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

1.1. Product identifier

CP-Synthofloor 8016 Plus Part B

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

Use of the substance/mixture

Industrial and construction product.

Uses advised against

No data available

1.3. Details of the supplier of the safety data sheet

Company name: Chesterton International GmbH
Street: Am Lenzenfleck 23
Place: DE-85737 Ismaning GERMANY
Telephone: +49 89 99 65 46 - 0
Telefax: +49 89 99 65 46 - 50
e-mail: eu-sds@chesterton.com
e-mail (Contact person): eu-sds@chesterton.com
Internet: www.chesterton.com
Responsible Department: eu-sds@chesterton.com

1.4. Emergency telephone number:

+49(0) 551 - 1 92 40 (GIZ-Nord, 24h)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Regulation (EC) No. 1272/2008

Hazard categories:
Acute toxicity: Acute Tox. 4
Skin corrosion/irritation: Skin Corr. 1B
Serious eye damage/eye irritation: Eye Dam. 1
Respiratory or skin sensitisation: Skin Sens. 1A
Hazardous to the aquatic environment: Aquatic Acute 1
Hazardous to the aquatic environment: Aquatic Chronic 2

Hazard Statements:
Harmful if swallowed.
Causes severe skin burns and eye damage.
Causes serious eye damage.
May cause an allergic skin reaction.
Very toxic to aquatic life.
Toxic to aquatic life with long lasting effects.

2.2. Label elements

Regulation (EC) No. 1272/2008
Hazard components for labelling
Carbomonozyklische, alkylierte Gemische aus Poly-aza-Alkanen, hydriert
Phenol, reaction products with formaldehyde
m-phenylenebis(methylamine)
1,3-Benzenedimethanamine, N-(2-phenylethyl) derivs.
3-aminopropyl-diethylamine
2,4,6-tris(dimethylaminomethyl) phenol

Signal word: Danger

Pictograms:

Hazard statements
H302 Harmful if swallowed.
H314 Causes severe skin burns and eye damage.
H317 May cause an allergic skin reaction.
H400 Very toxic to aquatic life.
H411 Toxic to aquatic life with long lasting effects.

Precautionary statements
P260 Do not breathe dust/fume/gas/mist/vapours/spray.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P203+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.
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.

2.3. Other hazards
No information available.

SECTION 3: Composition/information on ingredients

3.2. Mixtures
### Hazardous components

<table>
<thead>
<tr>
<th>CAS No</th>
<th>Chemical name</th>
<th>Quantity</th>
<th>EC No</th>
<th>Index No</th>
<th>REACH No</th>
</tr>
</thead>
<tbody>
<tr>
<td>1173092-74-4</td>
<td>Carbomonozyklische, alkylierte Gemische aus Poly-aza-Alkanen, hydriert</td>
<td>50 -&lt; 75 %</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>9003-35-4</td>
<td>Phenol, reaction products with formaldehyde</td>
<td>10 -&lt; 25 %</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1477-55-0</td>
<td>m-phenylenediamine(methylamine)</td>
<td>5 -&lt; 10 %</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>404362-22-7</td>
<td>1,3-Benzenedimethanamine, N-(2-phenylethyl) derivs.</td>
<td>5 -&lt; 10 %</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>104-78-9</td>
<td>3-aminopropylethylamine</td>
<td>5 -&lt; 10 %</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**GHS Classification**

- Acute Tox. 4, Skin Corr. 1B, Eye Dam. 1, Skin Sens. 1, Aquatic Acute 1, Aquatic Chronic 2; H302 H314 H318 H317 H400 H411
- Eye Irrit. 2, Skin Sens. 1; H319 H317
- Acute Tox. 4, Acute Tox. 4, Skin Corr. 1, Skin Sens. 1, Aquatic Chronic 3; H332 H302 H314 H317 H412 EUH071
- Acute Tox. 4, Skin Corr. 1, Eye Dam. 1, Skin Sens. 1, STOT RE 2, Aquatic Acute 1, Aquatic Chronic 1; H302 H314 H318 H317 H373 H400 H410
- Flam. Liq. 3, Acute Tox. 4, Acute Tox. 4, Skin Corr. 1B, Skin Sens. 1; H226 H312 H302 H314 H317
- Skin Corr. 1, Skin Sens. 1; H314 H317

Full text of H and EUH statements: see section 16.

