

Trade name: Hydrogenii peroxidum 30%

Substance number: 212500

Version: 15 / CH

Date revised: 08.07.2025

Replaces Version: 14 / CH

Print date: 08.07.25

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

1.1. Product identifier

Hydrogenii peroxidum 30%

Item No. 21250000

Registration no.

Registration no. 01-2119485845-22-XXXX

Substance / product identification

UFI X0M0-10CA-C008-17DN

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

Use of the substance/preparation

industry, Oxidizing agents, Precursor for explosive substances according to VSG (SR814.42). The provisions of Art. 14 and 15 VSG must be observed when dispensing/supplying.

1.3. Details of the supplier of the safety data sheet

Address/Manufacturer

Hänseler AG

Industriestrasse 35

9100 Herisau

Telephone no. 0041 (0)71 353 58 58

E-mail address of sdb@haenseler.ch

person responsible
for this SDS

1.4. Emergency telephone number

Switzerland :145 / Abroad +41 (0)44 251 51 51

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (Regulation (EC) No. 1272/2008)

Classification (Regulation (EC) No. 1272/2008)

Acute Tox. 4 H302

Acute Tox. 4 H332

Eye Dam. 1 H318

The product is classified and labelled in accordance with Regulation (EC) No 1272/2008

For explanation of abbreviations see section 16.

2.2. Label elements

Labelling according to regulation (EC) No 1272/2008

Hazard pictograms



Signal word

Danger

Hazard statements

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H302 Harmful if swallowed.
 H332 Harmful if inhaled.
 H318 Causes serious eye damage.

Precautionary statements

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
 P280 Wear protective gloves/protective clothing/eye protection/face protection.
 P304+P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
 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 or doctor.
 P501.3 Disposal in compliance with local and national regulations.

Hazardous component(s) to be indicated on label (Regulation (EC) No. 1272/2008)

contains hydrogen peroxide solution... %

2.3. Other hazards

The product contains no PBT substances. The product contains no vPvB substances. This product does not contain a substance that has endocrine disrupting properties with respect to human. The product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms.

SECTION 3: Composition/information on ingredients**Chemical characterization**

Alcoholic solution

Molecular weight

Value 34.02 g/mol

Hazardous ingredients**hydrogen peroxide solution... %**

CAS No. 7722-84-1
 EINECS no. 231-765-0
 Registration no. 01-2119485845-22-XXXX
 Concentration ≥ 30 < 35 %
 Classification (Regulation (EC) No. 1272/2008)
 Ox. Liq. 1 H271
 Acute Tox. 4 H302
 Acute Tox. 4 H332
 Skin Corr. 1A H314

Concentration limits (Regulation (EC) No. 1272/2008)

| | | |
|---------------------------|------|------------------|
| Eye Dam. 1 | H318 | $\geq 8 < 50$ % |
| Eye Irrit. 2 | H319 | $\geq 5 < 8$ % |
| Ox. Liq. 1 | H271 | ≥ 70 % |
| Ox. Liq. 2 | H272 | $\geq 50 < 70$ % |
| Skin Corr. 1A | H314 | ≥ 70 % |
| Skin Corr. 1B | H314 | $\geq 50 < 70$ % |
| Skin Irrit. 2 | H315 | $\geq 35 < 50$ % |
| STOT SE 3 | H335 | ≥ 35 % |
| ATE oral | 431 | mg/kg |
| ATE inhalative, Dust/Mist | 1.5 | mg/l |
| ATE inhalative, Vapors | 11 | mg/l |

Additional remarks:

CLP Regulation (EC) No 1272/2008, Annex VI, Note B

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SECTION 4: First aid measures

4.1. Description of first aid measures

General information

Adhere to personal protective measures when giving first aid. Remove affected person from danger area. Do not leave casualty unattended. Keep warm, calm and covered up. Place and transport casualty in stable position (lying sideways).

After inhalation

Remove the casualty into fresh air and keep him calm. Irregular breathing/no breathing: artificial respiration. In the event of symptoms take medical treatment.

After skin contact

After contact with skin, wash immediately with plenty of water. Consult a doctor if skin irritation persists. Remove contaminated, soaked clothing immediately and dispose of safely.

After eye contact

Separate eyelids, wash the eyes thoroughly with water (15 min.). Summon a doctor immediately.

