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

1.1 Product identifier
Washing machine powder jd4

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

1.3 Details of the supplier of the safety data sheet
Supplier (manufacturer/importer/only representative/downstream user/distributor)
Premiere Produkter
Austbosletta 6
4085 Hundvag
Stavanger
Norway
+47 51 858300
post@premiere-produkter.no

1.4 Emergency telephone number
Poison central tlf: (+47) 22 59 13 00
WEB: http://www.helsedirektoratet.no/giftinfo

http://apps.who.int/poisoncentres

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture
Classification according to Regulation (EC) No. 1272/2008 [CLP]
Eye Dam. 1 ; H318 - Serious eye damage/eye irritation : Category 1 ; Causes serious eye damage.
Skin Irrit. 2 ; H315 - Skin corrosion/irritation : Category 2 ; Causes skin irritation.
STOT SE 3 ; H335 - STOT-single exposure : Category 3 ; May cause respiratory irritation.

2.2 Label elements
Labelling according to Regulation (EC) No. 1272/2008 [CLP]
Hazard pictograms

Corrosion (GHS05) · Exclamation mark (GHS07)

Signal word
Danger

Hazard components for labelling
SODIUM METASILICATE, PENTAHYDRATE ; CAS No. : 10213-79-3

Hazard statements
H318 Causes serious eye damage.
H315 Causes skin irritation.
H335 May cause respiratory irritation.

Precautionary statements
P102 Keep out of reach of children.
P103 Read label before use.
P264 Wash hands thoroughly after handling.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P332+P313 If skin irritation occurs: Get medical advice/attention.
P337+P313 If eye irritation persists: Get medical advice/attention.
P321 Specific treatment (see on this label).
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P302+P352 IF ON SKIN: Wash with plenty of water.
P362 Take off contaminated clothing.

2.3 Other hazards
None

SECTION 3: Composition / information on ingredients

3.2 Mixtures
Hazardous ingredients
SODIUM CARBONATE ; REACH registration No. : 01-2119485498-19-xxxx ; EC No. : 207-838-8; CAS No. : 497-19-8
Weight fraction : > 30 %
Classification 1272/2008 [CLP] : Eye Irrit. 2 ; H319
SODIUM METASILICATE, PENTAHYDRATE ; REACH registration No. : 01-211949811-37-xxxx ; EC No. : 229-912-9; CAS No. : 10213-79-3
Weight fraction : ≥ 15 - < 20 %
Classification 1272/2008 [CLP] : Skin Corr. 1B ; H314 Eye Dam. 1 ; H318 STOT SE 3 ; H335
SODIUM PERCARBONATE ; REACH registration No. : 01-2119457268-30-0 ; EC No. : 239-707-6; CAS No. : 15630-89-4
Weight fraction : ≥ 10 - < 15 %
Classification 1272/2008 [CLP] : Ox. Sol. 3 ; H272 Eye Dam. 1 ; H318 Acute Tox. 4 ; H302
SILICIC ACID, SODIUM SALT ; REACH registration No. : 01-2119449811-37-xxxx ; EC No. : 215-687-4; CAS No. : 1344-09-8
Weight fraction : ≥ 3 - < 5 %
Classification 1272/2008 [CLP] : Eye Dam. 1 ; H318 Skin Irrit. 2 ; H315 STOT SE 3 ; H335

Additional information
Full text of H- and EUH-phrases: see section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures
When in doubt or if symptoms are observed, get medical advice.
Following inhalation
Remove victim out of the danger area. Symptoms may develop several hours following exposure; medical observation therefore necessary for at least 48 hours.
In case of skin contact
Wash immediately with: Water Remove contaminated, saturated clothing immediately. In case of skin irritation, consult a physician. In case of skin reactions, consult a physician.
After eye contact
After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time, then consult an ophthalmologist immediately.
After ingestion
Rinse your mouth and drink lots of water. Do not induce vomiting unless authorized by a doctor, show the safety data sheet.
Never give anything by mouth to an unconscious person or cramps.
4.2 **Most important symptoms and effects, both acute and delayed**

