Safety data sheet according to Regulation (EC) No 1907/2006, Annex II

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

1.1 Product identifier
COSMO PU-205.900 (Härter)

1.2 Relevant identified uses of the substance or mixture and uses advised against
Relevant identified uses of the substance or mixture:
Adhesive
Sector of use [SU]
SU22 - Professional uses: Public domain (administration, education, entertainment, services, craftsmen)
Uses advised against:
No information available at present.

1.3 Details of the supplier of the safety data sheet
Weiss Chemie + Technik GmbH & Co KG, Hansastrasse 2, 35708 Haiger, Germany
Phone:+49(0)2733/851-6, Fax:+49(0)2733/851-4, mobile: +49 (0) 700 / 24 112 112 (WIC)
msds@weiss-chemie.de, www.weiss-chemie.de
Qualified person’s e-mail address: info@chemical-check.de, k.schnurbusch@chemical-check.de. Please DO NOT use for requesting Safety Data Sheets.

1.4 Emergency telephone number
Emergency information services / official advisory body:
Telephone number of the company in case of emergencies:
+49 (0) 700 / 24 112 112 (WIC)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture
Classification according to Regulation (EC) 1272/2008 (CLP)

<table>
<thead>
<tr>
<th>Hazard class</th>
<th>Hazard category</th>
<th>Hazard statement</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute Tox.</td>
<td>4</td>
<td>H332-Harmful if inhaled.</td>
</tr>
<tr>
<td>Eye Irrit.</td>
<td>2</td>
<td>H339-Causes serious eye irritation.</td>
</tr>
<tr>
<td>STOT SE</td>
<td>3</td>
<td>H335-May cause respiratory irritation.</td>
</tr>
<tr>
<td>Skin Sens.</td>
<td>1</td>
<td>H317-May cause an allergic skin reaction.</td>
</tr>
</tbody>
</table>

2.2 Label elements
Labeling according to Regulation (EC) 1272/2008 (CLP)

STOT SE 3 H335-May cause respiratory irritation.
Eye Irrit. 2 H319-Causes serious eye irritation.
Skin Sens. 1 H317-May cause an allergic skin reaction.

SECTION 3: Composition/information on ingredients

3.1 Substance

3.2 Mixture

SECTION 4: First aid measures

4.1 Description of first aid measures
First aiders should ensure they are protected!
Never pour anything into the mouth of an unconscious person!

Inhalation
Remove person from danger area.
Supply person with fresh air and consult doctor according to symptoms.

Skin contact
Remove polluted, soaked clothing immediately, wash thoroughly with plenty of water and soap, in case of irritation of the skin (flare), consult a doctor.

Eye contact
Remove contact lenses.
Wash thoroughly for several minutes using copious water. Seek medical help if necessary.

Ingestion
Rinse the mouth thoroughly with water.
Give copious water to drink - consult doctor immediately.

4.2 Most important symptoms and effects, both acute and delayed
If applicable delayed symptoms and effects can be found in section 11 and the absorption route in section 4.1.

4.3 Indication of any immediate medical attention and special treatment needed
For substances that are listed in appendix VI, table 3.1 of the regulation (EC) no. 1272/2008 (CLP regulation) this means that all notes that may be given here for the named classification have been taken into account.

SECTION 5: Firefighting measures

5.1 Extinguishing media
Suitable extinguishing media
Adapt to the nature and extent of fire.
Water jet spray/foam/CO2/dry extinguisher

Unsuitable extinguishing media
None known

5.2 Special hazards arising from the substance or mixture
In case of fire and/or explosion do not breathe fumes.

5.3 Advice for firefighters
In case of fire and/or explosion do not breathe fumes.
Protective respirator with independent air supply.
According to size of fire
Distinct smell of the product.

5.4 Reference to other sections
For personal protective equipment see Section 8 and for disposal instructions see Section 13.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures
Keep non-essential personnel away.
Ensure sufficient supply of air.
Avoid inhalation, and contact with eyes or skin.

