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

LUX ELEMENTS®-FOAM

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

Relevant identified uses of the substance or mixture:
EPS-Schaum

Uses advised against:
No information available at present.

1.3 Details of the supplier of the safety data sheet

LUX ELEMENTS GmbH & Co. KG, An der Schusterinsel 7, 51379 Leverkusen, Germany
Phone: +49 (0)2171/72 12-0, Fax: +49 (0)2171/72 12-40
info@luxelements.de, www.luxelements.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 (LEC)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) 1272/2008 (CLP)
This is an article.

2.2 Label elements

Labeling according to Regulation (EC) 1272/2008 (CLP)

Not applicable
This is an article.

2.3 Other hazards

The mixture does not contain any vPvB substance (vPvB = very persistent, very bioaccumulative) or is not included under XIII of the regulation (EC) 1907/2006.
The mixture does not contain any PBT substance (PBT = persistent, bioaccumulative, toxic) or is not included under XIII of the regulation (EC) 1907/2006.

SECTION 3: Composition/information on ingredients
3.1 Substance
n.a.

3.2 Mixture

<table>
<thead>
<tr>
<th>Pentane</th>
<th>Substance for which an EU exposure limit value applies.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Registration number (REACH)</td>
<td>01-2119459286-30-XXXX</td>
</tr>
<tr>
<td>Index</td>
<td>601-006-00-1</td>
</tr>
<tr>
<td>EINECS, ELINCS, NLP</td>
<td>203-692-4</td>
</tr>
<tr>
<td>CAS</td>
<td>109-66-0</td>
</tr>
<tr>
<td>content %</td>
<td>0,1-1</td>
</tr>
<tr>
<td>Classification</td>
<td>Flam. Liq. 1, H224</td>
</tr>
<tr>
<td></td>
<td>Asp. Tox. 1, H304</td>
</tr>
<tr>
<td></td>
<td>STOT SE 3, H336</td>
</tr>
<tr>
<td></td>
<td>Aquatic Chronic 2, H411</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Isopentane</th>
<th>Substance for which an EU exposure limit value applies.</th>
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</thead>
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<tr>
<td>Registration number (REACH)</td>
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<td>Index</td>
<td>601-006-00-1</td>
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<td>EINECS, ELINCS, NLP</td>
<td>201-142-8</td>
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<tr>
<td>CAS</td>
<td>78-78-4</td>
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<td>0,1-1</td>
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<tr>
<td>Classification</td>
<td>Flam. Liq. 1, H224</td>
</tr>
<tr>
<td></td>
<td>Asp. Tox. 1, H304</td>
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<td></td>
<td>STOT SE 3, H336</td>
</tr>
<tr>
<td></td>
<td>Aquatic Chronic 2, H411</td>
</tr>
</tbody>
</table>

For the text of the H-phrases and classification codes (GHS/CLP), see Section 16. The substances named in this section are given with their actual, appropriate classification! For substances that are listed in appendix VI, table 3.1/3.2 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 4: First aid measures

4.1 Description of first aid measures

Inhalation
Supply person with fresh air and consult doctor according to symptoms.

Skin contact
Wash thoroughly with soap and water.

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

Ingestion
Do not induce vomiting. 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. In certain cases, the symptoms of poisoning may only appear after an extended period / after several hours.

Headaches
Dizziness
eyes, reddened
reddening of the skin

4.3 Indication of any immediate medical attention and special treatment needed
n.c.
5.1 Extinguishing media

Suitable extinguishing media
Water jet spray/foam/CO2/dry extinguisher

Unsuitable extinguishing media
High volume water jet

5.2 Special hazards arising from the substance or mixture
In case of fire the following can develop:
- Oxides of carbon
- Toxic gases

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
Full protection, if necessary.
Dispose of contaminated extinction water according to official regulations.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures
No special measures required.

6.2 Environmental precautions
Normally not necessary.

6.3 Methods and material for containment and cleaning up
Pick up mechanically 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 build up of dust.
Keep away from sources of ignition - Do not smoke.
Take precautions against electrostatic charges.
Eating, drinking, smoking, as well as food-storage, is prohibited in work-room.
Observe directions on label and instructions for use.