Inhalation: May cause irritation of the nose, throat and lungs. In case of higher concentrations: Coughing
Repetead or prolonged exposure: Risk of sore throat, bleeding from the nose.
Skin contact: Prolonged contact with the skin can cause irritation.
Eye contact: Severe eye irritation
Symptoms: Redness, tearing, swelling of tissue
Ingestion: Severe irritation
Symptoms: Nausea, abdominal pain, vomiting, diarrhea

4.3 **Indication of any immediate medical attention and special treatment needed**
None

**SECTION 5: Firefighting measures**

5.1 **Extinguishing media**

Suitable extinguishing media
Extinguishing Media: Water, foam, dry chemical and water fog.

5.2 **Special hazards arising from the substance or mixture**

Do not inhale explosion and combustion. In case of fire can be released: Carbon oxides; Sodium oxides; Sulphur dioxide (SO2).

5.3 **Advice for firefighters**

Special protective equipment for firefighters
Use a breathing apparatus. Wear fully protective suit. Do not breathe fumes from the fire.

5.4 **Additional information**
Move out of dangerous unprotected persons and unauthorized. Issue staff of the emergency protective clothing and breathing apparatus (SCBA) with a full face with forced ventilation. In case of fire or overheating may cause a rise in pressure and may explode.

**SECTION 6: Accidental release measures**

6.1 **Personal precautions, protective equipment and emergency procedures**

Clear spills immediately. Wear a self-contained breathing apparatus and chemical protective clothing. Wear a self-contained breathing apparatus and chemical protective clothing.

**For non-emergency personnel**
Remove persons to safety.

6.2 **Environmental precautions**
Do not allow to enter into surface water or drains. In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

6.3 **Methods and material for containment and cleaning up**

**For containment**
Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Collect in closed and suitable containers for disposal.

**For cleaning up**
The contaminated area should be cleaned up immediately with: Water Retain contaminated washing water and dispose it.

**Other information**
Avoid generation of dust.

6.4 **Reference to other sections**
Safe handling: see section 7 Personal protection equipment: see section 8

**SECTION 7: Handling and storage**
7.1 Precautions for safe handling

Protective measures
Specific requirements or handling rules
Do not breathe dust. Do not breathe gas/fumes/vapour/spray. See section 8.

Advises on general occupational hygiene
Handle with care - avoid bumps, friction and impact.

7.2 Conditions for safe storage, including any incompatibilities

Only use containers specifically approved for the substance/product.

Requirements for storage rooms and vessels
Keep in a cool, well-ventilated place. Protect against UV-radiation/sunlight/Humidity.

Hints on joint storage
Storage class : 8B
Storage class (TRGS 510) : 8B
Keep away from
Store at least 3 metres apart from: Chemicals/products that react together readily

Further information on storage conditions
Keep container tightly closed and in a well-ventilated place.

