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

1.1 Product identifier

Trade name

Cleaning solution and protein remover, not ready to use

Order No. 0201-0004-001

1.2 Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses of the substance or mixture

Cleaning of the flowing system for Glucose- and Lactate analyzers:

BIOSEN, EBIO, ESAT, economic, SUPER GL, GL ambulance, GL easy, G, G1 and G2.

Uses advised against

No data available.

1.3 Details of the supplier of the safety data sheet

Address

EKF-diagnostic GmbH

Ebendorfer Chaussee 3

D-39179 Barleben

Telephone no. +49 (0)3 92 03 / 7 85 - 0

Fax no. +49 (0)3 92 03 / 7 85 - 16

Information provided by / telephone

EKF-diagnostic GmbH

Telefon: +49 (0)39203 / 785 - 0 (7 am - 4 pm on workdays)

Advice on Safety Data Sheet

support@ekf-diagnostic.de

1.4 Emergency telephone number

For medical advice (in German and English):

+49 (0)551 192 40 (Giftinformationszentrum Nord)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification in accordance with Regulation (EC) No 1272/2008 (CLP)

Eye Dam. 1; H318

Skin Irrit. 2; H315

Classification information

This product is assessed and classified using the methods and criteria below referred to in Article 9 of Regulation (EC) no 1272/2008:

Physical hazards: determined through assessment data based on the methods or standards referred to in part 2 of Annex I to CLP

Health hazards and environmental hazards: determined through toxicological and ecotoxicological assessment data based on the methods or standards referred to in Part 3, 4 and 5 of Annex I to CLP.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008 (CLP Regulation)

Hazard pictograms

GHS05

Signal word

Danger
Hazardous component(s) to be indicated on label:
Poly(oxy-1,2-ethanediyl) .alpha.-tridecyl-omega.-hydroxy-, branched

Hazard statements
H318 Causes serious eye damage.
H315 Causes skin irritation.

Hazard statements (EU)
EUH208 Contains 5-Chloro-2-methyl-2,3-dihydroisothiazol-3-one and 2-Methyl-2,3-dihydroisothiazol-3-one (3:1). May produce an allergic reaction.

Precautionary statements
P280 Wear protective gloves/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.
P310 Immediately call a POISON CENTER/doctor.
P302+P352 IF ON SKIN: Wash with plenty of soap and water.
P332+P313 If skin irritation occurs: Get medical advice/attention.
P501 Dispose of contents/container to an approved waste facility.

2.3 Other hazards
No data available.

SECTION 3: Composition/information on ingredients

3.1 Substances
Not applicable. The product is not a substance.

3.2 Mixtures
Chemical characterization
aqueous solution
### Hazardous ingredients

<table>
<thead>
<tr>
<th>No</th>
<th>Substance name</th>
<th>Classification (EC) 1272/2008 (CLP)</th>
<th>Concentration</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Alcohols, C12-14, ethoxylated</td>
<td></td>
<td>&gt;= 5.00 - &lt; 10.00 %</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Poly(oxy-1,2-ethanediyl), alpha-tridecyl-omega-hydroxy, branched</td>
<td></td>
<td>&gt;= 5.00 - &lt; 10.00 %</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>[(2-hydroxyethyl)imino]bis(methylene)bisphosphonic acid</td>
<td></td>
<td>&gt;= 1.00 - &lt; 5.00 %</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>Amphotenside</td>
<td></td>
<td>&gt; 1.00 - &lt;= 2.50 %</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>5-Chloro-2-methyl-2,3-dihydroisothiazol-3-one and 2-Methyl-2,3-dihydroisothiazol-3-one (3:1)</td>
<td></td>
<td>&lt; 0.0015</td>
<td>%</td>
</tr>
</tbody>
</table>

Full Text for all H-phrases and EUH-phrases: pls. see section 16

(*,**,***,****) Detailed explanation pls. refer to CLP regulation No. 1272/2008, annex VI, 1.2

### Other information

Ingredients according VO (EC) No. 648/2004:
- 5 % or over but less than 15 %: non-ionic surfactants
- less than 5 %: phosphonates, amphoric surfactants
- preservation agent: (Ethylenedioxy)dimethanol, Mixture of 5-Chloro-2-methyl-2H-isothiazol-3-on[EC No. 247-500-7] and 2-Methyl-2H-isothiazol-3-on[EC No. 220-239-6] 3:1

### SECTION 4: First aid measures

#### 4.1 Description of first aid measures

**General information**
In case of persisting adverse effects, consult a physician. Change contaminated, saturated clothing.