7.1.2 Notes on general hygiene measures at the workplace
General hygiene measures for the handling of chemicals are applicable.
Wash hands before breaks and at end of work.
Keep away from food, drink and animal feedingstuffs.
Remove contaminated clothing and protective equipment before entering areas in which food is consumed.

7.2 Conditions for safe storage, including any incompatibilities
Not to be stored in gangways or stair wells.
Store product closed and only in original packing.
An combustible atmosphere can develop in closed vessels.
Store in a well-ventilated place.
Store cool.

7.3 Specific end use(s)
No information available at present.

SECTION 8: Exposure controls/personal protection
8.1 Control parameters

**Chemical Name**: Pentane
**Content %**: 0.1-1

<table>
<thead>
<tr>
<th>WEL-TWA</th>
<th>WEL-STEL: ---</th>
<th>---</th>
</tr>
</thead>
<tbody>
<tr>
<td>600 ppm (1800 mg/m³) (WEL), 1000 ppm (3000 mg/m³) (EU)</td>
<td>---</td>
<td>---</td>
</tr>
</tbody>
</table>

**Monitoring procedures**:
- Compur - KITA-113 SB(C) (549 368)
- Draeger - Pentane 100/a (67 24 701)
- DFG (D) (Loesungsmittelgemische Meth. Nr. 1), DFG (E) (Solvent mixtures 1) - 1998, 2002

**BMGV**: ---

**Other information**: ---

**Chemical Name**: Isopentane
**Content %**: 0.1-1

<table>
<thead>
<tr>
<th>WEL-TWA</th>
<th>WEL-STEL: ---</th>
<th>---</th>
</tr>
</thead>
<tbody>
<tr>
<td>600 ppm (1800 mg/m³) (WEL), 1000 ppm (3000 mg/m³) (EU)</td>
<td>---</td>
<td>---</td>
</tr>
</tbody>
</table>

**BMGV**: ---

**Other information**: ---

---

Pentane

<table>
<thead>
<tr>
<th>Area of application</th>
<th>Exposure route / Environmental compartment</th>
<th>Effect on health</th>
<th>Descriptor</th>
<th>Value</th>
<th>Unit</th>
<th>Note</th>
</tr>
</thead>
<tbody>
<tr>
<td>Workers / employees</td>
<td>Human - dermal</td>
<td>Long term, systemic effects</td>
<td>DNEL</td>
<td>432</td>
<td>mg/kg bw/day</td>
<td></td>
</tr>
<tr>
<td>Workers / employees</td>
<td>Human - inhalation</td>
<td>Long term, systemic effects</td>
<td>DNEL</td>
<td>3000</td>
<td>mg/m³</td>
<td></td>
</tr>
<tr>
<td>Consumer</td>
<td>Human - dermal</td>
<td>Long term, systemic effects</td>
<td>DNEL</td>
<td>214</td>
<td>mg/kg bw/day</td>
<td></td>
</tr>
<tr>
<td>Consumer</td>
<td>Human - inhalation</td>
<td>Long term, systemic effects</td>
<td>DNEL</td>
<td>643</td>
<td>mg/m³</td>
<td></td>
</tr>
<tr>
<td>Consumer</td>
<td>Human - oral</td>
<td>Long term, systemic effects</td>
<td>DNEL</td>
<td>214</td>
<td>mg/kg bw/day</td>
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<tr>
<td>Environment - water</td>
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<tr>
<td>Environment - sediment</td>
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<td>PNEC</td>
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<td>mg/kg</td>
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<tr>
<td>Environment - soil</td>
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<td></td>
<td>PNEC</td>
<td>0.55</td>
<td>mg/kg</td>
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</tr>
<tr>
<td>Environment - sewage treatment plant</td>
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<td></td>
<td>DNEL</td>
<td>3.8</td>
<td>mg/l</td>
<td></td>
</tr>
</tbody>
</table>

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.
Applies only if maximum permissible exposure values are listed here.

