

Safety data sheet

according to Regulation (EC) No 1907/2006, Article 31

Printing date 26.06.2024

Version number 103.03 (replaces version 103.02)

Revision: 25.06.2024

SECTION 1: Identification of the substance/mixture and of the company/ undertaking

1.1 Product identifier

Trade name Wasserstoffperoxid 12%**Article number:** 1002863101001**UFI:** SGSF-X0K3-G00W-56CK

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

Restrictions on use:

Restrictions on use according to REGULATION (EC) No 1907/2006 ANNEX XVII apply to this product (see section 15).

Application of the substance / the mixture

Intermediate

Oxidizing agent

bleaching agent

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier:STOCKMEIER Chemie GmbH & Co.KG, Am Stadtholz 37, DE - 33609 Bielefeld
Tel.: +49 521 / 30 37-0, ehs-bielefeld@stockmeier.deSTOCKMEIER Fluids GmbH & Co. KG, Sanssouci 12, DE – 58802 Balve
Tel.: +49 2375 917 310, fluids@stockmeier.comBASSERMANN Minerals GmbH & Co. KG, Rudolf-Diesel-Straße 42, DE – 68169 Mannheim
Tel.: +49 621 15 01 0, verkauf@bassermann.deSTOCKMEIER CHEMIA Sp. z o. o. i S.S.K., ul. Obornicka 277, PL - 60-691 Poznań
Tel.: +48 61 666 10 66, zamowienia@stockmeier.plSTOCKMEIER QUIMICA, S.L.U., Avda. del Baix Llobregat, 3- 5, ES – 08970 Sant Joan Despí (Barcelona)
Tel.: +34 93 506 91 83, tecnico-calidad@stockmeier.esSTOCKMEIER NETHERLANDS B.V., Ridderpoort 5, NL - 2984 BG Ridderkerk
Tel.: +31 180 41 5988, info@stockmeier.nlSTOCKMEIER Chemie Austria, Ricoweg 32b, AT - 2351 Wiener Neudorf
Tel.: +43 2236 623-40, office@stockmeier.atKEMTAN AG, Seewenweg 6, CH – 4153 Reinach
Tel.: +41 61 711 20 20, info@kemtan.chSTOCKMEIER CHEMICALS BELUX SA/NV, Rue de la Station 17, BE – 1300 Limal
Tel.: +32 10 421-320, info@stockmeierchemicalsbelux.comHDS – Chemie Handels GES.M.B.H., Bauernmarkt 24, AT - 1010 Wien
Tel.: +43 15 32 0 999, office@hds-chemie.at

www.stockmeier.com

Informing department:

Product safety department. Tel.: 0049 / 521 / 3037-381

E-mail: ehs-bielefeld@stockmeier.de

1.4 Emergency telephone number:

This is an English-language document designed for the European region. For the emergency number and other country-specific data, please refer to the specific national versions of this safety data sheet.

(Contd. on page 2)

Safety data sheet

according to Regulation (EC) No 1907/2006, Article 31

Printing date 26.06.2024

Version number 103.03 (replaces version 103.02)

Revision: 25.06.2024

Trade name Wasserstoffperoxid 12%

(Contd. of page 1)

Counselling Centre for Poisoning, Mainz
Tel. (+49) 61 31 / 19 240.

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

Eye Dam. 1 H318 Causes serious eye damage.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008

The product is classified and labelled according to the CLP regulation.

Hazard pictograms



GHS05

Signal word Danger

Hazard-determining components of labelling:

hydrogen peroxide solution

Hazard statements

H318 Causes serious eye damage.

Precautionary statements

P280 Wear eye protection / face protection.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310 Immediately call a POISON CENTER/doctor.

Additional information:

Product contains: Restricted explosives precursors. Making available, introduction, possession and use according to Regulation (EU) 2019/1148, Article 5 (1) and (3).

2.3 Other hazards

Product is an oxidizing agent.

- Risk of decomposition when exposed to heat or by contact with contaminants, metals, alkalis, reducing agents, incompatible materials,
- Risk of explosion when mixed with organic solvents.

Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

Determination of endocrine-disrupting properties Not applicable.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Description:

Mixture of the substances listed below with non-hazardous additions (solution in water).

Mixture of the following substances with non-hazardous additions.