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

**General information**

- Change contaminated, saturated clothing.
- In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).
- In case of allergic symptoms, seek medical advice immediately.

**After inhalation**

- In case of inhalation of product / fumes, affected person should be moved into fresh air and kept still.
- In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).
After contact with skin
Remove contaminated, saturated clothing immediately.
After contact with skin, wash immediately with plenty of water and soap.
Seek medical advice immediately.

After contact with eyes
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
If accidentally swallowed rinse the mouth with plenty of water (only if the person is conscious) and obtain immediate medical attention.
Let water be drunken in little sips (dilution effect).
Do NOT induce vomiting.

4.2. Most important symptoms and effects, both acute and delayed
Causes severe skin burns and eye damage.
Gastrointestinal complaints
Allergic reactions

4.3. Indication of any immediate medical attention and special treatment needed
First Aid, decontamination, treatment of symptoms.

SECTION 5: Firefighting measures

5.1. Extinguishing media
Suitable extinguishing media
Dry extinguishing powder.
Carbon dioxide (CO2).
alcohol resistant foam.
Water spray jet

Unsuitable extinguishing media
Full water jet

5.2. Special hazards arising from the substance or mixture
In case of fire may be liberated:
Carbon monoxide
Carbon dioxide (CO2).
Nitrogen oxides (NOx)

5.3. Advice for firefighters
Special protective equipment for firefighters Protective clothing. In case of fire: Wear self-contained breathing apparatus.

Additional information
Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures
See protective measures under point 7 and 8.
Provide adequate ventilation.
Personal protection equipment: see section 8
Remove persons to safety.

6.2. Environmental precautions
Do not allow to enter into surface water or drains.
Cover drains.
Clean contaminated articles and floor according to the environmental legislation.
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
Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents).
Take up mechanically, placing in appropriate containers for disposal.

6.4. Reference to other sections
See protective measures under point 7 and 8.
Disposal: see section 13

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling
People who suffer from skin sensitization problems, asthma, allergies, chronic or recurring respiratory illnesses should not be deployed in any process using this preparation.

Avoid contact with eyes and skin. Use personal protection equipment.

Do not empty into drains.

Never use pressure to empty container. Keep/Store only in original container.

Advice on protection against fire and explosion
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Further information on handling
Wash hands before breaks and after work.
Used working clothes should not be worn outside the work area.
Street clothing should be stored separately from work clothing.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels
Keep container tightly closed in a cool, well-ventilated place. Keep/Store only in original container. Protect against heat and direct sunlight.
storage temperature: 5 -25 °C

Hints on joint storage
Keep away from food and drink.

Further information on storage conditions
Protect against:
Frost
### 7.3. Specific end use(s)