7.3 Specific end use(s)
None

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

DNEL/DMEL and PNEC values

<table>
<thead>
<tr>
<th>DNEL/DMEL</th>
<th>Limit value type</th>
<th>Exposure route</th>
<th>Exposure frequency</th>
<th>Limit value</th>
</tr>
</thead>
<tbody>
<tr>
<td>DNEL Consumer (local) ( SODIUM CARBONATE ; CAS No. : 497-19-8 )</td>
<td>Inhalation</td>
<td>Long-term (repeated)</td>
<td>10 mg/m³</td>
<td></td>
</tr>
<tr>
<td>DNEL worker (local) ( SODIUM CARBONATE ; CAS No. : 497-19-8 )</td>
<td>Inhalation</td>
<td>Long-term (repeated)</td>
<td>10 mg/m³</td>
<td></td>
</tr>
<tr>
<td>DNEL Consumer (local) ( SODIUM PERCARBONATE ; CAS No. : 15630-89-4 )</td>
<td>Dermal</td>
<td>Short-term (acute)</td>
<td>6,4 mg/cm²</td>
<td></td>
</tr>
<tr>
<td>DNEL Consumer (local) ( SODIUM PERCARBONATE ; CAS No. : 15630-89-4 )</td>
<td>Dermal</td>
<td>Long-term (repeated)</td>
<td>6,4 mg/cm²</td>
<td></td>
</tr>
<tr>
<td>DNEL/DMEL (Consumer) ( SODIUM METASILICATE, PENTAhydrate ; CAS No. : 10213-79-3 )</td>
<td>Oral</td>
<td>Long-term (repeated)</td>
<td>0,74 mg/kg</td>
<td></td>
</tr>
<tr>
<td>DNEL/DMEL (Consumer) ( SODIUM METASILICATE, PENTAhydrate ; CAS No. : 10213-</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Exposure route</td>
<td>Exposure frequency</td>
<td>Limit value</td>
<td>Limit value type</td>
<td></td>
</tr>
<tr>
<td>---------------</td>
<td>-------------------</td>
<td>-------------</td>
<td>------------------</td>
<td></td>
</tr>
<tr>
<td>Inhalation</td>
<td>Long-term (repeated)</td>
<td>1,55 mg/kg</td>
<td>DNEL/DMEL (Consumer) ( SODIUM METASILICATE, PENTAHYDRATE ; CAS No. : 10213-79-3 )</td>
<td></td>
</tr>
<tr>
<td>Dermal</td>
<td>Long-term (repeated)</td>
<td>0,74 mg/kg</td>
<td>DNEL/DMEL (Industrial) ( SODIUM METASILICATE, PENTAHYDRATE ; CAS No. : 10213-79-3 )</td>
<td></td>
</tr>
<tr>
<td>Inhalation</td>
<td>Long-term (repeated)</td>
<td>6,22 mg/m$^3$</td>
<td>DNEL/DMEL (Industrial) ( SODIUM METASILICATE, PENTAHYDRATE ; CAS No. : 10213-79-3 )</td>
<td></td>
</tr>
<tr>
<td>Dermal</td>
<td>Long-term (repeated)</td>
<td>1,49 mg/kg</td>
<td>DNEL/DMEL (Industrial) ( SODIUM PERCARBONATE ; CAS No. : 15630-89-4 )</td>
<td></td>
</tr>
<tr>
<td>Inhalation</td>
<td>Short-term (acute)</td>
<td>12,8 mg/cm$^2$</td>
<td>DNEL worker (local) ( SODIUM PERCARBONATE ; CAS No. : 15630-89-4 )</td>
<td></td>
</tr>
<tr>
<td>Dermal</td>
<td>Long-term (repeated)</td>
<td>12,8 mg/cm$^2$</td>
<td>DNEL worker (local) ( SODIUM PERCARBONATE ; CAS No. : 15630-89-4 )</td>
<td></td>
</tr>
<tr>
<td>Inhalation</td>
<td>Long-term (repeated)</td>
<td>5 mg/m$^3$</td>
<td>DNEL/DMEL (Consumer) ( SILICIC ACID, SODIUM SALT ; CAS No. : 1344-09-8 )</td>
<td></td>
</tr>
<tr>
<td>Dermal</td>
<td>Long-term (repeated)</td>
<td>0,8 mg/kg</td>
<td>DNEL/DMEL (Consumer) ( SILICIC ACID, SODIUM SALT ; CAS No. : 1344-09-8 )</td>
<td></td>
</tr>
<tr>
<td>Inhalation</td>
<td>Long-term (repeated)</td>
<td>1,38 mg/m$^3$</td>
<td>DNEL/DMEL (Consumer) ( SILICIC ACID, SODIUM SALT ; CAS No. : 1344-09-8 )</td>
<td></td>
</tr>
<tr>
<td>Oral</td>
<td>Long-term (repeated)</td>
<td>0,8 mg/kg</td>
<td>DNEL/DMEL (Industrial) ( SILICIC ACID, SODIUM SALT ; CAS No. : 1344-09-8 )</td>
<td></td>
</tr>
<tr>
<td>Dermal</td>
<td>Long-term (repeated)</td>
<td>1,59 mg/kg</td>
<td>DNEL/DMEL (Industrial) ( SILICIC ACID, SODIUM SALT ; CAS No. : 1344-09-8 )</td>
<td></td>
</tr>
<tr>
<td>Inhalation</td>
<td>Long-term (repeated)</td>
<td>5,61 mg/m$^3$</td>
<td>DNEL/DMEL (Industrial) ( SILICIC ACID, SODIUM SALT ; CAS No. : 1344-09-8 )</td>
<td></td>
</tr>
</tbody>
</table>

