toxicity - Repeated Exposure
STOT-SE = Specific Target Organ Toxicity - Single Exposure
TWA = Time weighted average
UN = United Nations
UVBC = Unknown or variable composition, complex reaction products or of biological materials
VOC = Volatile Organic Compound
vPvB = Very Persistent and Very Bioaccumulative

Additional information

The classification of the mixture in regard of health hazards is in accordance with the calculation methods given by SS 586-2:2022.

The safety data sheet is validated by

Quality & Compliance

Other

A change (in proportion to the last essential change (first cipher in SDS version, see section 1)) is marked with a triangle.

The information in this safety data sheet applies only to this specific product (mentioned in section 1) and is not necessarily correct for use with other chemicals/products.

Conforms to Singapore Standard SS 586-3:2022

It is recommended to hand over this safety data sheet to the actual user of the product. Information in this safety data sheet cannot be used as a product specification.

Country-language: SG-en

VARNOSTNI LIST

iT.34 laundry stainremover pro active oxygen

ODDELEK 1: IDENTIFIKACIJA SNOVI/ZMESI IN DRUŽBE/PODJETJA

1.1. Identifikator izdelka

Trgovsko ime:

iT.34 laundry stainremover pro active oxygen

Enolični identifikator formule (UFI):

KWY8-NPOS-J88H-EC1G

1.2. Pomembne identificirane uporabe snovi ali zmesi in odsvetovane uporabe

Pomembne identificirane uporabe snovi ali zmesi:

Detergenti in čistilna sredstva (vključno s tistimi na osnovi topil)

Samo za poklicne uporabnike.

Odsvetovane uporabe:

Ni znano.

1.3. Podrobnosti o dobavitelju varnostnega lista

Podjetje in naslov podjetja:

Hygeniq B.V.

Lenteweg 15

7532 RV Enschede

Nederland

0534282860

E-pošta:

info@hygeniq.com

Sprememba:

15. 08. 2025

Različica SDS:

1.0

1.4. Telefonska številka za nujne primere

112

Glejte oddelek 4 "Ukrepi za prvo pomoč"

ODDELEK 2: DOLOČITEV NEVARNOSTI

Razvrščeno glede na Uredbo (ES) št. 1272/2008 (CLP).

2.1. Razvrstitev snovi ali zmesi

Met. Corr. 1; H290, Lahko je jedko za kovine.

Acute Tox. 4; H302, Zdravju škodljivo pri zaužitju.

Skin Irrit. 2; H315, Povzroča draženje kože.

Eye Dam. 1; H318, Povzroča hude poškodbe oči.

STOT SE 3; H336, Lahko povzroči zaspanost ali omotico.

2.2. Elementi etikete

Piktogram(i) za nevarnost:



Opozorilna beseda:

Nearno

Stavki o nevarnosti:

Lahko je jedko za kovine. (H290)
Zdravju škodljivo pri zaužitju. (H302)
Povzroča draženje kože. (H315)
Povzroča hude poškodbe oči. (H318)
Lahko povzroči zaspanost ali omotico. (H336)

Previdnostni stavki:

Splošno:

Se ne uporablja.

Preprečevanje:

Po uporabi temeljito umiti roke in izpostavljena koža. (P264)
Nositi zaščita za oči/zaščitne rokavice/zaščitna oblačila. (P280)

Odgovor:

PRI STIKU Z OČMI: Previdno izpirati z vodo nekaj minut. Odstranite kontaktne leče, če jih imate in če to lahko storite brez težav. Nadaljujte z izpiranjem. (P305+P351+P338)
Odpraviti razlitje, da se prepreči materialna škoda. (P390)

Shramba:

Hraniti v posodi, z odporno notranjo oblogo. (P406)

Odstranjevanje:

Odstraniti vsebino/posodo v skladu z lokalnimi predpisi (P501)

Identiteta snovi, ki so primarno odgovorne za večja zdravstvena tveganja:

vodikov peroksid v raztopini 35%

Dodatno označevanje:

UFI: KWY8-NP0S-J88H-EC1G

Označevanje vsebine v skladu z Uredbo o detergentih 648/2004 (velja za embalažo detergentov, ki se prodajajo širši javnosti):

≥ 30%

· Belila na osnovi kisika

2.3. Druge nevarnosti

Dodatna opozorila:

Mešanica/izdelek ne vsebuje nobenih snovi, ki izpolnjujejo merila za razvrstitev kot PBT in/ali vPvB.

Ta proizvod ne vsebuje nobenih snovi, za katere se šteje, da so endokrini motilci v skladu z merili, določenimi v Delegirani uredbi Komisije (EU) 2017/2100 ali Uredbi Komisije (EU) 2023/707.

ODDELEK 3: SESTAVA/PODATKI O SESTAVINAH

3.1. Snovi

Se ne uporablja. Ta proizvod je mešanica.

3.2. Zmesi

Izdelek/sestavina	Identifikatorji	% w/w	Razvrstitev	Opombe
vodikov peroksid v raztopini 35%	Št. CAS: 7722-84-1 Št. ES: 231-765-0 REACH: 01-2119485845-22-XXXX Indeksna št.: 008-003-00-9	30-50%	Ox. Liq. 1, H271 Acute Tox. 4, H302 Skin Corr. 1A, H314 (SCL: 70,00 %) Skin Corr. 1B, H314 (SCL: 50,00 %) Skin Irrit. 2, H315 (SCL: 35,00 %) Eye Dam. 1, H318 (SCL: 8,00 %) Eye Irrit. 2, H319 (SCL: 5,00 %) Acute Tox. 4, H332 STOT SE 3, H336 (SCL: 35,00 %)	

Poglejte celotno besedilo o H-stavkih v oddelek 16. Mejne vrednosti poklicne izpostavljenosti so našteje v oddelek 8, če so na voljo.

Druge informacije

-

ODDELEK 4: UKREPI ZA PRVO POMOČ

4.1. Opis ukrepov za prvo pomoč

Splošne informacije:

V primeru nesreče: Stopite v stik z zdravnikom ali urgenco - vzemite nalepko ali ta varnostni list s sabo. Posvetujte z zdravnikom, če ste v dvomih o stanju poškodovanca ali če simptomi ne izginejo. Nikoli ne dajajte nezavestni osebi vode ali podobno.

Vdihavanje:

Ob težavah z dihanjem ali draženju dihal: Pospremite osebo na svež zrak in ostanite tam z njo.

Stik s kožo:

PRI STIKU S KOŽO: Umiti z veliko vodo/voda in milo.
Odstranite kontaminirana oblačila ter obutev. Kožo, ki je bila v stiku z materialom, je treba temeljito sprati z vodo in milom. NE UPORABLJAJTE topil in razredčil.
Če nastopi draženje kože: poiščite zdravniško pomoč/oskrbo.

Stik z očmi:

Pri stiku z očmi: Oči spirajte z obilo vode ali slano raztopino (20-30 ° C) vsaj 30 minut in nadaljujte dokler draženje ne poneha. Odstranite kontaktne leče. Poskrbite, da sperete prostor pod zgornjo in spodnjo veko. Takoj poiščite zdravniško pomoč in nadaljujte z izpiranjem med prevozom.

Zaužitje:

PRI ZAUŽITJU: Ob slabem počutju pokličite CENTER ZA ZASTRUPITVE/zdravnik.
Izprati usta.

Opekline:

Se ne uporablja.

4.2. Najpomembnejši simptomi in učinki, akutni in zapozneli

Proizvod vsebuje snovi, ki povzročajo hude poškodbe oči. Stik s temi snovmi lahko povzroči trajne učinke na oči/hude poškodbe oči.

4.3. Navedba kakršne koli takojšnje medicinske oskrbe in posebnega zdravljenja

PRI izpostavljenosti ali sumu izpostavljenosti:
Takoj poiščite zdravniško pomoč/oskrbo.

Navodila medicinskemu osebju

Prinesite ta varnostnega lista ali etiketo z materiala.

ODDELEK 5: PROTIPOŽARNI UKREPI

5.1. Sredstva za gašenje

Se ne uporablja.

5.2. Posebne nevarnosti v zvezi s snovjo ali zmesjo

Ob izbruhu ognja pride do gostega dima. Izpostavljenost kataboličnim izdelkom lahko škoduje vašemu zdravju. Zaprte posode, ki so izpostavljene ognju, je treba ohladiti z vodo. Preprečite, da bi voda, s katero je bil gašen požar, iztekala v kanalizacijo in druge vodotoke.

5.3. Nasvet za gasilce

Za preprečitev stika, nosite samozadosten dihalni aparat in zaščitno obleko.

ODDELEK 6: UKREPI OB NENAMERNIH IZPUSTIH

6.1. Osební varnostni ukrepi, zaščitna oprema in postopki v sili

Izogibajte se neposrednemu stiku z razlitimi snovmi.
Zagotovite ustrezno prezračevanje, predvsem v zaprtih prostorih.
Izogibajte se vdihavanju hlapov iz odpadnega materiala.
Kontaminirana območja so lahko spolzka.

6.2. Okoljevarstveni ukrepi

Izogibajte se izpustom v jezera, potoke, kanalizacijo, itd.
Nepooblaščené osebe naj se ne približujejo razlitju

6.3. Metode in materiali za zadrževanje in čiščenje

Razlitje omejite in zberite z nevnetljivim, vpojnim materialom, npr. peskom, zemljo, vermikulitom ali diatomejsko zemljo, in dajte v posodo za odlaganje v skladu z lokalnimi predpisi.
Počistiti je potrebno v največji možni meri, z uporabo običajnih čistil. Izogibati se je potrebno topilom.

6.4. Sklícévanje na druge oddelke

Glejte oddelek 13 "Odstranjevanje" za ravnanje z odpadki.
Za zaščitne ukrepe glejte oddelek 8 "Nadzor izpostavljenosti/osebna zaščita".

ODDELEK 7: RAVNANJE IN SKLADIŠČENJE

7.1. Varnostni ukrepi za varno ravnanje

Izogibajte se neposrednemu kontaktu z izdelkom.
V delovnih prostorih ni dovoljeno kajenje, uživanje hrane ali tekočine in shranjevanje tobaka, hrane ali tekočine.
Glejte oddelek "Nadzor izpostavljenosti/osebna zaščita" za informacije glede osebne zaščite.

7.2. Pogoji za varno skladiščenje, vključno z nezdružljivostjo

Posode, ki so bile odprte, se morajo previdno zatesniti in hraniti v pokončnem položaju, da se prepreči iztekanje.
Hraniti v posodi, z odporno notranjo oblogo.

Združljivostjo embalaže:

Hraniti samo v originalni embalaži.

Pogji skladiščenja:

Suho, hladno in dobro prezračeno

Nezdružljivi materiali:

Hraniti samo v originalni embalaži.

7.3. Posebne končne uporabe

Ta izdelek se sme uporabljati le za uporabe, opisane v oddelek 1.2.

ODDELEK 8: NADZOR IZPOSTAVLJENOSTI/OSEBNA ZAŠČITA

8.1. Parametri nadzora

vodikov peroksid v raztopini 35%

Kratkotrajna vrednost (15 min) (KTV) (mg/m³): 1

Mejne vrednosti (8 ur) (MV) (ppm): 1

Mejne vrednosti (8 ur) (MV) (mg/m³): 1,4

1602. Pravilnik o spremembah in dopolnitvah Pravilnika o varovanju delavcev pred tveganji zaradi izpostavljenosti kemičnim snovem pri delu, stran 4251.

DNEL

vodikov peroksid v raztopini 35%

Trajanje:	Način izpostavljenosti:	DNEL:
Dolgoročno - lokalni učinki - delavci	Inhalacija	1.4 mg/m ³
Dolgoročno - lokalni učinki - splošna populacija	Inhalacija	0,21 mg/m ³
Dolgoročno - lokalni učinki - splošna populacija	Inhalacija	210 µg/m ³
Kratkoročno - lokalni učinki - delavci	Inhalacija	3 mg/m ³
Kratkoročno - lokalni učinki - splošna populacija	Inhalacija	1.93 mg/m ³

PNEC

vodikov peroksid v raztopini 35%

Način izpostavljenosti:	Trajanje izpostavljenosti:	PNEC:
Morska usedlina		0,047 mg/L
Morska usedlina		47 µg/kg
Morska voda		0,047 mg/L
Morska voda		12.6 µg/L
Naprava za čiščenje odplak		466 mg/L
Občasno spuščanje (sladka voda)		13.8 µg/L
Sladka voda		0,0126 mg/L
Sladka voda		12.6 µg/L
Sladkovona usedlina		0,047 mg/kg
Sladkovona usedlina		47 µg/kg
Tla		0,023 mg/kg
Tla		1.9 µg/kg

8.2. Nadzor izpostavljenosti

Skladnost z navedenimi vrednostmi omejitev ob izpostavljenosti, je treba redno preverjati.

Splošna priporočila:

V delovnih prostorih ni dovoljeno kajenje, uživanje hrane ali tekočine in shranjevanje tobaka, hrane ali tekočine.

Scenariji izpostavljenosti:

Za ta izdelek ni scenarijev izpostavljenosti.

Omejitve izpostavljenosti:

Trgovci so zajeti v pravilih zakonodaje delovnega okolja glede najvišjih dovoljenih koncentracij izpostavljenosti. Zgoraj si oglejte mejne vrednosti delovne higijene.

Primerni tehnični ukrepi:

Nastajanje pare naj bo minimalno in pod vrednostmi trenutne omejitve (glejte zgoraj.). Če v delovnem prostoru ni zadostnega normalnega zračnega pretoka, je priporočena namestitev lokalnega izpušnega sistema. Prepričajte se, da so zasilne enote za izpiranje oči in prhe jasno označene.

Poskrbite, da so na zlahka dosegljivih mestih postaje za umivanje oči in varnostne prhe.

Med uporabo izdelka upoštevajte varnostne ukrepe. Izogibajte se vdihavanju hlapov.

Higienski ukrepi:

Sleči kontaminirana oblačila in jih oprati pred ponovno uporabo.

Ukrepi, da se prepreči okoljska izpostavljenost:

Ni posebnih zahtev.

Posamezni varnostni ukrepi, kot na primer osebna zaščitna oprema

Na splošno:

Uporabljajte samo zaščitno opremo z oznako CE.

