

neodisher Septo PreClean

Version: 3 / GB

Replaces Version: 2 / GB

Date revised: 17.10.2016

Print date: 21.03.17

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)

| | |
|-------------------|------|
| Acute Tox. 4 | H302 |
| Skin Corr. 1B | H314 |
| Eye Dam. 1 | H318 |
| STOT RE 2 | H373 |
| Aquatic Acute 1 | H400 |
| Aquatic Chronic 2 | H411 |

2.2. Label elements

Labelling according to regulation (EC) No 1272/2008

Hazard pictograms



Signal word

Danger

Hazard statements

| | |
|------|--|
| H302 | Harmful if swallowed. |
| H314 | Causes severe skin burns and eye damage. |
| H373 | May cause damage to organs through prolonged or repeated exposure: |
| H400 | Very toxic to aquatic life. |

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H411 Toxic to aquatic life with long lasting effects.

Precautionary statements

P260 Do not breathe dust/fume/gas/mist/vapours/spray.
 P273 Avoid release to the environment.
 P280 Wear protective gloves/protective clothing/eye protection/face protection.
 P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
 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 Safety Data Sheet.

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

contains laurylpropylene diamine; amphoteric surfactants; lactic acid; fatty alcohols, alkoxylated

2.3. Other hazards

No special hazards have to be mentioned.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Hazardous ingredients

amphoteric surfactants

| | | | | | |
|--|-----------------|---|------|---|--|
| CAS No. | 179865-14-6 | | | | |
| Concentration | >= 1 | < | 10 | % | |
| Classification (Regulation (EC) No. 1272/2008) | | | | | |
| | Acute Tox. 4 | | H302 | | |
| | Aquatic Acute 1 | | H400 | | |
| | Skin Corr. 1B | | H314 | | |

laurylpropylene diamine

| | | | | | |
|--|-------------------|---|------|---|--|
| CAS No. | 90640-43-0 | | | | |
| EINECS no. | 292-562-0 | | | | |
| Registration no. | 01-2119957843-25 | | | | |
| Concentration | >= 1 | < | 10 | % | |
| Classification (Regulation (EC) No. 1272/2008) | | | | | |
| | Acute Tox. 3 | | H301 | | |
| | Skin Corr. 1B | | H314 | | |
| | STOT RE 1 | | H372 | | |
| | Aquatic Acute 1 | | H400 | | |
| | Aquatic Chronic 1 | | H410 | | |
| | Eye Dam. 1 | | H318 | | |

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

| | |
|-------------------|---------|
| Aquatic Acute 1 | M = 100 |
| Aquatic Chronic 1 | M = 1 |

lactic acid

| | | | | | |
|--|------------------|---|------|---|--|
| CAS No. | 79-33-4 | | | | |
| EINECS no. | 201-196-2 | | | | |
| Registration no. | 01-2119474164-39 | | | | |
| Concentration | >= 1 | < | 10 | % | |
| Classification (Regulation (EC) No. 1272/2008) | | | | | |
| | Eye Dam. 1 | | H318 | | |

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Skin Irrit. 2 H315

fatty alcohols, alkoxyated

Registration no. 02-2119552469-28

Concentration ≥ 1 < 10 %

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

Acute Tox. 4 H302

Eye Irrit. 2 H319

Aquatic Chronic 3 H412

1-Aminopropan-2-ol

CAS No. 78-96-6

EINECS no. 201-162-7

Registration no. 01-2119475331-43

Concentration ≥ 1 < 10 %

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

Skin Corr. 1B H314

Eye Dam. 1 H318

Acute Tox. 4 H312

Route of exposure: dermal

Propan-2-ol

CAS No. 67-63-0

EINECS no. 200-661-7

Registration no. 01-2119457558-25

Concentration ≥ 1 < 10 %

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

Flam. Liq. 2 H225

Eye Irrit. 2 H319

STOT SE 3 H336

2-(2-Butoxyethoxy)ethanol

CAS No. 112-34-5

EINECS no. 203-961-6

Registration no. 01-2119475104-44

Concentration ≥ 10 < 25 %

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

Eye Irrit. 2 H319

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

Remove contaminated, soaked clothing immediately and dispose of safely. Clean body thoroughly (bath, shower). In any case show the physician the Safety Data Sheet.