(Contd. on page 3)

EUE

Safety data sheet

according to Regulation (EC) No 1907/2006, Article 31

Printing date 26.06.2024

Version number 103.03 (replaces version 103.02)

Revision: 25.06.2024

Trade name Wasserstoffperoxid 12%

(Contd. of page 2)

Dangerous components:		
CAS: 7722-84-1 EINECS: 231-765-0 Reg.nr.: 01-2119485845-22	hydrogen peroxide solution Ox. Liq. 1, H271; Skin Corr. 1B, H314; Acute Tox. 4, H302; Acute Tox. 4, H332 Specific concentration limits: Skin Corr. 1A; H314: $C \geq 70\%$ Skin Corr. 1B; H314: $50\% \leq C < 70\%$ Skin Irrit. 2; H315: $35\% \leq C < 50\%$ Eye Dam. 1; H318: $C \geq 8\%$ Eye Irrit. 2; H319: $5\% \leq C < 8\%$ STOT SE 3; $C \geq 35\%$ Ox. Liq. 1; H271: $C \geq 70\%$ Ox. Liq. 2; H272: $50\% \leq C < 70\%$	10-25%

SVHC

This preparation does not contain any substances of very high concern (SVHC) in a concentration of $\geq 0.1\%$ according to Regulation (EC) 1907/2006, Article 57.

Regulation (EC) No 648/2004 on detergents / Labelling for contents

oxygen-based bleaching agents

 $\geq 5 - < 15\%$ **Additional information** For the wording of the listed hazard phrases refer to section 16.**SECTION 4: First aid measures****4.1 Description of first aid measures****General advice:**

Remove the effected victim from exposure.

Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.

If unconscious, position and transport in stable lateral position.

In case of persistent symptoms receive medical treatment.

After inhalation Supply fresh air; consult doctor in case of symptoms.**After skin contact**

Wash contaminated clothing with water.

Instantly wash with water and soap and rinse thoroughly. If skin irritation persists, seek medical advice.

Instantly rinse with water.

Remove contaminated clothing immediately. Wash affected areas with plenty of water und soap. If irritation continues, contact a doctor.

After eye contact

Rinse immediately opened eye for several minutes under running water. Then consult doctor.

After swallowing

Rinse out mouth and then drink plenty of water.

Instantly call for doctor.

Information for doctor

In case of oral ingestion: Danger of aspiration due to foam formation, with larger amounts gas embolism possible. Lay flat immediately if gas embolism. Danger of burns. Symptomatic treatment.

4.2 Most important symptoms and effects, both acute and delayed

No further relevant information available.

4.3 Indication of any immediate medical attention and special treatment needed

No further relevant information available.

— EUE —

(Contd. on page 4)

Safety data sheet

according to Regulation (EC) No 1907/2006, Article 31

Printing date 26.06.2024

Version number 103.03 (replaces version 103.02)

Revision: 25.06.2024

Trade name Wasserstoffperoxid 12%

(Contd. of page 3)

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing agents

Product is non-flammable. Use fire fighting measure that suit the surroundings.
Use fire fighting measures that suit the environment.

For safety reasons unsuitable extinguishing agents Extinguishing powder.

5.2 Special hazards arising from the substance or mixture

Can be released in case of fire:

Oxygen (promotes combustion)

5.3 Advice for firefighters

Protective equipment:

See section 8.

Wear self-contained breathing apparatus.

Wear full protective suit with self-contained breathing apparatus.

Additional information

Collect contaminated fire fighting water separately. It must not enter drains.

Cool endangered containers in the vicinity with a water spray jet.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Put on protective equipment and keep unprotected persons away.

6.2 Environmental precautions:

Do not allow to enter drainage system, surface or ground water.

In case of release of larger quantities, inform competent authorities.

6.3 Methods and material for containment and cleaning up:

Leaked out product: Do not refill in storage containers. Danger of decomposition.

Absorb with inert absorbent material (sand, diatomite, acid binders, universal binders). Do not use combustible/oxidizable substances.

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Dispose of contaminated material as waste according to point 13.

Small amounts of product: Flush away with plenty of water.

6.4 Reference to other sections

See Section 7 for information on safe handling

See Section 8 for information on personal protection equipment.

See Section 13 for information on disposal.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Ensure good ventilation/extraction at the workplace.

Avoid repeated or long term skin contact.

Do not replace residual quantities in storage containers.

Information about protection against explosions and fires:

Keep ignition sources away - Do not smoke.

7.2 Conditions for safe storage, including any incompatibilities

Storage Store in cool, dry conditions in well sealed containers.

