

Trade name: Hydrogenii peroxidum 3%

Substance number: 212450

Version: 8 / CH

Date revised: 28.09.2020

Replaces Version: 7 / CH

Print date: 28.09.20

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

1.1. Product identifier

Hydrogenii peroxidum 3%

Item No. 21245000

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

Use of the substance/preparation

Medicinal product, Cosmetics

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

This product is not classified hazardous in accordance with Regulation (EC) No 1272/2008.

2.2. Label elements

Labelling according to regulation (EC) No 1272/2008

Supplemental information

EUH210

Safety data sheet available on request.

SECTION 3: Composition/information on ingredients ***

Chemical characterization

Alcoholic solution

Hazardous ingredients

hydrogen peroxide solution... %

CAS No. 7722-84-1

EINECS no. 231-765-0

Registration no. 01-2119485845-22-XXXX

Concentration ≥ 3 < 5 %

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 $\geq 5 < 8$

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Ox. Liq. 1	H271	>= 70
Ox. Liq. 2	H272	>= 50 < 70
Skin Corr. 1A	H314	>= 70
Skin Corr. 1B	H314	>= 50 < 70
Skin Irrit. 2	H315	>= 35 < 50
STOT SE 3	H335	>= 35

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

Further ingredients *****water**

CAS No.	7732-18-5			
EINECS no.	231-791-2			
Concentration		>=	50	%
Advice: [4]				

phosphoric acid ... %

CAS No.	7664-38-2			
EINECS no.	231-633-2			
Registration no.	01-2119485924-24			
Concentration		<	1	%
Advice: [4]				

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

Met. Corr. 1	H290
Acute Tox. 4	H302
Skin Corr. 1B	H314
Eye Dam. 1	H318

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

Eye Irrit. 2	H319	>= 10 < 25
Skin Corr. 1B	H314	>= 25
Skin Irrit. 2	H315	>= 10 < 25

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

Note

[4] Voluntary information

SECTION 4: First aid measures**4.1. Description of first aid measures****General information**

If you feel unwell, seek medical advice (show the label where possible). Take off contaminated clothing and shoes immediately.

After inhalation

Ensure supply of fresh air. 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.

After eye contact

Separate eyelids, wash the eyes thoroughly with water (15 min.). By continuous complaints consult a physician.

After ingestion

Rinse mouth thoroughly with water. Consult a physician if necessary.

SECTION 5: Firefighting measures

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5.1. Extinguishing media**Suitable extinguishing media**

Extinguishing measures to suit surroundings

5.2. Special hazards arising from the substance or mixture

None known

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

Do not inhale vapours. Avoid contact with skin, eyes and clothing.

6.2. Environmental precautions

Do not discharge into the drains/surface waters/groundwater.

6.3. Methods and material for containment and cleaning up

Take up with absorbent material (eg sand, kieselguhr, universal binder). For tall amounts: Take up mechanically and collect in suitable container for disposal. Clean up affected area.

6.4. Reference to other sections

Information regarding Safe handling, see Section 7. Information regarding personal protective measures, see Section 8. Information regarding waste disposal, see Section 13.

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

No special requirements.

7.2. Conditions for safe storage, including any incompatibilities**Storage classes**

Storage class according to TRGS 510 12 Non-combustible liquids

Further information on storage conditions

Keep container tightly closed, cool and dry.

SECTION 8: Exposure controls/personal protection**8.1. Control parameters****Exposure limit values****hydrogen peroxide solution... %**

List	SUVA			
Type	MAK			
Value	0,71	mg/m ³	0,5	ppm(V)
Short term exposure limit	0,71	mg/m ³	0,5	ppm(V)
Pregnancy group: S; Remarks: SSc; Auge & Haut & OAW, Asthma; DFG, OSHA				

8.2. Exposure controls**General protective and hygiene measures**

General industrial hygiene practice. Avoid any contact with the body.

Respiratory protection

Provide adequate ventilation. Do not breathe vapours, dust or aerosol.

Hand protection

necessary

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Eye protection

necessary

SECTION 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties**

Form Liquid
Colour colourless, clear

Initial boiling point and boiling range

Value appr. 100 °C
 Source Estimated value

Flash point

Value °C
 Remarks Not applicable

Vapour pressure

Remarks Not applicable

SECTION 10: Stability and reactivity**10.1. Reactivity**

No hazardous reactions when stored and handled according to prescribed instructions.

10.2. Chemical stability

No decomposition if stored and applied as directed.

10.3. Possibility of hazardous reactions

No hazardous reactions known.

10.4. Conditions to avoid

Protect from sun. Protect from heat/overheating.

10.5. Incompatible materials

Metals, Strong oxidising agents

10.6. Hazardous decomposition products

Oxygen

SECTION 11: Toxicological information**11.1. Information on toxicological effects****Acute oral toxicity**

ATE > 10'000 mg/kg
 Method calculated value (Regulation (EC) No. 1272/2008)

Acute oral toxicity (Components)

hydrogen peroxide solution... %
 LD50 445 mg/kg

Acute dermal toxicity (Components)

hydrogen peroxide solution... %
 Species rabbit
 LD50 4060 mg/kg

Acute inhalational toxicity

ATE > 100 mg/l
 Administration/Form Vapors

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Method	calculated value (Regulation (EC) No. 1272/2008)
ATE	> 20 mg/l
Administration/Form	Dust/Mist
Method	calculated value (Regulation (EC) No. 1272/2008)

Skin corrosion/irritation

Remarks Irritating to skin.

Serious eye damage/irritation

Remarks Irritates the eyes.

SECTION 12: Ecological information**12.1. Toxicity****General information**

There is no data available on the product apart from the information given in this subsection.

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

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

Algae toxicity (Components)**hydrogen peroxide solution... %**

Species	Skeletonema costatum
NOEC	0.63
Duration of exposure	72 h

hydrogen peroxide solution... %

Species	Skeletonema costatum
ErC50	1.38 mg/l
Duration of exposure	72 h

12.2. Persistence and degradability**General information**

There is no data available on the product apart from the information given in this subsection.

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

Value	100 %
evaluation	Readily biodegradable

12.3. Bioaccumulative potential**General information**

There is no data available on the product apart from the information given in this subsection.

12.4. Mobility in soil**General information**

There is no data available on the product apart from the information given in this subsection.

12.5. Results of PBT and vPvB assessment

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General information

There is no data available on the product apart from the information given in this subsection.

12.6. Other adverse effects**General information**

There is no data available on the product apart from the information given in this subsection.

General information / ecology

Ecological injuries are not known or expected under normal use.

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

Dispose of as unused product.

SECTION 14: Transport information

	Land transport ADR/RID	Marine transport IMDG/GGVSee	Air transport ICAO/IATA
14.1. UN number	The product does not constitute a hazardous substance in land transport.	The product does not constitute a hazardous substance in sea transport.	The product does not constitute a hazardous substance in air transport.

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 (Germany) WGK 1

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 not 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.
 H332 Harmful if inhaled.

CLP categories listed in Chapter 3

Acute Tox. 4 Acute toxicity, Category 4
 Ox. Liq. 1 Oxidising liquid, Category 1
 Skin Corr. 1A Skin corrosion, Category 1A

Supplemental information

Relevant changes compared with the previous version of the safety data sheet are marked with: ***

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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.