6.2 Environmental precautions
If leakage occurs, dam up.
Release leaks if this possible without risk.
Prevent from entering drainage system.
Prevent from entering drainage system.
Do not allow to enter into waterways, surface and ground water detention ponds.
In case of accidental entry into drainage system, inform responsible authorities.

6.3 Methods and material for containment and cleaning up
Stoak up with absorbent material (e.g. universal binding agent, sand, diatomaceous earth, sawdust) and dispose of according to Section 13.

6.4 Reference to other sections
For personal protective equipment see Section 8 and for disposal instructions see Section 13.

SECTION 7: Handling and storage

In addition to information given in this section, relevant information can also be found in section 8 and 6.1.

7.1 Precautions for safe handling
7.1.1 General recommendations
Ensure good ventilation.
Avoid inhalation of the vapours.
Avoid contact with eyes or skin.

7.1.2 Notes on general hygiene measures at the workplace
General hygiene measures for the handling of chemicals are applicable.

7.2 Conditions for safe storage, including any incompatibilities
Keep out of reach of unauthorised individuals.
Not to be stored in garages or stair wells.
Store product closed and only in original packaging.
Store in a dry place.

7.3 Specific end use(s)
No information available at present.
**SECTION 8: Exposure controls/personal protection**

### 8.1 Control parameters

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>2-ethyl-1-hexanol blocked 1,5-pentamethylene diisocyanate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Content</td>
<td>% (w/w)</td>
</tr>
<tr>
<td>WEL-TWA</td>
<td>0.1 mg/m³ (isocyanate groups)</td>
</tr>
<tr>
<td>WEL-STEL</td>
<td>0.01 mg/m³ (isocyanate groups)</td>
</tr>
</tbody>
</table>

#### Monitoring procedures:
- WEL-TWA: Use high performance liquid chromatography to determine all isocyanate groups in air using 2-(1-methoxyphenylpiperazine and fibre filters followed by solvent desorption or into impingers and analysis using high performance liquid chromatography) - 1999 ISO 16702 (Workplace air quality – determination of total isocyanate groups in air using 2-(1-methoxyphenylpiperazine and liquid chromatography) - 2001). |
- WEL-STEL: Use high performance liquid chromatography to determine all isocyanate groups in air using 2-(1-methoxyphenylpiperazine and fibre filters followed by solvent desorption or into impingers and analysis using high performance liquid chromatography) - 1999 ISO 16702 (Workplace air quality – determination of total isocyanate groups in air using 2-(1-methoxyphenylpiperazine and liquid chromatography) - 2001). |

#### Safety data sheet according to Regulation (EC) No 1907/2006, Annex II
- Long term, Exposure route / Silica, amorphous |
- Calcium carbonate |
- Calcium oxide |
- Dextrin, amorphous |
- Calcium carbonate |
- C12-18, ethoxylated, reaction products with 1,6-hexanediol and polyethylene-polypropylene glycol |
- Calcium carbonate |

### 8.2 Exposure controls

#### 8.2.1 Appropriate engineering controls

- Ensure good ventilation. This can be achieved by local suction or general air extraction.
- If this is insufficient to maintain the concentration under the WEL or AGW values, suitable breathing protection should be worn.

#### 8.2.2 Individual protection measures, such as personal protective equipment

- General hygiene measures for the handling of chemicals are applicable.
- Wash hands before and after work. Keep away from food, drink and animal feeding areas.
- Remove contaminated clothing and protective equipment before entering areas in which food is consumed.
- Eye/face protection: Wear eye protection when handling 
- Tight fitting protective gloves with side protection (EN 166).
- Skin protection: Hand protection, Chemical resistant protective gloves (EN 374), if applicable
- Protective gloves in rubber (EN 374)
- Safety goggles made of polycarbonate (EN 374)
- Minimum layer thickness in mm: 0.1
- Permeation time (penetration time) in minutes: 120

### 8.3 Notes

- The breakthrough times determined in accordance with ENV 1623-1 were not obtained under practical conditions.
- The recommended maximum wearing time is 50% of breakthrough time.
- Protective hand cream recommended.