Requirements to be met by storerooms and containers:

Observe laws and regulations on the storage and use of substances hazardous to water.

Store only in the original container.

Use only containers specifically permitted for this substance/product.

(Contd. on page 5)

Safety data sheet

according to Regulation (EC) No 1907/2006, Article 31

Printing date 26.06.2024

Version number 103.03 (replaces version 103.02)

Revision: 25.06.2024

Trade name Wasserstoffperoxid 12%

(Contd. of page 4)

Information about storage in one common storage facility:

Do not store together with metal salts, alkalis and reducing agents.

Store away from flammable substances.

Further information about storage conditions: None.**Storage class**

5.1 B Oxidising hazardous substances (TRGS 510, Storage of hazardous substances in portable containers)

7.3 Specific end use(s) No further relevant information available.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters**Components with critical values that require monitoring at the workplace:**

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

DNELs**7722-84-1 hydrogen peroxide solution**

Inhalative	DNEL (worker)	3 mg/m ³ (Acute, local effects) 1,4 mg/m ³ (Long-term, local effects)
	DNEL (population)	1,93 mg/m ³ (Acute, local effects) 0,21 mg/m ³ (Long-term, local effects)

PNECs**7722-84-1 hydrogen peroxide solution**

PNEC water	0,0126 mg/l (freshwater)
	0,0126 mg/l (Seawater)
PNEC water	0,0138 mg/l (intermittent releases)
PNEC sediment	0,047 mg/kg dw (freshwater)
	0,047 mg/kg dw (marine water)
PNEC soil	0,0023 mg/kg dw (soil)
PNEC STP	4,66 mg/l (sewage plant)

Additional information: The lists that were valid during the compilation were used as basis.**8.2 Exposure controls****Appropriate engineering controls** Ensure ventilation/exhaustion at the workplace**Individual protection measures, such as personal protective equipment****General protective and hygienic measures**

Use skin protection cream for preventive skin protection.

Keep away from food, beverages and fodder.

Instantly remove any soiled and impregnated garments.

Wash hands during breaks and at the end of the work.

Avoid contact with the eyes.

Avoid contact with the eyes and skin.

Gases, fumes and aerosols should not be inhaled.

Breathing equipment: Respiratory protection in case of release of vapours/aerosols**Recommended filter device for short term use:** Special gas filter NO-P3**Hand protection**

Protective gloves (EN 374).

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

(Contd. on page 6)

Safety data sheet

according to Regulation (EC) No 1907/2006, Article 31

Printing date 26.06.2024

Version number 103.03 (replaces version 103.02)

Revision: 25.06.2024

Trade name Wasserstoffperoxid 12%

(Contd. of page 5)

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

Material of gloves

Butyl rubber, recommended material thickness: $\geq 0,7$ mm, breakthrough time: ≥ 480 min.

Nitrile rubber (NBR), recommended material thickness: $\geq 0,4$ mm, breakthrough time: ≥ 480 min.

Natural rubber, NR, recommended thickness: ≥ 1 mm, penetration time: ≥ 480 min.

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

Penetration time of glove material

Note information regarding permeation rate, penetration times and the degradation supplied by the manufacturer of gloves just as workplace-specific conditions.

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

Not suitable are gloves made of the following materials:

Gloves made of leather or fabric (risk of spontaneous combustion).

Eye/face protection Tightly sealed safety glasses.

Body protection:

Standard protective work clothing. Chemical resistant safety shoes or boots. If skin contact may occur, wear impermeable protective clothing for this solution.

Environmental exposure controls Observe the local and national waste water regulations.

* SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties
General Information
Physical state

Fluid

Colour:

Colourless

Smell:

Characteristic

Odour threshold:

Not determined.

Melting point/freezing point:

Not determined

Boiling point or initial boiling point and boiling range

100 °C (7732-18-5 water, distilled, conductivity or of similar purity)

Flammability

Contact with combustible material may cause fire.

Lower and upper explosion limit
Lower:

Not determined.

Upper:

Not determined.

Flash point:

Product is non-flammable nor potentially explosive

Decomposition temperature:

Not determined.

pH at 20 °C

3,4

pH-value:
Viscosity:
Kinematic viscosity

Not determined.

dynamic:

Not determined.

