

neodisher TP oxy

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Replaces Version: - / GB

Date revised: 26.02.2015

Print date: 02.03.15

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

1.1. Product identifier

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

Use of the substance/preparation

Washing and cleaning products (including solvent based products)

1.3. Details of the supplier of the safety data sheet

Address:

Chemische Fabrik Dr. Weigert GmbH & Co. KG
Mühlenhagen 85
D-20539 Hamburg
Telephone no. +49 40 789 60 0
Fax no. +49 40 789 60 120
www.drweigert.com

E-mail address of person responsible for this SDS:

sida@drweigert.de

1.4. Emergency telephone number

GBK/ Infotrac: (USA domestic) 1 800 535 5053 or international +1 352 323 3500

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

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

Eye Dam. 1	H318
Acute Tox. 4	H302
Aquatic Chronic 3	H412

Classification in accordance with EC directives 1999/45/EC and 67/548/EEC

Classification	Xn, R22
	Xi, R41

2.2. Label elements

Labelling according to regulation (EC) No 1272/2008

Hazard pictograms



Signal word

Danger

Hazard statements

H302	Harmful if swallowed.
H318	Causes serious eye damage.
H412	Harmful to aquatic life with long lasting effects.

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Precautionary statements

- P273 Avoid release to the environment.
P280 Wear protective gloves/protective clothing/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 or doctor.
Dispose only when container is empty and closed. For disposal of product residues, refer to Material Safety Data Sheet.

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

contains hydrogen peroxide solution

Labelling in accordance with EC directives 1999/45/EC and 67/548/EEC

The product is classified and labelled in accordance with EC directives/the relevant national laws.

Hazard symbols



Harmful

R phrases

- 22 Harmful if swallowed.
41 Risk of serious damage to eyes.

S phrases

- 3 Keep in a cool place.
9 Keep container in a well-ventilated place.
26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
28 After contact with skin, wash immediately with plenty of . . . (to be specified by the manufacturer).
36 Wear suitable protective clothing.
45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

Hazardous component(s) to be indicated on label

contains hydrogen peroxide solution

2.3. Other hazards

No special hazards have to be mentioned.

SECTION 3: Composition/information on ingredients

Hazardous ingredients

hydrogen peroxide solution

CAS No. 7722-84-1
EINECS no. 231-765-0
Registration no. 01-2119485845-22
Concentration >= 28 < 35 %
Classification Xn, R20/22
O, R8
C, R35
R5

Classification (Regulation (EC) No. 1272/2008)
Ox. Liq. 1 H271

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Acute Tox. 4	H332
Acute Tox. 4	H302
Skin Corr. 1A	H314

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

Ox. Liq. 1	H271	>= 70
Skin Corr. 1B	H314	<= 50 < 70
Eye Irrit. 2	H319	<= 5 < 8
Eye Dam. 1	H318	<= 8 < 50
Skin Corr. 1A	H314	>= 70
Ox. Liq. 2	H272	<= 50 < 70
Skin Irrit. 2	H315	<= 35 < 50
STOT SE 3	H335	>= 35

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

In case of persistent symptoms consult doctor.

After inhalation

Ensure supply of fresh air. When vapours are intensively inhaled, seek medical help immediately.

After skin contact

After contact with skin, wash immediately with plenty of water.

After eye contact

Separate eyelids, wash the eyes thoroughly with water (15 min.). Eye treatment by an Oculist.

After ingestion

Do not induce vomiting. Rinse mouth thoroughly with water. Take medical treatment.

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

Until now no symptoms known so far.

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

Hints for the physician / hazards

In the case of swallowing with subsequent vomiting, aspiration of the lungs can occur which can lead to chemical pneumonia or asphyxiation.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Water spray jet, Foam

Non Suitable extinguishing media

Full water jet

5.2. Special hazards arising from the substance or mixture

None known

5.3. Advice for firefighters

Special protective equipment for fire-fighting

Wear protective clothing.

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Other information

Collect contaminated fire-fighting water separately, must not be discharged into the drains. Fire residues and contaminated fire-fighting water must be disposed of in accordance with the local regulations.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Avoid contact with skin, eyes and clothing. Refer to protective measures listed in sections 7 and 8.

6.2. Environmental precautions

Do not allow to enter drains or waterways.

6.3. Methods and material for containment and cleaning up

Take up with absorbent material (eg sand, kieselguhr, universal binder).

6.4. Reference to other sections

Refer to protective measures listed in sections 7 and 8.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Keep container tightly closed. When diluting, always stir product into water. Observe the usual precautions for handling chemicals.

Advice on protection against fire and explosion

No special measures required.

7.2. Conditions for safe storage, including any incompatibilities

Recommended storage temperature

Value < 25 °C

Requirements for storage rooms and vessels

Keep only in the original container.

Hints on storage assembly

Do not store with combustible materials.

Storage class according to TRGS 510

Storage class according to TRGS 510 5.1B Oxidising hazardous substances

Further information on storage conditions

Protect from heat/overheating. Protect from contamination.

7.3. Specific end use(s)

no data

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Other information

There are not known any further control parameters.

8.2. Exposure controls

General protective and hygiene measures

Do not eat, drink or smoke during work time. Avoid contact with skin and eyes.