After inhalation

Ensure supply of fresh air. When spray fog inhaled, seek medical aid.

After skin contact

After contact with skin, wash immediately with plenty of water. Take medical treatment.

After eye contact

In case of contact with the eyes, rinse immediately for at least 15 minutes with plenty of water. Summon a doctor immediately.

After ingestion

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If swallowed, seek medical advice immediately and show this container or label. Rinse mouth thoroughly with water. Let plenty of water be drunk in small gulps. Do not induce vomiting.

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

Foam, Water spray jet, Dry powder

Non suitable extinguishing media

Full water jet

5.2. Special hazards arising from the substance or mixture

In case of combustion evolution of dangerous gases possible.

5.3. Advice for firefighters

Special protective equipment for fire-fighting

Do not inhale explosion and/or combustion gases. In case of combustion use a suitable breathing apparatus.

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 discharge into the drains/surface waters/groundwater.

6.3. Methods and material for containment and cleaning up

Pick up with absorbent material. Dispose of absorbed material in accordance with the regulations.

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

Avoid formation of aerosols. Observe the usual precautions for handling chemicals. Keep container tightly closed.

Advice on protection against fire and explosion

Keep away from sources of heat and ignition.

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7.2. Conditions for safe storage, including any incompatibilities

Recommended storage temperature

Value > 0 < 30 °C

Requirements for storage rooms and vessels

Keep in original packaging, tightly closed. Storage rooms must be properly ventilated. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Storage class according to TRGS 510

Storage class according to TRGS 510 8A Combustible corrosive hazardous substances

7.3. Specific end use(s)

no data

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure limit values

Propan-2-ol

| | | | | |
|---------------------------|------|-------------------|-----|--------|
| List | EH40 | | | |
| Type | WEL | | | |
| Value | 999 | mg/m ³ | 400 | ppm(V) |
| Short term exposure limit | 1250 | mg/m ³ | 500 | ppm(V) |
| Status: | 2011 | | | |

2-(2-Butoxyethoxy)ethanol

| | | | | |
|---------------------------|-------|-------------------|----|--------|
| List | EH40 | | | |
| Type | WEL | | | |
| Value | 67.5 | mg/m ³ | 10 | ppm(V) |
| Short term exposure limit | 101.2 | mg/m ³ | 15 | ppm(V) |
| Status: | 2011 | | | |

Other information

There are not known any further control parameters.

8.2. Exposure controls

General protective and hygiene measures

Hold eye wash fountain available. Hold emergency shower available. Do not inhale gases/vapours/aerosols. Avoid contact with skin and eyes. Do not eat, drink or smoke during work time. Wash hands before breaks and after work. Clean skin thoroughly after work; apply skin cream.

Respiratory protection

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

Hand protection

| | | | |
|---------------------------|------------------------|------|-----|
| Chemical resistant gloves | | | |
| Use | Permanent hand contact | | |
| Appropriate Material | neoprene | | |
| Material thickness | >= | 0,65 | mm |
| Breakthrough time | > | 480 | min |
| Appropriate Material | nitrile | | |
| Material thickness | >= | 0,4 | mm |
| Breakthrough time | > | 480 | min |
| Appropriate Material | butyl | | |
| Material thickness | >= | 0,7 | mm |
| Breakthrough time | > | 480 | min |

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Use Short-term hand contact
Appropriate Material nitrile
Material thickness >= 0,11 mm