After ingestion

Do not induce vomiting. If swallowed, rinse mouth with water (only if the person is conscious). Summon a doctor immediately. Let plenty of water be drunk in small gulps.

Adhere to personal protective measures when giving first aid

First aider: Pay attention to self-protection!

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

Symptoms such as drowsiness, irritation of the oesophagus, abdominal pain, foaming at the mouth, nausea, vomiting and diarrhoea are possible. Causes serious eye damage. Corrosive/irritating liquids cause varying degrees of damage to the eye, destruction and detachment of the conjunctiva and corneal epithelium, corneal opacity, oedema and ulceration, depending on the intensity of exposure. Danger of blindness. Irritation symptoms in the respiratory tract such as coughing, burning behind the sternum, tearing, burning in the eyes or nose. Necrosis formation in the upper respiratory tract and respiratory distress possible. There is the possibility of pulmonary oedema formation!

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

Hints for the physician / treatment

Symptomatic treatment (decontamination, vital functions), no specific antidote known.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Water spray jet, Extinguishing measures to suit surroundings

Non suitable extinguishing media

Full water jet

5.2. Special hazards arising from the substance or mixture

The product is not combustible. If a fire breaks out nearby, pressure build-up and danger of bursting are possible. In the event of fire the following can be released: Oxygen; Under certain fire conditions the smoke may contain other toxic compounds. In case of combustion evolution of dangerous gases possible.

5.3. Advice for firefighters

Special protective equipment for fire-fighting

Use self-contained breathing apparatus. Wear full protective suit. Cool closed containers exposed to fire

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with water. Do not allow run-off from fire fighting to enter drains or water courses.

Other information

Cool endangered containers with water spray jet.

SECTION 6: Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures**

Keep people away and stay on the upwind side. Avoid contact with skin, eyes and clothing. Use personal protective clothing. Keep away unprotected persons.

6.2. Environmental precautions

Do not discharge into the drains/surface waters/groundwater. Do not discharge into the subsoil/soil. Prevent spread over a wide area (e.g. by containment or oil barriers). Advise water authority if spillage has entered water course or drainage system.

6.3. Methods and material for containment and cleaning up

For large amounts: take up with appropriate instrument and dispose. Pump off large amounts. Pick up rest with absorbent material (e.g. sand). For small amounts: take up with appropriate instrument and dispose. Rinse away rest with plenty of water. Provide adequate ventilation.

6.4. Reference to other sections

Information regarding personal protective measures, see Section 8.

SECTION 7: Handling and storage**7.1. Precautions for safe handling****Advice on safe handling**

Observe the usual precautions for handling chemicals. Smoking, eating and drinking should be prohibited in application area. Wear protective equipment. Avoid contact with skin, eyes and clothing. Avoid inhalation of vapour and spray mist. Keep away from heat and sources of ignition. Ensure adequate ventilation.

7.2. Conditions for safe storage, including any incompatibilities**Requirements for storage rooms and vessels**

Suitable materials: Use stainless steel containers. Use aluminium containers. Use containers made of Polyethylene. Polypropylene. Use PVC containers. Use glass containers. Use ceramic containers. Unsuitable material: iron. Do not use steel containers. Unsuitable packaging materials: Copper. Do not use zinc containers. Do not use lead containers. Provide ventilation of containers.

Hints on storage assembly

Keep away from flammable substances. Keep away from reducing agents. Do not store together with: Alkalies, Reducing agents, metal oxides, organic materials

Storage classes

Storage class according to TRGS 510

5.1B

Oxidising hazardous substances

Storage category (Switzerland)

8

Caustic and corrosive substances

Further information on storage conditions

Protect from heat. Protect from light. Protect from contamination. Storage in a containment room required. Keep containers tightly closed in a dry, cool and well-ventilated place.