Respiratory protection

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If workplace limits are exceeded, a respiratory protection approved for this particular job must be worn.
Particle filter half mask, filter P2

Hand protection

Neoprene gloves

Use Short-term hand contact

Breakthrough time 1 h

Eye protection

Safety glasses with side protection shield

Body protection

Clothing as usual in the chemical industry.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Form	liquid
Colour	colourless
Odour	characteristic
Odour threshold	
Remarks	not determined
pH value	
Value	appr. 1,8
Melting point	
Remarks	not determined
Freezing point	
Remarks	not determined
Initial boiling point and boiling range	
Remarks	not determined
Flash point	
Remarks	Not applicable
Evaporation rate (ether = 1) :	
Remarks	not determined
Flammability (solid, gas)	
evaluation	not determined
Upper/lower flammability or explosive limits	
Remarks	not determined
Vapour pressure	
Remarks	not determined
Vapour density	
Remarks	not determined
Density	
Value	1,11 g/cm ³
Solubility in water	
Remarks	completely soluble
Solubility(ies)	
Remarks	not determined
Partition coefficient: n-octanol/water	
Remarks	not determined

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Ignition temperature

Remarks not determined

Decomposition temperature

Remarks not determined

Viscosity

Remarks not determined

Explosive properties

evaluation not determined

Oxidising properties

evaluation oxidizing

9.2. Other information

Other information

None known

SECTION 10: Stability and reactivity

10.1. Reactivity

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

10.2. Chemical stability

Protect from contamination.

10.3. Possibility of hazardous reactions

Do not keep the container sealed.

10.4. Conditions to avoid

Protect from heat and direct sunlight.

Decomposition temperature

Remarks not determined

10.5. Incompatible materials

Reactions with strong acids and alkalis. Reactions with alkali metals. Reactions with earth alkali metals. Reactions with metals in powder form. Reactions with combustible substances.

10.6. Hazardous decomposition products

Oxygen

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute oral toxicity

Reference substance	hydrogen peroxide solution	
LD50	1200	mg/kg

Acute oral toxicity (Components)

hydrogen peroxide solution

Species	rat	
LD50	> 500	mg/kg

Acute dermal toxicity

Remarks not determined

Acute inhalational toxicity

Remarks not determined

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Skin corrosion/irritation

Remarks Irritating effects on the skin and mucous membrane.

Serious eye damage/irritation

Remarks Risk of serious damage to eyes.

Sensitization

Remarks not determined

Subacute, subchronic, chronic toxicity

Remarks not determined

Mutagenicity

Remarks not determined

Reproductive toxicity

Remarks not determined

Carcinogenicity

Remarks not determined

Specific Target Organ Toxicity (STOT)

Remarks not determined

Experience in practice

Inhalation may lead to irritation of the respiratory tract.

Other information

The toxicological information is based on the main components.

SECTION 12: Ecological information

12.1. Toxicity

General information

not determined

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 pulex		
EC50	2,4		mg/l
Duration of exposure	48	h	

Algae toxicity (Components)

hydrogen peroxide solution

Species	Chlorella vulgaris		
IC50	2,5		mg/l
Duration of exposure	72	h	

12.2. Persistence and degradability

General information

not determined

12.3. Bioaccumulative potential

General information

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not determined

Partition coefficient: n-octanol/water

Remarks not determined

12.4. Mobility in soil

General information

not determined

12.5. Results of PBT and vPvB assessment

General information

not determined

12.6. Other adverse effects

General information

not determined

General information / ecology

Do not allow to enter soil, waterways or waste water canal.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal recommendations for the product

Allocation of a waste code number, according to the European Waste Catalogue (EWC), should be carried out in agreement with the regional waste disposal company.

Disposal recommendations for packaging

Completely emptied packagings can be given for recycling.

SECTION 14: Transport information

Land transport ADR/RID

14.1. UN number

UN 2014

14.2. UN proper shipping name

HYDROGEN PEROXIDE, AQUEOUS SOLUTION

14.3. Transport hazard class(es)

Class	5.1	
Label	5.1	8

14.4. Packing group

Packing group	II
Limited Quantity	1 I
Transport category	2
Tunnel restriction code	E

Marine transport IMDG/GGVSee

14.1. UN number

UN 2014

14.2. UN proper shipping name

HYDROGEN PEROXIDE, AQUEOUS SOLUTION

14.3. Transport hazard class(es)

Class	5.1
Subsidiary risk	8

14.4. Packing group

Packing group	II
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14.5. Environmental hazards

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no
IMDG-Code segregation 16 Peroxides
group

Air transport ICAO/IATA

14.1. UN number

UN 2014

14.2. UN proper shipping name

HYDROGEN PEROXIDE, AQUEOUS SOLUTION

14.3. Transport hazard class(es)

Class 5.1

Subsidiary risk 8

14.4. Packing group

Packing group II

Information for all modes of transport

14.6. Special precautions for user

See Sections 6 to 8

Other information

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not applicable

SECTION 15: Regulatory information

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

Ingredients (Regulation (EC) No 648/2004)

30 % and more:

oxygen-based bleaching agents

Water Hazard Class (Germany)

Water Hazard Class WGK 1

(Germany)

Remarks Classification according to Annex 4 VwVwS

VOC

VOC (EU) 0 %

Other information

The product does not contain substances of very high concern (SVHC).

15.2. Chemical safety assessment

For this preparation a chemical safety assessment has not been carried out.

SECTION 16: Other information

R-phrases listed in Chapter 3

20/22	Harmful by inhalation and if swallowed.
35	Causes severe burns.
5	Heating may cause an explosion.
8	Contact with combustible material may cause fire.

Hazard statements listed in Chapter 3

H271	May cause fire or explosion; strong oxidiser.
H302	Harmful if swallowed.
H314	Causes severe skin burns and eye damage.
H332	Harmful if inhaled.

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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: ***
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.