Eye protection

Safety glasses with side protection shield

Body protection

Clothing as usual in the chemical industry. Protective shoes

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|---|---|
| Form | liquid |
| Colour | light yellow |
| Odour | characteristic |
| Odour threshold | |
| Remarks | not determined |
| pH value | |
| Value | appr. 9,4 |
| Melting point | |
| Remarks | not determined |
| Freezing point | |
| Remarks | not determined |
| Initial boiling point and boiling range | |
| Remarks | not determined |
| Flash point | |
| Value | 39 °C |
| Remarks | Negative results are obtained in the sustained combustibility test (UN test L.2). |
| 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 | 0,98 g/cm ³ |
| Solubility in water | |
| Remarks | miscible in all proportions |
| Solubility(ies) | |
| Remarks | not determined |
| Partition coefficient: n-octanol/water | |
| Remarks | not determined |
| Ignition temperature | |

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Remarks not determined

Decomposition temperature

Remarks not determined

Viscosity

dynamic

Value < 50 mPa.s
Temperature 20 °C

Explosive properties

evaluation not determined

Oxidising properties

evaluation None known

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

No hazardous reactions known.

10.3. Possibility of hazardous reactions

No hazardous reactions known.

10.4. Conditions to avoid

No hazardous reactions known.

Decomposition temperature

Remarks not determined

10.5. Incompatible materials

None known

10.6. Hazardous decomposition products

Irritant gases/vapours

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute oral toxicity

Remarks not determined

Acute oral toxicity (Components)

laurylpropylene diamine

Species rat
LD50 200 mg/kg

Propan-2-ol

Species rat
LD50 5840 mg/kg
Method OECD 401

Acute dermal toxicity

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

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Acute dermal toxicity (Components)

Propan-2-ol

| | | | |
|---------|----------|--|-------|
| Species | rabbit | | |
| LD50 | 13900 | | mg/kg |
| Method | OECD 402 | | |

Acute inhalational toxicity

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

Acute inhalative toxicity (Components)

Propan-2-ol

| | | | |
|----------------------|----------|---|------|
| Species | rat | | |
| LC50 | > 25 | | mg/l |
| Duration of exposure | 6 | h | |
| Administration/Form | Vapors | | |
| Method | OECD 403 | | |

Skin corrosion/irritation

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

Serious eye damage/irritation

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

Sensitization

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

Subacute, subchronic, chronic toxicity

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

Mutagenicity

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

Reproductive toxicity

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

Carcinogenicity

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

Specific Target Organ Toxicity (STOT)

Remarks not determined

Aspiration hazard

No special hazards have to be mentioned.

Experience in practice

Inhalation may lead to irritation of the respiratory tract.

Other information

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

SECTION 12: Ecological information

12.1. Toxicity

General information

not determined

Fish toxicity (Components)

laurylpropylene diamine

| | | | |
|----------------------|--------------------------------|---|------|
| Species | zebra fish (Brachydanio rerio) | | |
| LC50 | 0,148 | | mg/l |
| Duration of exposure | 96 | h | |
| Method | OECD 203 | | |

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Daphnia toxicity (Components)

laurylpropylene diamine

| | | |
|----------------------|---------------|------|
| Species | Daphnia magna | |
| EC50 | 0,29 | mg/l |
| Duration of exposure | 21 | d |

laurylpropylene diamine

| | | |
|----------------------|---------------|------|
| Species | Daphnia magna | |
| NOEC | 0,032 | mg/l |
| Duration of exposure | 21 | d |
| Method | OECD 211 | |

Algae toxicity (Components)

laurylpropylene diamine

| | | |
|----------------------|----------|------|
| EC50 | 0,0652 | mg/l |
| Duration of exposure | 72 | h |
| Method | OECD 201 | |

Bacteria toxicity (Components)

laurylpropylene diamine

| | | |
|---------|------------------|------|
| Species | activated sludge | |
| EC50 | 68 | mg/l |

12.2. Persistence and degradability

General information

not determined

12.3. Bioaccumulative potential

General information

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

Evaluation of persistence and bioaccumulation potential

The product contains no PBT or vPvB substances.

12.6. Other adverse effects

General information

not determined

General information / ecology

Do not allow to enter soil, waterways or waste water canal. Avoid release into the atmosphere.