Dihalna oprema:

Okoliščine na delovnem mestu	Tip	Razred	Barva	Standarde	
Kjer obstaja nevarnost tvorbe meglic/aerosola	Če prezračevnost delovnega mesta ni zadostna, uporabite celotno masko			EN136	

Zaščita kože:

Priporočeno	Tipa/Kategorije	Standarde	
Uporabljajte posebno delovno obleko	-	-	

Zaščita za roke:

Okoliščine na delovnem mestu	Material	Debelina rokavice (mm)	Čas prodiranja (min.)	Standarde	
V primeru dolgotrajne izpostavljenosti ali pri visokih koncentracijah	Nitrilna guma	0,4	> 480	EN374-2, EN16523-1, EN388	
V primeru dolgotrajne izpostavljenosti ali pri visokih koncentracijah	Butilna guma	0,7	> 480	EN374-2, EN16523-1, EN388, EN421	

Zaščita za oči:

Tip	Standarde	
Nosite varnostna očala s stranskimi ščitniki.	EN166	

ODDELEK 9: FIZIKALNE IN KEMIJSKE LASTNOSTI

9.1. Podatki o osnovnih fizikalnih in kemijskih lastnostih

Oblika:

Tekoč

Barva:

Brezbarven

Vonj / Mejne vrednosti vonja (ppm):

Značilen

pH:

2.5

Gostota (g/cm³):

1,1 (20 °C)

Kinematična viskoznost:

Podatki niso na voljo.

Lastnosti delcev:

Se ne uporablja za tekočine.

Spremembe faz

Tališče/ledišče (°C):

Podatki niso na voljo.

Zmehčišče (voskih in pastah) (°C):

Se ne uporablja za tekočine.

Vreliščna točka (°C):

100

Pritisk pare:

Podatki niso na voljo.

Relativna parna gostota:

Podatki niso na voljo.

Temperatura razpadanja (°C):

Podatki niso na voljo.

Podatki o nevarnostih požara in eksplozije

Plamenišče (°C):

Podatki niso na voljo.

Vnetljivost (°C):

Podatki niso na voljo.

Temperatura samovžiga (°C):

Podatki niso na voljo.

Omejitve eksplozije (Vol %):

Podatki niso na voljo.

Topnost

Topnost v vodi:

Povsem topno

n-oktanol / vodni koeficient (LogKow):

Podatki niso na voljo.

Topnost v maščobi (g/L):

Podatki niso na voljo.

9.2. Drugi podatki

Drugi fizikalni in kemijski parametri:

Podatki niso na voljo.

Oksidacijske lastnosti:

Podatki niso na voljo.

ODDELEK 10: OBSTOJNOST IN REAKTIVNOST

10.1. Reaktivnost

Podatki niso na voljo.

10.2. Kemijska stabilnost

Izdelek je stabilen v pogojih, ki so navedeni v oddelek 7 "Ravnanje in skladiščenje".

10.3. Možnost poteka nevarnih reakcij

Ni znano.

10.4. Pogoji, ki se jim je treba izogniti

Ni znano.

10.5. Nezdružljivi materiali

Hraniti samo v originalni embalaži.

10.6. Nevarni produkti razgradnje

V običajnih pogojih shranjevanja in uporabe ne bi smeli nastajati nevarni produkti razgradnje.

ODDELEK 11: TOKSIKOLOŠKI PODATKI

11.1. Podatki o razredih nevarnosti, kakor so opredeljeni v Uredbi (ES) št. 1272/2008

Akutna toksičnost

Izdelek/sestavina	vodikov peroksid v raztopini 35%
Vrste:	Podgana
Način izpostavljenosti:	Oralno
Test:	LD50
Rezultat:	1.193 - 1.270 mg/L

Izdelek/sestavina	vodikov peroksid v raztopini 35%
Vrste:	Zajec
Način izpostavljenosti:	Dermalno
Test:	LD50
Rezultat:	>2.000 (35% oplossing) mg/kg

Zdravju škodljivo pri zaužitju.

Jedkost / draženje kože

Izdelek/sestavina	iT.34 laundry stainremover pro active oxygen
Rezultat:	Ugotovljeni škodljivi učinki (Draži)

Izdelek/sestavina	vodikov peroksid v raztopini 35%
Rezultat:	Ugotovljeni škodljivi učinki (Draži)

Povzroča draženje kože.

Resna poškodba/draženje oči

Izdelek/sestavina Rezultat:	iT.34 laundry stainremover pro active oxygen Ugotovljeni škodljivi učinki (Povzročča hude poškodbe oči)

Izdelek/sestavina Rezultat:	vodikov peroksid v raztopini 35% Ugotovljeni škodljivi učinki (Povzročča hude poškodbe oči)

Povzročča hude poškodbe oči.

Preobčutljivost dihal

Izdelek/sestavina Rezultat:	vodikov peroksid v raztopini 35% Škodljivi učinki niso bili ugotovljeni (ne senzibilizira)

Na podlagi razpoložljivih podatkov merila za razvrstitev niso izpolnjena.

Preobčutljivost kože

Na podlagi razpoložljivih podatkov merila za razvrstitev niso izpolnjena.

Mutagenost zarodnih celic

Na podlagi razpoložljivih podatkov merila za razvrstitev niso izpolnjena.

Rakotvornost

Izdelek/sestavina Zaključek:	vodikov peroksid v raztopini 35% Škodljivi učinki niso bili ugotovljeni

Na podlagi razpoložljivih podatkov merila za razvrstitev niso izpolnjena.

Razmnoževalna toksičnost

Izdelek/sestavina Zaključek:	vodikov peroksid v raztopini 35% Škodljivi učinki niso bili ugotovljeni

Na podlagi razpoložljivih podatkov merila za razvrstitev niso izpolnjena.

STOT-enkratna izpostavljenost

Lahko povzroči zaspanost ali omotico.

STOT-ponavljajoča izpostavljenost

Na podlagi razpoložljivih podatkov merila za razvrstitev niso izpolnjena.

Nevarnost pri vdihavanju

Izdelek/sestavina	vodikov peroksid v raztopini 35%

Na podlagi razpoložljivih podatkov merila za razvrstitev niso izpolnjena.

11.2. Podatki o drugih nevarnostih

Dolgoročni učinki

Proizvod vsebuje snovi, ki povzročajo hude poškodbe oči. Stik s temi snovmi lahko povzroči trajne učinke na oči/hude poškodbe oči.

Lastnosti endokrinih motilcev

Ta mešanica/izdelek ne vsebuje nobene snovi, za katero se šteje, da ima lastnosti hormonskega motilca v zvezi z zdravjem

Drugi podatki

vodikov peroksid v raztopini 35%: Agencija IARC je snov razvrstila v skupino 3.

ODDELEK 12: EKOLOŠKI PODATKI

12.1. Strupenost

Izdelek/sestavina Vrste: Trajanje: Test:	vodikov peroksid v raztopini 35% Riba, Pimephales promelas 96 ur LC50

Skladno z Uredbo ES št. 1907/2006 (REACH), PRILOGA II, spremenjeno z Uredbo (EU) št. 2020/878

Rezultat: 16,4 mg/L

Izdelek/sestavina: vodikov peroksid v raztopini 35%
Vrste: Riba, *Leuciscus idus*
Trajanje: 72 ur
Test: LC50
Rezultat: 35 mg/L

Izdelek/sestavina: vodikov peroksid v raztopini 35%
Vrste: Riba, *Oncorhynchus mykiss*
Trajanje: 7 dneh
Test: LC50
Rezultat: 38,5 mg/L

Izdelek/sestavina: vodikov peroksid v raztopini 35%
Vrste: *Daphnia pulex*
Trajanje: 48 ur
Test: EC50
Rezultat: 2,4 mg/L

Izdelek/sestavina: vodikov peroksid v raztopini 35%
Vrste: *Daphnia magna*
Trajanje: 24 ur
Test: EC50
Rezultat: 7,7 mg/L

Izdelek/sestavina: vodikov peroksid v raztopini 35%
Vrste: *Skeletonema costatum*
Trajanje: 72 ur
Test: EC50
Rezultat: 1,38 mg/L

Izdelek/sestavina: vodikov peroksid v raztopini 35%
Testni metoda: OECD 209
Vrste: Bakterije
Oddelek okolja: Naprava z aktivnim blatom
Trajanje: 30 minutes
Test: EC50
Rezultat: 466 mg/L

Izdelek/sestavina: vodikov peroksid v raztopini 35%
Testni metoda: OECD 209
Vrste: Bakterije
Oddelek okolja: Naprava z aktivnim blatom
Trajanje: 3 ur
Test: EC50
Rezultat: > 1.000 mg/L

Na podlagi razpoložljivih podatkov merila za razvrstitev niso izpolnjena.

12.2. Obstočnost in razgradljivost

Izdelek/sestavina: vodikov peroksid v raztopini 35%
Zaključek: Hiter biološki razkroj

12.3. Zmožnost kopičenja v organizmih

Izdelek/sestavina: vodikov peroksid v raztopini 35%
LogKow: -1,57

Zaključek: -

12.4. Mobilnost v tleh

Podatki niso na voljo.

12.5. Rezultati ocene PBT in vPvB

Mešanica/izdelek ne vsebuje nobenih snovi, ki izpolnjujejo merila za razvrstitev kot PBT in/ali vPvB.

12.6. Lastnosti endokrinih motilcev

Izdelek/sestavina iT.34 laundry stainremover pro active oxygen
Zaključek: Škodljivi učinki niso bili ugotovljeni

Ta mešanica/izdelek ne vsebuje nobene snovi, za katero se šteje, da ima lastnosti endokrinega motilca v zvezi z okoljem.

12.7. Drugi škodljivi učinki

Ni znano.

ODDELEK 13: ODSTRANJEVANJE

13.1. Metode ravnanja z odpadki

Izdelek je zajet v predpisih o nevarnih odpadkih. (*)

HP 6 - Akutna strupenost

HP 8 - Jedko

Odstraniti vsebino/posodo pooblaščenemu obratu za odstranitev odpadkov.

Uredba (EU) št. 1357/2014 z dne 18. decembra 2014 o odpadkih.

EWC koda:

20 01 29* čistila, ki vsebujejo nevarne snovi

Kontaminirana embalaža

Embalažo, ki vsebuje ostanke iz izdelka, je treba odstraniti na enak način, kot izdelek.

ODDELEK 14: PODATKI O PREVOZU

	14.1 ZN	14.2 Pravilno odpretno ime ZN	14.3 Razredi nevarnosti prevoza	14.4 PG*	14.5 Env**	Druge informacij e:
ADR	UN2014	VODIKOV PEROKSID, VODNA RAZTOPINA	Razred: 5.1 Nalepke nevarnosti: 5.1+8 Razvrstitveni kod: OC1  	II	Ne	Omejene količine: 1 L Kod omejitve za predore: (E) Za dodatne informacije glejte spodaj.
IMDG	UN2014	HYDROGEN PEROXIDE, AQUEOUS SOLUTION with not less than 20% but not more than 60% hydrogen peroxide (stabilized as necessary)	Razred: 5.1 Nalepke nevarnosti: 5.1+8 Razvrstitveni kod: OC1  	II	Ne	Omejene količine: 1 L EmS: F-H S- Q Za dodatne informacije

	14.1 ZN	14.2 Pravilno odpremno ime ZN	14.3 Razredi nevarnosti prevoza	14.4 PG*	14.5 Env**	Druge informacij e:
						glejte spodaj.
IATA	UN2014	HYDROGEN PEROXIDE, AQUEOUS SOLUTION with not less than 20% but not more than 60% hydrogen peroxide (stabilized as necessary)	Razred: 5.1 Nalepke nevarnosti: 5.1+8 Razvrstitveni kod: OC1  	II	Ne	Za dodatne informacije glejte spodaj.

* Skupina embalaže

** Nevarnosti za okolje

Dodatne informacije

Ta izdelek je zajet v konvencijah o nevarnem blagu.

ADR / Glejte preglednico A, oddelek 3.2.1 za vse informacije o posebnih določbah, zahtevah ali opozorilih v zvezi s transportom. Glejte odelček 5.4.3 za pisna navodila glede omejitve škode v zvezi z incidenti ali nesrečami med transportom.

IMDG / Glejte oddelek 3.2.1 za vse informacije o posebnih določbah, zahtevah ali opozorilih v zvezi s transportom.

IATA / Glejte preglednico 4.2 za vse informacije o posebnih določbah, zahtevah ali opozorilih v zvezi s transportom.

14.6. Posebni previdnostni ukrepi za uporabnika

Se ne uporablja.

14.7. Pomorski prevoz v razsutem stanju v skladu z instrumenti IMO

Podatki niso na voljo.

ODDELEK 15: ZAKONSKO PREDPISANI PODATKI

15.1. Predpisi/zakonodaja o zdravju, varnosti in okolju, specifični za snov ali zmes

Omejitve za uporabo:

Samo za poklicne uporabnike.

Zahteve za posebno izobraževanje:

Ni posebnih zahtev.

SEVESO - Kategorije nevarnih snovi / Imenovane nevarne snovi:

Se ne uporablja.

Uredba o predhodnih sestavin za eksplozive:

vodikov peroksid v raztopini 35% (Priloga I)

Označevanje vsebine v skladu z Uredbo o detergentih 648/2004:

≥ 30%

· Belila na osnovi kisika

Dodatne informacije:

Se ne uporablja.

Viri:

Zakon o delovnih razmerjih (ZDR-1).

Uredba (ES) št. 648/2004 Evropskega parlamenta in Sveta z dne 31. marca 2004 o detergentih.

Uredba (EU) št. 1357/2014 z dne 18. decembra 2014 o odpadkih.

Uredba (EU) 2019/1148 o predhodnih sestavin za eksplozive.

Uredba (ES) št. 1272/2008 Evropskega parlamenta in Sveta z dne 16. decembra 2008 o razvrščanju, označevanju in pakiranju snovi ter zmesi (CLP).

Uredba (ES) št. 1907/2006 Evropskega Parlamenta in Sveta z dne 18. decembra 2006 o registraciji, evalvaciji, avtorizaciji in omejevanju kemikalij (REACH).

15.2. Ocena kemijske varnosti

Ne

ODDELEK 16: DRUGI PODATKI

Celotno besedilo o H-stavkih, kot je omenjeno v oddelek 3

H271, Lahko povzroči požar ali eksplozijo; močna oksidativna snov.

H302, Zdravju škodljivo pri zaužitju.

H314, Povzroča hude opekline kože in poškodbe oči.

H315, Povzroča draženje kože.

H318, Povzroča hude poškodbe oči.

H319, Povzroča hudo draženje oči.

H332, Zdravju škodljivo pri vdihavanju.

H336, Lahko povzroči zaspanost ali omotico.