SECTION 8: Exposure controls/personal protection**8.1. Control parameters****Exposure limit values**

hydrogen peroxide solution... %

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| | | | | |
|--|------|-------------------|---|--------|
| List | SUVA | | | |
| Type | MAK | | | |
| Value | 1,4 | mg/m ³ | 1 | ppm(V) |
| Short term exposure limit | 2,8 | mg/m ³ | 2 | ppm(V) |
| Pregnancy group: S; Remarks: SSs; OAW Auge; DFG OSHA | | | | |

Derived No/Minimal Effect Levels (DNEL/DMEL)**hydrogen peroxide solution... %**

| | | | | |
|----------------------|--------------------------------|--|--|-------------------|
| Type of value | Derived No Effect Level (DNEL) | | | |
| Reference group | Worker | | | |
| Duration of exposure | Acute | | | |
| Route of exposure | inhalative | | | |
| Mode of action | Local effects | | | |
| Concentration | 3 | | | mg/m ³ |

| | | | | |
|----------------------|--------------------------------|--|--|-------------------|
| Type of value | Derived No Effect Level (DNEL) | | | |
| Reference group | Worker | | | |
| Duration of exposure | Long term | | | |
| Route of exposure | inhalative | | | |
| Mode of action | Local effects | | | |
| Concentration | 1.4 | | | mg/m ³ |

| | | | | |
|----------------------|--------------------------------|--|--|-------------------|
| Type of value | Derived No Effect Level (DNEL) | | | |
| Reference group | Consumer | | | |
| Duration of exposure | Acute | | | |
| Route of exposure | inhalative | | | |
| Mode of action | Local effects | | | |
| Concentration | 1.93 | | | mg/m ³ |

| | | | | |
|----------------------|--------------------------------|--|--|-------------------|
| Type of value | Derived No Effect Level (DNEL) | | | |
| Reference group | Consumer | | | |
| Duration of exposure | Long term | | | |
| Route of exposure | inhalative | | | |
| Mode of action | Local effects | | | |
| Concentration | 0.21 | | | mg/m ³ |

Predicted No Effect Concentration (PNEC)**hydrogen peroxide solution... %**

| | | | | |
|---------------|------------|--|--|------|
| Type of value | PNEC | | | |
| Type | Freshwater | | | |
| Concentration | 0.0126 | | | mg/l |

| | | | | |
|---------------|-----------|--|--|------|
| Type of value | PNEC | | | |
| Type | Saltwater | | | |
| Concentration | 0.0126 | | | mg/l |

| | | | | |
|---------------|--------------|--|--|------|
| Type of value | PNEC | | | |
| Conditions | Intermittend | | | |
| Concentration | 0.0138 | | | mg/l |

| | | | | |
|---------------|------------------------------|--|--|------|
| Type of value | PNEC | | | |
| Type | Sewage treatment plant (STP) | | | |
| Concentration | 4.66 | | | mg/l |

| | | | | |
|---------------|---------------------|--|--|--|
| Type of value | PNEC | | | |
| Type | Freshwater sediment | | | |

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| | | |
|---------------|-----------------|-------|
| Concentration | 0.047 | mg/kg |
| Type of value | PNEC | |
| Type | Marine sediment | |
| Concentration | 0.047 | mg/kg |
| Type of value | PNEC | |
| Type | Soil | |
| Concentration | 0.0023 | mg/kg |

8.2. Exposure controls

General protective and hygiene measures

Hold eye wash fountain available. Hold emergency shower available. Remove contaminated, soaked clothing immediately and dispose of safely. Wash hands and face after work. Keep away from food-stuffs, beverages and feed-stocks. Wash hands and face before breaks and after work. Use barrier skin cream. Personal protective equipment must comply with the Regulation (EC) No 2016/425 and the resulting CEN standards.

Respiratory protection

Provide adequate ventilation. In case of insufficient ventilation, wear suitable respiratory equipment. Breathing apparatus in the event of aerosol or mist formation. Short term: filter apparatus, special gas filter, NO-P3; Short term: filter apparatus, special gas filter, CO-P3; At intensive and longer exposition use self-contained breathing apparatus.

Hand protection

The glove material must be sufficient impermeable and resistant to the substance. Check the tightness before wear. Gloves should be well cleaned before being removed, then stored in a well ventilated location.

| | | |
|--|----------------------|-----|
| Appropriate Material | Butyl rubber - Butyl | |
| Material thickness | 0.7 | mm |
| Breakthrough time | > 480 | min |
| Hand protection must comply with EN 374. | | |
| Appropriate Material | Natural Latex | |
| Material thickness | 1 | mm |
| Breakthrough time | > 480 | min |
| Hand protection must comply with EN 374. | | |
| Appropriate Material | nitrile | |
| Material thickness | 0.4 | mm |
| Breakthrough time | > 480 | min |
| Hand protection must comply with EN 374. | | |

Eye protection

Safety goggles; Safety glasses with side protection shield; Face shield; Eye protection must comply with EN 166.