No data available

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

**DNEL/DMEL values**

<table>
<thead>
<tr>
<th>CAS No</th>
<th>Substance</th>
<th>DNEL type</th>
<th>Exposure route</th>
<th>Effect</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>9003-35-4</td>
<td>Phenol, reaction products with formaldehyde</td>
<td>Worker DNEL, long-term</td>
<td>inhalation</td>
<td>systemic</td>
<td>98.7 mg/m³</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Worker DNEL, long-term</td>
<td>dermal</td>
<td>systemic</td>
<td>28 mg/kg bw/day</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Consumer DNEL, long-term</td>
<td>inhalation</td>
<td>systemic</td>
<td>14.8 mg/m³</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Consumer DNEL, long-term</td>
<td>dermal</td>
<td>systemic</td>
<td>10 mg/kg bw/day</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Consumer DNEL, long-term</td>
<td>oral</td>
<td>systemic</td>
<td>10 mg/kg bw/day</td>
</tr>
<tr>
<td>1477-55-0</td>
<td>m-phenylenebis(methylamine)</td>
<td>Worker DNEL, long-term</td>
<td>dermal</td>
<td>systemic</td>
<td>0.33 mg/kg bw/day</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Worker DNEL, long-term</td>
<td>inhalation</td>
<td>local</td>
<td>0.2 mg/m³</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Worker DNEL, long-term</td>
<td>inhalation</td>
<td>systemic</td>
<td>1.2 mg/m³</td>
</tr>
<tr>
<td>404362-22-7</td>
<td>1,3-Benzenedimethanamine, N-(2-phenylethyl) derivs.</td>
<td>Worker DNEL, long-term</td>
<td>inhalation</td>
<td>systemic</td>
<td>0.18 mg/m³</td>
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<td></td>
<td></td>
<td>Worker DNEL, long-term</td>
<td>inhalation</td>
<td>local</td>
<td>0.004 mg/m³</td>
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<tr>
<td></td>
<td></td>
<td>Worker DNEL, long-term</td>
<td>dermal</td>
<td>systemic</td>
<td>0.05 mg/kg bw/day</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Consumer DNEL, long-term</td>
<td>inhalation</td>
<td>systemic</td>
<td>0.04 mg/m³</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Consumer DNEL, long-term</td>
<td>inhalation</td>
<td>local</td>
<td>0.002 mg/m³</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Consumer DNEL, long-term</td>
<td>dermal</td>
<td>systemic</td>
<td>0.03 mg/kg bw/day</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Consumer DNEL, long-term</td>
<td>oral</td>
<td>systemic</td>
<td>0.03 mg/kg bw/day</td>
</tr>
</tbody>
</table>
PNEC values

<table>
<thead>
<tr>
<th>CAS No</th>
<th>Substance</th>
<th>Environmental compartment</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>9003-35-4</td>
<td>Phenol, reaction products with formaldehyde</td>
<td>Freshwater</td>
<td>0.172 mg/l</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Freshwater (intermittent releases)</td>
<td>1.72 mg/l</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Marine water</td>
<td>0.0172 mg/l</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Freshwater sediment</td>
<td>0.647 mg/kg</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Marine sediment</td>
<td>0.0647 mg/kg</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Soil</td>
<td>0.0284 mg/kg</td>
</tr>
<tr>
<td>1477-55-0</td>
<td>m-phenylenebis(methylamine)</td>
<td>Freshwater</td>
<td>0.094 mg/l</td>
</tr>
<tr>
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<td></td>
<td>Freshwater (intermittent releases)</td>
<td>0.152 mg/l</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Marine water</td>
<td>0.009 mg/l</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Freshwater sediment</td>
<td>12.4 mg/kg</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Marine sediment</td>
<td>1.24 mg/kg</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Micro-organisms in sewage treatment plants (STP)</td>
<td>10 mg/l</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Soil</td>
<td>2.44 mg/kg</td>
</tr>
<tr>
<td>404362-22-7</td>
<td>1,3-Benzenedimethanamine, N-(2-phenylethyl) derivs.</td>
<td>Freshwater</td>
<td>0.001 mg/l</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Marine water</td>
<td>0 mg/l</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Freshwater sediment</td>
<td>0.14 mg/kg</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Marine sediment</td>
<td>0.014 mg/kg</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Secondary poisoning</td>
<td>0.167 mg/kg</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Soil</td>
<td>0.028 mg/kg</td>
</tr>
<tr>
<td>90-72-2</td>
<td>2,4,6-tris(dimethylaminomethyl)phenol</td>
<td>Freshwater</td>
<td>0.084 mg/l</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Freshwater (intermittent releases)</td>
<td>0.84 mg/l</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Marine water</td>
<td>0.008 mg/l</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Micro-organisms in sewage treatment plants (STP)</td>
<td>0.2 mg/l</td>
</tr>
</tbody>
</table>

8.2. Exposure controls

Appropriate engineering controls
Provide adequate ventilation as well as local exhaustion at critical locations. Use explosion-proof ventilating equipment.

Protective and hygiene measures
Work in well-ventilated zones or use proper respiratory protection. Only wear fitting, comfortable and clean protective clothing. Avoid contact with skin, eyes and clothes. Wash hands and face before breaks and after
work and take a shower if necessary.