**PNEC**

<table>
<thead>
<tr>
<th>Exposure route</th>
<th>Limit value type</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water (Including sewage plant)</td>
<td>PNEC aquatic, freshwater ( SODIUM PERCARBONATE ; CAS No. : 15630-89-4 )</td>
</tr>
</tbody>
</table>

Limit value : 0,03 mg/l
Limit value type: PNEC aquatic, intermittent release (SODIUM PERCARBONATE; CAS No.: 15630-89-4)
Limit value: 1 mg/l
Exposure route: Water (Including sewage plant)

Limit value type: PNEC aquatic, marine water (SODIUM PERCARBONATE; CAS No.: 15630-89-4)
Limit value: 7,5 mg/l
Exposure route: Water (Including sewage plant)

Limit value type: PNEC (Industrial) (SODIUM METASILICATE, PENTAHYDRATE; CAS No.: 10213-79-3)
Limit value: 1 - 7,5 mg/l
Exposure route: Water (Including sewage plant)

Limit value type: PNEC sewage treatment plant (STP) (SODIUM PERCARBONATE; CAS No.: 15630-89-4)
Limit value: 16,24 mg/l

Limit value type: PNEC aquatic, freshwater (SILICIC ACID, SODIUM SALT; CAS No.: 1344-09-8)
Limit value: 7,5 mg/l
Exposure route: Water (Including sewage plant)

Limit value type: PNEC aquatic, intermittent release (SILICIC ACID, SODIUM SALT; CAS No.: 1344-09-8)
Limit value: 1 mg/l
Exposure route: Water (Including sewage plant)

Limit value type: PNEC sewage treatment plant (STP) (SILICIC ACID, SODIUM SALT; CAS No.: 1344-09-8)
Limit value: 348 mg/l

8.2 Exposure controls

Appropriate engineering controls
If local exhaust ventilation is not possible or not sufficient, the entire working area must be ventilated by technical means. If technical exhaust or ventilation measures are not possible or insufficient, respiratory protection must be worn.

Personal protection equipment

Eye/face protection
Suitable eye protection
Glasses with side protection (EN 166).

Skin protection
Hand protection
Always wear protective gloves (EN 374 Chemical Risk). The glove material has to be impermeable and resistant to the product / the substance / the preparation.
Suitable materials with direct and prolonged contact (recommended: protection index 6 corresponding to > 480 minutes permeation time as per EN 374): eg nitrile rubber (0.4 mm), chloroprene rubber (0.5 mm), polyvinylchloride (0.7 mm) and other.

Breakthrough time of the gloves material
The manufacturer of the gloves breakthrough time of the material and respect this indication.

Body protection
Personnel should wear protective clothing and all parts of the body should be washed after contact. Care should be taken in the selection of protective clothing to prevent the inflammation and irritation of the skin of the neck and wrists through such contact with the powder or small quantities.

Respiration protection

When using do not eat, drink, smoke, sniff.

Suitable eye protection
Glasses with side protection (EN 166).
Use a dust mask P2 (EN 143 and EN 14387).

**Annotation**
The filter class of respiratory protection should be absolutely adapted to the maximum concentration of the toxic substance (gas / vapor / aerosol / particulates) that may generate in the treatment with the product.

