SAFETY DATA SHEET
VALTTI COLOR

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

1.1 Product identifier
Product name : VALTTI COLOR
Product description : Solventborne wood stain for exterior use.

1.2 Relevant identified uses of the substance or mixture and uses advised against
Recommended use: Painting work

1.3 Details of the supplier of the safety data sheet
Manufacturer or Distributor
Tikkurila Oyj
P.O. Box 53
FI-01301 VANTAA
FINLAND
Telephone +358 20 191 2000
e-mail address of person responsible for this SDS : Tikkurila Oyj,
Product Safety,
e-mail: productssafety@tikkurila.com

1.4 Emergency telephone number
Telephone number : 112
(24h)
Supplier or Manufacturer
Telephone number : Tikkurila Oyj
+358 20 191 2000 (GMT +2) Mon-Fri 8-16

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture
Product definition : Mixture
Classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]
Flam. Liq. 3, H226
Skin Sens. 1, H317
STOT SE 3, H336
Asp. Tox. 1, H304
Aquatic Acute 1, H400
Aquatic Chronic 2, H411
The product is classified as hazardous according to Regulation (EC) 1272/2008 as amended.

2.2 Label elements
Hazard pictograms :
Signal word : Danger
**Hazard statements**
- P26 - Flammable liquid and vapor.
- H317 - May cause an allergic skin reaction.
- H304 - May be fatal if swallowed and enters airways.
- H336 - May cause drowsiness or dizziness.
- H411 - Toxic to aquatic life with long lasting effects.

**Precautionary statements**

**General**
- P101 - If medical advice is needed, have product container or label at hand.
- P102 - Keep out of reach of children.

**Prevention**
- P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- P261 - Avoid breathing vapor.
- P271 - Use only outdoors or in a well-ventilated area.
- P273 - Avoid release to the environment.
- P280 - Wear protective gloves.

**Response**
- P301 + P310 - IF SWALLOWED: Immediately call a POISON CENTER or physician.
- P331 - Do NOT induce vomiting.
- P302 + P352 - IF ON SKIN: Wash with plenty of soap and water.

**Storage**
- Not applicable.

**Disposal**
- Not applicable.

**Hazardous ingredients**
- Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics
- 2-octyl-2H-isothiazol-3-one (OIT)
- 4,5-dichloro-2-octyl-2H-isothiazol-3-one (DCOIT)

**Supplemental label elements**
- Contains small amounts of sensitizing substances: ethyl methyl ketoxime.

**2.2 Mixtures**

<table>
<thead>
<tr>
<th>Product/ingredient name</th>
<th>Identifiers</th>
<th>%</th>
<th>Classification</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, &lt; 2% aromatics</td>
<td>REACH #: 01-2119457273-39 EC: 918-481-9</td>
<td>≤10</td>
<td>Asp. Tox. 1, H304 EUH066</td>
<td>-</td>
</tr>
<tr>
<td>Hexanoic acid, 2-ethyl-, zinc salt, basic</td>
<td>REACH #: 01-2119979093-30 EC: 286-272-3 CAS: 85203-81-2</td>
<td>&lt;3</td>
<td>Eye Irrit. 2, H319 Repr. 2, H361d (Unborn child) Aquatic Chronic 3, H412</td>
<td>-</td>
</tr>
<tr>
<td>Ethyl methyl ketoxime</td>
<td>REACH #: 01-2119539477-28 EC: 202-496-6 CAS: 96-29-7 Index: 616-014-00-0</td>
<td>&lt;1</td>
<td>Acute Tox. 4, H312 Eye Dam. 1, H314 Skin Sens. 1, H317 Carc. 2, H351</td>
<td>-</td>
</tr>
<tr>
<td>2-octyl-2H-isothiazol-3-one (OIT)</td>
<td>EC: 247-761-7 CAS: 26530-20-1 Index: 613-112-00-5</td>
<td>≤0,24</td>
<td>Acute Tox. 4, H302 Acute Tox. 3, H311 Acute Tox. 3, H331 Skin Corr. 1B, H314 Skin Sens. 1, H317 Aquatic Acute 1, H400 (M=10) Aquatic Chronic 1, H410 (M=10)</td>
<td>-</td>
</tr>
<tr>
<td>4,5-dichloro-2-octyl-2H-isothiazol-3-one (DCOIT)</td>
<td>EC: 264-843-8 CAS: 64359-81-5</td>
<td>≤0,22</td>
<td>Acute Tox. 4, H302 Acute Tox. 4, H312 Acute Tox. 2, H330 Skin Corr. 1C, H314 Skin Sens. 1, H317 STOT SE 3, H335 Aquatic Acute 1, H400 (M=100) Aquatic Chronic 1, H410 (M=10)</td>
<td>-</td>
</tr>
</tbody>
</table>
SECTION 4: First aid measures

4.1 Description of first aid measures

General: In all cases of doubt, or when symptoms persist, seek medical attention. Show this safety data sheet or label to the doctor if possible.