### 8.4.4 Skin protection - Other:

- Protective working garments (e.g. safety shoes EN ISO 20345, long-sleeved protective working garments).

### 8.5 Respiratory protection

- Normally not necessary.

### 8.6 Thermal hazards:

- Not applicable.

### 8.7 Additional information on hand protection

- No tests have been performed.

### 8.8 Information about the contents

- Selection of materials derived from glove manufacturer's indications.
- In the case of mixtures, the selection has been made according to the knowledge available and the information about the contents.

### 8.10 Skin protection - Other:

- Protective working garments (e.g. safety shoes EN ISO 20345, long-sleeved protective working garments).

### 8.11 Notes

- In the case of mixtures, the resistance of glove materials cannot be predicted and must therefore be tested before use.

### 8.12 Notes

- The exact breakthrough time of the glove material can be requested from the protective glove manufacturer and must be observed.

### 8.13 Notes

- The breakthrough times determined in accordance with EN 1623-1 were not obtained under practical conditions.

### 8.14 Notes

- The recommended maximum wearing time is 50% of breakthrough time.
- Protective hand cream recommended.

### 8.15 Notes

- Protective working garments (e.g. safety shoes EN ISO 20345, long-sleeved protective working garments).

### 8.16 Notes

- Normally not necessary.

### 8.17 Notes

- Not applicable.

### 8.18 Notes

- Additional information on hand protection - No tests have been performed.

### 8.19 Notes

- In the case of mixtures, the selection has been made according to the knowledge available and the information about the contents.

### 8.20 Notes

- Selection of materials derived from glove manufacturer's indications.
- In the case of mixtures, the resistance of glove materials cannot be predicted and must therefore be tested before use.

### 8.21 Notes

- The exact breakthrough time of the glove material can be requested from the protective glove manufacturer and must be observed.

### 8.22 Notes

- The breakthrough times determined in accordance with EN 1623-1 were not obtained under practical conditions.
- The recommended maximum wearing time is 50% of breakthrough time.
- Protective hand cream recommended.

### 8.23 Notes

- Protective working garments (e.g. safety shoes EN ISO 20345, long-sleeved protective working garments).

### 8.24 Notes

- Normally not necessary.

### 8.25 Notes

- Not applicable.

### 8.26 Notes

- Additional information on hand protection - No tests have been performed.

### 8.27 Notes

- In the case of mixtures, the selection has been made according to the knowledge available and the information about the contents.

### 8.28 Notes

- Selection of materials derived from glove manufacturer's indications.
- In the case of mixtures, the resistance of glove materials cannot be predicted and must therefore be tested before use.

### 8.29 Notes

- The exact breakthrough time of the glove material can be requested from the protective glove manufacturer and must be observed.

### SECTION 9: Physical and chemical properties

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

- Physical state: | Paste (liquid) |
- Colour: | Light grey |
- Odour: | Characteristic |
- Odour threshold: | Not determined |
- pH-value: | Not determined |
- Solubility: |
- Melting point/freezing point: | Not determined |
- Initial boiling point and boiling range: | Not determined |
- Flash point: | Not determined |
- Evaporation rate: | Not determined |
- Flammability (solid, gas): | n.a. |
- Lower explosive limit: | Not determined |
- Upper explosive limit: | Not determined |
- Vapour pressure: | Not determined |
- Vapour density (air = 1): | 1.42 (g/cm³) |
- Bulk density: | n.a. |
- Solubility (solvent): | Not determined |
- Water solubility: | Not determined |
- Partition coefficient (o-octanol/water): | Not determined |
- Auto-ignition temperature: | Not determined |
- Decomposition temperature: | Not determined |
- Viscosity: | ~2600 mPa s |

#### 9.2 Other information

- Explosive properties: | Product is not explosive. |
- Oxidising properties: | No |

### SECTION 10: Stability and reactivity

#### 10.1 Reactivity

- The product has not been tested.

