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

1.1. Product identifier
neodisher PreStop

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
This product is not classified hazardous in accordance with Regulation (EC) No 1272/2008.

2.2. Label elements
Labelling according to regulation (EC) No 1272/2008
Hazard statements
EUH210 Safety data sheet available on request.
EUH208 Contains N-(2-hydroxyethyl)-N-[2-[(1-oxooctyl)amino]ethyl-ß-alanine, 1,2-Benzisothiazol-3(2h)-one, May produce an allergic reaction.

2.3. Other hazards
No special hazards have to be mentioned.

SECTION 3: Composition/information on ingredients

3.2. Mixtures
Hazardous ingredients

N-(2-hydroxyethyl)-N-[2-[(1-oxooctyl)amino]ethyl-ß-alanine
CAS No. 64265-45-8
EINECS no. 264-761-2
Concentration < 1 %
Classification (Regulation (EC) No. 1272/2008)
Eye Irrit. 2 H319
Skin Sens. 1 H317
neodisher PreStop

Version: 1 / GB  Replaces Version: - / GB  Date revised: 12.07.2018  Print date: 12.07.18

1,2-Benzisothiazol-3(2h)-one
CAS No. 2634-33-5
EINECS no. 220-120-9
Concentration < 0,05 %
Classification (Regulation (EC) No. 1272/2008)
- Aquatic Acute 1 H400
- Skin Sens. 1 H317
- Acute Tox. 4 H302
- Skin Irrit. 2 H315
- Eye Dam. 1 H318

Concentration limits (Regulation (EC) No. 1272/2008)
- Skin Sens. 1 H317 >= 0,05

1,2,3-benzotriazole
CAS No. 95-14-7
EINECS no. 202-394-1
Registration no. 01-2119979079-20
Concentration < 1 %
Classification (Regulation (EC) No. 1272/2008)
- Acute Tox. 4 H302 Route of exposure: oral
- Eye Irrit. 2 H319
- 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
neodisher PreStop

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.

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 \[ \begin{array}{c} > 0 \end{array} \] < 25 \[ ^\circ \text{C} \]

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
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)

<table>
<thead>
<tr>
<th>Use</th>
<th>Appropriate Material</th>
<th>Material thickness</th>
<th>Breakthrough time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Permanent hand contact</td>
<td>neoprene</td>
<td>&gt;= 0,65 mm</td>
<td>&gt; 480 min</td>
</tr>
<tr>
<td></td>
<td>nitrile</td>
<td>&gt;= 0,4 mm</td>
<td>&gt; 480 min</td>
</tr>
<tr>
<td></td>
<td>butyl</td>
<td>&gt;= 0,7 mm</td>
<td>&gt; 480 min</td>
</tr>
</tbody>
</table>

Use
Short-term hand contact

<table>
<thead>
<tr>
<th>Appropriate Material</th>
<th>Material thickness</th>
<th>Breakthrough time</th>
</tr>
</thead>
<tbody>
<tr>
<td>nitrile</td>
<td>&gt;= 0,11 mm</td>
<td></td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Form</td>
<td>liquid, clear</td>
</tr>
<tr>
<td>Colour</td>
<td>slightly yellow to light brown</td>
</tr>
<tr>
<td>Odour</td>
<td>characteristic</td>
</tr>
<tr>
<td>Odour threshold</td>
<td>not determined</td>
</tr>
<tr>
<td>pH value</td>
<td>9,5</td>
</tr>
<tr>
<td>Melting point</td>
<td>20°C</td>
</tr>
<tr>
<td>Freezing point</td>
<td>not determined</td>
</tr>
<tr>
<td>Initial boiling point and boiling range</td>
<td>not determined</td>
</tr>
<tr>
<td>Flash point</td>
<td>not determined</td>
</tr>
<tr>
<td>Evaporation rate (ether = 1) :</td>
<td>not determined</td>
</tr>
</tbody>
</table>
Flammability (solid, gas)
  evaluation Not applicable

Upper/lower flammability or explosive limits
  Remarks not determined

Vapour pressure
  Remarks not determined

Vapour density
  Remarks not determined

Density
  Value 1,04 g/cm³
  Temperature 20 °C

Solubility in water
  Remarks miscible in all proportions

Solubility(ies)
  Remarks not determined

Partition coefficient: n-octanol/water
  Remarks not determined

Ignition temperature
  Remarks Not applicable

Auto-ignition temperature
  Remarks Not applicable

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
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 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)
N-(2-hydroxyethyl)-N-[2-[(1-oxooctyl)amino]ethyl-ß-alanine
Species  carp (Cyprinus carpio)
neodisher PreStop

LC50 > 100 mg/l
Duration of exposure 96 h
Method OECD 203

Daphnia toxicity (Components)
N-(2-hydroxyethyl)-N-[2-[(1-oxooctyl)amino]ethyl-ß-alanine
Species Daphnia magna
EC50 > 100 mg/l
Duration of exposure 96 h
Method OECD 202

Algae toxicity (Components)
N-(2-hydroxyethyl)-N-[2-[(1-oxooctyl)amino]ethyl-ß-alanine
ErC50 128 mg/l
Duration of exposure 72 h
Method OECD 201

Bacteria toxicity (Components)
N-(2-hydroxyethyl)-N-[2-[(1-oxooctyl)amino]ethyl-ß-alanine
Species activated sludge
EC50 198 mg/l
Duration of exposure 3 h
Method OECD 209

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 persistance 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

<table>
<thead>
<tr>
<th></th>
<th>Land transport ADR/RID</th>
<th>Marine transport IMDG/GGVSee</th>
<th>Air transport ICAO/IATA</th>
</tr>
</thead>
<tbody>
<tr>
<td>14.1. UN number</td>
<td>Non-dangerous goods</td>
<td>The product does not constitute a hazardous substance in sea transport.</td>
<td>The product does not constitute a hazardous substance in air transport.</td>
</tr>
</tbody>
</table>

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 %:
anionic surfactants, amphoteric surfactants
Further ingredients
enzymes, preservation agents: 1,2-Benzisothiazol-3(2h)-one, 3-iodo-2-propynyl butylcarbamate

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
H302 Harmful if swallowed.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.
H319 Causes serious eye irritation.
H400 Very toxic to aquatic life.
H411 Toxic to aquatic life with long lasting effects.
neodisher PreStop

Version: 1 / GB Replaces Version: - / GB Date revised: 12.07.2018 Print date: 12.07.18

CLP categories listed in Chapter 3

Acute Tox. 4          Acute toxicity, Category 4
Aquatic Acute 1       Hazardous to the aquatic environment, acute, Category 1
Aquatic Chronic 2     Hazardous to the aquatic environment, chronic, Category 2
Eye Dam. 1            Serious eye damage, Category 1
Eye Irrit. 2          Eye irritation, Category 2
Skin Irrit. 2         Skin irritation, Category 2
Skin Sens. 1          Skin sensitization, Category 1

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.