Body protection

Impermeable protective clothing; protective overalls, PVC; Boots; Not suitable: leather protective clothing; Cotton or cotton/synthetic overalls or coveralls are normally suitable.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|----------------|-------------------|
| Physical state | liquid |
| Colour | colourless, clear |
| Odour | odourless |
| Melting point | |

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| | | |
|-------|-------|----|
| Value | -25.7 | °C |
|-------|-------|----|

Freezing point

| | | |
|-------|-------|----|
| Value | -25.7 | °C |
|-------|-------|----|

Boiling point or initial boiling point and boiling range

| | | | |
|----------|---|------|-----|
| Value | < | 106 | °C |
| Pressure | | 1013 | hPa |

Flammability

Not self inflammable

Flash point

| | |
|---------|----------------|
| Value | °C |
| Remarks | Not applicable |

pH value

| | | | |
|-------------|----|-----|----|
| Value | <= | 3.5 | |
| Temperature | | 20 | °C |

Viscosity**dynamic**

| | | |
|-------------|------|-------|
| Value | 1.11 | mPa.s |
| Temperature | 20 | °C |
| Remarks | 100% | |

Partition coefficient n-octanol/water (log value)

| | |
|-------------|------------|
| log Pow | -1.57 |
| Temperature | 20 °C |
| Method | calculated |
| Remarks | 100% |

Vapour pressure

| | | | |
|-------------|---|-------|-----|
| Value | < | 33.33 | hPa |
| Temperature | | 20 | °C |

Density and/or relative density

| | | |
|-------------|--|-------|
| Value | 1.111 | g/cm³ |
| Temperature | 20 | °C |
| Method | OECD 109 | |
| Value | 1.11 | |
| Temperature | 15 | °C |
| Method | OECD 109 | |
| Value | 1.09 | g/ml |
| Temperature | 50 | °C |
| Method | OECD 109 | |
| Value | 1.11 | g/ml |
| Temperature | 25 | °C |
| Remarks | Relative Density according specification | |

9.2. Other information**Solubility in water**

| | |
|---------|---------------------|
| Remarks | Completely miscible |
|---------|---------------------|

Surface tension

| | | |
|-------------|------|------|
| Value | 74.2 | mN/m |
| Temperature | 20 | °C |

Other information

The product is not dangerous for explosions.

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SECTION 10: Stability and reactivity

10.1. Reactivity

Oxidising agents, Risk of decomposition when exposed to heat, contamination or contact with incompatible materials.

10.2. Chemical stability

Stable under recommended storage and handling conditions (see section 7).

10.3. Possibility of hazardous reactions

Risk of decomposition

10.4. Conditions to avoid

Protect from heat and direct sunlight. Possible incompatibility with materials listed under section 10.5.

10.5. Incompatible materials

Reactions with organic substances. Metals, Bases, Reducing agents, Acetone, dust, Do not store with combustible materials. Salts of metals (iron), HCl

10.6. Hazardous decomposition products

Oxygen

SECTION 11: Toxicological information

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

Acute oral toxicity

| | | |
|-----|---------|-------|
| ATE | 1436.67 | mg/kg |
|-----|---------|-------|

Acute oral toxicity (Components)

hydrogen peroxide solution... %

| | | |
|---------|-----|-------|
| Species | rat | |
| LD50 | 431 | mg/kg |
| Method | EPA | |

Acute dermal toxicity (Components)

hydrogen peroxide solution... %

| | | |
|---------|--------|-------|
| Species | rabbit | |
| LD50 | 9200 | mg/kg |

Acute inhalational toxicity

| | | |
|---------------------|-----------|------|
| ATE | 36.67 | mg/l |
| Administration/Form | Vapors | |
| ATE | 5 | mg/l |
| Administration/Form | Dust/Mist | |

Acute inhalative toxicity (Components)

hydrogen peroxide solution... %

| | | |
|----------------------|-----------|------|
| LC50 | 1.5 | mg/l |
| Duration of exposure | 4 | h |
| Administration/Form | Dust/Mist | |

hydrogen peroxide solution... %

| | | |
|----------------------|--------|------|
| LC50 | 11 | mg/l |
| Duration of exposure | 4 | h |
| Administration/Form | Vapors | |