Solubility
Water:

Fully miscible

(Contd. on page 7)

EUE

Safety data sheet

according to Regulation (EC) No 1907/2006, Article 31

Printing date 26.06.2024

Version number 103.03 (replaces version 103.02)

Revision: 25.06.2024

Trade name Wasserstoffperoxid 12%

(Contd. of page 6)

Partition coefficient n-octanol/water (log value)	Not determined.
Vapour pressure at 20 °C:	23 hPa (7732-18-5 water, distilled, conductivity or of similar purity)

Density and/or relative density	
Density at 20 °C	1,054 g/cm ³
Relative density	Not determined.
Vapour density	Not determined.

9.2 Other information**Appearance:****Form:** Fluid**Important information on protection of health and environment, and on safety.****Self-inflammability:** Product is not selfigniting.**Explosive properties:** Product is not potentially explosive**Softening point/range****Oxidising properties** Contact with combustible material may cause fire.**Evaporation rate** Not determined.**Information with regard to physical hazard classes**

Explosives	Void
Flammable gases	Void
Aerosols	Void
Oxidising gases	Void
Gases under pressure	Void
Flammable liquids	Void
Flammable solids	Void
Self-reactive substances and mixtures	Void
Pyrophoric liquids	Void
Pyrophoric solids	Void
Self-heating substances and mixtures	Void
Substances and mixtures, which emit flammable gases in contact with water	Void
Oxidising liquids	Void
Oxidising solids	Void
Organic peroxides	Void
Corrosive to metals	Void
Desensitised explosives	Void
molecular weight (weight average/Mw):	Hydrogen peroxide: 34.02 g/mol

SECTION 10: Stability and reactivity

Product is an oxidising agent and reactive. Stable at room temperature. Risk of decomposition on exposure to heat. Risk of self-accelerated, exothermic decomposition with oxygen evolution in contact with impurities, decomposition catalysts, incompatible substances (see below). Mixtures with flammable substances may have explosive properties.

10.1 Reactivity Oxidising agent**10.2 Chemical stability**

The product is stable if the regulations / notes for storage and handling are considered.

Thermal decomposition / conditions to be avoided: To avoid thermal decomposition do not overheat.**10.3 Possibility of hazardous reactions** Violent reaction with the substances specified below.

(Contd. on page 8)

Safety data sheet

according to Regulation (EC) No 1907/2006, Article 31

Printing date 26.06.2024

Version number 103.03 (replaces version 103.02)

Revision: 25.06.2024

Trade name Wasserstoffperoxid 12%

(Contd. of page 7)

10.4 Conditions to avoid

impact of heat
sun exposure
heat

10.5 Incompatible materials:

Impurities, metal ions, metal salts, metals, alkalis, hydrochloric acid, reducing agents, flammable substances, solvents.

Reactions with strong oxidising agents.

10.6 Hazardous decomposition products: Oxygen (may cause fire).

Additional information:

Commercial products are stabilised to reduce decomposition hazards due to impurities.

* SECTION 11: Toxicological information

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

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

LD/LC50 values that are relevant for classification:**7722-84-1 hydrogen peroxide solution**

Oral	LD50	1190-1270 mg/kg (rat) 1232 mg/kg (rat) (H ₂ O ₂ 35%)
Dermal	LD50	>2000 mg/kg (rabbit) (H ₂ O ₂ 70%)
Inhalative	LC 50 / 4 h	>0,17 mg/l (rat) (Vapour (generated from 50% hydrogen peroxide))

Skin corrosion/irritation Based on available data, the classification criteria are not met.

Serious eye damage/irritation Causes serious eye damage.

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

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

STOT-single exposure Based on available data, the classification criteria are not met.

STOT-repeated exposure Based on available data, the classification criteria are not met.

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

Other information (about experimental toxicology):

Carcinogenicity: So far no clear evidence of an increased tumour risk. Hydrogen peroxide is not a carcinogenic substance according to MAK, IARC, NTP, OSHA, ACGIH.

Germ cell mutagenicity: Results of tests or other studies do not meet the criteria for classification.

Additional toxicological information: irritant

11.2 Information on other hazards**Endocrine disrupting properties**

None of the ingredients is listed.