**Eye/face protection**
Suitable eye protection:
Eye glasses with side protection
goggles

**Hand protection**
Tested protective gloves must be worn: EN ISO 374
NBR (Nitrile rubber), Butyl caoutchouc (butyl rubber)
Wearing time with permanent contact: Thickness of the glove material: >= 0,4 mm, Breakthrough time (maximum wearing time): >480 min
Wearing time with occasional contact (splashes): Thickness of the glove material: >= 0,1 mm, Breakthrough time (maximum wearing time) > 30 min
For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.
Breakthrough times and swelling properties of the material must be taken into consideration.

**Skin protection**
Protective clothing For the protection against direct skin contact, body protective clothing is essential (in addition to the usual working clothes).

**Respiratory protection**
If technical exhaust or ventilation measures are not possible or insufficient, respiratory protection must be worn. Observe the wear time limits according GefStoffV in combination with the rules for using respiratory protection apparatus (BGR 190).

**Environmental exposure controls**
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.

### SECTION 9: Physical and chemical properties

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

<table>
<thead>
<tr>
<th>Physical state:</th>
<th>Liquid</th>
</tr>
</thead>
<tbody>
<tr>
<td>Colour:</td>
<td>transparent</td>
</tr>
<tr>
<td>Odour:</td>
<td>characteristic</td>
</tr>
<tr>
<td>pH-Value:</td>
<td>alkaline</td>
</tr>
</tbody>
</table>

**Changes in the physical state**

<table>
<thead>
<tr>
<th>Melting point:</th>
<th>No data available</th>
</tr>
</thead>
<tbody>
<tr>
<td>Initial boiling point and boiling range:</td>
<td>No data available</td>
</tr>
<tr>
<td>Sublimation point:</td>
<td>No data available</td>
</tr>
<tr>
<td>Softening point:</td>
<td>No data available</td>
</tr>
<tr>
<td>Pour point:</td>
<td>No data available</td>
</tr>
<tr>
<td></td>
<td>No data available</td>
</tr>
<tr>
<td>Flash point:</td>
<td>&gt; 95 °C</td>
</tr>
</tbody>
</table>

**Flammability**
Explosive properties
No information available.

Lower explosion limits: No data available
Upper explosion limits: No data available
Ignition temperature: No data available

Auto-ignition temperature
Solid: No data available
Gas: No data available
Decomposition temperature: No data available

Oxidizing properties
No information available.

Vapour pressure: No data available
Vapour pressure: No data available
Density: 1.0 g/cm³
Bulk density: No data available
Water solubility: No data available

Solubility in other solvents
No information available.

Partition coefficient: No data available
Viscosity / dynamic: 600 mPa·s (at 25 °C)
Viscosity / kinematic: No data available
Flow time: No data available
Vapour density: No data available
Evaporation rate: No data available
Solvent separation test: No information available.