8.2.2 Individual protection measures, such as personal protective equipment

General hygiene measures for the handling of chemicals are applicable.
Wash hands before breaks and at end of work.
Keep away from food, drink and animal feedingstuffs.
Remove contaminated clothing and protective equipment before entering areas in which food is consumed.
**Eye/face protection:**
Normally not necessary.

**Skin protection - Hand protection:**
Normally not necessary.
If applicable
Leather gloves

**Skin protection - Other:**
Usual protective working garments

**Respiratory protection:**
Normally not necessary.

**Thermal hazards:**
Not applicable

**Additional information on hand protection - No tests have been performed.**
In the case of mixtures, the selection has been made according to the knowledge available and the information about the contents. Selection of materials derived from glove manufacturer's indications.
Final selection of glove material must be made taking the breakthrough times, permeation rates and degradation into account.
Selection of a suitable glove depends not only on the material but also on other quality characteristics and varies from manufacturer to manufacturer.
In the case of mixtures, the resistance of glove materials cannot be predicted and must therefore be tested before use.
The exact breakthrough time of the glove material can be requested from the protective glove manufacturer and must be observed.

**8.2.3 Environmental exposure controls**
No information available at present.

**SECTION 9: Physical and chemical properties**

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical state</td>
<td>Solid</td>
</tr>
<tr>
<td>Colour</td>
<td>According to specification</td>
</tr>
<tr>
<td>Odour</td>
<td>Odourless</td>
</tr>
<tr>
<td>Odour threshold</td>
<td>Not determined</td>
</tr>
<tr>
<td>pH-value</td>
<td>n.a.</td>
</tr>
<tr>
<td>Melting point/freezing point</td>
<td>n.a.</td>
</tr>
<tr>
<td>Initial boiling point and boiling range</td>
<td>n.a.</td>
</tr>
<tr>
<td>Flash point</td>
<td>n.a.</td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>Not determined</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>Not determined</td>
</tr>
<tr>
<td>Lower explosive limit</td>
<td>Not determined</td>
</tr>
<tr>
<td>Upper explosive limit</td>
<td>Not determined</td>
</tr>
<tr>
<td>Vapour pressure</td>
<td>n.a.</td>
</tr>
<tr>
<td>Vapour density (air = 1)</td>
<td>n.a.</td>
</tr>
<tr>
<td>Density</td>
<td>Not determined</td>
</tr>
<tr>
<td>Bulk density</td>
<td>Not determined</td>
</tr>
<tr>
<td>Solubility(ies)</td>
<td>Not determined</td>
</tr>
<tr>
<td>Water solubility</td>
<td>Insoluble</td>
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<tr>
<td>Partition coefficient (n-octanol/water)</td>
<td>Not determined</td>
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<tr>
<td>Auto-ignition temperature</td>
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</tr>
<tr>
<td>Decomposition temperature</td>
<td>Not determined</td>
</tr>
<tr>
<td>Viscosity</td>
<td>n.a.</td>
</tr>
<tr>
<td>Explosive properties</td>
<td>When using: development of explosive vapour/air mixture possible.</td>
</tr>
<tr>
<td>Oxidising properties</td>
<td>No</td>
</tr>
</tbody>
</table>

**9.2 Other information**

Miscibility:
Not determined
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.

