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

1.1. Product identifier
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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
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

Supplemental information
EUH210 Safety data sheet available on request.

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

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Hazardous ingredients
isotridecanol, ethoxylated
CAS No. 69011-36-5
Concentration >= 5 < 15 %
Classification (Regulation (EC) No. 1272/2008)
Acute Tox. 4 H302 Route of exposure: oral
Eye Dam. 1 H318
sodium alkylsulfonate
CAS No. 68188-18-1
EINECS no. 269-144-1
Registration no. 01-2119517577-32
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Concentration >= 1 < 5 %

Classification (Regulation (EC) No. 1272/2008)
- Eye Irrit. 2  H319
- Skin Irrit. 2  H315
- Acute Tox. 4  H302
- Aquatic Chronic 3  H412

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.

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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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 < 25 °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 10-13 Other combustible and non-combustible substances TRGS 510

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
Exposure limit values
Glycerol
List EH40
Type WEL
Value 10 mg/m³
Status: 2011

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
Use Permanent hand contact
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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

Form: liquid

Colour: yellow

Odour threshold
Remarks: not determined

pH value
Value: 8.5 to 9.0

Melting point
Remarks: not determined

Freezing point
Remarks: not determined

Initial boiling point and boiling range
Remarks: not determined

Flash point
Remarks: Not applicable

Evaporation rate (ether = 1)
Remarks: not determined

Flammability (solid, gas)
evaluation: not determined

Upper/lower flammability or explosive limits
Remarks: Not applicable

Vapour pressure
Remarks: not determined

Vapour density
Remarks: not determined

Density
Value: 1.06 g/cm³
Temperature: 20 °C

Solubility in water
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Version: 4 / GB
Replaces Version: 3 / GB
Date revised: 21.12.2018
Print date: 21.12.18

Remarks miscible in all proportions
Solubility(ies)
Remarks not determined
Partition coefficient: n-octanol/water
Remarks not determined
Ignition temperature
Remarks Not determined
Decomposition temperature
Remarks not determined
Viscosity

dynamic
Value < 50 mPa.s
Temperature 20 °C
Explosive properties
evaluation no
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)
Remarks Based on available data, the classification criteria are not met.
Acute oral toxicity (Components)
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isotridecanol, ethoxylated
Species rat
LD50 300 to 2000 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
evaluation slight irritant effect - does not require labelling
Source OECD 438

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.

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)

sodium alkylsulfonate
Species zebra fish (Brachydanio rerio)
LC50 1 to 10 mg/l
Duration of exposure 96 h

isotridecanol, ethoxylated
Species carp (Cyprinus carpio)
LC50 1 to 10 mg/l
Duration of exposure 96 h
Method OECD 203

Daphnia toxicity (Components)

sodium alkylsulfonate
Species Daphnia magna
EC50 9.81 mg/l
12.2. Persistence and degradability

General information
not determined

Biodegradability
Remarks The organic content of the product is biodegradable.

Biodegradability (Components)
isotridecanol, ethoxylated
evaluation Readily biodegradable (according to OECD criteria)
sodium alkylsulfonate
evaluation Readily biodegradable (according to OECD criteria)

Chemical oxygen demand (COD) (Components)
sodium alkylsulfonate
Value 1510 mg/g

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

Evaluation of persistence and bioaccumulation potential
The product contains no PBT or vPvB substances.

12.6. Other adverse effects
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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

<table>
<thead>
<tr>
<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>
</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)
5 % or over but less than 15 %:
non-ionic surfactants
less than 5 %:
anionic surfactants

Further ingredients
enzymes, preservation agents: 2-Octyl-2H-isothiazol-3-one, methylisothiazolinone

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
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Hazard statements listed in Chapter 3

- H302 Harmful if swallowed.
- H315 Causes skin irritation.
- H318 Causes serious eye damage.
- H319 Causes serious eye irritation.
- H412 Harmful to aquatic life with long lasting effects.

CLP categories listed in Chapter 3

- Acute Tox. 4 Acute toxicity, Category 4
- Aquatic Chronic 3 Hazardous to the aquatic environment, chronic, Category 3
- Eye Dam. 1 Serious eye damage, Category 1
- Eye Irrit. 2 Eye irritation, Category 2
- Skin Irrit. 2 Skin irritation, Category 2

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, Authorisation and Restriction of Chemicals

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.