9.2. Other information
No information available.

SECTION 10: Stability and reactivity

10.1. Reactivity
No hazardous reaction when handled and stored according to provisions.

10.2. Chemical stability
No decomposition by use according to guideline.

10.3. Possibility of hazardous reactions

10.4. Conditions to avoid
No data available

10.5. Incompatible materials
No data available

10.6. Hazardous decomposition products
No data available

### SECTION 11: Toxicological information

11.1. Information on toxicological effects

**Acute toxicity**
Harmful if swallowed.

**ATEmix calculated**
ATE (oral) 669,5 mg/kg
## Safety Data Sheet

according to Regulation (EC) No 1907/2006

---

### CP-Synthofloor 8016 Plus Part B

**Revision date: 09.03.2020**

---

<table>
<thead>
<tr>
<th>CAS No</th>
<th>Chemical name</th>
<th>Exposure route</th>
<th>Dose</th>
<th>Species</th>
<th>Source</th>
<th>Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>1173092-74-4</td>
<td>Carbomonozyklische, alkylierte Gemische aus Poly-aza-Alkanen, hydriert</td>
<td>oral</td>
<td>ATE 500 mg/kg</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>9003-35-4</td>
<td>Phenol, reaction products with formaldehyde</td>
<td>oral</td>
<td>LD50 &gt; 5000 mg/kg</td>
<td>Rat</td>
<td>ChemID plus A DATABASE.2017</td>
<td>other: As mentioned below</td>
</tr>
<tr>
<td></td>
<td></td>
<td>dermal</td>
<td>LD50 &gt; 2000 mg/kg</td>
<td>Rat</td>
<td>ChemID plus A DATABASE.2017</td>
<td>other: As mentioned below</td>
</tr>
<tr>
<td>1477-55-0</td>
<td>m-phenylenebis(methylamine)</td>
<td>oral</td>
<td>LD50 930 mg/kg</td>
<td>Rat</td>
<td>Study report (1973)</td>
<td>OECD Guideline 401</td>
</tr>
<tr>
<td></td>
<td></td>
<td>dermal</td>
<td>LD50 &gt; 3100 mg/kg</td>
<td>Rat</td>
<td>Study report (1975)</td>
<td>TK 11813 was applied to a shaved area of</td>
</tr>
<tr>
<td></td>
<td></td>
<td>inhalation vapour</td>
<td>ATE 11 mg/l</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>inhalation (4 h) aerosol</td>
<td>LC50 1,34 mg/l</td>
<td>Rat</td>
<td></td>
<td></td>
</tr>
<tr>
<td>404362-22-7</td>
<td>1,3-Benzenedimethanamine, N-(2-phenylethyl) derivs.</td>
<td>oral</td>
<td>ATE 500 mg/kg</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>104-78-9</td>
<td>3-aminopropyl-diethyamine</td>
<td>oral</td>
<td>LD50 550 mg/kg</td>
<td>Rat</td>
<td>GESTIS</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>dermal</td>
<td>LD50 615 mg/kg</td>
<td>Rabbit</td>
<td>GESTIS</td>
<td></td>
</tr>
<tr>
<td>90-72-2</td>
<td>2,4,6-tris(dimethylaminomethyl)phenol</td>
<td>oral</td>
<td>LD50 2169 mg/kg</td>
<td>Rat</td>
<td>Study report (1992)</td>
<td>OECD Guideline 401</td>
</tr>
</tbody>
</table>

---

**Irritation and corrosivity**

Causes severe skin burns and eye damage.
Causes serious eye damage.

**Sensitising effects**

May cause an allergic skin reaction. (Carbomonozyklische, alkylierte Gemische aus Poly-aza-Alkanen, hydriert; Phenol, reaction products with formaldehyde; m-phenylenebis(methylamine); 1,3-Benzenedimethanamine, N-(2-phenylethyl) derivs.; 3-aminopropyl-diethyamine; 2,4,6-tris(dimethylaminomethyl)phenol)

**Carcinogenic/mutagenic/toxic effects for reproduction**

Based on available data, the classification criteria are not met.
Safety Data Sheet

according to Regulation (EC) No 1907/2006

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STOT-single exposure
Based on available data, the classification criteria are not met.

STOT-repeated exposure
Based on available data, the classification criteria are not met.

Aspiration hazard
Based on available data, the classification criteria are not met.

Practical experience

Observations relevant to classification
Sensitisation to the respiratory tract. May cause allergy or asthma symptoms or breathing difficulties if inhaled.