**After inhalation**
Ensure supply of fresh air.
After skin contact
Wash off immediately with soap and water.

After eye contact
Separate eyelids, wash the eyes thoroughly with water (15 min.). Seek medical assistance.

After ingestion
Rinse out mouth and give plenty of water to drink. Call a doctor.

4.2 Most important symptoms and effects, both acute and delayed
No data available.

4.3 Indication of any immediate medical attention and special treatment needed
No data available.

SECTION 5: Firefighting measures

5.1 Extinguishing media
Suitable extinguishing media
Extinguishing powder; Foam; Water spray jet; Carbon dioxide

Unsuitable extinguishing media
No data available.

5.2 Special hazards arising from the substance or mixture
When exposed to high temperatures may produce hazardous decomposition products such as carbon monoxide, carbon dioxide and smoke.

5.3 Advice for firefighters
Use self-contained breathing apparatus. Wear protective clothing. Fire residues and contaminated firefighting water must be disposed off in accordance with the local regulations.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures
For non-emergency personnel
Refer to protective measures listed in sections 7 and 8.

For emergency responders
No data available. Personal protective equipment (PPE) - see Section 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 (e.g., sand, sawdust, general-purpose binder). Send in suitable containers for recovery or disposal.

6.4 Reference to other sections
No data available.

SECTION 7: Handling and storage

7.1 Precautions for safe handling
Advice on safe handling
No special measures necessary.

General protective and hygiene measures
Do not eat, drink or smoke during work time. Keep away from foodstuffs and beverages. Remove soiled or soaked clothing immediately. Wash hands before breaks and after work. Avoid contact with eyes and skin.

Advice on protection against fire and explosion
No special measures necessary.
7.2 Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions
Keep container tightly closed in a well-ventilated place. Keep from freezing.

Requirements for storage rooms and vessels
Containers which are opened must be carefully closed and kept upright to prevent leakage. Always keep in containers of same material as the original one.

Advice on storage assembly
Do not store together with foodstuffs.

7.3 Specific end use(s)
No data available.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters
No parameters available for monitoring.

8.2 Exposure controls

Appropriate engineering controls
No data available.

Personal protective equipment

Respiratory protection
No special measures required.

Eye / face protection
Tightly fitting safety glasses (EN 166).

Hand protection
Sufficient protection is given wearing suitable protective gloves checked according to i.e. EN 374, in the event of risk of skin contact with the product. Before use, the protective gloves should be tested in any case for its specific work-station suitability (i.e. mechanical resistance, product compatibility and antistatic properties). Adhere to the manufacturer’s instructions and information relating to the use, storage, care and replacement of protective gloves. Protective gloves shall be replaced immediately when physically damaged or worn. Design operations thus to avoid permanent use of protective gloves.

Appropriate Material: nitrile rubber
Material thickness: 0.1 mm
Breakthrough time: > 480 min.

Other
Standard laboratory clothing.

Environmental exposure controls
No data available.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Form/Colour
liquid
light yellow

Odour
mild

Odour threshold
No data available

pH value
Value: 8
Reference temperature: 20 °C
### Boiling point / boiling range
| Value | 100 °C |

### Melting point / melting range
- Not determined

### Decomposition point / decomposition range
- No data available

### Flash point
- Not applicable

### Auto-ignition temperature
- Remarks: Product is not selfigniting.

### Oxidising properties
- No data available

### Explosive properties
- No data available

### Flammability (solid, gas)
- No data available

### Lower flammability or explosive limits
- No data available

### Upper flammability or explosive limits
- No data available

### Vapour pressure
- No data available

### Vapour density
- No data available

### Evaporation rate
- No data available

### Relative density
- No data available

### Density
| Value | 1.05 g/cm³ |
| Reference temperature | 20 °C |

### Solubility in water
- Remarks: Completely miscible

### Solubility(ies)
- No data available

### Partition coefficient: n-octanol/water
- No data available

### Viscosity
- No data available

9.2 Other information
- Other information
  - No data available.

### SECTION 10: Stability and reactivity

#### 10.1 Reactivity
Dangerous reactions are not expected if the product is handled according to its intended use.
10.2 Chemical stability
Stable under recommended storage and handling conditions (See section 7).