#### 10.2 Chemical stability

- Stable with proper storage and handling.

#### 10.3 Possibility of hazardous reactions

- No dangerous reactions are known.

#### 10.4 Conditions to avoid

- See also section 7.
- Moisture

#### 10.5 Incompatible materials

- See also section 7.
- Amines
- Alcohols
- Water

#### 10.6 Hazardous decomposition products

- See also section 5.2
- No decomposition when used as directed.

### SECTION 11: Toxicological information

#### 11.1 Information on toxicological effects

- Possibly more information on health effects, see Section 2.1 (classification).
### Safety data sheet according to Regulation (EC) No 1907/2006, Annex II

Reproduction / Development Hazards:

- Reproduction: No effects indicated. No NOEL indicated.
- Development: No effects indicated. No NOEL indicated.

### Skin 
- Skin corrosion/irritation: Not irritant (skin contact).
- Skin sensitisation: No indications of such an effect.

### Inhalation: 
- Respiratory or skin sensitisation: No indications of such an effect.

### Eyes:
- eyes sensitisation: No indications of such an effect.
- Eye irritation: No indications of such an effect.

### Water / soil:
- No significant bioaccumulative potential. No persistence.

### PBT and vPvB:
- Persistence: No.
- Bioaccumulative: No.
- Toxicity: No.

## SECTION 12: Ecological information

Possibly more information on environmental effects, see Section 2.1 (classification).

<table>
<thead>
<tr>
<th>Chemical, toxicological, reaction products with 1,6-dioxyanethane and polyethylene-polypropylene glycol</th>
<th>Toxicity / effect</th>
<th>Endpoint</th>
<th>Value</th>
<th>Unit</th>
<th>Organism</th>
<th>Test method</th>
<th>Notes</th>
</tr>
</thead>
</table>
| Acute toxicity, by oral route: | LD50 | < 2000 | mg/kg | Rat | OECD 423 (Acute Oral Toxicity - Fixed Dose Procedure) | Not irritant | No significant effects indicated. No NOEL indicated.
- Skin corrosion/irritation: No indications of such an effect.
- Skin sensitisation: No indications of such an effect.

<table>
<thead>
<tr>
<th>Calcium carbonate</th>
<th>Toxicity / effect</th>
<th>Endpoint</th>
<th>Value</th>
<th>Unit</th>
<th>Organism</th>
<th>Test method</th>
<th>Notes</th>
</tr>
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</table>
| Acute toxicity, by oral route: | LD50 | < 2000 | mg/kg | Rat | OECD 423 (Acute Oral Toxicity - Fixed Dose Procedure) | Not irritant | No significant effects indicated. No NOEL indicated.
- Skin corrosion/irritation: No indications of such an effect.
- Skin sensitisation: No indications of such an effect.

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<tr>
<th>Organism</th>
<th>Toxicity / effect</th>
<th>Endpoint</th>
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<th>Unit</th>
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<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mouse</td>
<td>Sensitisation - Local Lymph Node Assay</td>
<td>OECD 444</td>
<td>(Bacterial Reverse Mutation Test)</td>
<td>Negative</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
- Derm cell mutagenicity: No indications of such an effect.
- Skin corrosion/irritation: No indications of such an effect.
- Skin sensitisation: No indications of such an effect.

<table>
<thead>
<tr>
<th>Organism</th>
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<th>Unit</th>
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<tbody>
<tr>
<td>Bacterial Reverse Mutation Test</td>
<td>OECD 473 (In Vivo Mammalian Chromosome Aberration Test)</td>
<td>Negative</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
- Specific target organ toxicity - single exposure (STOT - SE): No indications of such an effect.
- Specific target organ toxicity - repeated exposure (STOT - RE): No indications of such an effect.