SECTION 12: Ecological information

12.1. Toxicity

<table>
<thead>
<tr>
<th>CAS No</th>
<th>Chemical name</th>
<th>Aquatic toxicity</th>
<th>Ose</th>
<th>[h]</th>
<th>[d]</th>
<th>Species</th>
<th>Source</th>
<th>Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>9003-35-4</td>
<td>Phenol, reaction products with formaldehyde</td>
<td>Acute crustacea toxicity</td>
<td>EC50</td>
<td>172 mg/l</td>
<td>48 h</td>
<td>Daphnia pulex</td>
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<td>OECD Guideline 202</td>
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<td>1477-55-0</td>
<td>m-phenylenebis(methylamine)</td>
<td>Acute fish toxicity</td>
<td>LC50</td>
<td>&gt; 100 mg/l</td>
<td>96 h</td>
<td>Oncorhynchus mykiss</td>
<td>REACH Registration Dossier</td>
<td>OECD Guideline 203</td>
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<td>Acute algae toxicity</td>
<td>ErC50</td>
<td>12 mg/l</td>
<td>72 h</td>
<td>Desmodesmus subspicatus</td>
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<td>OECD Guideline 201</td>
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<td></td>
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<td>Acute crustacea toxicity</td>
<td>EC50</td>
<td>15,2 mg/l</td>
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<td>Daphnia magna (Big water flea)</td>
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<td>OECD Guideline 211</td>
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<td>Crustacea toxicity</td>
<td>NOEC</td>
<td>4,7 mg/l</td>
<td>21 d</td>
<td>Daphnia magna</td>
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<td>Acute bacteria toxicity</td>
<td>(&gt; 1000 mg/l)</td>
<td>0,5 h</td>
<td>Activated sludge from laboratory wastewater plant</td>
<td>Study report (2004)</td>
<td>OECD Guideline 209</td>
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<td>90-72-2</td>
<td>2,4,6-tris(dimethylaminomethyl)phenol</td>
<td>Acute fish toxicity</td>
<td>LC50</td>
<td>175 mg/l</td>
<td>96 h</td>
<td>Cyprinus carpio</td>
<td>Study report (1973)</td>
<td>other: Fish Bioassay Procedure in 1970 e</td>
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<td></td>
<td>Acute algae toxicity</td>
<td>ErC50</td>
<td>84 mg/l</td>
<td>72 h</td>
<td>Desmodesmus subspicatus</td>
<td>Study report (2004)</td>
<td>OECD Guideline 201</td>
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</tbody>
</table>

12.2. Persistence and degradability
12.4. Mobility in soil
No information available.

12.5. Results of PBT and vPvB assessment
The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

12.6. Other adverse effects
No information available.

Further information
Very toxic to aquatic life with long lasting effects. Do not allow to enter into surface water or drains.

SECTION 13: Disposal considerations

13.1. Waste treatment methods
Disposal recommendations
Dispose of waste according to applicable legislation.

Contaminated packaging
Non-contaminated packages may be recycled. Dispose of waste according to applicable legislation.

SECTION 14: Transport information

Land transport (ADR/RID)

14.1. UN number: UN 2735
14.2. UN proper shipping name: AMINES, LIQUID, CORROSIVE, N.O.S. (Carbomonoozyklische, alkylierte Gemische aus Poly-aza-Alkanen, hydriert, m-phenylenebis(methylamine))
14.3. Transport hazard class(es): 8
14.4. Packing group: II
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Hazard label: 8
Classification code: C7
Special Provisions: 274
Limited quantity: 1 L
Transport category: 2
Hazard No: 80
Tunnel restriction code: E

Other applicable information (land transport)
E2

Transport category: 2
Tunnel restriction code: E
Other applicable information (land transport)
E2

Inland waterways transport (ADN)
14.1. UN number: UN 2735
14.2. UN proper shipping name: AMINES, LIQUID, CORROSIVE, N.O.S. (Carbomonozyklische, alkylierte Gemische aus Poly-aza-Alkanen, hydriert, m-phenylenebis(methylamine))
14.3. Transport hazard class(es): 8
14.4. Packing group: II
Hazard label: 8
Classification code: C7
Special Provisions: 274
Limited quantity: 1 L

Other applicable information (inland waterways transport)
E2

Marine transport (IMDG)
14.1. UN number: UN 2735
14.2. UN proper shipping name: AMINES, LIQUID, CORROSIVE, N.O.S. (Carbomonozyklische, alkylierte Gemische aus Poly-aza-Alkanen, hydriert, m-phenylenebis(methylamine))
14.3. Transport hazard class(es): 8
14.4. Packing group: II
Hazard label: 8
Marine pollutant: p
Special Provisions: 274
Limited quantity: 1 L
EmS: F-A, S-B
Segregation group: alkalis