10.5 Incompatible materials
See also section 7.

Solvent
Ketones

10.6 Hazardous decomposition products
See also section 5.2
No decomposition when used as directed.

11.1 Information on toxicological effects
Possibly more information on health effects, see Section 2.1 (classification).

<table>
<thead>
<tr>
<th>LUX ELEMENTS®-FOAM</th>
</tr>
</thead>
<tbody>
<tr>
<td>Toxicity / effect</td>
</tr>
<tr>
<td>Acute toxicity, by dermal route:</td>
</tr>
<tr>
<td>Acute toxicity, by inhalation:</td>
</tr>
<tr>
<td>Skin corrosion/irritation:</td>
</tr>
<tr>
<td>Serious eye damage/irritation:</td>
</tr>
<tr>
<td>Respiratory or skin sensitisation:</td>
</tr>
<tr>
<td>Germ cell mutagenicity:</td>
</tr>
<tr>
<td>Carcinogenicity:</td>
</tr>
<tr>
<td>Reproductive toxicity:</td>
</tr>
<tr>
<td>Aspiration hazard:</td>
</tr>
<tr>
<td>Symptoms:</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Pentane</th>
</tr>
</thead>
<tbody>
<tr>
<td>Toxicity / effect</td>
</tr>
<tr>
<td>Acute toxicity, by oral route:</td>
</tr>
<tr>
<td>Safety data sheet according to Regulation (EC) No 1907/2006, Annex II</td>
</tr>
<tr>
<td>---------------------------------</td>
</tr>
<tr>
<td>Revision date / version: 13.10.2015 / 0007</td>
</tr>
<tr>
<td>Replacing version dated / version: 23.07.2015 / 0006</td>
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<tr>
<td>Valid from: 13.10.2015</td>
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<tr>
<td>PDF print date: 13.10.2015</td>
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</table>

**LUX ELEMENTS®-FOAM**

### Acute toxicity, by inhalation:

<table>
<thead>
<tr>
<th>LC50</th>
<th>mg/l/4h</th>
<th>Rat</th>
</tr>
</thead>
<tbody>
<tr>
<td>&gt;5</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Skin corrosion/irritation:**

OECD 404 (Acute Dermal Irritation/Corrosion)  
Not irritant, Repeated exposure may cause skin dryness or cracking.

**Serious eye damage/irritation:**

OECD 405 (Acute Eye Irritation/Corrosion)  
Mild irritant

**Respiratory or skin sensitisation:**

OECD 406 (Skin Sensitisation)  
No (inhalation and skin contact)

**Germ cell mutagenicity:**

OECD 471  
(Bacterial Reverse Mutation Test)  
Negative

**Carcinogenicity:**

Negative

**Reproductive toxicity:**

OECD 416  
(Two-generation Reproduction Toxicity Study)  
Negative, Analogous conclusion

**Specific target organ toxicity - single exposure (STOT-SE):**

May cause drowsiness or dizziness.

**Specific target organ toxicity - repeated exposure (STOT-RE):**

Negative

**Aspiration hazard:**

Yes

**Symptoms:**

drying of the skin, respiratory distress, coughing, fever, drowsiness, dizziness, nausea, headaches, unconsciousness, burning of the membranes of the nose and throat

**Specific target organ toxicity - single exposure (STOT-SE), inhalative:**

Not irritant (respiratory tract).

### Isopentane

<table>
<thead>
<tr>
<th>Toxity / effect</th>
<th>Endpoint</th>
<th>Value</th>
<th>Unit</th>
<th>Organism</th>
<th>Test method</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute toxicity, by inhalation:</td>
<td>LC50</td>
<td>1280</td>
<td>mg/l/4h</td>
<td>Rat</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Skin corrosion/irritation:</td>
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<td></td>
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<td>Human being</td>
<td></td>
<td>Not irritant, Repeated exposure may cause skin dryness or cracking.</td>
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<tr>
<td>Respiratory or skin sensitisation:</td>
<td></td>
<td></td>
<td></td>
<td>Guinea pig</td>
<td></td>
<td>Not sensitising</td>
</tr>
</tbody>
</table>
| Germ cell mutagenicity: | | | | OECD 471  
(Bacterial Reverse Mutation Test) | | Negative |
| Aspiration hazard: | | | | | | Yes |
Symptoms: drowsiness, unconsciousness, diarrhoea, annoyance, headaches, cramps, circulatory disorders, drowsiness, mucous membrane irritation, dizziness, nausea and vomiting.

