

# 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

#### Identified Uses

PC35                      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

Emergency telephone number: 112

## 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

For explanation of abbreviations see section 16.

### 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

The product contains no PBT or vPvB substances.

The product contains no PBT substances. The product contains no vPvB substances. This product does not contain a substance that has endocrine disrupting properties with respect to human. The product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

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## Hazardous ingredients

### Citric acid, anhydrous

|                                                |                  |   |    |   |      |
|------------------------------------------------|------------------|---|----|---|------|
| CAS No.                                        | 77-92-9          |   |    |   |      |
| EINECS no.                                     | 201-069-1        |   |    |   |      |
| Registration no.                               | 01-2119457026-42 |   |    |   |      |
| Concentration                                  | >= 1             | < | 10 | % |      |
| Classification (Regulation (EC) No. 1272/2008) | Eye Irrit. 2     |   |    |   | H319 |
|                                                | STOT SE 3        |   |    |   | H335 |

### acrylates copolymer

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

## Other information

Complete text of hazard statements in chapter 16

## 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.

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## 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 discharge into surface waters/groundwater.

### 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

Containers which are opened must be carefully resealed and kept upright to prevent leakage.

#### Hints on storage assembly

Do not store together with foodstuffs.

#### Storage classes

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

There are not known any further control parameters.

### 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.

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## 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 |  |
| Use                                      | Short-term hand contact |     |  |
| Appropriate Material                     | nitrile                 |     |  |
| Material thickness                       | >= 0,11                 | mm  |  |
| Hand protection must comply with EN 374. |                         |     |  |

## Eye protection

Safety glasses with side protection shield; Eye protection must comply with EN 166.

## Body protection

Not necessary.

## SECTION 9: Physical and chemical properties

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

|                                                                 |                     |
|-----------------------------------------------------------------|---------------------|
| <b>Physical state</b>                                           | liquid              |
| <b>Colour</b>                                                   | light yellow, clear |
| <b>Odour</b>                                                    | characteristic      |
| <b>Melting point</b>                                            |                     |
| Remarks                                                         | not determined      |
| <b>Freezing point</b>                                           |                     |
| Remarks                                                         | not determined      |
| <b>Boiling point or initial boiling point and boiling range</b> |                     |
| Remarks                                                         | not determined      |
| <b>Flammability</b>                                             |                     |
| evaluation                                                      | Not applicable      |
| <b>Upper and lower explosive limits</b>                         |                     |
| Remarks                                                         | Not applicable      |
| <b>Flash point</b>                                              |                     |
| Remarks                                                         | Not applicable      |
| <b>Ignition temperature</b>                                     |                     |
| Remarks                                                         | Not applicable      |
| <b>Decomposition temperature</b>                                |                     |
| Remarks                                                         |                     |
| Remarks                                                         | not determined      |
| <b>pH value</b>                                                 |                     |
| Value                                                           | appr. 2,2           |
| Temperature                                                     | 20 °C               |

## Viscosity

dynamic

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|             |   |    |    |       |
|-------------|---|----|----|-------|
| Value       | < | 10 |    | mPa.s |
| Temperature |   | 20 | °C |       |

## Solubility(ies)

Remarks not determined

## Partition coefficient n-octanol/water (log value)

Remarks not determined

## Vapour pressure

Remarks not determined

## Density and/or relative density

|             |  |      |    |                   |
|-------------|--|------|----|-------------------|
| Value       |  | 1,04 |    | g/cm <sup>3</sup> |
| Temperature |  | 20   | °C |                   |

## Relative vapour density

Remarks not determined

## 9.2. Other information

### Odour threshold

Remarks not determined

### Evaporation rate (ether = 1) :

Remarks not determined

### Solubility in water

Remarks miscible in all proportions

### Explosive properties

evaluation not determined

### Oxidising properties

evaluation None known

### 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.

### 10.5. Incompatible materials

None known

### 10.6. Hazardous decomposition products

No hazardous decomposition products known.

## SECTION 11: Toxicological information

### 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

#### Acute oral toxicity

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|         |                                                  |      |       |
|---------|--------------------------------------------------|------|-------|
| 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 |

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

## Aspiration hazard

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

## 11.2 Information on other hazards

### Endocrine disrupting properties with respect to humans

The product does not contain a substance that has endocrine disrupting properties with respect to humans.

