

# neodisher ProTech 5

Version: 2 / GB

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GB

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## 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)  
Aquatic Chronic 3 H412

### 2.2. Label elements

#### Labelling according to regulation (EC) No 1272/2008

##### Hazard statements

H412 Harmful to aquatic life with long lasting effects.

##### Precautionary statements

P273 Avoid release to the environment.  
Dispose only when container is empty and closed. For disposal of product residues, refer to Safety Data Sheet.

### 2.3. Other hazards

No special hazards have to be mentioned.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

#### Hazardous ingredients

##### fatty alcohols, alkoxyated

CAS No. 68439-51-0  
Concentration >= 25 < 50 %  
Classification (Regulation (EC) No. 1272/2008)

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## 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. In the event of symptoms take medical treatment.

#### After skin contact

In case of contact with skin wash off with warm water. Consult a doctor if skin irritation persists.

#### After eye contact

Separate eyelids, wash the eyes thoroughly with water (15 min.). In case of irritation consult an oculist.

#### After ingestion

Rinse out mouth and give plenty of water to drink.

#### 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

Product itself is non-combustible; adapt fire extinguishing measures to surrounding areas.

### 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

In case of combustion use a suitable breathing apparatus.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

Avoid contact with skin, eyes and clothing.

### 6.2. Environmental precautions

Do not allow to enter drains or waterways.

### 6.3. Methods and material for containment and cleaning up

Pick up with absorbent material. Clean contaminated floors and objects thoroughly, observing environmental regulations. Dispose of as prescribed.

### 6.4. Reference to other sections

Refer to protective measures listed in Sections 7 and 8.

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## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

#### Advice on protection against fire and explosion

No special measures required.

### 7.2. Conditions for safe storage, including any incompatibilities

#### Recommended storage temperature

Value > -15 °C

#### Requirements for storage rooms and vessels

Store product in closed containers.

#### Hints on storage assembly

Do not store together with foodstuffs.

#### Storage class according to TRGS 510

Storage class according to TRGS 510 12 Non-combustible liquids

#### Further information on storage conditions

Keep container tightly closed and dry.

### 7.3. Specific end use(s)

no data

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### Other information

Contains no substances with occupational exposure limit values.

### 8.2. Exposure controls

#### General protective and hygiene measures

Observe the usual precautions for handling chemicals.

#### Respiratory protection

Not necessary, but do not inhale vapours. If workplace limits are exceeded, a respiratory protection approved for this particular job must be worn.

#### Hand protection

Chemical resistant gloves (EN 374)

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

#### Eye protection

Safety glasses with side protection shield (EN 166)

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## Body protection

Not necessary.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

|   |                             |
|---|-----------------------------|
| <b>Form</b>   | liquid                      |
| <b>Odour</b>  | characteristic              |
| <b>Odour threshold</b>                              |                             |
| Remarks   | not determined              |
| <b>pH value</b>                                     |                             |
| Value   | appr. 6,3                   |
| Concentration/H <sub>2</sub> O                      | 1 %                         |
| <b>Melting point</b>                                |                             |
| Remarks   | not determined              |
| <b>Freezing point</b>                               |                             |
| Remarks   | not determined              |
| <b>Initial boiling point and boiling range</b>      |                             |
| Remarks   | not determined              |
| <b>Flash point</b>                                  |                             |
| Remarks   | Not applicable              |
| <b>Evaporation rate (ether = 1) :</b>               |                             |
| Remarks   | not determined              |
| <b>Flammability (solid, gas)</b>                    |                             |
| evaluation  | not determined              |
| <b>Upper/lower flammability or explosive limits</b> |                             |
| Remarks   | not determined              |
| <b>Vapour pressure</b>                              |                             |
| Remarks   | not determined              |
| <b>Vapour density</b>                               |                             |
| Remarks   | not determined              |
| <b>Density</b>                                      |                             |
| Value   | 1,01 g/cm <sup>3</sup>      |
| <b>Solubility in water</b>                          |                             |
| Remarks   | miscible in all proportions |
| <b>Solubility(ies)</b>                              |                             |
| Remarks   | not determined              |
| <b>Partition coefficient: n-octanol/water</b>       |                             |
| Remarks   | not determined              |
| <b>Ignition temperature</b>                         |                             |
| Remarks   | not determined              |
| <b>Decomposition temperature</b>                    |                             |
| Remarks   | not determined              |
| <b>Viscosity</b>                                    |                             |
| <b>dynamic</b>                                      |                             |
| Value   | < 100 mPa.s                 |

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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

No hazardous decomposition products known.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

#### Acute oral toxicity

|         |  |  |       |
|---------|--|--|-------|
| Species | rat  |  |       |
| LD50    | > 2000   |  | mg/kg |
| Method  | calculated value (Regulation (EC) No. 1272/2008) |  |       |

#### Acute oral toxicity (Components)

##### fatty alcohols, ethoxylated, propoxylated

|         |                 |  |       |
|---------|-----------------|--|-------|
| Species | rat             |  |       |
| LD50    | > 2000          |  | mg/kg |
| Method  | EEC 84/449, B.1 |  |       |

#### Acute dermal toxicity

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

#### Acute dermal toxicity (Components)

##### fatty alcohols, ethoxylated, propoxylated

|         |        |  |       |
|---------|--------|--|-------|
| Species | rat    |  |       |
| LD50    | > 5000 |  | mg/kg |

#### Acute inhalational toxicity

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

#### Skin corrosion/irritation

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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.

## 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)

##### fatty alcohols, alkoxyated

|        |          |    |    |      |
|--------|----------|----|----|------|
| LC50   | 1        | to | 10 | mg/l |
| Method | ISO 7346 |    |    |      |

#### Daphnia toxicity (Components)

##### fatty alcohols, ethoxylated, propoxylated

|                      |               |    |    |      |
|----------------------|---------------|----|----|------|
| Species              | Daphnia magna |    |    |      |
| EC50                 | 1             | to | 10 | mg/l |
| Duration of exposure | 48            | h  |    |      |
| Method               | OECD 202      |    |    |      |

#### Algae toxicity (Components)

##### fatty alcohols, ethoxylated, propoxylated

|                      |                         |    |    |      |
|----------------------|-------------------------|----|----|------|
| Species              | Scenedesmus subspicatus |    |    |      |
| EC50                 | 1                       | to | 10 | mg/l |
| Duration of exposure | 72                      | h  |    |      |
| Method               | OECD 201                |    |    |      |

#### Bacteria toxicity (Components)

##### fatty alcohols, alkoxyated

|         |                  |    |    |      |
|---------|------------------|----|----|------|
| Species | activated sludge |    |    |      |
| EC0     | 1                | to | 10 | mg/l |
| Method  | OECD 209         |    |    |      |

### 12.2. Persistence and degradability

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## 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

The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Do not discharge product unmonitored into the environment.

## 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

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   |
|------------------------|------------------------|---|---|
| <b>14.1. UN number</b> | Non-dangerous goods    | The product does not constitute a hazardous substance in sea transport. | The product does not constitute a hazardous substance in air transport. |

### 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

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## 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:

non-ionic surfactants

#### Water Hazard Class (Germany)

Water Hazard Class                      WGK 2

(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

#### Hazard statements listed in Chapter 3

H412    Harmful to aquatic life with long lasting effects.

#### CLP categories listed in Chapter 3

Aquatic Chronic 3                              Hazardous to the aquatic environment, chronic, 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.