Other applicable information (marine transport)
E2

Air transport (ICAO-TI/IATA-DGR)
14.1. UN number: UN 2735
14.2. UN proper shipping name: AMINES, LIQUID, CORROSIVE, N.O.S. (Carbomonozyklische, alkylierte Gemische aus Poly-aza-Alkanen, hydriert, m-phenylenebis(methylamine))
14.3. Transport hazard class(es): 8
14.4. Packing group: II
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Hazard label: 8
Special Provisions: A3 A803
Limited quantity Passenger: 0.5 L
IATA-packing instructions - Passenger: 851
IATA-max. quantity - Passenger: 1 L
IATA-packing instructions - Cargo: 855
IATA-max. quantity - Cargo: 30 L

Other applicable information (air transport)
E2
Passenger-LQ: Y840

14.5. Environmental hazards
ENVIRONMENTALLY HAZARDOUS: yes
Danger releasing substance: Carbomonozyklische, alkylierte Gemische aus Poly-aza-Alkanen, hydriert

14.6. Special precautions for user
No information available.

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code
No information available.

SECTION 15: Regulatory information

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

EU regulatory information
Restrictions on use (REACH, annex XVII):
Enter 3: 3-aminopropyldiethylamine
2004/42/EC (VOC): < 500 g/l (A+B)
Subcategory according to Directive 2004/42/EC: Two-pack reactive performance coatings for specific end use such as floors - Solvent-borne coatings, VOC limit value: 500 g/l

National regulatory information
Employment restrictions: Observe restrictions to employment for juvenils according to the ‘juvenile work protection guideline’ (94/33/EC). Observe employment restrictions under the Maternity Protection Directive (92/85/EEC) for expectant or nursing mothers. Observe employment restrictions for women of child-bearing age.
Water hazard class (D): 3 - strongly hazardous to water
Skin resorption/Sensitization: Causes allergic hypersensitivity reactions.

15.2. Chemical safety assessment
For the following substances of this mixture a chemical safety assessment has been carried out:
m-phenylenebis(methylamine)
1,3-Benzenedimethanamine, N-(2-phenylethyl) derivs.
2,4,6-tris(dimethylaminomethyl)phenol
SECTION 16: Other information

Abbreviations and acronyms
ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)
ICAO: International Civil Aviation Organization
ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO)
CAS: Chemical Abstracts Service (division of the American Chemical Society)
GHS: Globally Harmonized System of Classification and Labelling of Chemicals
CLP: Regulation on Classification, Labelling and Packaging of Substances and Mixtures,
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
EC50: Effective concentration, 50 percent
DNEL: Derived No Effect Level
PNEC: Predicted No Effect Concentration
PBT: Persistent, Bioaccumulative and Toxic
vPvB: very Persistent and very Bioaccumulative

Classification for mixtures and used evaluation method according to Regulation (EC) No. 1272/2008 [CLP]

<table>
<thead>
<tr>
<th>Classification</th>
<th>Classification procedure</th>
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<tbody>
<tr>
<td>Acute Tox. 4; H302</td>
<td>Calculation method</td>
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<tr>
<td>Skin Corr. 1B; H314</td>
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<tr>
<td>Eye Dam. 1; H318</td>
<td>Calculation method</td>
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<tr>
<td>Skin Sens. 1A; H317</td>
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<tr>
<td>Aquatic Acute 1; H400</td>
<td>Calculation method</td>
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<tr>
<td>Aquatic Chronic 2; H411</td>
<td>Calculation method</td>
</tr>
</tbody>
</table>

Relevant H and EUH statements (number and full text)

- **H226**: Flammable liquid and vapour.
- **H302**: Harmful if swallowed.
- **H312**: Harmful in contact with skin.
- **H314**: Causes severe skin burns and eye damage.
- **H317**: May cause an allergic skin reaction.
- **H318**: Causes serious eye damage.
- **H319**: Causes serious eye irritation.
- **H332**: Harmful if inhaled.
- **H373**: May cause damage to organs through prolonged or repeated exposure.
- **H400**: Very toxic to aquatic life.
- **H410**: Very toxic to aquatic life with long lasting effects.
- **H411**: Toxic to aquatic life with long lasting effects.
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H412 Harmful to aquatic life with long lasting effects.
EUH071 Corrosive to the respiratory tract.

Further Information

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)