10.3 Possibility of hazardous reactions
None, if handled according to order.

10.4 Conditions to avoid
Heat

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

<table>
<thead>
<tr>
<th>Acute oral toxicity (result of the ATE calculation for the mixture)</th>
</tr>
</thead>
<tbody>
<tr>
<td>No</td>
</tr>
<tr>
<td>----</td>
</tr>
<tr>
<td>1</td>
</tr>
</tbody>
</table>

Remarks
The result of the applied calculation method according to the European Regulation (EC) 1272/2008 (CLP), Paragraph 3.1.3.6, Part 3 of Annex I is outside the values that imply a classification / labelling of this mixture according to table 3.1.1 defining the respective categories (ATE oral > 2000 mg/kg).

<table>
<thead>
<tr>
<th>Acute oral toxicity</th>
</tr>
</thead>
<tbody>
<tr>
<td>No</td>
</tr>
<tr>
<td>----</td>
</tr>
<tr>
<td>1</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>LD50</th>
<th>Species</th>
<th>Source</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>&gt;300 mg/kg bodyweight</td>
<td>rat</td>
<td>Supplier</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Acute dermal toxicity</th>
</tr>
</thead>
<tbody>
<tr>
<td>No</td>
</tr>
<tr>
<td>----</td>
</tr>
<tr>
<td>1</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Species</th>
<th>Method</th>
<th>Source</th>
<th>Evaluation</th>
</tr>
</thead>
<tbody>
<tr>
<td>rabbit</td>
<td>OECD 404</td>
<td>Supplier</td>
<td>corrosive</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Acute inhalational toxicity</th>
</tr>
</thead>
<tbody>
<tr>
<td>No</td>
</tr>
<tr>
<td>----</td>
</tr>
<tr>
<td>1</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Species</th>
<th>Method</th>
<th>Source</th>
<th>Evaluation</th>
</tr>
</thead>
<tbody>
<tr>
<td>rabbit</td>
<td>OECD 404</td>
<td>Supplier</td>
<td>irritant</td>
</tr>
</tbody>
</table>
Safety data sheet in accordance with 1907/2006/EC

Trade name: Cleaning solution and protein remover, not ready to use

Current version: 4.0.0, issued: 10.07.2015
Replaced version: 3.0.0, issued: -
Region: GB

### Serious eye damage/irritation

<table>
<thead>
<tr>
<th>No</th>
<th>Substance name</th>
<th>CAS no.</th>
<th>EC no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Alcohols, C12-14, ethoxylated</td>
<td>68439-50-9</td>
<td>500-213-3</td>
</tr>
<tr>
<td></td>
<td>Source</td>
<td>Supplier</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Evaluation</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Poly(oxy-1,2-ethanediyl), .alpha.-tridecyl-.omega.-hydroxy-, branched</td>
<td>69011-36-5</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>Species</td>
<td>rabbit</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Method</td>
<td>OECD 437</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Source</td>
<td>Supplier</td>
<td></td>
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<tr>
<td></td>
<td>Evaluation</td>
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<td></td>
</tr>
<tr>
<td>3</td>
<td>[(2-hydroxyethyl)imino]bis(methylene)bisphosphonic acid</td>
<td>5995-42-6</td>
<td>227-833-4</td>
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<td></td>
</tr>
<tr>
<td></td>
<td>Source</td>
<td>Supplier</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Evaluation</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>Amphotenside</td>
<td>100085-64-1</td>
<td>309-206-8</td>
</tr>
<tr>
<td></td>
<td>Species</td>
<td>rabbit</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Method</td>
<td>OECD 404</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Source</td>
<td>Supplier</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Evaluation</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Respiratory or skin sensitisation

No data available

### Germ cell mutagenicity

No data available

### Reproduction toxicity

No data available

### Carcinogenicity

No data available

### STOT-single exposure

No data available

### STOT-repeated exposure

No data available

### Aspiration hazard

No data available

### Delayed and immediate effects as well as chronic effects from short and long-term exposure

Irritating effects on the skin and mucous membrane. Danger of acute eye damage.