Okrajšave in akronimi

ADN = Evropski sporazum o mednarodnem prevozu nevarnih snovi po celinskih vodah/po Renu

ADR = Evropski sporazum o mednarodnem cestnem prevozu nevarnega blaga

ATE = ocena akutne strupenosti

BCF = biokoncentracijski faktor

CAS = Služba za izmenjavo kemijskih izvlečkov

CE = Evropska skladnost

CLP = Uredba (ES) št. 1272/2008 o razvrščanju, označevanju in pakiranju snovi ter zmesi

CSA = Ocena kemijske varnosti

CSR = Poročilo o kemijski varnosti

DNEL = Izpeljana raven brez učinka

EINECS = Evropski seznam kemičnih snovi, ki so na trgu

ES = Scenarij izpostavljenosti

EUH = CLP - specifičen stavek nevarnosti

EuPCS = Evropski sistem kategorizacije proizvodov

EWC = Evropski katalog odpadkov

GHS = Globalno usklajen sistem Združenih narodov za razvrščanje in označevanje kemikalij

GWP = Potencial globalnega segrevanje

HOS = Hlapna organska snov

IATA = Mednarodno združenje letalskih prevoznikov

IMDG = Mednarodni kodeks o prevozu nevarnega blaga po morju

LogPow = logaritem porazdelitvenega koeficienta oktanol/voda

MARPOL = Mednarodna konvencija o preprečevanju onesnaževanja morja z ladij, 1973, in njen Protokol iz leta 1978

MV = časovna povprečna

OECD = Organizacija za gospodarsko sodelovanje in razvoj

PBT = Obstoje, bioakumulativen in strupen

PNEC = predvidena koncentracija brez učinka

RID = Pravilnik o mednarodnem železniškem prevozu nevarnega blaga

RRN = Registracijska številka REACH

SCL = Posebne mejne koncentracije.

SVHC = snov, ki vzbuja veliko zaskrbljenost

STOT-RE = Specifična strupenost za ciljne organe - ponavljajoča se izpostavljenost

STOT-SE = Specifična strupenost za ciljne organe - enkratna izpostavljenost

UVCB = Pomeni snovi z neznano ali spremenljivo sestavo, kompleksne reakcijske produkte ali biološke materiale.

vPvB = zelo obstojen in zelo bioakumulativen

ZN = Združeni narodi

Dodatne informacije

Razvrstitev zmesi v zvezi z nevarnostmi za zdravje je v skladu z metodami izračuna, določenimi z Uredbo (ES) št. 1272/2008 (CLP).

Varnostnega lista je ovrednotil

Quality & Compliance

Drugo

Sprememba (v razmerju do zadnje bistvene spremembe (prva številka v različici SDS)) je označena z trikotnikom. Podatki v tem varnostnega lista, veljajo samo za ta poseben izdelek (navedeno v oddelek 1) in niso nujno primerni za uporabo z drugimi kemikalijami/izdelki. Priporočljivo je, da se izroči ta varnostnega lista dejanskemu uporabniku izdelka. Podatki v tem varnostnem listu se ne morejo uporabljati kot specifikacija izdelka.
Država-jezik: SI-sl

KARTA BEZPEČNOSTNÝCH ÚDAJOV

iT.34 laundry stainremover pro active oxygen

ODDIEL 1: IDENTIFIKÁCIA LÁTKY/ZMESI A SPOLOČNOSTI/PODNIKU

1.1. Identifikátor produktu

Názov produktu:

iT.34 laundry stainremover pro active oxygen

Jedinečný identifikátor vzorca (UFI):

KWY8-NPOS-J88H-EC1G

1.2. Relevantné identifikované použitia látky alebo zmesi a použitia, ktoré sa neodporúčajú

Relevantné identifikované použitia látky alebo zmesi:

Čistiace a čistiacie prostriedky (vrátane tých na báze rozpúšťadiel)

Len na odborné použitie.

Neodporúčané spôsoby použitia:

Žiadne známe.

1.3. Údaje o dodávateľovi karty bezpečnostných údajov

Spoločnosť a adresa:

Hygeniq B.V.

Lenteweg 15

7532 RV Enschede

Nederland

0534282860

E-mail:

info@hygeniq.com

Revízia:

15. 8. 2025

Verzia KBÚ:

1.0

1.4. Núdzové telefónne číslo

Použite vaše štátne +421 2 5477 4166 alebo miestne tiesňové číslo.

Pozri oddiel 4 "Opatrenia prvej pomoci".

ODDIEL 2: IDENTIFIKÁCIA NEBEZPEČNOSTI

Klasifikovaný podľa nariadenia (ES) č. 1272/2008 (CLP).

2.1. Klasifikácia látky alebo zmesi

Met. Corr. 1; H290, Môže byť korozívna pre kovy.

Acute Tox. 4; H302, Škodlivý po požití.

Skin Irrit. 2; H315, Dráždi kožu.

Eye Dam. 1; H318, Spôsobuje vážne poškodenie očí.

STOT SE 3; H336, Môže spôsobiť ospalosť alebo závraty.

2.2. Prvky označovania

Výstražný/-é piktogram/-y:



Výstražné slová:

Nebezpečenstvo

Výstražné upozornenie/-a:

Môže byť korozívna pre kovy. (H290)

Škodlivý po požití. (H302)

Dráždi kožu. (H315)

Spôsobuje vážne poškodenie očí. (H318)

Môže spôsobiť ospalosť alebo závraty. (H336)

Bezpečnostné upozornenia:

Všeobecné:

Nerelevantné.

Prevenia:

Po manipulácii starostlivo umyte ruky a vystavená koža. (P264)

Noste ochranné okuliare/ochranné rukavice/ochranný odev. (P280)

Odozva:

PO ZASIAHNUTÍ OČÍ: Niekoľko minút ich opatrne vyplachujte vodou. Ak používate kontaktné šošovky a je to možné, odstráňte ich. Pokračujte vo vyplachovaní. (P305+P351+P338)

Absorbujte uniknutý produkt, aby sa zabránilo materiálnym škodám. (P390)

Uchovávanie:

Uchovávať v nádobe s odolnou vnútornou vrstvou. (P406)

Zneškodňovanie:

Zneškodniť obsah/nádobu v súlade s miestnymi predpismi (P501)

Identifikácia látok primárne zodpovedných za hlavné zdravotné riziká:

peroxid vodíka, roztok 35%

Ďalšie označovanie (etiketácia):

UFI: KWY8-NP0S-J88H-EC1G

Označovanie obsahu podľa nariadenia o detergentoch 648/2004 (platí pre obaly detergentov predávaných širokej verejnosti):

≥ 30%

· Bieliace činidlá na báze kyslíka

2.3. Iná nebezpečnosť

Ďalšie upozornenia:

Táto zmes/tento výrobok neobsahuje žiadne látky považované za také, ktoré by spĺňali kritériá na ich klasifikáciu ako PBT a/alebo vPvB.

Tento výrobok neobsahuje žiadne látky považované za endokrinné disruptory v súlade s kritériami stanovenými v delegovanom nariadení Komisie (EÚ) 2017/2100 alebo v nariadení Komisie (EÚ) 2023/707.

ODDIEL 3: ZLOŽENIE/INFORMÁCIE O ZLOŽKÁCH

3.1. Látky

Nerelevantné. Tento výrobok je zmes.

3.2. Zmesi

Výrobok/prísada	Identifikácia	% w/w	Klasifikácia	Názov komponentu
peroxid vodíka, roztok 35%	Č. CAS: 7722-84-1 Č. EC: 231-765-0 REACH: 01-2119485845-22-XXXX Indexové č.: 008-003-00-9	30-50%	Ox. Liq. 1, H271 Acute Tox. 4, H302 Skin Corr. 1A, H314 (SCL: 70,00 %) Skin Corr. 1B, H314 (SCL: 50,00 %) Skin Irrit. 2, H315 (SCL: 35,00 %) Eye Dam. 1, H318 (SCL: 8,00 %) Eye Irrit. 2, H319 (SCL: 5,00 %) Acute Tox. 4, H332 STOT SE 3, H336 (SCL: 35,00 %)	

Pozri plné znenie H-viet v oddiele 16. Limity v pracovnom prostredí sú uvedené v oddiele 8, ak sú k dispozícii.

Ďalšie informácie

-

ODDIEL 4: OPATRENIA PRVEJ POMOCI

4.1. Opis opatrení prvej pomoci

Všeobecné informácie:

V prípade nehody: Vyhľadajte lekára alebo pohotovostnú službu - vezmite si so sebou etiketu alebo tento bezpečnostný list.

Kontaktujte lekára, ak máte pochybnosti o stave postihnutej osoby alebo ak príznaky pretrvávajú. Nikdy nedávajte osobe v bezvedomí vodu ani iné tekutiny.

Vdýchnutie:

Pri dýchacích ťažkostiach alebo podráždení dýchacích ciest: Premiestnite postihnutého na čerstvý vzduch a zostaňte pri ňom.

Styk s pokožkou:

PRI KONTAKTE S POKOŽKOU: Umyte veľkým množstvom voda/vody a mydlom.

Sa zbavte kontaminovaného odevu a obuvi. Miesta pokožky, ktoré sa dostali do styku s materiálom, umyte dôkladne vodou a mydlom. NEPOUŽÍVAJTE rozpúšťadlá ani riedidlá.

Ak sa objaví podráždenie pokožky, vyhľadajte lekársku pomoc/starostlivosť.

Zasiahnutie očí:

Po zasiahnutí očí: Vyplachujte oči veľkým množstvom vody (20 - 30 °C) minimálne po dobu 30 minút a pokračujte, až kým podráždenie neprestane. Vyberte kontaktné šošovky. Uistite sa, že ste si vypláchli aj miesta pod hornými a dolnými viečkami. Okamžite kontaktujte lekára. Okamžite vyhľadajte lekársku pomoc a počas dopravy pokračujte vo vyplachovaní.

Požitie:

PO POŽITÍ: Pri zdravotných problémoch volajte NÁRODNÉ TOXIKOLOGICKÉ INFORMAČNÉ CENTRUM/lekára.

Vypláchnite ústa.

Popáleniny:

Nerelevantné.

4.2. Najdôležitejšie príznaky a účinky, akútne aj oneskorené

Výrobok obsahuje látky, ktoré spôsobujú vážne poškodenie očí. Kontakt s týmito látkami môže spôsobiť nezvratné účinky na oko/vážne poškodenie oka.

4.3. Údaj o akejkoľvek potrebe okamžitej lekárskej starostlivosti a osobitného ošetrovania

Po expozícii alebo podozrení z nej:
Okamžite vyhľadajte lekársku pomoc/starostlivosť.

Informácie pre zdravotníkov

Vezmite so sebou tento karty bezpečnostných údajov alebo etiketu materiálu.

ODDIEL 5: PROTIPOŽIARNE OPATRENIA

5.1. Hasiace prostriedky

Nerelevantné.

5.2. Osobitné ohrozenia vyplývajúce z látky alebo zo zmesi

V dôsledku požiaru vznikne hustý dym. Kontakt s katabolickými produktmi môže viesť k poškodeniu vášho zdravia. Uzavreté nádoby, ktoré sú vystavené požiaru, sa musia ochladiť vodou. Nedovoľte, aby hasiaca voda prenikla do kanalizácie a iných vodných tokov.

5.3. Pokyny pre požiarnikov

Používajte dýchací prístroj a ochranný odev, aby ste zabránili kontaktu.

ODDIEL 6: OPATRENIA PRI NÁHODNOM UVOLNENÍ

6.1. Osobné bezpečnostné opatrenia, ochranné vybavenie a núdzové postupy

Vyhňte sa priamemu kontaktu s rozliatymi látkami.
Zabezpečte primerané vetranie, hlavne v obmedzených priestoroch.
Vyvarujte sa vdychovaniu výparov z odpadového materiálu.
Kontaminované plochy môžu byť klzké.

6.2. Bezpečnostné opatrenia pre životné prostredie

Zabráňte vypúšťaniu do jazier, potokov, kanalizácií, atď.
Zabráňte prístupu nepovolaných osôb k úniku.

6.3. Metódy a materiál na zabránenie šíreniu a vyčistenie

Uniknutý materiál zachyťte a pozbierajte pomocou nehorľavého absorpčného materiálu, napr. piesku, zeminy, vermikulitu alebo kremeliny, a umiestnite do nádoby na likvidáciu v súlade s miestnymi predpismi.
Podľa možností čistenie vykonajte za použitia bežných čistiacich prostriedkov. Nepoužívajte rozpúšťadlá.

6.4. Odkaz na iné oddiely

Pozri oddiel 13 "Opatrenia pri zneškodňovaní" o nakladaní s odpadmi.
Pozri oddiel 8 "Kontroly expozície/osobná ochrana" o ochranných opatreniach.

ODDIEL 7: ZAOBCHÁDZANIE A SKLADOVANIE

7.1. Bezpečnostné opatrenia na bezpečné zaobchádzanie

Vyhňte sa priamemu kontaktu s produktom.
Fajčenie, konzumácia potravín alebo tekutín a skladovanie tabaku, potravín alebo tekutín sú v pracovnej miestnosti zakázané.
Pozri oddiel "Kontroly expozície/osobná ochrana" o informáciách o osobnej ochrane.

7.2. Podmienky bezpečného skladovania vrátane akejkoľvek nekompatibility

Obaly, ktoré boli otvorené, starostlivo utesnite a uchovajte vo zvislej polohe, aby ste zabránili úniku.
Uchovávajú v nádobe s odolnou vnútornou vrstvou.

Kompatibilita obalov:

Uchovávajú iba v pôvodnom balení.

Podmienky skladovania:

Suché, chladné a dostatočne vetrané

Nekompatibilné materiály:

Uchovávať iba v pôvodnom balení.

7.3. Špecifické konečné použitie, resp. použitia

Tento produkt sa môže používať len v prípadoch popísaných v oddiel 1.2.

ODDIEL 8: KONTROLY EXPOZÍCIE/OSOBNÁ OCHRANA

8.1. Kontrolné parametre

peroxid vodíka, roztok 35%

Najvyššie prípustné expozičné limity (priemerný) (mg/m³): 1,4

Najvyššie prípustné expozičné limity (priemerný) (ppm): 1

Najvyššie prípustné expozičné limity (krátkodobý) (mg/m³): 2,8

Najvyššie prípustné expozičné limity (krátkodobý) (ppm): 2

NARIADENIE VLÁDY Slovenskej republiky z 10. mája 2006 o ochrane zamestnancov pred rizikami súvisiacimi s expozíciou chemickým faktorom pri práci. 355/2006 Z.z. (Zmena: 122/2024 Z.z.)