### SECTION 9: Physical and chemical properties

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

**Safety relevant basis data**

<table>
<thead>
<tr>
<th>Aspect</th>
<th>White Powder with blue grains</th>
</tr>
</thead>
<tbody>
<tr>
<td>Odour</td>
<td>Characteristic</td>
</tr>
<tr>
<td>Melting point/melting range</td>
<td>No data available</td>
</tr>
<tr>
<td>Initial boiling point and boiling range</td>
<td>(1013 hPa)</td>
</tr>
<tr>
<td>Flash point</td>
<td>No data available</td>
</tr>
<tr>
<td>Vapour pressure</td>
<td>(20 °C)</td>
</tr>
<tr>
<td>Density</td>
<td>No data available</td>
</tr>
<tr>
<td>Viscosity</td>
<td>(40 °C)</td>
</tr>
</tbody>
</table>

#### 9.2 Other information
None

### SECTION 10: Stability and reactivity

#### 10.1 Reactivity

No hazardous reactions when stored and handled as described in paragraph 7.

Contact with acids reacts releasing CO2.

#### 10.2 Chemical stability

The product does not decompose if used and stored as described in chapter 7. No further action is necessary.

#### 10.3 Possibility of hazardous reactions

No hazardous reactions when stored and handled as described in paragraph 7.

#### 10.4 Conditions to avoid

Avoid exposing the product to high temperatures. Keep the product away from open flame. Avoid moisture.

#### 10.5 Incompatible materials

Acids, metals, metal salts, alkalis, reducing agents.

#### 10.6 Hazardous decomposition products

Oxides of Carbon; Sodium oxides; Sulphur dioxide (SO2).

### SECTION 11: Toxicological information

#### 11.1 Information on toxicological effects

The product is NOT corrosive to skin according to OECD 431.

**Acute effects**

**Acute oral toxicity**

- Parameter: LD50 (SODIUM CARBONATE; CAS No.: 497-19-8)
- Exposure route: Oral
- Species: Rat
- Effective dose: = 2800 mg/kg

- Parameter: LD50 (SODIUM METASILICATE, PENTAHYDRATE; CAS No.: 10213-79-3)
- Exposure route: Oral
- Species: Rat
Effective dose : 1152 - 1349 mg/kg
Parameter : LD50 ( SODIUM PERCARBONATE ; CAS No. : 15630-89-4 )
Exposure route : Oral
Species : Rat
Effective dose : 893 mg/kg
Parameter : LD50 ( SODIUM PERCARBONATE ; CAS No. : 15630-89-4 )
Exposure route : Oral
Species : Rat
Effective dose : 1164 mg/kg
Parameter : LD50 ( SILICIC ACID, SODIUM SALT ; CAS No. : 1344-09-8 )
Exposure route : Oral
Species : Rat
Effective dose : = 3400 mg/kg

**Acute dermal toxicity**

Parameter : LD50 ( SODIUM CARBONATE ; CAS No. : 497-19-8 )
Exposure route : Dermal
Species : Rabbit
Effective dose : > 2000 mg/kg
Parameter : LD50 ( SODIUM METASILICATE, PENTAHYDRATE ; CAS No. : 10213-79-3 )
Exposure route : Dermal
Species : Rat
Effective dose : > 5000 mg/kg
Parameter : LD50 ( SILICIC ACID, SODIUM SALT ; CAS No. : 1344-09-8 )
Exposure route : Dermal
Species : Rat
Effective dose : > 5000 mg/kg

**Practical experience/human evidence**

Harmful by inhalation, in contact with skin and if swallowed.