### Other information

The product was classified on the basis of the calculation procedure of the regulation (EC) No 1272/2008 (CLP).
### SECTION 12: Ecological information

#### 12.1 Toxicity

**Toxicity to fish (acute)**

<table>
<thead>
<tr>
<th>No.</th>
<th>Substance name</th>
<th>CAS no.</th>
<th>EC no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Alcohols, C12-14, ethoxylated</td>
<td>68439-50-9</td>
<td>500-213-3</td>
</tr>
<tr>
<td></td>
<td><strong>LC50</strong></td>
<td>&gt; 1 mg/l</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Duration of exposure</td>
<td>96 h</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Species</td>
<td>fish</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Source</td>
<td>Supplier</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Poly(oxy-1,2-ethanediyl), .alpha.-tridecyl-.omega.-hydroxy-, branched</td>
<td>69011-36-5</td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>LC50</strong></td>
<td>1 - 10 mg/l</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Duration of exposure</td>
<td>96 h</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Species</td>
<td>Cyprinus carpio</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Method</td>
<td>OECD 203</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Source</td>
<td>Supplier</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Amphotenside</td>
<td>100085-64-1</td>
<td>309-206-8</td>
</tr>
<tr>
<td></td>
<td><strong>LC50</strong></td>
<td>7.5 - 10 mg/l</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Duration of exposure</td>
<td>96 h</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Species</td>
<td>Oncorhynchus mykiss</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Method</td>
<td>OECD 203</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Source</td>
<td>Supplier</td>
<td></td>
</tr>
</tbody>
</table>

**Toxicity to fish (chronic)**

No data available

**Toxicity to Daphnia (acute)**

<table>
<thead>
<tr>
<th>No.</th>
<th>Substance name</th>
<th>CAS no.</th>
<th>EC no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Alcohols, C12-14, ethoxylated</td>
<td>68439-50-9</td>
<td>500-213-3</td>
</tr>
<tr>
<td></td>
<td><strong>EC50</strong></td>
<td>&gt; 1 mg/l</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Duration of exposure</td>
<td>48 h</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Species</td>
<td>Daphnia magna</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Source</td>
<td>Supplier</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Poly(oxy-1,2-ethanediyl), .alpha.-tridecyl-.omega.-hydroxy-, branched</td>
<td>69011-36-5</td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>EC50</strong></td>
<td>1 - 10 mg/l</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Duration of exposure</td>
<td>48 h</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Species</td>
<td>Daphnia magna</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Method</td>
<td>OECD 202</td>
<td></td>
</tr>
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<td></td>
<td>Source</td>
<td>Supplier</td>
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</tr>
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<td>3</td>
<td>Amphotenside</td>
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<td><strong>EC50</strong></td>
<td>2.2 mg/l</td>
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<tr>
<td></td>
<td>Duration of exposure</td>
<td>48 h</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Species</td>
<td>Daphnia magna</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Method</td>
<td>OECD 202</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Source</td>
<td>Supplier</td>
<td></td>
</tr>
</tbody>
</table>

**Toxicity to Daphnia (chronic)**

<table>
<thead>
<tr>
<th>No.</th>
<th>Substance name</th>
<th>CAS no.</th>
<th>EC no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Poly(oxy-1,2-ethanediyl), .alpha.-tridecyl-.omega.-hydroxy-, branched</td>
<td>69011-36-5</td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>NOEC</strong></td>
<td>2.5 mg/l</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Duration of exposure</td>
<td>21 day(s)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Species</td>
<td>Daphnia magna</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Source</td>
<td>Supplier</td>
<td></td>
</tr>
</tbody>
</table>
Toxicity to algae (acute)

<table>
<thead>
<tr>
<th>No</th>
<th>Substance name</th>
<th>CAS no.</th>
<th>EC no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Alcohols, C12-14, ethoxylated</td>
<td>68439-50-9</td>
<td>500-213-3</td>
</tr>
<tr>
<td></td>
<td>ErC50</td>
<td>&gt; 1 mg/l</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Duration of exposure</td>
<td>72 h</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Species</td>
<td>Scenedesmus capricornutum</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Source</td>
<td>Supplier</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>No</th>
<th>Substance name</th>
<th>CAS no.</th>
<th>EC no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>Poly(oxy-1,2-ethanediyl), .alpha.-tridecyl-.omega.-hydroxy-, branched</td>
<td>69011-36-5</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>EC50</td>
<td>1-10 mg/l</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Duration of exposure</td>
<td>72 h</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Species</td>
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</tr>
<tr>
<td></td>
<td>Method</td>
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<td></td>
</tr>
<tr>
<td></td>
<td>Source</td>
<td>Supplier</td>
<td></td>
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</table>

