

# neodisher TP rinse

Version: 2 / GB

Replaces Version: 1 /  
GB

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

### 1.1. Product identifier

neodisher TP rinse

### 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

##### citric acid, anhydrous

CAS No. 77-92-9  
EINECS no. 201-069-1  
Registration no. 01-2119457026-42

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Concentration  $\geq$  1 < 10 %  
Classification (Regulation (EC) No. 1272/2008)  
Eye Irrit. 2 H319

## acrylates copolymer

CAS No. 880345-00-6  
Concentration  $\geq$  1 < 10 %  
Classification (Regulation (EC) No. 1272/2008)  
Aquatic Chronic 2 H411

## 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

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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.

## 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 > 0 < 30 °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                  |      |     |

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|                      |                         |      |     |
|----------------------|-------------------------|------|-----|
| 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)

## Body protection

Not necessary.

## SECTION 9: Physical and chemical properties

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

|   |                             |                   |
|---|-----------------------------|-------------------|
| <b>Form</b>   | liquid                      |                   |
| <b>Colour</b>                                       | light yellow, clear         |                   |
| <b>Odour</b>  | characteristic              |                   |
| <b>Odour threshold</b>                              |                             |                   |
| Remarks   | not determined              |                   |
| <b>pH value</b>                                     |                             |                   |
| Value   | appr. 2,2                   |                   |
| <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   | 1,04                        | g/cm <sup>3</sup> |
| Temperature   | 20                          | °C                |
| <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              |                   |

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## Ignition temperature

Remarks not determined

## Decomposition temperature

Remarks not determined

## Viscosity

### dynamic

Value < 10 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

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)

##### citric acid, anhydrous

Species rat  
LD50 11700 mg/kg

##### citric acid, anhydrous

Species mouse  
LD50 5040 mg/kg

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## Acute dermal toxicity

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

## Acute inhalational toxicity

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

## 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.

## 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)

##### citric acid, anhydrous

|                      |                                       |    |     |      |
|----------------------|---------------------------------------|----|-----|------|
| Species              | golden orfe ( <i>Leuciscus idus</i> ) |    |     |      |
| LC50                 | 440                                   | to | 706 | mg/l |
| Duration of exposure | 96                                    | h  |     |      |

#### Daphnia toxicity (Components)

##### citric acid, anhydrous

|                      |               |   |  |      |
|----------------------|---------------|---|--|------|
| Species              | Daphnia magna |   |  |      |
| EC50                 | 120           |   |  | mg/l |
| Duration of exposure | 72            | h |  |      |

### 12.2. Persistence and degradability

#### General information

not determined

### 12.3. Bioaccumulative potential

#### General information

not determined

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**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 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

**SECTION 15: Regulatory information**

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

**Ingredients (Regulation (EC) No 648/2004)**

less than 5 %:

polycarboxylates

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## Further ingredients

preservation agents: A mixture of: 5-Chloro-2-methyl-2h-isothiazol-3-one [EC-no. 247-500-7] and 2-Methyl-2H-isothiazol-3-one [EC-no. 220-239-6] (3:1)

## 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

### Hazard statements listed in Chapter 3

H319                            Causes serious eye irritation.  
H411                            Toxic to aquatic life with long lasting effects.

### CLP categories listed in Chapter 3

Aquatic Chronic 2            Hazardous to the aquatic environment, chronic, Category 2  
Eye Irrit. 2                    Eye irritation, Category 2

### 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.