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

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carried out in agreement with the regional waste disposal company.

Disposal recommendations for packaging

Packaging that cannot be cleaned should be disposed off in agreement with the regional waste disposal company.

SECTION 14: Transport information

| | Land transport ADR/RID | Marine transport IMDG/GGVSee | Air transport ICAO/IATA |
|----------------------------------|--|--|--|
| 14.1. UN number | 1903 | 1903 | 1903 |
| 14.2. UN proper shipping name | DISINFECTANT, LIQUID, CORROSIVE, N.O.S. (laurylpropylene diamine, amphoteric surfactants) | DISINFECTANT, LIQUID, CORROSIVE, N.O.S. (laurylpropylene diamine, amphoteric surfactants) | DISINFECTANT, LIQUID, CORROSIVE, N.O.S. (laurylpropylene diamine, amphoteric surfactants) |
| 14.3. Transport hazard class(es) | 8 | 8 | 8 |
| Label |  |  |  |
| 14.4. Packing group | III | III | III |
| Limited Quantity | 5 l | | |
| Transport category | 3 | | |
| 14.5. Environmental hazards |  ENVIRONMENTALLY HAZARDOUS | Marine Pollutant  |  ENVIRONMENTALLY HAZARDOUS |
| Tunnel restriction code | E | | |
| IMDG-Code segregation group | | 0 Not applicable | |

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 Marpol and the IBC Code

Not applicable

SECTION 15: Regulatory information

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

Major-accident categories acc. 96/82/EC

| | | | | | | |
|----------|-----|---------------------------|---------|----|---------|----|
| Category | 9.1 | Dangerous for environment | 100.000 | kg | 200.000 | kg |
|----------|-----|---------------------------|---------|----|---------|----|

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Ingredients (Regulation (EC) No 648/2004)

5 % or over but less than 15 %:

amphoteric surfactants

less than 5 %:

non-ionic surfactants

Further ingredients

disinfectants, allergenic fragrances (>0,01% by weight): (R)-p-mentha-1,8-diene

Water Hazard Class (Germany)

Water Hazard Class (Germany) WGK 2

Remarks Classification according to Annex 4 VwVwS

VOC

| | | |
|----------|------|---|
| VOC (CH) | 28,8 | % |
| 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

Hazard statements listed in Chapter 3

| | |
|------|---|
| H225 | Highly flammable liquid and vapour. |
| H301 | Toxic if swallowed. |
| H302 | Harmful if swallowed. |
| H312 | Harmful in contact with skin. |
| H314 | Causes severe skin burns and eye damage. |
| H315 | Causes skin irritation. |
| H318 | Causes serious eye damage. |
| H319 | Causes serious eye irritation. |
| H336 | May cause drowsiness or dizziness. |
| H372 | Causes damage to organs through prolonged or repeated exposure: |
| H400 | Very toxic to aquatic life. |
| H410 | Very toxic to aquatic life with long lasting effects. |
| H412 | Harmful to aquatic life with long lasting effects. |

CLP categories listed in Chapter 3

| | |
|-------------------|--|
| Acute Tox. 3 | Acute toxicity, Category 3 |
| Acute Tox. 4 | Acute toxicity, Category 4 |
| Aquatic Acute 1 | Hazardous to the aquatic environment, acute, Category 1 |
| Aquatic Chronic 1 | Hazardous to the aquatic environment, chronic, Category 1 |
| Aquatic Chronic 3 | Hazardous to the aquatic environment, chronic, Category 3 |
| Eye Dam. 1 | Serious eye damage, Category 1 |
| Eye Irrit. 2 | Eye irritation, Category 2 |
| Flam. Liq. 2 | Flammable liquid, Category 2 |
| Skin Corr. 1B | Skin corrosion, Category 1B |
| Skin Irrit. 2 | Skin irritation, Category 2 |
| STOT RE 1 | Specific target organ toxicity - repeated exposure, Category 1 |
| STOT SE 3 | Specific target organ toxicity - single exposure, Category 3 |

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.

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