DNEL

peroxid vodíka, roztok 35%

Doba:	Priebeh vystavenia:	DNEL:
Dlhodobý – lokálne účinky – pracovníci	Vdýchnutie	1.4 mg/m ³
Dlhodobý – lokálne účinky – všeobecná populácia	Vdýchnutie	0,21 mg/m ³
Dlhodobý – lokálne účinky – všeobecná populácia	Vdýchnutie	210 µg/m ³
Krátkodobý – lokálne účinky – pracovníci	Vdýchnutie	3 mg/m ³
Krátkodobý – lokálne účinky – všeobecná populácia	Vdýchnutie	1.93 mg/m ³

PNEC

peroxid vodíka, roztok 35%

Priebeh vystavenia:	Trvanie expozície:	PNEC:
Čistiareň splaškov		466 mg/L
Morská voda		0,047 mg/L
Morská voda		12.6 µg/L
Občasné uvoľňovanie (sladká voda)		13.8 µg/L
Pôda		0,023 mg/kg
Pôda		1.9 µg/kg
Sladká voda		0,0126 mg/L
Sladká voda		12.6 µg/L
Sladkovodná usadenina		0,047 mg/kg
Sladkovodná usadenina		47 µg/kg
Usadenina v morskej vode		0,047 mg/L
Usadenina v morskej vode		47 µg/kg

8.2. Kontroly expozície

Zhoda s uvedenými hodnotami expozičných limitov by sa mala pravidelne kontrolovať.

Všeobecné odporúčania:

Fajčenie, konzumácia potravín alebo tekutín a skladovanie tabaku, potravín alebo tekutín sú v pracovnej miestnosti zakázané.

Scenáre vystavenia:

Pre tento produkt neboli implementované žiadne expozičné scenáre.

Expozičné limity:

Pre obchodníkov platia právne predpisy týkajúce sa pracovného prostredia o maximálnych koncentráciách pri vystavení. Pozrite si vyššie uvedené prahové hodnoty pracovnej hygieny.

Vhodné technické opatrenia:

Tvorba pár sa musí udržiavať na minimálnej úrovni a pod aktuálnymi limitnými hodnotami (pozri vyššie). Ak normálne prúdenie vzduchu v pracovnej miestnosti nie je dostatočné, odporúča sa inštalácia lokálneho odsávacieho systému. Zabezpečte, aby boli núdzové fontánky na umývanie očí a sprchy jasne označené. Zabezpečte, aby sa stanice na umývanie očí a bezpečnostné sprchy nachádzali na dosah.

Počas používania výrobku dodržiavajte štandardné bezpečnostné opatrenia. Zabráňte vdýchnutiu pár.

Hygienické opatrenia:

Kontaminovaný odev vyzlečte a pred ďalším použitím vyperte.

Opatrenia na zamedzenie vystavenia životného prostredia:

Žiadne špecifické požiadavky

Individuálne ochranné opatrenia, akými sú napr. osobné ochranné prostriedky

Všeobecne:

Používajte len ochranné vybavenie označené značkou CE.

Dýchacie zariadenia:

Pracovné pomery	Typ	Trieda	Farba	Normy	
Ak existuje riziko tvorby hmly/aerosólov	Celotvárovú masku			EN136	

Ochrana kože:

Odporúčané	Typ/Kategória	Normy	
Mali by ste použiť špeciálny pracovný odev	-	-	

Ochrana rúk:

Pracovné pomery	Materiál	Hrúbka (mm)	Doba prieniku (min.)	Normy	
V prípade dlhej expozície alebo vysokých koncentrácií	Nitrilový kaučuk	0,4	> 480	EN374-2, EN16523-1, EN388	
V prípade dlhej expozície alebo vysokých koncentrácií	Butylkaučuk	0,7	> 480	EN374-2, EN16523-1, EN388, EN421	

Ochrana očí:

Odporúčané	Normy	
Používajte ochranné okuliare s postrannými štítmí.	EN166	

ODDIEL 9: FYZIKÁLNE A CHEMICKÉ VLASTNOSTI

9.1. Informácie o základných fyzikálnych a chemických vlastnostiach

Forma:

Kvapalina

Farba:

Bezfarebná

Zápach / Prahová hodnota zápachu (ppm):

Charakteristický

pH:

2.5

Hustota (g/cm³):

1,1 (20 °C)

Kinematická viskozita:

K dispozícii nie sú žiadne údaje.

Vlastnosti častíc:

Neuplatňuje sa na kvapaliny.

Fázové zmeny

Teplota topenia/tuhnutia (°C):

K dispozícii nie sú žiadne údaje.

Teplota/rozmedzie mäknutia (°C):

Neuplatňuje sa na kvapaliny.

Bod varu (°C):

100

Tlak pary:

K dispozícii nie sú žiadne údaje.

Relatívna hustota pár:

K dispozícii nie sú žiadne údaje.

Teplota rozkladu (°C):

K dispozícii nie sú žiadne údaje.

Údaje o nebezpečenstve požiaru a výbuchu

Bod vzplanutia (°C):

K dispozícii nie sú žiadne údaje.

Horľavosť (°C):

K dispozícii nie sú žiadne údaje.

Teplota samovznietenia (°C):

K dispozícii nie sú žiadne údaje.

Medze výbušnosti (% v/v):

K dispozícii nie sú žiadne údaje.

Rozpustnosť

Rozpustnosť vo vode:

Úplne rozpustný

Rozdeľovací koeficient (n-oktanol/voda) (LogKow):

K dispozícii nie sú žiadne údaje.

Rozpustnosť v tuku (g/L):

K dispozícii nie sú žiadne údaje.

9.2. Iné informácie

D'alšie fyzikálne a chemické parametre:

K dispozícii nie sú žiadne údaje.

Oxidačné vlastnosti:

K dispozícii nie sú žiadne údaje.

ODDIEL 10: STABILITA A REAKTIVITA

10.1. Reaktivita

K dispozícii nie sú žiadne údaje.

10.2. Chemická stabilita

Produkt je stabilný za podmienok uvedených v oddieli "Zaobchádzanie a skladovanie".

10.3. Možnosť nebezpečných reakcií

Žiadne známe.

10.4. Podmienky, ktorým sa treba vyhnúť

Žiadne známe.

10.5. Nekompatibilné materiály

Uchovávať iba v pôvodnom balení.

10.6. Nebezpečné produkty rozkladu

Za normálnych podmienok skladovania a používania by nemali vznikať nebezpečné produkty rozkladu.

ODDIEL 11: TOXIKOLOGICKÉ INFORMÁCIE

11.1. Informácie o triedach nebezpečnosti vymedzených v nariadení (ES) č. 1272/2008

Akútna toxicita

Výrobok/prísada	peroxid vodíka, roztok 35%
Testované živočíchy:	Potkan
Priebeh vystavenia:	Orálne
Skúška:	LD50
Výsledok:	1.193 - 1.270 mg/L

Výrobok/prísada	peroxid vodíka, roztok 35%
Testované živočíchy:	Králik
Priebeh vystavenia:	Dermálne
Skúška:	LD50
Výsledok:	>2.000 (35% oplossing) mg/kg

Škodlivý po požití.

Poleptanie/podráždenie kože

Výrobok/prísada	iT.34 laundry stainremover pro active oxygen
Výsledok:	Pozorované nepriaznivé účinky (Dráždivý)

Výrobok/prísada peroxid vodíka, roztok 35%
Výsledok: Pozorované nepriaznivé účinky (Dráždivý)

Dráždi kožu.

Vážne poškodenie/podráždenie očí

Výrobok/prísada iT.34 laundry stainremover pro active oxygen
Výsledok: Pozorované nepriaznivé účinky (Spôsobuje vážne poškodenie očí)

Výrobok/prísada peroxid vodíka, roztok 35%
Výsledok: Pozorované nepriaznivé účinky (Spôsobuje vážne poškodenie očí)

Spôsobuje vážne poškodenie očí.

Respiračná senzibilizácia

Výrobok/prísada peroxid vodíka, roztok 35%
Výsledok: Nepozorované žiadne nepriaznivé účinky (nesenzibilizujúci)

Na základe dostupných údajov nie sú kritériá klasifikácie splnené.

Kožná senzibilizácia

Na základe dostupných údajov nie sú kritériá klasifikácie splnené.

Mutagenita zárodočných buniek

Na základe dostupných údajov nie sú kritériá klasifikácie splnené.

Karcinogenita

Výrobok/prísada peroxid vodíka, roztok 35%
Záver: Nepozorované žiadne nepriaznivé účinky

Na základe dostupných údajov nie sú kritériá klasifikácie splnené.

Reprodukčná toxicita

Výrobok/prísada peroxid vodíka, roztok 35%
Záver: Nepozorované žiadne nepriaznivé účinky

Na základe dostupných údajov nie sú kritériá klasifikácie splnené.

TSCO (Toxicita pre špecifický cieľový orgán) - jednorazové vystavenie

Môže spôsobiť ospalosť alebo závraty.

TSCO (Toxicita pre špecifický cieľový orgán) - opakované vystavenie

Na základe dostupných údajov nie sú kritériá klasifikácie splnené.

Nebezpečenstvo pri vdýchnutí

Výrobok/prísada peroxid vodíka, roztok 35%
Na základe dostupných údajov nie sú kritériá klasifikácie splnené.

11.2. Informácie o inej nebezpečnosti

Dlhodobé účinky

Výrobok obsahuje látky, ktoré spôsobujú vážne poškodenie očí. Kontakt s týmito látkami môže spôsobiť nezvratné účinky na oko/vážne poškodenie oka.

Vlastnosti endokrinných disruptorov (rozvracačov)

Táto zmes/výrobok neobsahuje žiadne látky, ktoré sa považujú za látky narúšajúce hormonálny systém vo vzťahu k zdraviu.

Iné informácie

peroxid vodíka, roztok 35%: Látka bola klasifikovaná podľa IARC ako skupina 3.

ODDIEL 12: EKOLOGICKÉ INFORMÁCIE

12.1. Toxicita

Výrobok/prísada	peroxid vodíka, roztok 35%
Testované živočíchy:	Ryby, Pimephales promelas
Doba:	96 hodín
Skúška:	LC50
Výsledok:	16,4 mg/L
Výrobok/prísada	peroxid vodíka, roztok 35%
Testované živočíchy:	Ryby, Leuciscus idus
Doba:	72 hodín
Skúška:	LC50
Výsledok:	35 mg/L
Výrobok/prísada	peroxid vodíka, roztok 35%
Testované živočíchy:	Ryby, Oncorhynchus mykiss
Doba:	7 dní
Skúška:	LC50
Výsledok:	38,5 mg/L
Výrobok/prísada	peroxid vodíka, roztok 35%
Testované živočíchy:	Daphnia pulex
Doba:	48 hodín
Skúška:	EC50
Výsledok:	2,4 mg/L
Výrobok/prísada	peroxid vodíka, roztok 35%
Testované živočíchy:	Daphnia magna
Doba:	24 hodín
Skúška:	EC50
Výsledok:	7,7 mg/L
Výrobok/prísada	peroxid vodíka, roztok 35%
Testované živočíchy:	Skeletonema costatum
Doba:	72 hodín
Skúška:	EC50
Výsledok:	1,38 mg/L
Výrobok/prísada	peroxid vodíka, roztok 35%
Testovacia metóda:	OECD 209
Testované živočíchy:	Baktérie
Zložka životného prostredia :	Zariadenie na úpravu aktivovaných kalov
Doba:	30 minutes
Skúška:	EC50
Výsledok:	466 mg/L
Výrobok/prísada	peroxid vodíka, roztok 35%
Testovacia metóda:	OECD 209
Testované živočíchy:	Baktérie
Zložka životného prostredia :	Zariadenie na úpravu aktivovaných kalov
Doba:	3 hodín
Skúška:	EC50
Výsledok:	> 1.000 mg/L

Na základe dostupných údajov nie sú kritériá klasifikácie splnené.

12.2. Perzistencia a degradovateľnosť

Výrobok/prísada peroxid vodíka, roztok 35%
Záver: Lhká biodegradovateľnosť

12.3. Bioakumulačný potenciál

Výrobok/prísada peroxid vodíka, roztok 35%
LogKow: -1,57
Záver: -

12.4. Mobilita v pôde

K dispozícii nie sú žiadne údaje.

12.5. Výsledky posúdenia PBT a vPvB

Táto zmes/tento výrobok neobsahuje žiadne látky považované za také, ktoré by spĺňali kritériá na ich klasifikáciu ako PBT a/alebo vPvB.

12.6. Vlastnosti endokrinných disruptorov (rozvracačov)

Výrobok/prísada iT.34 laundry stainremover pro active oxygen
Záver: Nepozorované žiadne nepriaznivé účinky

Táto zmes/výrobok neobsahuje žiadne látky, ktoré sa považujú za látky narušajúce endokrinný systém vo vzťahu k životnému prostrediu.

12.7. Iné nepriaznivé účinky

Žiadne známe.

ODDIEL 13: OPATRENIA PRI ZNEŠKODŇOVANÍ

13.1. Metódy spracovania odpadu

Na tento produkt sa vzťahujú predpisy o nebezpečných odpadoch. (*)

HP 6 - Akútna toxicita

HP 8 - Leptavý

Zneškodnite obsah/nádobu schválené zariadenie na likvidáciu odpadu.

Nariadenie Komisie (EÚ) č. 1357/2014 z 18. decembra 2014 o odpade.

Kód EWC:

20 01 29* Detergenty obsahujúce nebezpečné látky

Balenie kontaminovaného materiálu

Balenie, ktoré obsahuje zvyšky produktu, sa musí zlikvidovať rovnakým spôsobom ako produkt.

ODDIEL 14: INFORMÁCIE O DOPRAVE

	14.1 OSN	14.2 Správne expedičné označenie OSN	14.3 Trieda, resp. triedy nebezpečnosti pre dopravu	14.4 PG*	14.5. Env**	Ďalšie informácie :
ADR	UN2014	PEROXID VODÍKA, VODNÝ ROZTOK najmenej s 20 %, ale najviac 60 % peroxidu vodíka (ak je to požadované, stabilizovaný)	Trieda: 5.1 Bezpečnostné značky: 5.1+8 Klasifikačný kód: OC1  	II	Nie	Obmedzen é množstvá: 1 L Dopravná kategória: (E) Ďalšie informácie

	14.1 OSN	14.2 Správne expedičné označenie OSN	14.3 Trieda, resp. triedy nebezpečnosti pre dopravu	14.4 PG*	14.5. Env**	Ďalšie informácie :
						nájdete nižšie.
IMDG	UN2014	HYDROGEN PEROXIDE, AQUEOUS SOLUTION with not less than 20% but not more than 60% hydrogen peroxide (stabilized as necessary)	Trieda: 5.1 Bezpečnostné značky: 5.1+8 Klasifikačný kód: OC1  	II	Nie	Obmedzené množstvá: 1 L EmS: F-H S-Q Ďalšie informácie nájdete nižšie.
IATA	UN2014	HYDROGEN PEROXIDE, AQUEOUS SOLUTION with not less than 20% but not more than 60% hydrogen peroxide (stabilized as necessary)	Trieda: 5.1 Bezpečnostné značky: 5.1+8 Klasifikačný kód: OC1  	II	Nie	Ďalšie informácie nájdete nižšie.