Skin corrosion/irritation

| | |
|------------|--------------|
| evaluation | non-irritant |
|------------|--------------|

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Skin corrosion/irritation (Components)**hydrogen peroxide solution... %**

| | |
|------------|-----------|
| Species | rabbit |
| evaluation | corrosive |

Serious eye damage/irritation

| | |
|---------|---------------------------------|
| Species | rabbit |
| Remarks | Corrosive |
| Remarks | Risk of serious damage to eyes. |

Serious eye damage/irritation (Components)**hydrogen peroxide solution... %**

| | |
|------------|---|
| Species | rabbit |
| evaluation | irritant - risk of serious damage to eyes |
| Remarks | Corrosive |

Sensitization

| | |
|---------|-------------------|
| Species | guinea pig |
| Remarks | None |
| Source | Magnusson/Kligman |

Sensitization (Components)**hydrogen peroxide solution... %**

| | |
|---------|------------|
| Species | guinea pig |
| Remarks | None |

Subacute, subchronic, chronic toxicity

| | |
|---------|-------------------------|
| Species | mouse |
| NOAEL | 26 to 37 mg/kg |
| Method | Study on drinking water |

Subacute, subchronic, chronic toxicity (Components)**hydrogen peroxide solution... %**

| | |
|----------------------|----------|
| Route of exposure | oral |
| Species | mouse |
| NOEL | 26 mg/kg |
| Repeated exposure | |
| Duration of exposure | 90 Days |
| Method | OECD 408 |

Mutagenicity (Components)**hydrogen peroxide solution... %**

| | |
|------------|---|
| Species | mammal, species unspecified |
| evaluation | Information on genotoxicity in vitro available. |
| Method | OECD 473 |

hydrogen peroxide solution... %

| | |
|--------|----------|
| Method | OECD 476 |
|--------|----------|

hydrogen peroxide solution... %

| | |
|------------|---|
| Species | mouse |
| evaluation | No mutagenicity in the micronucleus test. |
| Method | OECD 474 |

Specific Target Organ Toxicity (STOT) (Components)**hydrogen peroxide solution... %**

| | |
|------------|-----------------------------------|
| evaluation | May cause respiratory irritation. |
|------------|-----------------------------------|

11.2 Information on other hazards**Endocrine disrupting properties with respect to humans**

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The product does not contain a substance that has endocrine disrupting properties with respect to humans.

SECTION 12: Ecological information

12.1. Toxicity

Fish toxicity

| | | | |
|----------------------|---|---|------|
| Species | Fathead minnow (<i>Pimephales promelas</i>) | | |
| LC50 | 16.4 | | mg/l |
| Duration of exposure | 96 | h | |

Fish toxicity (Components)

hydrogen peroxide solution... %

| | | | |
|----------------------|---|---|------|
| Species | Fathead minnow (<i>Pimephales promelas</i>) | | |
| LC50 | 16.4 | | mg/l |
| Duration of exposure | 96 | h | |

Daphnia toxicity

| | | | |
|----------------------|---------------|---|------|
| Species | Daphnia magna | | |
| EC50 | 2.4 | | mg/l |
| Duration of exposure | 48 | h | |
| Species | Daphnia magna | | |
| NOEC | 0.63 | | mg/l |
| Duration of exposure | 21 | d | |

Daphnia toxicity (Components)

hydrogen peroxide solution... %

| | | | |
|----------------------|---------------|---|------|
| Species | Daphnia magna | | |
| EC50 | 2.4 | | mg/l |
| Duration of exposure | 48 | h | |

hydrogen peroxide solution... %

| | | | |
|----------------------|---------------|---|------|
| Species | Daphnia magna | | |
| NOEC | 0.63 | | mg/l |
| Duration of exposure | 21 | d | |

Algae toxicity

| | | | |
|----------------------|-----------------------|---|------|
| Species | Skelettonema costatum | | |
| NOEC | 0.63 | | mg/l |
| Duration of exposure | 72 | h | |

