neodisher SBK

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

1.1. Product identifier
neodisher SBK

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)

Eye Irrit. 2  H319

2.2. Label elements

Labelling according to regulation (EC) No 1272/2008

Hazard pictograms

Signal word
Warning

Hazard statements
H319 Causes serious eye irritation.

Precautionary statements
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.
P337+P313 If eye irritation persists: Get medical advice/attention. 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

Hazardous ingredients

citric acid, anhydrous
   CAS No. 77-92-9
   EINECS no. 201-069-1
   Registration no. 01-2119457026-42
   Concentration >= 10 < 25 %
   Classification Xi, R36

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.

   After inhalation
   Ensure supply of fresh air. In the event of symptoms take medical treatment.

   After skin contact
   After contact with skin, wash immediately with plenty of water. Consult a doctor if skin irritation persists.

   After eye contact
   In case of contact with the eyes, rinse immediately for at least 15 minutes with plenty of water. In case of irritation consult an oculist.

   After ingestion
   Rinse mouth thoroughly with water.

   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
   Extinguishing measures to suit surroundings

   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.
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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
The product is not combustible.

7.2. Conditions for safe storage, including any incompatibilities
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 10-13 Other combustible and non-combustible substances TRGS 510

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
Hold eye wash fountain 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.

Hand protection
neodisher SBK

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Form</td>
<td>liquid</td>
</tr>
<tr>
<td>Colour</td>
<td>colourless</td>
</tr>
<tr>
<td>Odour</td>
<td>characteristic</td>
</tr>
<tr>
<td>Odour threshold Remarks</td>
<td>not determined</td>
</tr>
<tr>
<td>pH value Value</td>
<td>appr. 2</td>
</tr>
<tr>
<td>Melting point Remarks</td>
<td>not determined</td>
</tr>
<tr>
<td>Freezing point Remarks</td>
<td>not determined</td>
</tr>
<tr>
<td>Initial boiling point and boiling range Remarks</td>
<td>not determined</td>
</tr>
<tr>
<td>Flash point Remarks</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Evaporation rate (ether = 1) : Remarks</td>
<td>not determined</td>
</tr>
<tr>
<td>Flammability (solid, gas) evaluation</td>
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</tr>
<tr>
<td>Upper/lower flammability or explosive limits Remarks</td>
<td>not determined</td>
</tr>
<tr>
<td>Vapour pressure Remarks</td>
<td>not determined</td>
</tr>
<tr>
<td>Vapour density Remarks</td>
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</tr>
<tr>
<td>Density Value</td>
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</tr>
<tr>
<td>Solubility in water Remarks</td>
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</tr>
<tr>
<td>Solubility(ies) Remarks</td>
<td>not determined</td>
</tr>
<tr>
<td>Partition coefficient: n-octanol/water Remarks</td>
<td>not determined</td>
</tr>
<tr>
<td>Ignition temperature Remarks</td>
<td>not determined</td>
</tr>
</tbody>
</table>

Chemical resistant gloves (EN 374)
Appropriate Material neoprene
Appropriate Material butyl rubber
Appropriate Material nitrile

Eye protection
Safety glasses with side protection shield (EN 166)

Body protection
Clothing as usual in the chemical industry.
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Decomposition temperature
 Remarks not determined

Viscosity
 Remarks not determined

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
 Reactions with alkalies.

10.6. Hazardous decomposition products
 Irritant gases/vapours

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

Acute dermal toxicity
 Remarks not determined

Acute inhalational toxicity
### Remarks
- **Skin corrosion/irritation**
  - Remarks: not determined

- **Serious eye damage/irritation**
  - Remarks: not determined

- **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

- **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)**
- **citric acid, anhydrous**
  - Species: golden orfe (Leuciscus idus)
  - 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**
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. 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
      carried out in agreement with the regional waste disposal company.
   Disposal recommendations for packaging
      Packaging that cannot be cleaned should be disposed of in agreement with the regional waste disposal
      company.

SECTION 14: Transport information

Land transport ADR/RID
   Non-dangerous goods

Marine transport IMDG/GGV
   The product does not constitute a hazardous substance in sea transport.

Air transport ICAO/IATA
   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 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)
      less than 5 %:
         polycarboxylates
   Further ingredients
      preservation agents: Potassium sorbate, 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

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 mixture a chemical safety assessment has not been carried out.

**SECTION 16: Other information**

**R-phrases listed in Chapter 3**

36 Irritating to eyes.

**Hazard statements listed in Chapter 3**

H319 Causes serious eye irritation.

**CLP categories listed in Chapter 3**

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.