* Obalová skupina

** Nebezpečnosť pre životné prostredie

Ďalšie informácie

Na tento produkt sa vzťahujú dohovy o nebezpečnom tovare.

ADR / Všetky informácie o osobitných ustanoveniach, požiadavkách alebo upozorneniach v súvislosti s dopravou nájdete v tabuľke A, oddiel 3.2.1. Písomné pokyny týkajúce sa zmiernenia škôd v súvislosti s incidentmi alebo nehodami počas dopravy nájdete v oddiele 5.4.3.

IMDG / Všetky informácie o osobitných ustanoveniach, požiadavkách alebo upozorneniach v súvislosti s dopravou nájdete v oddiel 3.2.1.

IATA / Všetky informácie o osobitných ustanoveniach, požiadavkách alebo upozorneniach v súvislosti s dopravou nájdete v tabuľke 4.2

14.6. Osobitné bezpečnostné opatrenia pre užívateľa

Nerelevantné.

14.7. Národná preprava hromadného nákladu podľa nástrojov IMO

K dispozícii nie sú žiadne údaje.

ODDIEL 15: REGULAČNÉ INFORMÁCIE

15.1. Nariadenia/právne predpisy špecifické pre látku alebo zmes v oblasti bezpečnosti, zdravia a životného prostredia

Obmedzenia použitia:

Len na odborné použitie.

Požiadavky na špecifické vzdelávanie:

Žiadne špecifické požiadavky

SEVESO - Kategórie nebezpečných látok / Menované nebezpečné látky:

Nerelevantné.

Nariadenie o prekursorov výbušnín:

peroxid vodíka, roztok 35% (Príloha I)

Označovanie obsahu podľa nariadenia o detergentoch 648/2004:

≥ 30%

· Bieliace činidlá na báze kyslíka

Ďalšie informácie:

Nerelevantné.

Zdroje:

Nariadenie vlády č. 286/2004 Z. z. Nariadenie vlády Slovenskej republiky, ktorým sa ustanovuje zoznam prác a pracovísk, ktoré sú zakázané mladistvým zamestnancom, a ktorým sa ustanovujú niektoré povinnosti zamestnávateľom pri zamestnávaní mladistvých zamestnancov.

Nariadenie Európskeho parlamentu a Rady (ES) č. 648/2004 z 31. marca 2004 o detergentoch.

Nariadenie Komisie (EÚ) č. 1357/2014 z 18. decembra 2014 o odpade.

Nariadenie (EÚ) 2019/1148 o prekursorov výbušnín.

Nariadenie Európskeho parlamentu a Rady (ES) č. 1272/2008 z 16. decembra 2008 o klasifikácii, označovaní a balení látok a zmesí (CLP).

Nariadenie Európskeho parlamentu a Rady (ES) č. 1907/2006 z 18. decembra 2006 o registrácii, hodnotení, autorizácii a obmedzovaní chemických látok (REACH).

15.2. Hodnotenie chemickej bezpečnosti

Nie

ODDIEL 16: INÉ INFORMÁCIE

Plné znenia H-viet, ako sú uvedené v oddieli 3

H271, Môže spôsobiť požiar alebo výbuch; silné oxidačné činidlo.

H302, Škodlivý po požití.

H314, Spôsobuje vážne poleptanie kože a poškodenie očí.

H315, Dráždi kožu.

H318, Spôsobuje vážne poškodenie očí.

H319, Spôsobuje vážne podráždenie očí.

H332, Škodlivý pri vdýchnutí.

H336, Môže spôsobiť ospalosť alebo závraty.

Skratky a akronymy

ADN = Európske opatrenia o medzinárodnej vnútrozemskej vodnej preprave nebezpečných vecí

ADR = Európska dohoda o medzinárodnej cestnej preprave nebezpečných vecí

ATE = Odhad akútnej toxicity

BCF = Biokoncentračný faktor

CAS = Služba chemických konspektov

CE = Európska zhoda

CLP = klasifikácia, označenie a balenie nariadenie (ES) 1272/2008

CSA = Hodnotenie chemickej bezpečnosti

CSR = Správa o chemickej bezpečnosti

DNEL = Odvodená hladina, pri ktorej nedochádza k žiadnemu účinku

EINECS = Európsky zoznam existujúcich komerčných chemických látok ES = Scenáre expozície

EUH vyhlásenie = CLP-špecifické vyhlásenie o nebezpečenstve

EuPCS = Európsky systém kategorizácie výrobkov

EWG = Európsky katalóg odpadov

GHS = Globálny harmonizovaný systém klasifikácie a označovania

GWP = Potenciál globálneho otepľovania

IATA = Medzinárodná asociácia leteckej prepravy

IBC = Stredne veľká nádoba na voľne ložené látky

IMDG = Medzinárodný námorný zákon o nebezpečných veciach

LogPow = logaritmus koeficientu pomeru oktanol / voda

MARPOL = Medzinárodný dohovor na prevenciu znečistenia z lodí, 1973, modifikovaný protokolom z roku 1978.

("Marpol" = námorné znečistenie)

OECD = Organizácia pre hospodársku spoluprácu a rozvoj

PBT = Perzistentný, bioakumulovateľný a toxický

PNEC = Predpokladaná koncentrácia, pri ktorej nedochádza k žiadnemu účinku

OSN = Organizácia Spojených Národov

RID = Poriadok pre medzinárodnú železničnú prepravu nebezpečného tovaru

RRN = Registračné číslo REACH

SCL = špecifický koncentračný limit.

SVHC = Látky vzbudzujúce veľmi veľké obavy

STOT - RE = Toxicita pre špecifický cieľový orgán - opakovaná expozícia

STOT-SE = Toxicita pre špecifický cieľový orgán - jednorázová expozícia

TWA = časom vážená priemerná

UVCB = Znamenajú látky neznámeho alebo variabilného zloženia, produkty komplexných reakcií alebo biologické materiály.

VOC = Prchavé organické látky

vPvB = Veľmi perzistentný a veľmi akumulovateľný

Ďalšie informácie

Klasifikácia zmesi z pohľadu ohrozenia zdravia je v súlade so spôsobmi výpočtu stanovenými nariadením (ES) č. 1272/2008 (CLP).

Táto karta bezpečnostných údajov bola potvrdená

Quality & Compliance

Iné

Zmena (v pomere k poslednej zásadnej zmene (prvá šifra vo verzii karty bezpečnostných údajov)) je označená trojuholníkom.

Informácie uvedené v tomto karte bezpečnostných údajov platia iba pre tento konkrétny produkt (uvedené v oddiel 1), a nemusia byť preto správne pri použití tohto produktu s inými chemickými látkami/produktmi.

Odporúča sa odovzdať tento karte bezpečnostných údajov skutočnému užívateľovi produktu. Informácie v tomto bezpečnostnom liste sa nemôžu použiť ako špecifikácia produktu.

Krajina-jazyk: SK-sk

MALZEME GÜVENLİK BİLGİ FORMU

iT.34 laundry stainremover pro active oxygen

BÖLÜM 1: MADDE/KARISIM VE ŞİRKET/YÜKLENİCİNİN TANIMLANMASI

1.1. Madde /Karışımın kimliği

Ticari adı:

iT.34 laundry stainremover pro active oxygen

1.2. Madde veya karışımın belirlenmiş kullanımları ve tavsiye edilmeyen kullanımları

Madde veya karışımın ilgili belirlenmiş kullanımları:

Deterjanlar ve temizlik maddeleri (solvent bazlı olanlar dahil)

Sadece profesyonel kullanıcılar içindir.

Kullanılması önerilmez:

Hiçbiri bilinmiyor.

1.3. Güvenlik bilgi formu tedarikçisinin bilgileri

Şirket ve adres:

Hygeniq B.V.

Postbus 618

7500 AP Enschede

The Netherlands

+31 53 4282860

+31 53 5393865

www.hygeniq.com

E-posta:

info@hygeniq.com

SDS tarihi:

15.08.2025

SDS Versiyonu:

1.0

1.4. Acil durum telefon numarası

114

Ulusal veya yerel acil durum numarasını kullanın

Bkz bölüm 4 "İlk yardım önlemleri".

BÖLÜM 2: TEHLİKE TANIMLARI

1272/2008 (CLP) Sayılı Yönetmeliğe (AT) göre sınıflandırılmıştır.

2.1. Madde ve karışımın sınıflandırılması

Met. Corr. 1; H290, Metalleri aşındırabilir.

Acute Tox. 4; H302, Yutulması halinde zararlıdır.

Skin Irrit. 2; H315, Cilt tahrişine yol açar.

Eye Dam. 1; H318, Ciddi göz hasarına yol açar.

STOT SE 3; H336, Rehavete veya baş dönmesine yol açabilir.

2.2. Etiket Unsurları

Tehlike belirten resimli yazı(lar):



uyarı ifadesi:

Tehlike

Tehlike beyan(lar)ı:

Metalleri aşındırabilir. (H290)
Yutulması halinde zararlıdır. (H302)
Cilt tahrişine yol açar. (H315)
Ciddi göz hasarına yol açar. (H318)
Rehavete veya baş dönmesine yol açabilir. (H336)

Güvenlik beyan(lar)ı:

Genel:

Uygulanamaz.

Önleyici:

Elleçlemeden sonra eller ve maruz kalan cilt ile iyice yıkayın. (P264)
göz koruma/koruyucu eldivenler/koruyucu giysiler kullanın. (P280)

Yanıt:

GÖZE TEMAS EDERSE: Birkaç dakika boyunca gözü dikkatli bir şekilde su ile yıkayın. Varsa ve çıkarması kolaysa kontakt lensleri çıkarın. Yıkamaya devam edin. (P305+P351+P338)
Maddi hasarı önlemek için sıvı döküntüleri temizleyin. (P390)

Depolama:

dayanıklı bir iç astarı olan konteynerde muhafaza edin. (P406)

Atık:

İçeriği/kabı uyarınca yerel yönetmelikler bertaraf edin (P501)

Büyük sağlık tehditlerinden birincil olarak sorumlu maddelerin kimliği:

hydrogen peroxide

Ek Etiketleme:

Uygulanamaz.

DETERJANLAR HAKKINDA YÖNETMELİK göre içeriğin etiketlenmesi (genel halka satılan deterjanların ambalajlanması için geçerlidir):

≥ 30%

· Oksijen bazlı beyazlatıcı maddeler

2.3. Diğer zararlar

Ek uyarılar:

Bu karışım/ürün, PBT ve/veya vPvB sınıfı kapsamında değerlendirilen herhangi bir ürün içermez.
Bu ürün, Komisyon Delegasyonu Yönetmeliği (AB) 2017/2100 veya Komisyon Yönetmeliği (AB) 2023/707'te belirtilen kriterlere uygun olarak endokrin bozucu olarak kabul edilen herhangi bir madde içermez.

BÖLÜM 3: BİLESİMİ/İÇİNDEKİLER HAKKINDA BİLGİ

3.1. Maddeler

Uygulanamaz. Bu ürün bir karışımdır.

3.2. Karışımlar

Ürün/içerik	Tanımlayıcılar	% w/w	Sınıflandırma	Notlar
hydrogen peroxide	CAS No.: 7722-84-1 EC No.: 231-765-0 REACH: 01-2119485845-22-XXXX Liste No.: 008-003-00-9	30-50%	Ox. Liq. 1, H271 Acute Tox. 4, H302 Skin Corr. 1A, H314 (SCL: 70,00 %) Skin Corr. 1B, H314 (SCL: 50,00 %) Skin Irrit. 2, H315 (SCL: 35,00 %) Eye Dam. 1, H318 (SCL: 8,00 %) Eye Irrit. 2, H319 (SCL: 5,00 %) Acute Tox. 4, H332 STOT SE 3, H336 (SCL: 35,00 %)	

Bölüm 16'daki H terimlerinin tam metnine bakın. Mevcut ise mesleki sınırlar bölüm 8'de listelenmiştir.

Diger bilgiler

-

BÖLÜM 4: İLK YARDIM ÖNLEMLERİ

4.1. İlk yardım önlemlerinin açıklaması

Genel bilgiler:

Kaza durumunda: Doktor veya acil servise başvurun, etiketi veya bu güvenlik veri sayfasını yanınıza alın.
Yaralanan kişinin durumundan emin değilseniz veya belirtiler devam ediyorsa doktora başvurun. Bilinç kaybına uğramış bir kişiye su veya benzeri şeyler vermeyin.

Solunum:

Solunum güçlüğü veya solunum yollarının tahrişi üzerine: Kişiyi temiz havaya çıkarın ve yalnız bırakmayın.

Cilt ile temas:

DERİ İLE TEMAS HALİNDE İSE: Bol su/su ve sabun ile yıkayın.
Kirlenen giysileri ve ayakkabıları çıkarın. Malzeme ile temas eden cilt su ve sabun ile iyice yıkanmalıdır. Çözücü veya inceltici KULLANILMAMALIDIR.
Ciltte tahriş söz konusu ise: Tıbbi yardım/müdahale alın.

Göz ile temas:

Gözle teması halinde: Gözlerinizi en az 30 dakika boyunca suyla (20-30 °C) yıkayın ve tahriş geçene kadar devam edin. Kontakt lenslerinizi çıkarın. Göz kapaklarının altlarını yıkadığınızdan emin olun. Derhal doktora başvurun.
Hemen tıbbi yardım alın ve nakliye sırasında yıkamaya devam edin.

Yutma:

YUTULURSA: Kendinizi iyi hissetmiyorsanız ZEHİR MERKEZİ/doktor başvurun.
Ağzınızı çalkalayın.

Yanıklar:

Uygulanamaz.

4.2. Akut ve sonradan görülen önemli belirtiler ve etkiler

Ürün ciddi göz hasarına neden olan maddeler içerir. Bu maddelere temas halinde gözlerde geri dönüşü olmayan etkiler/ciddi göz hasarları oluşabilir.

4.3. Tıbbi müdahale ve özel tedavi gereği için ilk işaretler

Maruz kalınma veya etkileşme halinde:
Hemen tıbbi tavsiye/müdahale alın.

Doktorlar için bilgiler

Bu güvenlik belgesini veya malzemenin etiketini yanınıza alın.

BÖLÜM 5: YANGIN ÖNLEMLERİ

5.1. Yangın söndürücüler

Uygulanamaz.