**SECTION 12: Ecological information**

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

<table>
<thead>
<tr>
<th>Compound</th>
<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>
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<td>LUX ELEMENTS®-FOAM</td>
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<td></td>
<td></td>
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<tr>
<td>Toxicity to fish:</td>
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<td></td>
<td></td>
<td></td>
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<td></td>
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<tr>
<td>Toxicity to daphnia:</td>
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<tr>
<td>Toxicity to algae:</td>
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<td></td>
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<tr>
<td>Persistence and degradability:</td>
<td></td>
<td></td>
<td></td>
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<td></td>
<td></td>
<td>It is expected that this polymer solid, which is insoluble in water, behaves inertly in the environment.</td>
</tr>
<tr>
<td>Bioaccumulative potential:</td>
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<tr>
<td>Mobility in soil:</td>
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<tr>
<td>Results of PBT and vPvB assessment</td>
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<td></td>
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<td>Other adverse effects:</td>
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<tr>
<td>Toxicity to fish:</td>
<td>LC50</td>
<td>96h</td>
<td>4,26</td>
<td>mg/l</td>
<td>Oncorhynchus mykiss</td>
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<td>Toxicity to daphnia:</td>
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<tr>
<td>Toxicity to algae:</td>
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<td></td>
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<td></td>
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<tr>
<td>Persistence and degradability:</td>
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<td></td>
<td></td>
<td>Readily biodegradable, Photochemical decomposition in the atmosphere.</td>
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<td>Bioaccumulative potential:</td>
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<tr>
<td>Results of PBT and vPvB assessment</td>
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<td></td>
<td></td>
<td></td>
<td>No PBT substance, No vPvB substance</td>
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<td>Isopentane</td>
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</tr>
<tr>
<td>Toxicity to fish:</td>
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<td>96h</td>
<td>3,1</td>
<td>mg/l</td>
<td>Oncorhynchus mykiss</td>
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<tr>
<td>Toxicity to daphnia:</td>
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<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Persistence and degradability:</td>
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<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
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. (2014/955/EU)
07 02 13 waste plastic
20 01 39 Plastics
Recommendation:
Sewage disposal shall be discouraged.
Pay attention to local and national official regulations.
E.g. dispose at suitable refuse site.
E.g. suitable incineration plant.
For contaminated packing material
Pay attention to local and national official regulations.
Recommendation:
Recycling

SECTION 14: Transport information

General statements
UN number: n.a.
Transport by road/by rail (ADR/RID)
UN proper shipping name: n.a.
Transport hazard class(es): n.a.
Packing group: n.a.
Classification code: n.a.
LQ (ADR 2015): n.a.
Environmental hazards: Not applicable
Tunnel restriction code:

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

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

Special precautions for user
Unless specified otherwise, general measures for safe transport must be followed.
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
For classification and labelling see Section 2.
Observe restrictions:
General hygiene measures for the handling of chemicals are applicable.
15.2 Chemical safety assessment
A chemical safety assessment is not provided for mixtures.

SECTION 16: Other information

Revised sections: 3, 8, 11, 12

Classification and processes used to derive the classification of the mixture in accordance with the ordinance (EG) 1272/2008 (CLP):
Not applicable

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).
H224 Extremely flammable liquid and vapour.
H304 May be fatal if swallowed and enters airways.
H336 May cause drowsiness or dizziness.
H411 Toxic to aquatic life with long lasting effects.

Flam. Liq. — Flammable liquid
Asp. Tox. — Aspiration hazard
STOT SE — Specific target organ toxicity - single exposure - narcotic effects
Aquatic Chronic — Hazardous to the aquatic environment - chronic

Any abbreviations and acronyms used in this document:

AC Article Categories
acc., acc. to according, according to
ACGIHAmerican 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., 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 Institute for Occupational Health and Safety, Germany)
BCF Bioconcentration factor
BGV Berufsgenossenschaftliche Vorschrift (= Accident Prevention Regulation)
BHT Butylhydroxytoluol (= 2,6-Di-t-butyl-4-methyl-phenol)
BMGV Biological monitoring guidance value (EH40, UK)
BOD Biochemical oxygen demand
BSEF 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
CESIO Comité Européen des Agents de Surface et de leurs Intermédiaires Organiques
CIPAC Collaborative International Pesticides Analytical Council
CLP Classification, Labelling and Packaging (REGULATION (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures)
CMR carcinogenic, mutagenic, reproductive toxic
COD Chemical oxygen demand
CTFA Cosmetic, Toiletry, and Fragrance Association
DMEL Derived Minimum Effect Level
DNEL Derived No Effect Level
DOC Dissolved organic carbon
DT50  Dwell Time - 50% reduction of start concentration
DVS  Deutscher Verband für Schweißen und verwandte Verfahren e.V. (= German Association for Welding and Allied Processes)
dw  dry weight
e.g. for example (abbreviation of Latin 'exempli gratia'), for instance
EC  European Community
ECHA  European Chemicals Agency
EEA  European Economic Area
EEC  European Economic Community
EINECS  European Inventory of Existing Commercial Chemical Substances
ELINCS  European List of Notified Chemical Substances
EN  European Norms
EPA  United States Environmental Protection Agency (United States of America)
ERC  Environmental Release Categories
ES  Exposure scenario
etc. et cetera
EU  European Union
EWC  European Waste Catalogue
Fax  Fax number
gen. general
GHS  Globally Harmonized System of Classification and Labelling of Chemicals
GWP  Global warming potential
HET-CAM  Hen's Egg Test - Chorionallantoic Membrane
HGWP  Halocarbon Global Warming Potential
IARC  International Agency for Research on Cancer
IATA  International Air Transport Association
IBC  Intermediate Bulk Container
IBC (Code)  International Bulk Chemical (Code)
IC  Inhibitory concentration
IMDG-code  International Maritime Code for Dangerous Goods
incl.  including, inclusive
IUCLID  International Uniform Chemical Information Database
LC  lethal concentration
LC50  lethal concentration 50 percent kill
LCLo  lowest published lethal concentration
LD  Lethal Dose of a chemical
LD50  Lethal Dose, 50% kill
LDLo  Lethal Dose Low
LOAELL  lowest observed adverse effect level
LOEC  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.av.  not available
n.c.  not checked
n.d.a.  no data available
NIOSH  National Institute of Occupational Safety and Health (United States of America)
NOAEC  No Observed Adverse Effective Concentration
NOAEL  No Observed Adverse Effect Level
NOEC  No Observed Effect Concentration
NOEL  No Observed Effect Level
ODP  Ozone Depletion Potential
OECD  Organisation for Economic Co-operation and Development
org.  organic
PAH  polycyclic aromatic hydrocarbon
PBT  persistent, bioaccumulative and toxic
PC  Chemical product category
PE  Polyethylene
PNEC  Predicted No Effect Concentration
POCP  Photochemical ozone creation potential
ppm parts per million
PROC Process category
PTFE Polytetrafluorethylene
REACH Registration, Evaluation, Authorisation and Restriction of Chemicals (REGULATION (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals)
REACH-IT List-No. 9xx-xxx-x No. is automatically assigned, e.g. to pre-registrations without a CAS No. or other numerical identifier. List Numbers do not have any legal significance, rather they are purely technical identifiers for processing a submission via REACH-IT.
RID Règlement concernant le transport International ferroviaire de marchandises Dangereuses (= Regulation concerning the International Carriage of Dangerous Goods by Rail)
SADT Self-Accelerating Decomposition Temperature
SAR Structure Activity Relationship
SU Sector of use
SVHC Substances of Very High Concern
Tel. Telephone
ThOD Theoretical oxygen demand
TOC Total organic carbon
TRGS Technische Regeln für Gefahrstoffe (=Technical Regulations for Hazardous Substances)
UN RTDG United Nations Recommendations on the Transport of Dangerous Goods
VbF Verordnung über brennbare Flüssigkeiten (= Regulation for flammable liquids (Austria))
VOC Volatile organic compounds
vPvB very persistent and very bioaccumulative
WHO World Health Organization
wwt wet weight

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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