Algae toxicity (Components)

hydrogen peroxide solution... %

| | | | |
|----------------------|-----------------------|---|--|
| Species | Skelettonema costatum | | |
| NOEC | 0.63 | | |
| Duration of exposure | 72 | h | |

hydrogen peroxide solution... %

| | | | |
|----------------------|-----------------------|---|------|
| Species | Skelettonema costatum | | |
| ErC50 | 1.38 | | mg/l |
| Duration of exposure | 72 | h | |

Bacteria toxicity (Components)

hydrogen peroxide solution... %

| | | | |
|----------------------|------------------|---|------|
| Species | activated sludge | | |
| EC50 | > 1000 | | mg/l |
| Duration of exposure | 3 | h | |
| Method | OECD 209 | | |

hydrogen peroxide solution... %

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| | | |
|----------------------|------------------|------|
| Species | activated sludge | |
| EC50 | 466 | mg/l |
| Duration of exposure | 30 | min |
| Method | OECD 209 | |

12.2. Persistence and degradability**Biodegradability**

| | | |
|-----------------------------|--------------------|---|
| Duration of test evaluation | 100 | d |
| | readily degradable | |

Biodegradability (Components)**hydrogen peroxide solution... %**

| | | |
|------------------|-----------------------|---|
| Value evaluation | 100 | % |
| | Readily biodegradable | |

Ready degradability

| | |
|---------|---|
| Remarks | The product can be degraded by abiotic, e.g. chemical or photolytic, processes. |
|---------|---|

12.3. Bioaccumulative potential**Partition coefficient n-octanol/water (log value)**

| | |
|-------------|------------|
| log Pow | -1.57 |
| Temperature | 20 °C |
| Method | calculated |
| Remarks | 100% |

Bioconcentration factor (BCF)

| | |
|---------|----------------|
| Remarks | Not applicable |
|---------|----------------|

12.4. Mobility in soil**Mobility in soil**

Will not adsorb on soil.

Mobility in soil (Components)**hydrogen peroxide solution... %**

Will not adsorb on soil.

12.5. Results of PBT and vPvB assessment**General information**

Not applicable

Results of PBT and vPvB assessment

The product contains no PBT substances
The product contains no vPvB substances.

12.6 Endocrine disrupting properties**Endocrine disrupting properties with respect to the environment**

The product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms.

SECTION 13: Disposal considerations**13.1. Waste treatment methods****Disposal recommendations for the product**

Disposal in compliance with local and national regulations.

Disposal recommendations for packaging

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Dispose of as unused product.

SECTION 14: Transport information

| | Land transport ADR/RID | Marine transport IMDG/GGVSee | Air transport ICAO/IATA |
|----------------------------------|--|---|--|
| Tunnel restriction code | E | | |
| 14.1. UN number | 2014 | 2014 | 2014 |
| 14.2. UN proper shipping name | HYDROGEN PEROXIDE, AQUEOUS SOLUTION | HYDROGEN PEROXIDE, AQUEOUS SOLUTION | HYDROGEN PEROXIDE, AQUEOUS SOLUTION |
| 14.3. Transport hazard class(es) | 5.1 | 5.1 | 5.1 |
| Subsidiary risk | 8 | 8 | 8 |
| Label |  |  |  |
| 14.4. Packing group | II | II | II |
| Limited Quantity | 1 I | | |
| Transport category | 2 | | |

SECTION 15: Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****Water Hazard Class (Germany)**

Water Hazard Class

WGK 1

(Germany)

Remarks

Derivation of WGK according to Annex 1 No. 5.2 AwSV

15.2. Chemical safety assessment

For this substance a chemical safety assessment has been carried out.

SECTION 16: Other information**Hazard statements listed in Chapter 3**

H271

May cause fire or explosion; strong oxidizer.

H302

Harmful if swallowed.

H314

Causes severe skin burns and eye damage.

H318

Causes serious eye damage.

H332

Harmful if inhaled.

CLP categories listed in Chapter 3

Acute Tox. 4

Acute toxicity, Category 4

Eye Dam. 1

Serious eye damage, Category 1

Ox. Liq. 1

Oxidising liquid, Category 1

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Skin Corr. 1A

Skin corrosion, Category 1A

Supplemental information

Relevant changes compared with the previous version of the safety data sheet are marked with: ***
This information is based on our present state of knowledge. However, it should not constitute a guarantee for any specific product properties and shall not establish a legally valid relationship.