5.2. Madde veya karışımdan kaynaklanan özel zararlar

Yangın yoğun bir duman oluşturacaktır. Katabolik ürünlere maruz kalmak sağlığınız için zararlı olabilir. Yangına maruz kalan kapalı konteynerler su ile soğutulmalıdır. Yangın söndürme suyunun kanalizasyona veya benzeri su kanallarına akmasını engelleyin.

5.3. Yangın söndürme ekipleri için tavsiyeler

Teması engellemek için müstakil solunum cihazı ve koruyucu giysi kullanın.

BÖLÜM 6: KAZARA SALINIMA KARŞI ÖNLEMLER

6.1. Kişisel önlemler, koruyucu donanım ve acil durum prosedürleri

Dökülen maddelere doğrudan dokunmaktan kaçının.
Özellikle kapalı alanlarda yeterli havalandırma sağlayın.
Atık malzemelerden yayılan buharları solumayın.
Kirli alanlar kaygan olabilir.

6.2. Çevresel önlemler

Göl, akarsu, kanalizasyon vb.'ne akması engellenmelidir.
Yetkisiz kişileri döküntüden uzak tutun

6.3. Muhafaza etme ve temizleme için yöntemler ve materyaller

Dökülen maddeyi, kum, toprak, vermikülit, diyatumlu toprak gibi yanmayan emici maddelerle etrafını çevirip toplayın ve yerel mevzuata uygun olarak atmak üzere bir konteynere yerleştirin.
Temizlik mümkün olduğunca normal temizlik malzemeleri ile yapılmalıdır. Çözücülerden kaçınılmalıdır.

6.4. Diğer bölümlere atıflar

Atıklarla ilgili olarak 13 " Atıkların atılması ile ilgili hususlar" bölümüne göz atın.
Koruyucu önlemler için 8 "Maruz kalma kontrolleri/kişisel koruma" bölümüne bakın.

BÖLÜM 7: TASIMA VE DEPOLAMA

7.1. Güvenli elleçleme için önlemler

Ürün ile doğrudan temastan kaçının.
Çalışma alanları içerisinde sigara içilmesi, yiyecek veya içecek tüketimi, tütün, yiyecek veya içeceklerin depolanmasına izin verilmez.
Kişisel koruma için "Maruz kalma kontrolleri/kişisel koruma" bölümüne bakın.

7.2. Uyumsuzlukları da içeren güvenli depolama için koşullar

Açılan konteynerler dikkatlice yeniden mühürlenmeli ve sızıntıyı engellemek için dik konumda tutulmalıdır. dayanıklı bir iç astarı olan konteynerde muhafaza edin.

Ambalaj uygunlukları:

Sadece orijinal paketi içerisinde tutun.

Depolama koşulları:

Kuru, serin ve iyi havalandırılmış

Kaçınılması gereken maddeler:

Sadece orijinal paketi içerisinde tutun.

7.3. Belirli son kullanımlar

Bu ürün sadece bölüm 1.2'de belirtilen uygulamalar için kullanılmalıdır.

BÖLÜM 8: MARUZ KALMA KONTROLLERİ/KİSİSEL KORUMA

8.1. Kontrol parametreleri

Ürün, çalışma alanı maruz kalma limitli madde olarak Türkiye listesinde bulunan maddeler içermez.

DNEL

hydrogen peroxide

Süresi:	Maruz kalma şekli:	DNEL:
Kısa Vade - Lokal etkiler - Çalışanlar	Solunum yolu	3 mg/m ³
Kısa vade - lokal etkiler - Genel nüfus	Solunum yolu	1.93 mg/m ³
Uzun Vade - Lokal Etkiler - Çalışanlar	Solunum yolu	1.4 mg/m ³
Uzun vade - lokal etkiler - Genel nüfus	Solunum yolu	0,21 mg/m ³
Uzun vade - lokal etkiler - Genel nüfus	Solunum yolu	210 µg/m ³

PNEC

hydrogen peroxide

Maruz kalma şekli:	Maruz Kalma Süresi:	PNEC:
Aralıklı serbest bırakma (temiz su)		13.8 µg/L
Atık su Arıtma Tesisi		466 mg/L
Deniz suyu		0,047 mg/L
Deniz suyu		12.6 µg/L
deniz suyu tortusu		0,047 mg/L
deniz suyu tortusu		47 µg/kg
Temiz su		0,0126 mg/L
Temiz su		12.6 µg/L
Temiz su tortusu		0,047 mg/kg
Temiz su tortusu		47 µg/kg
toprak		0,023 mg/kg
toprak		1.9 µg/kg

8.2. Maruz kalma kontrolleri

Gereksiz maruziyeti önlemek için genel kontrol işlemi gerçekleştirin.

Genel öneriler:

Çalışma alanları içerisinde sigara içilmesi, yiyecek veya içecek tüketimi, tütün, yiyecek veya içeceklerin depolanmasına izin verilmez.

Maruz kalma senaryoları:

Bu ürün için uygulanan hiçbir maruz kalma senaryosu bulunmamaktadır.

Maruz kalma sınırları:

Bu ürün içerisinde bulunan maddeler için maksimum maruz kalma limiti yoktur.

İlgili teknik önlemler:

Göz banyosu istasyonlarının ve göz duşlarının kolayca ulaşılabilir bir yerde olduğundan emin olun.

Ürünün kullanımı sırasında standart tedbirleri uygulayın. Buharı solumaktan kaçının.

Hijyen önlemleri:

Kontamine olmuş giysilerinizi çıkarın ve yeniden kullanmadan önce yıkayın.

Çevresel maruz kalmayı engellemek üzere önlemler:
Belirli gereksinimler yoktur.

Kisisel koruma ekipmanlari gibi bireysel koruma önlemleri

Genel:

Sadece CE işaretli koruyucu ekipmanları kullanınız.

Soluma ekipmanı:

Çalışma durumu	Tipi	Sınıf	Renk	Standartlarına	
Sis/aerosol oluşumu tehlikesi bulunduğu	Tam maske			EN136	

Cildin korunması:

Önerilen	Tip/Kategori	Standartlarına	
Özel iş giysileri kullanılmalıdır	-	-	

Ellerin korunması:

Çalışma durumu	Malzeme	Minimum tabaka kalınlığı (mm)	Delinme süresi (dakika)	Standartlarına	
Uzun süreli maruz kalma veya yüksek konsantrasyonlar durumunda	Nitril lastik	0,4	> 480	EN374-2, EN16523-1, EN388	
Uzun süreli maruz kalma veya yüksek konsantrasyonlar durumunda	Bütill lastik	0,7	> 480	EN374-2, EN16523-1, EN388, EN421	

Gözlerin korunması:

Tipi	Standartlarına	
Yan siperleri olan koruyucu gözlük takın.	EN166	

BÖLÜM 9: FİZİKSEL VE KİMYASAL ÖZELLİKLER

9.1. Temel fiziksel ve kimyasal özellikler hakkında bilgi

Sekil:

Sıvı

Renk:

Renksiz

Koku / Koku eşiği (ppm):

Karakteristik

pH:

2.5

Yogunluk (g/cm³):
1,1 (20 °C)

Kinematik viskozite:
Veri bulunmamaktadır.

Partikül özellikleri:
Sıvılar uygulanmaz

Hal değişiklikleri

Erime noktası/Donma noktası (°C):
Veri bulunmamaktadır.

Yumuşama noktası/aralığı (°C):
Sıvılar uygulanmaz

Kaynama noktası (°C):
100

Buhar basıncı:
Veri bulunmamaktadır.

Bağıl buhar yoğunluğu:
Veri bulunmamaktadır.

Bozunma sıcaklığı (°C):
Veri bulunmamaktadır.

Yangın ve patlama tehlikeleri ile ilgili veriler

Parlama noktası (°C):
Veri bulunmamaktadır.

Alevlenirlik (°C):
Veri bulunmamaktadır.

Kendi kendine yanma noktası (°C):
Veri bulunmamaktadır.

Patlama sınırları (% v/v):
Veri bulunmamaktadır.

Çözünürlülük

Suda çözünürlülük:
Tamamen çözünür

n-oktanol/su katsayısı (LogKow):
Veri bulunmamaktadır.

Yağda çözünürlülük (g/L):
Veri bulunmamaktadır.

9.2. Diğer bilgiler

Diğer fiziksel ve kimyasal parametreler:
Veri bulunmamaktadır.

Oksitleyici özellikler:
Veri bulunmamaktadır.

BÖLÜM 10: KARARLILIK VE REAKTİFLİK

10.1. Tepkime

Veri bulunmamaktadır.

10.2. Kimyasal kararlılık

Ürün 7, "Taşıma ve depolama" bölümünde belirtilen koşullar altında durağandır.

10.3. Zararlı tepkime olasılığı

Hiçbiri bilinmiyor.

10.4. Kaçınılması gereken durumlar

Hiçbiri bilinmiyor.

10.5. Kaçınılması gereken maddeler

Sadece orijinal paketi içerisinde tutun.

10.6. Zararlı bozunma ürünleri

Normal depolama ve kullanım koşulları altında tehlikeli bozunma ürünleri üretilmemelidir.

BÖLÜM 11: TOKSİKOLOJİK BİLGİLER

11.1. Toksik etkiler hakkında bilgi

Akut toksik

Ürün/içerik	hydrogen peroxide
Tür:	Sıçan
Maruz kalma şekli:	Ağız yolu
Test:	LD50
Sonuç:	1.193 - 1.270 mg/L

Ürün/içerik	hydrogen peroxide
Tür:	Tavşan
Maruz kalma şekli:	Cilt yolu
Test:	LD50
Sonuç:	>2.000 (35% oplossing) mg/kg

Yutulması halinde zararlıdır.

Cilt asınması/tahris

Ürün/içerik	iT.34 laundry stainremover pro active oxygen
Sonuç:	Yan etki gözlemlenmiştir (Tahriş edici)

Ürün/içerik	hydrogen peroxide
Sonuç:	Yan etki gözlemlenmiştir (Tahriş edici)

Cilt tahrişine yol açar.

Ciddi göz hasarları/tahriş

Ürün/içerik	iT.34 laundry stainremover pro active oxygen
Sonuç:	Yan etki gözlemlenmiştir (Ciddi göz hasarına yol açar)

Ürün/içerik	hydrogen peroxide
Sonuç:	Yan etki gözlemlenmiştir (Ciddi göz hasarına yol açar)

Ciddi göz hasarına yol açar.

Solunum yolları hassaslaşması

Ürün/içerik	hydrogen peroxide
Sonuç:	Hiçbir yan etki gözlenmemiştir (hassaslaştırıcı değil)

Mevcut veriler sınıflandırma kriterlerini karşılamıyor.

Cilt hassaslaşması

Mevcut veriler sınıflandırma kriterlerini karşılamıyor.

Hastalıklı hücre mutajenitesi

Mevcut veriler sınıflandırma kriterlerini karşılamıyor.

Kanserojenlik

Ürün/içerik hydrogen peroxide
Sonuç: Hiçbir yan etki gözlenmemiştir

Mevcut veriler sınıflandırma kriterlerini karşılamıyor.

Üreme toksisitesi

Ürün/içerik hydrogen peroxide
Sonuç: Hiçbir yan etki gözlenmemiştir

Mevcut veriler sınıflandırma kriterlerini karşılamıyor.

STOT- tekil maruz kalma

Rehavete veya baş dönmesine yol açabilir.

STOT - tekrarlı maruz kalma

Mevcut veriler sınıflandırma kriterlerini karşılamıyor.

Aspirasyon tehlikesi

Ürün/içerik hydrogen peroxide
Mevcut veriler sınıflandırma kriterlerini karşılamıyor.

11.2. Diğer tehlikelere ilişkin bilgiler

Uzun vadeli etkiler

Ürün ciddi göz hasarına neden olan maddeler içerir. Bu maddelere temas halinde gözlerde geri dönüşü olmayan etkiler/ciddi göz hasarları oluşabilir.

Endokrin bozucu özellikler

Bu karışım/ürün, sağlıklı ilgili hormon bozucu özelliklere sahip olduğu düşünülen herhangi bir madde içermemektedir.

Diğer bilgiler

hydrogen peroxide : Bu madde IARC (Uluslararası Kanser Araştırmaları Ajansı) tarafından grup 3 olarak sınıflandırılmıştır.

BÖLÜM 12: EKOLOJİK BİLGİLER

12.1. Toksisite

Ürün/içerik hydrogen peroxide
Tür: Balık, Pimephales promelas
Süresi: 96 saat
Test: LC50
Sonuç: 16,4 mg/L

Ürün/içerik hydrogen peroxide
Tür: Balık, Leuciscus idus
Süresi: 72 saat
Test: LC50
Sonuç: 35 mg/L

Ürün/içerik hydrogen peroxide
Tür: Balık, Oncorhynchus mykiss
Süresi: 7 günler
Test: LC50
Sonuç: 38,5 mg/L

Ürün/içerik hydrogen peroxide
Tür: Daphnia pulex

Süresi: 48 saat
Test: EC50
Sonuç: 2,4 mg/L

Ürün/içerik: hydrogen peroxide
Tür: Daphnia magna
Süresi: 24 saat
Test: EC50
Sonuç: 7,7 mg/L

Ürün/içerik: hydrogen peroxide
Tür: Skeletonema costatum
Süresi: 72 saat
Test: EC50
Sonuç: 1,38 mg/L

Ürün/içerik: hydrogen peroxide
Test metodu: OECD 209
Tür: Bakteriler
Ortamıdır: Etkinleştirilen Çamur Tesisi
Süresi: 30 minutes
Test: EC50
Sonuç: 466 mg/L

Ürün/içerik: hydrogen peroxide
Test metodu: OECD 209
Tür: Bakteriler
Ortamıdır: Etkinleştirilen Çamur Tesisi
Süresi: 3 saat
Test: EC50
Sonuç: > 1.000 mg/L

Mevcut veriler sınıflandırma kriterlerini karşılamıyor.

12.2. Kalıcılık ve bozunabilirlik

Ürün/içerik: hydrogen peroxide
Sonuç: Kolay biyobozunabilirlik

12.3. Biyobirikim potansiyeli

Ürün/içerik: hydrogen peroxide
LogKow: -1,57
Sonuç: -

12.4. Toprakta hareketlilik

Veri bulunmamaktadır.

12.5. PBT ve vPvB değerlendirmesinin sonuçları

Bu karışım/ürün, PBT ve/veya vPvB sınıfı kapsamında değerlendirilen herhangi bir ürün içermez.