### 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 (Leuciscus idus) |
|---------|------------------------------|

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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

### Partition coefficient n-octanol/water (log value)

Remarks not determined

## 12.4. Mobility in soil

### General information

not determined

## 12.5. Results of PBT and vPvB assessment

### Results of PBT and vPvB assessment

The product contains no PBT or vPvB substances.

## 12.6 Endocrine disrupting properties

### Endocrine disrupting properties with respect to the environment

The product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms.

## 12.7. 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

EWC waste code 18 01 06\* chemicals consisting of or containing dangerous substances  
EWC waste code 20 01 29\* detergents containing dangerous substances  
The listed waste code numbers, according to the European Waste Catalogue (EWC), are to be understood as a recommendation. A final decision must be made in agreement with the regional waste disposal company.

#### Disposal recommendations for packaging

EWC waste code 15 01 02 plastic packaging  
Completely emptied packagings can be given for recycling.  
EWC waste code 15 01 10\* packaging containing residues of or contaminated by dangerous substances  
Packaging that cannot be cleaned should be disposed off in agreement with the regional waste disposal

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company.

## SECTION 14: Transport information

|                                     | Land transport ADR/RID                                                   | Marine transport IMDG/GGVSee                                            | Air transport ICAO/IATA                                                 |
|-------------------------------------|--------------------------------------------------------------------------|-------------------------------------------------------------------------|-------------------------------------------------------------------------|
| <b>14.1. UN number or ID number</b> | 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. |

### Information for all modes of transport

#### 14.6. Special precautions for user

See Sections 6 to 8

### Other information

#### 14.7 Maritime transport in bulk according to IMO instruments

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

#### Further ingredients

preservation agents: reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-4-isothiazolin-3-one [EC no. 220-239-6] (3:1)

#### Water Hazard Class (Germany)

Water Hazard Class (Germany) WGK 1

Remarks Derivation of WGK according to Annex 1 No. 5.2 AwSV

#### 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

### Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

Classification (Regulation (EC) No. 1272/2008)  
Aquatic Chronic 3 H412

#### Hazard statements listed in Chapter 2/3

H319 Causes serious eye irritation.  
H335 May cause respiratory irritation.  
H411 Toxic to aquatic life with long lasting effects.  
H412 Harmful to aquatic life with long lasting effects.

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## CLP categories listed in Chapter 2/3

|                   |                                                              |
|-------------------|--------------------------------------------------------------|
| Aquatic Chronic 2 | Hazardous to the aquatic environment, chronic, Category 2    |
| Aquatic Chronic 3 | Hazardous to the aquatic environment, chronic, Category 3    |
| Eye Irrit. 2      | Eye irritation, Category 2                                   |
| STOT SE 3         | Specific target organ toxicity - single exposure, Category 3 |

## Abbreviations

ADR: Accord européen relatif au transport international des marchandises Dangereuses par Route  
RID: Règlement concernant le transport international ferroviaire de marchandises dangereuses  
IMDG: International Maritime Code for Dangerous Goods  
ICAO: International Civil Aviation Organization  
IATA: International Air Transport Association  
VOC: Volatile Organic Compound  
LD: Lethal dose  
LC: Lethal concentration  
PBT: Persistent, Bioaccumulative and Toxic  
vPvB: Very persistent and very bioaccumulative  
SVHC: Substances of very high concern  
UN: United Nations  
CAS: Chemical Abstracts Service  
OECD: Organisation for Economic Co-operation and Development  
GHS: Globally Harmonized System of classification and Labelling of Chemicals  
REACH: Registration, Evaluation, Autohorisation and Restriction of Chemicals  
MARPOL 73/78: International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978 (MARPOL: Marine Pollution)  
IBC: Intermediate Bulk Container  
ASTM: American Society for Testing And Materials  
TSCA: Toxic Substances Control Act (USA)  
WHO: World Health Organization  
IMO: International Maritime Organization  
IUCLID: International Uniform Chemical Information Database

## 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.