* SECTION 12: Ecological information

12.1 Toxicity**Aquatic toxicity:****7722-84-1 hydrogen peroxide solution**

LC 50 / 96 h	16,4 mg/l (Pimephales promelas)
LC 50 / 24 h	31 mg/l (Oncorhynchus mykiss)
EC 50 / 48 h	2,4 mg/l (Daphnia pulex)

(Contd. on page 9)

Safety data sheet

according to Regulation (EC) No 1907/2006, Article 31

Printing date 26.06.2024

Version number 103.03 (replaces version 103.02)

Revision: 25.06.2024

Trade name Wasserstoffperoxid 12%

(Contd. of page 8)

EC 50 / 24 h	7,7 mg/l (Daphnia magna)
IC 50 / 72 h	2,5 mg/l (Chlorella vulgaris)
NOEC	0,63 mg/l (Daphnia magna) (21 d)
NOEC / 72 h	0,1 mg/l (Chlorella vulgaris)
	0,63 mg/l (Skeletonema costatum)
EC 10 / 16 h	11 mg/l (Pseudomonas putida)

12.2 Persistence and degradability

Rapid decomposition into oxygen and water.

Medium: water, soil.

Behaviour in environmental systems:

Under environmental conditions, rapid decomposition into oxygen and water or reduction takes place without a negative impact on the environment.

12.3 Bioaccumulative potential Bioaccumulation: Not expected due to decomposition, reduction.**12.4 Mobility in soil** No further relevant information available.**12.5 Results of PBT and vPvB assessment****PBT:** Not applicable.**vPvB:** Not applicable.**12.6 Endocrine disrupting properties**

The product does not contain substances with endocrine disrupting properties.

12.7 Other adverse effects**Behaviour in sewage processing plants:** Rapid decomposition into oxygen and water.**Other information:** The product contains no organically bound halogen (AOX) and no heavy metals.**Additional ecological information:****General notes:**

Do not allow to enter drainage system, surface or ground water

Water hazard class 1 (Self-assessment): slightly hazardous for water.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

The note below refers to the product left as it is and not to further processed products. When mixed with other products, other disposal routes may be required; if in doubt, consult the supplier of the product or the local authority.

Recommendation

Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

Can be disposed of as waste water (sewage system, sewage treatment plant) after dilution with a lot of water or after permission by the competent authority after dilution with a lot of water into a receiving water body, provided that the local official regulations are observed.

Waste disposal key number:

Since 1 January 1999, the waste code numbers have not only been product-related but essentially application-related. The waste code number valid for the application can be taken from the European Waste Catalogue.

Uncleaned packagings: Disposal in accordance with official regulations.**Recommendation:**

Empty containers completely and send them cleaned for reconditioning or recycling. Dispose of containers only in consultation with local authorities.

Leve opment: After optimal emptying, immediately return to the supplier tightly closed and without cleaning. Make sure that no foreign matter gets into the packaging!

Other containers: Empty completely and clean for reconditioning or reprocessing.

(Contd. on page 10)

Safety data sheet

according to Regulation (EC) No 1907/2006, Article 31

Printing date 26.06.2024

Version number 103.03 (replaces version 103.02)

Revision: 25.06.2024

Trade name Wasserstoffperoxid 12%

(Contd. of page 9)

Recommended cleaning agent: Water, if necessary with cleaning agent.

SECTION 14: Transport information

14.1 UN number or ID number ADR/RID/ADN, IMDG, IATA	UN2984
14.2 UN proper shipping name ADR/RID/ADN IMDG, IATA	2984 HYDROGEN PEROXIDE, AQUEOUS SOLUTION HYDROGEN PEROXIDE, AQUEOUS SOLUTION
14.3 Transport hazard class(es) ADR/RID/ADN Class Label	5.1 (O1) Oxidising substances. 5.1
IMDG, IATA Class Label	5.1 Oxidising substances. 5.1
14.4 Packing group ADR/RID/ADN, IMDG, IATA	III
14.5 Environmental hazards: Marine pollutant:	Not applicable. No
14.6 Special precautions for user Kemler Number: EMS Number: Stowage Category Stowage Code Segregation Code	Warning: Oxidising substances. 50 F-H,S-Q B SW1 Protected from sources of heat. SG16 Stow "separated from" class 4.1 SG59 Stow "separated from" SGG14-permanganates SG72 See 7.2.6.3.2.
14.7 Maritime transport in bulk according to IMO instruments	Not applicable.
Transport/Additional information:	
ADR/RID/ADN Limited quantities (LQ) Excepted quantities (EQ)	5L Code: E1 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml
IMDG Limited quantities (LQ) Excepted quantities (EQ)	5L Código E4 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml

(Contd. on page 11)

Safety data sheet

according to Regulation (EC) No 1907/2006, Article 31

Printing date 26.06.2024

Version number 103.03 (replaces version 103.02)

Revision: 25.06.2024

Trade name Wasserstoffperoxid 12%

(Contd. of page 10)

UN "Model Regulation":

UN 2984 HYDROGEN PEROXIDE, AQUEOUS SOLUTION, 5.1, III

SECTION 15: Regulatory information

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

Labelling according to Regulation (EC) No 1272/2008

The product is classified and labelled according to the CLP regulation.