<table>
<thead>
<tr>
<th>Organism</th>
<th>Toxicity / effect</th>
<th>Endpoint</th>
<th>Value</th>
<th>Unit</th>
<th>Test method</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mammalian cell Gene Mutation Test</td>
<td>OECD 474 (In Vivo Mammalian Cell Gene Mutation Test)</td>
<td>Negative</td>
<td></td>
<td></td>
<td></td>
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<tbody>
<tr>
<td>Human Skin Epidermis Test</td>
<td>OECD 439 (In Vitro Skin Sensitisation - Local Lymph Node Assay)</td>
<td>Negative</td>
<td></td>
<td></td>
<td></td>
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<th>Unit</th>
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<th>Notes</th>
</tr>
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</table>
| Human Eye Test Method | OECD 430 (In Vitro Eye Irritation) | No indications of such an effect.
- Specific target organ toxicity - single exposure (STOT - SE): No indications of such an effect.
- Specific target organ toxicity - repeated exposure (STOT - RE): No indications of such an effect.

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</table>
| Human Eye Test Method | OECD 440 (Acute Eye Irritation/Corrosion Test) | No indications of such an effect.
- Specific target organ toxicity - single exposure (STOT - SE): No indications of such an effect.
- Specific target organ toxicity - repeated exposure (STOT - RE): No indications of such an effect.

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</table>
| Human Reconstructed Skin 2 in vitro Eye Irrit. Test | OECD 451 (Bacterial Reversal Mutagenicity Test) | No indications of such an effect.
- Specific target organ toxicity - single exposure (STOT - SE): No indications of such an effect.
- Specific target organ toxicity - repeated exposure (STOT - RE): No indications of such an effect.

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<th>Unit</th>
<th>Test method</th>
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</table>
| Local Lymph Node Assay | OECD 442 (Combined Repeated Dose Toxicity Study with the Reversed Absorption Test) | No indications of such an effect.
- Specific target organ toxicity - single exposure (STOT - SE): No indications of such an effect.
- Specific target organ toxicity - repeated exposure (STOT - RE): No indications of such an effect.

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Calcium carbonate

### Toxicity / effect

<table>
<thead>
<tr>
<th>Endpoint</th>
<th>Time</th>
<th>Value</th>
<th>Unit</th>
<th>Organism</th>
<th>Test method</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>12.1. Toxicity to fish:</td>
<td>EC50</td>
<td>3h</td>
<td>mg/l</td>
<td>Daphnia magna</td>
<td>OECD 202 (Gamma sp. Acute Immobilisation Test)</td>
<td>No observation with saturated solution of test material.</td>
</tr>
<tr>
<td>12.1. Toxicity to daphnia:</td>
<td>EC50</td>
<td>48h</td>
<td>mg/l</td>
<td>Daphnia magna</td>
<td>OECD 202 (Gamm sp. Acute Immobilisation Test)</td>
<td>No observation with saturated solution of test material.</td>
</tr>
<tr>
<td>12.1. Toxicity to algae:</td>
<td>EC50</td>
<td>72h</td>
<td>mg/l</td>
<td>Desmodesmus subspicatus</td>
<td>OECD 201 (Algae, Growth Inhibition Test)</td>
<td>No relevant for inorganic substances.</td>
</tr>
<tr>
<td>12.1. Toxicity to algae:</td>
<td>NOEC/N</td>
<td>21d</td>
<td>mg/l</td>
<td>Desmodesmus subspicatus</td>
<td>OECD 201 (Algae, Growth Inhibition Test)</td>
<td>Not to be expected.</td>
</tr>
</tbody>
</table>

### Water solubility:

<table>
<thead>
<tr>
<th>Endpoint</th>
<th>Time</th>
<th>Value</th>
<th>Unit</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water solubility:</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Other information:

- With water at the interface, transforms slowly with formation of CO2 into a firm, insoluble reaction product with a high melting point (poly carbonate melt).
- According to experience available to date, poly carbonate is inert and non-degradable.