Toxicity to algae (chronic)

<table>
<thead>
<tr>
<th>No</th>
<th>Substance name</th>
<th>CAS no.</th>
<th>EC no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Alcohols, C12-14, ethoxylated</td>
<td>68439-50-9</td>
<td>500-213-3</td>
</tr>
<tr>
<td></td>
<td>NOEC</td>
<td>0.14 mg/l</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Species</td>
<td>Scenedesmus capricornutum</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Source</td>
<td>Supplier</td>
<td></td>
</tr>
</tbody>
</table>

Bacteria toxicity

No data available

12.2 Persistence and degradability

No data available.

12.3 Bioaccumulative potential

No data available.

12.4 Mobility in soil

No data available.

12.5 Results of PBT and vPvB assessment

No data available.

12.6 Other adverse effects

No data available.

12.7 Other information

Do not discharge into the drains or waters and do not store on public depositories.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product
Allocation of a waste code number, according to the European Waste Catalogue, should be carried out in agreement with the regional waste disposal company. Concentrate is not allowed to be disposed together with domestic waste. Concentrate is not allowed to be released into the sewerage.

Dispose of in accordance with local regulation.

Packaging
Contaminated packaging should be emptied as far as possible and after appropriate cleansing may be taken for reuse. Packaging that cannot be cleaned should be disposed of in agreement with the regional waste disposal company.

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SECTION 14: Transport information

14.1 Transport ADR/RID/ADN
The product is not subject to ADR/RID/ADN regulations.

14.2 Transport IMDG
The product is not subject to IMDG regulations.

14.3 Transport ICAO-TI / IATA
The product is not subject to ICAO-TI / IATA regulations.

14.4 Other information
No data available.

14.5 Environmental hazards
Information on environmental hazards, if relevant, please see 14.1 - 14.3.

14.6 Special precautions for user
No data available.

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code
Not relevant

SECTION 15: Regulatory information

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

EU regulations

Regulation (EC) No 1907/2006 (REACH) Annex XIV (List of substances subject to authorisation)
According to the data available and/or specifications supplied by upstream suppliers, this product does not contain any substances considered as substances requiring authorisation as listed on Annex XIV of the REACH regulation (EC) 1907/2006.

REACH candidate list of substances of very high concern (SVHC) for authorisation
According to available data and the information provided by preliminary suppliers, the product does not contain substances that are considered substances meeting the criteria for inclusion in annex XIV (List of Substances Subject to Authorisation) as laid down in Article 57 and article 59 of REACH (EC) 1907/2006.

The product is considered being subject to REACH regulation (EC) 1907/2006 annex XVII. No 3

Directive 2012/18/EU on the control of major-accident hazards involving dangerous substances
This product is not subject to Part 1 or 2 of Annex I.

Other regulations
Adhere to the national sanitary and occupational safety regulations when using this product.

15.2 Chemical safety assessment
Not required.

SECTION 16: Other information

Sources of key data used to compile the data sheet:
National Threshold Limit Values of the corresponding countries as amended in each case.
Transport regulations according to ADR, RID, IMDG, IATA as amended in each case.
The data sources used to determine physical, toxic and ecotoxic data, are indicated directly in the corresponding chapter.
Full text of the H- and EUH-phrases drawn up in sections 2 and 3 (provided not already drawn up in these sections)

H301 Toxic if swallowed.
H302 Harmful if swallowed.
H311 Toxic in contact with skin.
H314 Causes severe skin burns and eye damage.
H317 May cause an allergic skin reaction.
H319 Causes serious eye irritation.
H331 Toxic if inhaled.
H400 Very toxic to aquatic life.
H410 Very toxic to aquatic life with long lasting effects.
H412 Harmful to aquatic life with long lasting effects.

Department issuing safety data sheet
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This information is based on our present state of knowledge and experience. The security data sheet describes products with a view to the security requirements. However, it should not constitute a guarantee for any specific product properties and shall not establish a legally valid relationship.

Alterations/supplements:
Alterations to the previous edition are marked in the left-hand margin.

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