Hazard pictograms



GHS05

Signal word Danger

Hazard-determining components of labelling:

hydrogen peroxide solution

Hazard statements

H318 Causes serious eye damage.

Precautionary statements

P280 Wear eye protection / face protection.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310 Immediately call a POISON CENTER/doctor.

Directive 2012/18/EU

Named dangerous substances - ANNEX I None of the ingredients is listed.

LIST OF SUBSTANCES SUBJECT TO AUTHORISATION (ANNEX XIV)

None of the ingredients is listed.

REGULATION (EC) No 1907/2006 ANNEX XVII Conditions of restriction: 3

DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II

None of the ingredients is listed.

REGULATION (EU) 2019/1148

Acquisition, introduction, possession or use of this product by the general public is restricted by Regulation (EU) 2019/1148. All suspicious transactions, and significant disappearances and thefts should be reported to the relevant national contact point. Please see https://ec.europa.eu/home-affairs/sites/homeaffairs/files/what-we-do/policies/crisis_and-terrorism/explosives/explosives-precursors/docs/list_of_competent_authorities_and_national_contact_points_en.pdf.

Regulation (EC) No 273/2004 on drug precursors

None of the ingredients is listed.

Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors

None of the ingredients is listed.

National regulations

Information about limitation of use:

Employment restrictions concerning young persons must be observed.

(Contd. on page 12)

Safety data sheet

according to Regulation (EC) No 1907/2006, Article 31

Printing date 26.06.2024

Version number 103.03 (replaces version 103.02)

Revision: 25.06.2024

Trade name Wasserstoffperoxid 12%

(Contd. of page 11)

Other regulations, limitations and prohibitive regulations

This product is licensed as a raw material for explosives restrictions on disclosure to private end-users according to Regulation EC 98/2013.

Substances of very high concern (SVHC) according to REACH, Article 57

None of the ingredients is listed.

15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

This safety data sheet complies with Regulation (EC) No 1907/2006, Article 31 as amended by Regulation (EU) 2020/878.

Application: Only for industrial applications.

UFI market placements:

Germany, Bulgaria, Denmark, DKE, ESE, European Union, Finland, SFS, France, Greece, Ireland, ISE, Croatia, Latvia, FL, Lithuania, LTE, Malta, Netherland, Norway, Germany, Poland, Portugal, Romania, Sweden, Slovakia, Slovenia, Spain, Czechia, Cyprus

Relevant phrases

Complete wording of hazard statements and risk phrases (H-phrases) mentioned in section 3. These phrases refer to the constituents. The labelling for this product is stated in section 2.

H271 May cause fire or explosion; strong oxidiser.

H272 May intensify fire; 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.

Department issuing data specification sheet: See section 1.3: Responding area

Date of previous version: 03.04.2023

Version number of previous version: 103.02

Abbreviations and acronyms:

LEV: Local Exhaust Ventilation

RPE: Respiratory Protective Equipment

RCR: Risk Characterisation Ratio (RCR= PEC/PNEC)

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

CLP: Classification, Labelling and Packaging (Regulation (EC) No. 1272/2008)

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

TRGS: Technische Regeln für Gefahrstoffe (Technical Rules for Dangerous Substances, BAuA, Germany)

DNEL: Derived No-Effect Level (REACH)

PNEC: Predicted No-Effect Concentration (REACH)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

SVHC: Substance of Very High Concern

SVHC: Substances of Very High Concern

vPvB: very Persistent and very Bioaccumulative

Ox. Liq. 1: Oxidizing liquids – Category 1

Acute Tox. 4: Acute toxicity – Category 4

Skin Corr. 1B: Skin corrosion/irritation – Category 1B

(Contd. on page 13)

Safety data sheet
according to Regulation (EC) No 1907/2006, Article 31

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Revision: 25.06.2024

Trade name Wasserstoffperoxid 12%

Eye Dam. 1: Serious eye damage/eye irritation – Category 1

*** Data compared to the previous version altered.**

(Contd. of page 12)

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