### 2-ethyl-1-hexanol blocked 1-pentamethylene diisocyanate homopolymer

<table>
<thead>
<tr>
<th>Toxicity / effect</th>
<th>Endpoint</th>
<th>Time</th>
<th>Value</th>
<th>Unit</th>
<th>Organism</th>
<th>Test method</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>12.3. Persistence and degradability:</td>
<td>EC50</td>
<td>28d</td>
<td>&gt;10</td>
<td>mg/l</td>
<td>Daphnia magna</td>
<td>OECD 202 (Gamma sp. Acute Immobilisation Test)</td>
<td>No observation with saturated solution of test material.</td>
</tr>
<tr>
<td>12.3. Persistence and degradability:</td>
<td>NOEC/N</td>
<td>28d</td>
<td>&gt;10</td>
<td>mg/l</td>
<td>Desmodesmus subspicatus</td>
<td>OECD 201 (Algae, Growth Inhibition Test)</td>
<td>No relevant for inorganic substances.</td>
</tr>
</tbody>
</table>

### Other information:

- With water at the interface, transforms slowly with formation of CO2 into a firm, insoluble reaction product with a high melting point (poly carbonate melt).
- According to experience available to date, poly carbonate is inert and non-degradable.

### Calcium carbonate

- With water at the interface, transforms slowly with formation of CO2 into a firm, insoluble reaction product with a high melting point (poly carbonate melt).
- According to experience available to date, poly carbonate is inert and non-degradable.

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#### 2-ethyl-1-hexanol blocked 1-pentamethylene diisocyanate homopolymer

- **Water solubility:**
  - EC50: 28d | >10 | mg/l | Daphnia magna | OECD 202 (Gamm sp. Acute Immobilisation Test) | No observation with saturated solution of test material. |
  - NOEC/N: 28d | >10 | mg/l | Desmodesmus subspicatus | OECD 201 (Algae, Growth Inhibition Test) | No relevant for inorganic substances. |
SECTION 13: Disposal considerations

13.1 Waste treatment methods
For the substance / mixture / residual amounts
EC disposal code no:
The waste codes are recommendations based on the scheduled use of this product.
Owing to the user's specific conditions for use and disposal, other waste codes may be allocated under certain circumstances.
08 04 09 waste adhesives and sealants containing organic solvents or other hazardous substances
Recommendation:
Sewage disposal shall be discouraged.
Pay attention to local and national official regulations.
E. g. suitable incineration plant.
E. g. dispose at suitable refuse site.
For contaminated packing material
Pay attention to local and national official regulations.
Empty container completely.
Untreated packaging can be recycled.
Dispose of packaging that cannot be cleaned in the same manner as the substance.

SECTION 14: Transport information

General statements
4.1. UN number:
n. a.
Transport by road / rail (ADR/RID)
4.2. UN (proper) shipping name:
4.3. Transport hazard class(es):
n. a.
4.4. Packing group:
Classification code:
LC:
n. a.
4.5. Environmental hazards:
Not applicable
Tunnel restriction code:

Transport by sea (IMDG-code)
4.2. UN (proper) shipping name:
4.3. Transport hazard class(es):
n. a.
4.4. Packing group:
Marine Pollutant:
n. a.
4.5. Environmental hazards:
Not applicable

Transport by air (IATA)
4.2. UN (proper) shipping name:
4.3. Transport hazard class(es):
n. a.
4.4. Packing group:
4.5. Environmental hazards:
Not applicable

14.6. Special precautions for user
Unless specified otherwise, general measures for safe transport must be followed.

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code
Non-dangerous material according to Transport Regulations.