**Acute inhalation toxicity**

Parameter : LC50 ( SODIUM CARBONATE ; CAS No. : 497-19-8 )
Exposure route : Inhalation
Species : Rat
Effective dose : = 2300 mg/m³
Exposure time : 2 h
Parameter : LC50 ( SODIUM METASILICATE, PENTAHYDRATE ; CAS No. : 10213-79-3 )
Exposure route : Inhalation
Species : Rat
Effective dose : > 2,06 mg/m³
Parameter : LD50 ( SODIUM PERCARBONATE ; CAS No. : 15630-89-4 )
Exposure route : Inhalation
Effective dose : 700 mg/m³
Parameter : LC50 ( SILICIC ACID, SODIUM SALT ; CAS No. : 1344-09-8 )
Exposure route : Inhalation
Species : Rat
Effective dose : > 2,06 g/m³

**Irritant and corrosive effects**

**Primary irritation to the skin**

**Practical experience/human evidence**

Irritant. The evaluation based on subjective human observations supported by objective measurements of clear respiratory tract irritation (RTI).

**SECTION 12: Ecological information**

Do not allow uncontrolled discharge of product into the environment.
12.1 Toxicity

Aquatic toxicity

Acute (short-term) fish toxicity

Parameter : LC50 (SODIUM CARBONATE; CAS No.: 497-19-8)
Species : Lepomis macrochirus (Bluegill)
Evaluation parameter : Acute (short-term) fish toxicity
Effective dose : = 300 mg/l
Exposure time : 96 h

Parameter : LC50 (SODIUM METASILICATE, PENTAHYDRATE; CAS No.: 10213-79-3)
Species : Fish
Effective dose : 2320 mg/l
Exposure time : 96 h

Parameter : LC50 (SODIUM PERCARBONATE; CAS No.: 15630-89-4)
Species : Fish
Evaluation parameter : Acute (short-term) fish toxicity
Effective dose : = 70,7 mg/l
Exposure time : 96 h

Parameter : LC50 (SILICIC ACID, SODIUM SALT; CAS No.: 1344-09-8)
Species : Fish
Effective dose : = 3185 mg/l
Exposure time : 96 h

Acute (short-term) daphnia toxicity

Parameter : EC50 (SODIUM CARBONATE; CAS No.: 497-19-8)
Species : Daphnia
Evaluation parameter : Acute (short-term) daphnia toxicity
Effective dose : 200 - 227 mg/l
Exposure time : 48 h

Parameter : EC50 (SODIUM METASILICATE, PENTAHYDRATE; CAS No.: 10213-79-3)
Species : Daphnia
Effective dose : 1700 mg/l
Exposure time : 48 h

Parameter : EC50 (SODIUM PERCARBONATE; CAS No.: 15630-89-4)
Species : Daphnia
Evaluation parameter : Acute (short-term) daphnia toxicity
Effective dose : = 4,9 mg/l
Exposure time : 48 h

Parameter : EC50 (SILICIC ACID, SODIUM SALT; CAS No.: 1344-09-8)
Species : Daphnia
Effective dose : = 1700 mg/l
Exposure time : 48 h

Chronic (long-term) daphnia toxicity

Parameter : NOEC (SODIUM PERCARBONATE; CAS No.: 15630-89-4)
Species : Daphnia pulex (water flea)
Evaluation parameter : Chronic (long-term) daphnia toxicity
Effective dose : = 2 mg/l
Exposure time : 48 h

Acute (short-term) algae toxicity

Parameter : EC50 (SODIUM PERCARBONATE; CAS No.: 15630-89-4)
Species : Algae
Evaluation parameter : Acute (short-term) algae toxicity
Effective dose : = 8 mg/l
Exposure time : 140 h