12.6. Endokrin bozucu özellikler

Ürün/içerik: iT.34 laundry stainremover pro active oxygen
Sonuç: Hiçbir yan etki gözlenmemiştir

Bu karışım/ürün, çevreyle ilgili endokrin bozucu özelliklere sahip olduğu düşünülen herhangi bir madde içermemektedir.

12.7. Diğer olumsuz etkiler

Hiçbiri bilinmiyor.

BÖLÜM 13: ATIKLARIN ATILMASI İLE İLGİLİ HUSUSLAR

13.1. Atık işleme yöntemleri

Bu ürün tehlikeli atık düzenlemeleri kapsamındadır. (*)

HP 6 - Akut toksisite

HP 8 - Aşındırıcı

İçeriği/kabı onaylı bir atık bertaraf tesisine bertaraf edin.

18 Aralık 2014 tarih ve 1357/2014 sayılı Komisyon Yönetmeliği (AB), Avrupa Parlamentosu ve Konseyi'nin atıklarla ilgili 2008/98/EC Yönergesinin Ek III'ünün yerini almıştır.

EWC kodu:

20 01 29*

Tehlikeli maddeler içeren deterjanlar

Bulasmis ambalaj

Ürünün artıklarının bulunduğu ambalaj malzemeleri ürün ile aynı şekilde atılmalıdır.

BÖLÜM 14: TASIMACILIK BİLGİLERİ

	14.1 UN	14.2 İsim ve tanım	14.3 Sınıf	14.4 PG*	14.5. Env**	Diger bilgiler:
ADR	UN2014	HİDROJEN PEROKSİT, SULU ÇÖZELTİ hidrojen peroksit oranı %20'den fazla, ancak %60'tan az (gerektiği gibi kararlaştırılmış)	Sınıf: 5.1 Etiketler: 5.1+8 Sınıflandırma Kodu: OC1  	II	Hayır	Sınırlı miktarlar: 1 L Tünel kısıtlama kodu: (E) Ek bilgi için aşağıya bakın.
IMDG	UN2014	HYDROGEN PEROXIDE, AQUEOUS SOLUTION with not less than 20% but not more than 60% hydrogen peroxide (stabilized as necessary)	Sınıf: 5.1 Etiketler: 5.1+8 Sınıflandırma Kodu: OC1  	II	Hayır	Sınırlı miktarlar: 1 L EmS: F-H S- Q Ek bilgi için aşağıya bakın.
IATA	UN2014	HYDROGEN PEROXIDE, AQUEOUS SOLUTION with not less than 20% but not more than 60% hydrogen peroxide (stabilized as necessary)	Sınıf: 5.1 Etiketler: 5.1+8 Sınıflandırma Kodu: OC1  	II	Hayır	Ek bilgi için aşağıya bakın.

* Paketleme grubu

** Çevresel zararlar

Ek bilgiler

Bu ürün tehlikeli maddeler ile ilgili düzenlemeler tarafından kapsamaktadır.

ADR / Taşıma ile ilgili özel hükümler, gereksinimler veya uyarılar hakkında bilgi için Tablo A, Bölüm 3.2.1'e bakınız.

Taşıma sırasında meydana gelen olaylar veya kazalarla ilgili zararların azaltılmasına ilişkin yazılı talimatlar için bölüm 5.4.3'e bakınız.

IMDG / Taşıma ile ilgili özel hükümler, gereksinimler veya uyarılar hakkında bilgi için Bölüm 3.2.1'e bakınız.

IATA / Taşıma ile ilgili özel hükümler, gereksinimler veya uyarılar hakkında bilgi için 4.2'e bakınız.

14.6. Kullanıcı için özel önlemler

Uygulanamaz.

14.7. MARPOL 73/78 ek II ve IBC koduna göre toplu taşımacılık

Veri bulunmamaktadır.

BÖLÜM 15: MEVZUAT BİLGİLERİ

15.1. Madde veya karışıma özgü güvenlik, sağlık ve çevre mevzuatı

Uygulama ile ilgili sınırlamalar:

Sadece profesyonel kullanıcılar içindir.

Özel eğitim talepleri:

Belirli gereksinimler yoktur.

SEVESO - Tehlikeli maddelerin zararlılık kategorileri / Adlandırılmış tehlikeli maddeler:

Uygulanamaz.

hydrogen peroxide (Ek I)

DETERJANLAR HAKKINDA YÖNETMELİK göre içeriğin etiketlenmesi:

≥ 30%

· Oksijen bazlı beyazlatıcı maddeler

Ek bilgiler:

Uygulanamaz.

Kaynaklar:

İş yerinde gençlerin korunmasına ilişkin 22 Haziran 1994 tarih ve 94/33/EC sayılı Konsey Direktifi.

DETERJANLAR HAKKINDA YÖNETMELİK. Resmî Gazete Sayı : 30314 (Ocak 2018)

18 Aralık 2014 tarih ve 1357/2014 sayılı Komisyon Yönetmeliği (AB), Avrupa Parlamentosu ve Konseyi'nin atıklarla ilgili 2008/98/EC Yönergesinin Ek III'ünün yerini almıştır.

Council Regulation (EC) No 2019/1148 on explosives precursors.

11/12/2013 tarihli ve 28848 MADDELERİN VE KARIŞIMLARIN SINIFLANDIRILMASI, ETİKETLENMESİ VE AMBALAJLANMASI HAKKINDA YÖNETMELİK

23/06/2017 tarihli ve 30105 KİMYASALLARIN KAYDI, DEĞERLENDİRİLMESİ, İZİNİ VE KISITLANMASI HAKKINDA YÖNETMELİK.

15.2. Kimyasal güvenlik değerlendirme

Hayır

BÖLÜM 16: DİĞER BİLGİLER

Bölüm 3'te belirtilen H terimlerinin tam metni

H271, Yangına veya patlamaya yol açabilir; güçlü oksitleyici.

H302, Yutulması halinde zararlıdır.

H314, Ciddi cilt yanıklarına ve göz hasarına yol açar.

H315, Cilt tahrişine yol açar.

H318, Ciddi göz hasarına yol açar.

H319, Ciddi göz tahrişine yol açar.

H332, Solunması halinde zararlıdır.

H336, Rehavete veya baş dönmesine yol açabilir.

Kısaltmalar ve eş anlamlılar

ACGIH = American Conference of Industrial Hygienists

ADN = Tehlikeli yüklerin iç su yollarında uluslararası taşınması hakkındaki Avrupa Koşulları

ADR = Tehlikeli yüklerin uluslararası karayollarında taşınması hakkındaki Avrupa Sözleşmesi

ATE = Öngörülen akut toksisite
BCF = Biyobirikim faktörü
BM = Birleşmiş Milletler
CAS = Kimyasal Kuramlar Servisi
CE = Avrupa Uygunluğu
EuPCS = Avrupa Ürün Kategorizasyon Sistemi
GHS = Kimyasalların Global Harmonize Sınıflandırma ve Etiketleme Sistemi
IATA = Uluslararası Hava Taşımacılığı Birliği
IMDG = Uluslararası Denizcilikte Tehlikeli Yükler
KIP = Küresel ısınma potansiyeli
LogPow = oktanol/su dağılım katsayısının 10 tabanlı logaritması
MARPOL = Gemilerden Kaynaklanan Deniz Kirliliğini Önleme Sözleşmesi, 1973 1978 Protokolüyle değiştirilmiş hali ("Marpol" = deniz kirlenmesi)
OECD = Ekonomik İşbirliği ve Kalkınma Örgütü
PBT = Kalıcı, Biyobirikimli ve Toksik
RID = Tehlikeli Yüklerin Uluslararası Demiryolu ile Taşınması hakkındaki Tüzük
SCL = Spesifik konsantrasyon limiti.
STOT-RE = Özel Organ Hedefli Toksisite - Tekrarlanan Maruziyet
STOT-SE = Özel Organ Hedefli Toksisite - Tek Maruziyet
TWA = Zaman ağırlıklı ortalama
UOB = Uçucu Organik Bileşikler
UVCB = Bilinmeyen veya değişken bileşim, kompleks reaksiyon ürünleri veya biyolojik malzemeler
vPvB = Çok Kalıcı ve Çok Biyobirikimli

Ek bilgiler

Sağlık riski yönünden karışımın sınıflandırılması, 1272/2008 (CLP) numaralı (EC) Düzenlemesi tarafından hesaplama metodları ile uyumludur.

Güvenlik bilgi formunu onaylayan

Quality & Compliance

Diğer

Değişiklik (en son önemli değişiklik ile orantılı olarak (SDS versiyonu ilk anahtarı)) üçgen ile işaretlenmiştir.
Bu güvenlik bilgi formu içerisindeki bilgiler sadece belirlenmiş ürün için uygundur (bölüm 1'de belirtilmiştir) ve diğer kimyasallar/ürünler için kullanılması uygun olmayabilir.
Bu güvenlik bilgi formunun asıl ürün kullanıcısına teslim edilmesi önerilir. Bu güvenlik bilgi formu içerisindeki bilgiler ürün spesifikasyonu olarak kullanılamaz.
Ülke-dil: TR-tr

SAFETY DATA SHEET

iT.34 laundry stainremover pro active oxygen

SECTION 1: IDENTIFICATION

1.1. Product identifier

Trade name:

iT.34 laundry stainremover pro active oxygen

1.2. Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses of the substance or mixture:

Washing and cleaning products (including solvent based products)

Restricted to professional users.

Uses advised against :

None known.

1.3. Details of the supplier of the safety data sheet

Company and address:

Hygeniq B.V.

Postbus 618

7500 AP Enschede

The Netherlands

+31 53 4282860

+31 53 5393865

www.hygeniq.com

E-mail:

info@hygeniq.com

SDS date:

8/15/2025

SDS Version:

1.0

1.4. Emergency telephone number

Contact the poison control at 1-800-222-1222 (24/7) or use the webPOISONCONTROL® (triage.webpoisoncontrol.org) to get specific guidance for your case

See also section 4 "First aid measures".

SECTION 2: HAZARD(S) IDENTIFICATION

OSHA/HCS status

This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200)

2.1. Classification of the substance or mixture

Met. Corr. 1; H290, May be corrosive to metals.

Acute Tox. 4; H302, Harmful if swallowed.

Skin Irrit. 2; H315, Causes skin irritation.

Eye Dam. 1; H318, Causes serious eye damage.
STOT SE 3; H336, May cause drowsiness or dizziness.

2.2. Label elements

Hazard pictogram(s):



Signal word:

Danger

Hazard statement(s):

May be corrosive to metals. (H290)
Harmful if swallowed. (H302)
Causes skin irritation. (H315)
Causes serious eye damage. (H318)
May cause drowsiness or dizziness. (H336)

Precautionary statement(s):

General:

Not applicable.

Prevention:

Avoid breathing mist/vapour. (P261)
Wash hands and exposed skin thoroughly after handling. (P264)
Wear eye protection/protective gloves/protective clothing. (P280)

Response:

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.
Continue rinsing. (P305+P351+P338)
Immediately call a POISON CENTER/doctor. (P310)
Absorb spillage to prevent material damage. (P390)

Storage:

Store in a well-ventilated place. Keep container tightly closed. (P403+P233)
Store in a container with a resistant inner liner. (P406)

Disposal:

Dispose of contents/container in accordance with local regulation.
(P501)

Additional labelling:

Not applicable.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substances

Not applicable. This product is a mixture.

3.2. Mixtures

Product/substance	Identifiers	% w/w	Classification	Note
hydrogen peroxide	CAS No.: 7722-84-1	30-50%	Ox. Liq. 1, H271 Acute Tox. 4, H302 Skin Corr. 1A, H314 (SCL: 70.00 %) Skin Corr. 1B, H314 (SCL: 50.00 %) Skin Irrit. 2, H315 (SCL: 35.00 %)	

			Eye Dam. 1, H318 (SCL: 8.00 %) Eye Irrit. 2, H319 (SCL: 5.00 %) Acute Tox. 4, H332 STOT SE 3, H336 (SCL: 35.00 %)	

Where the concentration of an ingredient is expressed as a range the exact concentration has been withheld as a trade secret.

See full text of H-phrases in section 16. Occupational exposure limits are listed in section 8, if these are available.

Other information

-

SECTION 4: FIRST-AID MEASURES

4.1. Description of first aid measures

General information:

If breathing is irregular, drowsiness, loss of consciousness or cramps: Call 911 and give immediate treatment (first aid).

Contact a doctor if in doubt about the injured person's condition or if the symptoms persist. Never give an unconscious person water or other drink.

Inhalation:

Upon breathing difficulties or irritation of the respiratory tract: Bring the person into fresh air and stay with him/her.

Skin contact:

IF ON SKIN: Wash with plenty of water/water and soap.

Remove contaminated clothing and shoes. Ensure to wash exposed skin thoroughly with water and soap. DO NOT use solvents or thinners.

If skin irritation occurs: Get medical advice/attention.

Eye contact:

If in eyes: Flush eyes with plenty of water or salt water (20-30 °C) for at least 30 minutes and continue until irritation stops. Remove contact lenses. Make sure you flush under the upper and lower eyelids. Seek medical assistance immediately and continue flushing during transport.

Ingestion:

IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.

Rinse mouth.

Burns:

Not applicable.

4.2. Most important symptoms and effects, both acute and delayed

The product contains substances that cause serious eye damage. Contact with these substances can cause irreversible effects on the eye / serious eye damage.

4.3. Indication of any immediate medical attention and special treatment needed

IF exposed or concerned:

Get immediate medical advice/attention.

Information to medics

Bring this safety data sheet or the label from this product.

SECTION 5: FIRE-FIGHTING MEASURES

5.1. Extinguishing media

Not applicable.

5.2. Special hazards arising from the substance or mixture

Fire will result in dense smoke. Exposure to combustion products may harm your health. Closed containers, which are exposed to fire, should be cooled with water. Do not allow fire-extinguishing water to enter the sewage system and nearby surface waters.

5.3. Advice for firefighters

Wear self-contained breathing apparatus and protective clothing to prevent contact. Upon direct exposure contact the Poison Help Line on 1-800-222-1222 (24/7) in order to obtain further advice.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Avoid direct contact with spilled substances.
Ensure adequate ventilation, especially in confined areas.
Avoid inhalation of vapours from spilled material.
Contaminated areas may be slippery.

6.2. Environmental precautions

Avoid discharge to lakes, streams, sewers, etc.
Keep unauthorized persons away from the spill

6.3. Methods and material for containment and cleaning up

Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations.
Wherever possible cleaning should be performed with normal cleaning agents. Avoid use of solvents.

6.4. Reference to other sections

See section 13 "Disposal considerations" on handling of waste.
See section 8 "Exposure controls/personal protection" for protective measures.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Avoid direct contact with the product.
Smoking, drinking and consumption of food is not allowed in the work area.
See section 8 "Exposure controls/personal protection" for information on personal protection.