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
Observe restrictions:
Comply with any association/occupational health regulations.
Directive 2010/75/EU (VOC)
0 %

15.2 Chemical safety assessment
A chemical safety assessment is not provided for mixtures.

SECTION 16: Other information

Revised sections:
n. a.
These details refer to the product as it is delivered.
Employee instruction / training in handling hazardous materials is required.
Classification and processes used to derive the classification of the mixture in accordance with the ordinance (EG) 1272/2008 (CLP):

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

Evaluation method used
Acute Tox. 4, H332
Classification according to calculation procedure.
Eye Irrit. 2, H319
Classification according to calculation procedure.
STOT SE 3, H335
Classification according to calculation procedure.
Skin Sens. 1, H317
Classification according to calculation procedure.

The following phrases represent the posted Hazard Class and Risk Category Code (GHS/CLP) of the product and the constituents (specified in Section 2 and 3):
H117 May cause an allergic skin reaction.
H319 Causes serious eye irritation.
H332 Harmful if inhaled.
H317 May cause respiratory irritation.

Any abbreviations and acronyms used in this document:

AC Article Categories
ac. ac. according to
ACGIH American Conference of Governmental Industrial Hygienists
ADR Accord européen relatif au transport international des marchandises Dangereuses par Route (= European Agreement concerning the International Carriage of Dangerous Goods by Road)
AOEL Acceptable Operator Exposure Level
AOX Adsorbable organic halogen compounds
approx. approximately
Art. no. Article number
ATE Acute Toxicity Estimate according to Regulation (EC) 1272/2008 (CLP)
BAM Bundesanstalt für Materialforschung und -prüfung (Federal Institute for Materials Research and Testing, Germany)
BAuA Bundesanstalt für Arbeitsschutz und Arbeitsmedizin (= Federal Agency for Occupational Health and Safety, Germany)
BCE Bioconcentration factor
BDG Berufsgenossenschaftliche Vorschrift (¼ Accident Prevention Regulation)
BHT Butylhydroxytoluene (= 2,6-di-4-butyl-4-methyl-phenol)
BMGV Biological monitoring guidance value (EH40, UK)
BOD Biochemical oxygen demand
BSFEP Bromine Science and Environmental Forum
bw body weight
CAS Chemical Abstracts Service
CEC Coordinating European Council for the Development of Performance Tests for Fuels, Lubricants and Other Fluids
CESEID Comité Européen des Agents de Surface et de leurs Intermédiaires Organiques
CPCAG Collaborative International Pesticides Analytical Council
GHS Global Harmonised System of Classification and Labelling of Chemicals
GWP Global warming potential
HET-CAM Hare's Egg Test - Chorionallantoic Membrane
HGW P Halocarbon Global Warming Potential
IARC International Agency for Research on Cancer
IC Inhibitory concentration
IMDG-code International Maritime Code for Dangerous Goods
IND incl. including
INCL International Uniform Chemical Information Database
LC lethal concentration
LD lethal concentration
LD₅₀ lowest published lethal concentration
LD₆₀ Lethal Dose of a chemical
LD₅₀ Lethal Dose, 50% kill
LD₆₀ Lethal Dose Low
LOAEL Lowest Observed Adverse Effect Level
LOEIC Lowest Observed Effect Concentration
LOEL Lowest Observed Effect Level
LQ Limited Quantities
MARPOL International Convention for the Prevention of Marine Pollution from Ships
n. a. not applicable
n. a. not available
n. c. not checked
n. d. not available
MOEST Ministry of the Environment, Science and Technology (Taiwan)
MSDS Material Safety Data Sheet
NAEIC No Adverse Effect Concentration
NPD No PBT Persistent, bioaccumulative and toxic
PBT Persistent, bioaccumulative and toxic
PC Chemical product category
PE Polyethylene
PPC Predicted No Effect Concentration
POCP Photochemical ozone creation potential
PNEC Predicted No Effect Concentration
PNCs Predicted No Effect Concentration
POEC Predicted No Effect Concentration
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The statements made here should describe the product with regard to the necessary safety precautions - they are not meant to guarantee definite characteristics - but they are based on our present up-to-date knowledge.

No responsibility.

These statements were made by:

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