Parameter : EC50 (SODIUM METASILICATE, PENTAHYDRATE; CAS No.: 10213-79-3)
Species : Algae
**Effective dose:** 207 mg/l  
**Exposure time:** 72 h  
**Parameter:** EC50 (SODIUM METASILICATE, PENTAHYDRATE; CAS No.: 10213-79-3)  
**Species:** Daphnia  
**Effective dose:** 1700 mg/l  
**Exposure time:** 48 h  
**Parameter:** EC50 (SODIUM METASILICATE, PENTAHYDRATE; CAS No.: 10213-79-3)  
**Species:** Algae  
**Effective dose:** 207 mg/l  
**Exposure time:** 72 h  
**Parameter:** EC50 (SODIUM METASILICATE, PENTAHYDRATE; CAS No.: 10213-79-3)  
**Species:** Algae  
**Effective dose:** 1700 mg/l  
**Exposure time:** 48 h  
**Parameter:** EC50 (SODIUM METASILICATE, PENTAHYDRATE; CAS No.: 10213-79-3)  
**Species:** Algae  
**Effective dose:** > 345.4 mg/l  
**Exposure time:** 72 h

### 12.2 Persistence and degradability
No information available.

### 12.3 Bioaccumulative potential
No information available.

### 12.4 Mobility in soil
No information available.

### 12.5 Results of PBT and vPvB assessment
This substance does not meet the PBT/vPvB criteria of REACH, annex XIII.

### 12.6 Other adverse effects
No information available.

### 12.7 Additional ecotoxicological information
None

#### SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

**Product/Packaging disposal**

**Waste treatment options**

- Appropriate disposal / Product
  - Dispose according to legislation. Evidence for disposal must be provided.

#### SECTION 14: Transport information

### 14.1 UN number
No information available.

### 14.2 UN proper shipping name
No information available.

### 14.3 Transport hazard class(es)
No information available.
14.4 Packing group
No information available.

14.5 Environmental hazards
No information available.

14.6 Special precautions for user
None

SECTION 15: Regulatory information

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

EU legislation
Directive 67/548/EEC.
Directive 1999/45/EG.
Directive 2012/18/UE (Seveso)

National regulations
Water hazard class (WGK)
Class: 1 (Slightly hazardous to water)  Classification according to VvVwS

Other regulations, restrictions and prohibition regulations
Betriebssicherheitsverordnung (BetrSichV)
No flammable liquid according to BetrSichV.

Substances of very high concern (SVHC) under REACH Art.57: None

Substances subject to authorization under Annex XIV of Regulation (EC) 1907/2006: None

Restrictions relating to the product or contained substances pursuant to Annex XVII to Regulation (EC) 1907/2006: None

Seveso category: None

Healthcare controls.
Workers exposed to this chemical agent to health must undergo health checks according to the provisions of Article. 41 of Legislative Decree no. 81 dated 9 April 2008 unless the risk to the safety and health of the worker has been assessed irrelevant, according to art. 224 paragraph 2.

15.2 Chemical Safety Assessment
No information available.

SECTION 16: Other information

The user is responsible for the observance of all required statutory provisions.

16.1 Indication of changes

16.2 Abbreviations and acronyms
LEGENDA:
ADR: Accord européen relative au transport international des marchandises dangereuses par route
16.3 Key literature references and sources for data

Main bibliographic sources:
- ECDIN - Environmental Chemicals Data and Information Network - Joint Research Centre, Commission of the European Communities.
- http://echa.europa.eu

16.4 Classification for mixtures and used evaluation method according to regulation (EC) 1272/2008 [CLP]

Classification procedure: Based on test data

Eye Dam. 1 ; H318 - Serious eye damage/eye irritation : Category 1 ; Causes serious eye damage.
Skin Irrit. 2 ; H315 - Skin corrosion/irritation : Category 2 ; Causes skin irritation.
STOT SE 3 ; H335 - STOT-single exposure : Category 3 ; May cause respiratory irritation.

16.5 Relevant H- and EUH-phrases (Number and full text)

- H226 Flammable liquid and vapour.
- H272 May intensify fire; oxidiser.
- H302 Harmful if swallowed.
- H314 Causes severe skin burns and eye damage.
- H315 Causes skin irritation.
- H317 May cause an allergic skin reaction.
- H318 Causes serious eye damage.
- H319 Causes serious eye irritation.
- H335 May cause respiratory irritation.
- H410 Very toxic to aquatic life with long lasting effects.

16.6 Training advice

None

16.7 Additional information

None
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