7.2. Conditions for safe storage, including any incompatibilities

Containers that have been opened must be carefully resealed and kept upright to prevent leakage.
Store in a container with a resistant inner liner.

Recommended storage material:

Keep only in original packaging.

Storage conditions:

Dry, cool and well ventilated

Incompatible materials:

Keep only in original packaging.

7.3. Specific end use(s)

This product should only be used for applications quoted in section 1.2.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

hydrogen peroxide

Long term exposure limit (OSHA Table Z-1) (mg/m³): 1.4

Long term exposure limit (OSHA Table Z-1) (ppm): 1

Long term exposure limit (ACGIH TLV) (ppm): 1

Part 1910 - Occupational Safety and Health Standards (29 CFR 1910.1000 TABLE Z-1 - Limits for Air Contaminants)

8.2. Exposure controls

Compliance with the given occupational exposure limits values should be controlled on a regular basis.

General recommendations:

Smoking, drinking and consumption of food is not allowed in the work area.

Exposure scenarios:

There are no exposure scenarios implemented for this product.

Exposure limits:

Professional users are subjected to the legally set maximum concentrations for occupational exposure. See occupational hygiene limit values above.

Appropriate technical measures:

The formation of vapours must be kept at a minimum and below current limit values (see above). Installation of a local exhaust system if normal air flow in the work room is not sufficient is recommended. Ensure eyewash and emergency showers are clearly marked.

Ensure that eyewash stations and safety showers are located within easy reach.

Apply standard precautions during use of the product. Avoid inhalation of vapours.

Hygiene measures:

Take off contaminated clothing and wash it before reuse.

Measures to avoid environmental exposure:

No specific requirements.

Individual protection measures, such as personal protective equipment

Generally:

Use only protective equipment with a recognized certification mark, e.g. the UL mark.

Respiratory Equipment:

Work situation	Type	Class	Colour	Standards	
When there is risk of formation of mist/aerosol	Full mask			EN136	

Skin protection:

Recommended	Type/Category	Standards	
Dedicated work clothing should be worn.	-	-	

Hand protection:

Work situation	Material	Glove thickness (mm)	Breakthrough time (min.)	Standards	
In the event of prolonged exposure or high concentrations	Nitrile	0.4	> 480	EN374-2, EN16523-1, EN388	
In the event of prolonged exposure or high concentrations	Butyl	0,7	> 480	EN374-2, EN16523-1, EN388, EN421	

Eye protection:

Type	Standards	
Safety glasses with side shields.	EN166	

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Physical state:

Liquid

Color:

Colourless

Odor:

Characteristic

Odor threshold (ppm):

No data available.

pH:

2.5

Density (g/cm³):

1.1 (20 °C)

Kinematic viscosity:

No data available.

Particle characteristics:

Does not apply to liquids.

Phase changes

Melting point/freezing point (°F):

No data available.

Softening point/range (°F):

Does not apply to liquids.

Boiling point (°F):

-

Boiling point (°C):

100

Vapor pressure:

No data available.

Relative vapor density:

No data available.

Decomposition temperature (°F):

No data available.

Data on fire and explosion hazards

Flash point (°F):

No data available.

Flammability (°F):

No data available.

Auto-ignition temperature (°F):

No data available.

Explosion limits (% v/v):

No data available.

Solubility

Solubility in water:

Completely soluble

n-octanol/water coefficient (LogKow):

No data available.

Solubility in fat (g/L):

No data available.

9.2. Other information

Other physical and chemical parameters:

No data available.

Oxidizing properties:

No data available.

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

No data available.

10.2. Chemical stability

The product is stable under the conditions, noted in section 7 "Handling and storage".

10.3. Possibility of hazardous reactions, including those associated with foreseeable emergencies

None known.

10.4. Conditions to avoid

None known.

10.5. Incompatible materials

Keep only in original packaging.

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Acute toxicity

Conforms to OSHA Hazard Communication Standard (HCS) (29 CFR 1910.1200 / revised 2024)

Product/substance	hydrogen peroxide
Species:	Rat
Route of exposure:	Oral
Test:	LD50
Result:	1.193 - 1.270 mg/L

Product/substance	hydrogen peroxide
Species:	Rabbit
Route of exposure:	Dermal
Test:	LD50
Result:	>2.000 (35% oplossing) mg/kg

Harmful if swallowed.

Skin corrosion/irritation

Product/substance	iT.34 laundry stainremover pro active oxygen
Result:	Adverse effect observed (Irritating)

Product/substance	hydrogen peroxide
Result:	Adverse effect observed (Irritating)

Causes skin irritation.

Serious eye damage/irritation

Product/substance	iT.34 laundry stainremover pro active oxygen
Result:	Adverse effect observed (Causes serious eye damage)

Product/substance	hydrogen peroxide
Result:	Adverse effect observed (Causes serious eye damage)

Causes serious eye damage.

Respiratory sensitisation

Product/substance	hydrogen peroxide
Result:	No adverse effect observed (not sensitising)

Based on available data, the classification criteria are not met.

Skin sensitisation

Based on available data, the classification criteria are not met.

Germ cell mutagenicity

Based on available data, the classification criteria are not met.

Carcinogenicity

Product/substance	hydrogen peroxide
Conclusion:	No adverse effect observed

Based on available data, the classification criteria are not met.

Reproductive toxicity

Product/substance	hydrogen peroxide
Conclusion:	No adverse effect observed

Based on available data, the classification criteria are not met.

STOT-single exposure

May cause drowsiness or dizziness.

STOT-repeated exposure

Based on available data, the classification criteria are not met.

Aspiration hazard

Product/substance	hydrogen peroxide

Conforms to OSHA Hazard Communication Standard (HCS) (29 CFR 1910.1200 / revised 2024)

Based on available data, the classification criteria are not met.

Long term effects

The product contains substances that cause serious eye damage. Contact with these substances can cause irreversible effects on the eye / serious eye damage.

Other information

hydrogen peroxide has been classified by IARC as a group 3 carcinogen.

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Product/substance	hydrogen peroxide
Species:	Fish, Pimephales promelas
Duration:	96 hours
Test:	LC50
Result:	16,4 mg/L

Product/substance	hydrogen peroxide
Species:	Fish, Leuciscus idus
Duration:	72 hours
Test:	LC50
Result:	35 mg/L

Product/substance	hydrogen peroxide
Species:	Fish, Oncorhynchus mykiss
Duration:	7 days
Test:	LC50
Result:	38,5 mg/L

Product/substance	hydrogen peroxide
Species:	Daphnia pulex
Duration:	48 hours
Test:	EC50
Result:	2,4 mg/L

Product/substance	hydrogen peroxide
Species:	Daphnia magna
Duration:	24 hours
Test:	EC50
Result:	7,7 mg/L

Product/substance	hydrogen peroxide
Species:	Skeletonema costatum
Duration:	72 hours
Test:	EC50
Result:	1,38 mg/L

Product/substance	hydrogen peroxide
Test method:	OECD 209
Species:	Bacteria
Compartment:	Activated Sludge Plant
Duration:	30 minutes
Test:	EC50
Result:	466 mg/L

Conforms to OSHA Hazard Communication Standard (HCS) (29 CFR 1910.1200 / revised 2024)

Product/substance: hydrogen peroxide
Test method: OECD 209
Species: Bacteria
Compartment: Activated Sludge Plant
Duration: 3 hours
Test: EC50
Result: > 1.000 mg/L

Based on available data, the classification criteria are not met.

12.2. Persistence and degradability

Product/substance: hydrogen peroxide
Conclusion: Readily biodegradable

12.3. Bioaccumulative potential

Product/substance: hydrogen peroxide
LogKow: -1,57
Conclusion: -

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

This mixture/product does not contain any substances known to fulfil the criteria for PBT and vPvB classification.

12.6. Other adverse effects

None known.

SECTION 13: DISPOSAL CONSIDERATIONS

RCRA Hazardous waste ("P" and "U" list) (40 CFR 261)

None of the components are listed

Specific labelling

Contaminated packing

Packaging containing residues of the product must be disposed of similarly to the product.

SECTION 14: TRANSPORT INFORMATION

	14.1 UN / ID	14.2 UN proper shipping name	14.3 Hazard class(es)	14.4 PG*	14.5 Env**	Other informatio n:
DOT	UN2014	HYDROGEN PEROXIDE, AQUEOUS SOLUTION with not less than 20% but not more than 60% hydrogen peroxide (stabilized as necessary)	Transport hazard class: 5.1 Label: 5.1+8 Classification code: OC1  	II	No	Limited quantities: 1 L Tunnel restriction code: (E) See below for additional information.

Conforms to OSHA Hazard Communication Standard (HCS) (29 CFR 1910.1200 / revised 2024)

	14.1 UN / ID	14.2 UN proper shipping name	14.3 Hazard class(es)	14.4 PG*	14.5 Env**	Other informatio n:
IMDG	UN2014	HYDROGEN PEROXIDE, AQUEOUS SOLUTION with not less than 20% but not more than 60% hydrogen peroxide (stabilized as necessary)	Transport hazard class: 5.1 Label: 5.1+8 Classification code: OC1  	II	No	Limited quantities: 1 L EmS: F-H S-Q See below for additional information.
IATA	UN2014	HYDROGEN PEROXIDE, AQUEOUS SOLUTION with not less than 20% but not more than 60% hydrogen peroxide (stabilized as necessary)	Transport hazard class: 5.1 Label: 5.1+8 Classification code: OC1  	II	No	See below for additional information.

* Packing group

** Environmental hazards

Additional information

This product is within scope of the regulations of transport of dangerous goods.

DOT / See § 172.101 Hazardous Materials Table for any information on special provisions, requirements, or warnings in connection with transport. See § 172.602, for instructions in writing regarding mitigation of damages in relation to incidents or accidents during transport.

IMDG / See section 3.2.1, for any information on special provisions, requirements, or warnings in connection with transport.

IATA / See Table 4.2 for any information on special provisions, requirements, or warnings in connection with transport.

14.6. Special precautions for user

Not applicable.

14.7. Transport in bulk according to IMO instruments

No data available.

SECTION 15: REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

15.2. U.S. Federal regulations

TSCA (the non-confidential portion):

hydrogen peroxide is listed

Clean Air Act:

None of the components are listed

EPCRA Section 302:

hydrogen peroxide is regulated with a Threshold Planning Quantity (TPQ) of: 1000 pounds

EPCRA Section 304:

hydrogen peroxide is regulated with a Reportable Quantity (RQ) of: 1000 pounds

EPCRA section 313:

None of the components are listed

CERCLA:

None of the components are listed

Hazardous chemical inventory reporting:

This product is subject to Tier II reporting.

State regulations

California / Prop. 65:

None of the components are listed

Massachusetts / Right To Know Act:

hydrogen peroxide is listed

New Jersey / Right To Know Act:

hydrogen peroxide / Substance number: 1015

hydrogen peroxide is on the Special Health Hazard Substance List

—

New York / Right To Know Act:

hydrogen peroxide is listed

hydrogen peroxide is regulated with a Reportable Quantity (RQ) of: 1 pounds

hydrogen peroxide is regulated with a Treshold Reporting Quantity (TRQ) of: 0 pounds

hydrogen peroxide is regulated with a Treshold Planning Quantity (TPQ) of: 1000 pounds

—

Pennsylvania / Right To Know Act:

hydrogen peroxide is listed

hydrogen peroxide is hazardous to the environment (E)

—

15.4. Restrictions for application

Restricted to professional users.

15.5. Demands for specific education

No specific requirements.

15.6. Additional information

Not applicable.

15.7. Chemical safety assessment

No

15.8. Sources

OSHA Hazard Communication Standard (29 CFR 1910.1200)

SECTION 16: OTHER INFORMATION

Full text of H-phrases as mentioned in section 3

H271, May cause fire or explosion; strong oxidiser.

H302, Harmful if swallowed.

H314, Causes severe skin burns and eye damage.

H315, Causes skin irritation.

H318, Causes serious eye damage.

H319, Causes serious eye irritation.

H332, Harmful if inhaled.

H336, May cause drowsiness or dizziness.

The full text of identified uses as mentioned in section 1

None known.

Abbreviations and acronyms

ACGIH = American Conference of Governmental Industrial Hygienists
ADN = European Provisions concerning the International Carriage of Dangerous Goods by Inland Waterway
ADR = The European Agreement concerning the International Carriage of Dangerous Goods by Road
ATE = Acute Toxicity Estimate
BCF = Bioconcentration Factor
CAS = Chemical Abstracts Service
CERCLA = Comprehensive Environmental Response Compensation and Liability Act
DOT = Department of Transportation
EINECS = European Inventory of Existing Commercial chemical Substances
EPCRA = Emergency Planning and Community Right-To-Know Act
GHS = Globally Harmonized System of Classification and Labelling of Chemicals
HCIS = Hazardous Chemical Information System
HNOC = Hazards Not Otherwise Classified
IARC = International Agency for Research on Cancer
IATA = International Air Transport Association
IMDG = International Maritime Dangerous Goods
LogPow = logarithm of the octanol/water partition coefficient
MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)
NFPA = National Fire Protection Association
NIOSH = National Institute for Occupational Safety and Health
OECD = Organisation for Economic Co-operation and Development
OSHA = Occupational Safety and Health Administration
PBT = Persistent, Bioaccumulative and Toxic
RCRA = Resource Conservation and Recovery Act
RID = The Regulations concerning the International Carriage of Dangerous Goods by Rail
RRN = REACH Registration Number
SARA = Superfund Amendments and Reauthorization Act
SCL = A specific concentration limit.
STEL = Short-term exposure limits
STOT-RE = Specific Target Organ Toxicity - Repeated Exposure
STOT-SE = Specific Target Organ Toxicity - Single Exposure
TSCA = The Toxic Substances Control Act
TWA = Time weighted average
UN = United Nations
UVBC = Unknown or variable composition, complex reaction products or of biological materials
VOC = Volatile Organic Compound
vPvB = Very Persistent and Very Bioaccumulative

Additional information

The classification of the mixture in regard of health hazards is in accordance with the calculation methods given by HCS (29 CFR 1910.1200).

The safety data sheet is validated by

Quality & Compliance

Other

A change (in proportion to the last essential change (first cipher in SDS version, see section 1)) is marked with a triangle.

The information in this safety data sheet applies only to this specific product (mentioned in section 1) and is not necessarily correct for use with other chemicals/products.

It is recommended to hand over this safety data sheet to the actual user of the product. Information in this safety data sheet cannot be used as a product specification.

Country-language: US-en