Eye contact: Check for and remove any contact lenses. Immediately flush eyes with plenty of lukewarm water, keeping eyelids open. Continue to rinse for at least 15 minutes. Get medical attention if symptoms occur.

Inhalation: Remove to fresh air. Keep person warm and at rest. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. Get medical attention.

Skin contact: Remove contaminated clothing and shoes. Wash skin thoroughly with soap and water or use recognized skin cleanser. Do NOT use solvents or thinners. Get medical attention if symptoms occur.

Ingestion: Aspiration hazard if swallowed. Can enter lungs and cause damage. If accidentally swallowed rinse the mouth with plenty of water (only if the person is conscious) and obtain immediate medical attention. Remove to fresh air and keep at rest in a position comfortable for breathing. Do NOT induce vomiting.

4.2 Most important symptoms and effects, both acute and delayed

May be fatal if swallowed and enters airways.
May cause an allergic skin reaction.
May cause drowsiness or dizziness.
See Section 11 for more detailed information on health effects and symptoms.

4.3 Indication of any immediate medical attention and special treatment needed

None.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media: Use an extinguishing agent suitable for the surrounding fire. Recommended: Alcohol resistant foam, CO₂, powders or water spray/mist.

Unsuitable extinguishing media: Do not use a direct water jet that could spread the fire.

5.2 Special hazards arising from the substance or mixture

Hazardous combustion products: When exposed to high temperatures, hazardous decomposition products may be produced, such as carbon monoxide and dioxide, smoke, oxides of nitrogen etc.

5.3 Advice for firefighters

When using water, runoff to sewer may create fire or explosion hazard.
Special protective actions for fire-fighters: Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool. This material is hazardous to aquatic organisms. Fire water contaminated with this material must be contained and prevented from being discharged to any waterway, sewer or drain.

Special protective equipment for fire-fighters: Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures: Shut off all ignition sources. No flares, smoking or flames in hazard area. Provide adequate ventilation. Avoid breathing vapor or mist. Avoid direct skin contact with product. See Section 8 for information on appropriate personal protective equipment.

6.2 Environmental precautions: Hazardous to aquatic environment. Do not allow to enter drains, water courses or soil.

6.3 Methods and materials for containment and cleaning up: Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations. Preferably clean with a detergent. Avoid using solvents.

6.4 Reference to other sections: See Section 1 for emergency contact information. See Section 13 for additional waste treatment information.

SECTION 7: Handling and storage

7.1 Precautions for safe handling: Vapors are heavier than air and may spread along floors. Vapors may form explosive mixtures with air. Prevent the creation of flammable or explosive concentrations of vapors in air and avoid vapor concentrations higher than the occupational exposure limits. Isolate from sources of heat, sparks and open flame. In addition, the product should only be used in areas from which all naked lights and other sources of ignition have been excluded. Electrical equipment should be protected to the appropriate standard. Mixture may charge electrostatically; always use earthing leads when transferring from one container to another. No sparking tools should be used. Avoid contact with skin and eyes. Avoid breathing vapor. Avoid inhalation of dust from sanding. Wear appropriate respirator when ventilation is inadequate. See Section 8 for information on appropriate personal protective equipment. Eating, drinking and smoking should be prohibited in areas where this material is handled and stored. Wash hands before breaks and immediately after handling the product. Avoid release to the environment. Risk of self-ignition! Materials such as cleaning rags and paper wipes, sanding dust and overspray containing the product, may spontaneously self-ignite some hours later. To avoid the risks of fires, all contaminated materials should be placed in a metal container filled with water and sealed or dried preferably outdoors or incinerated immediately. Contaminated materials should be removed from the workplace at the end of each working day and be stored outside.

7.2 Conditions for safe storage, including any incompatibilities: Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Store and use away from heat, sparks, open flame or any other ignition source. No smoking. Keep container tightly closed. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Recommended storage temperature is +5°C …+25°C. Store in accordance with local regulations.

7.3 Specific end use(s): None.
SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limits
No exposure limit value known.

Recommended monitoring procedures: If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment.

DNELs/DMELs
No DNELs/DMELs available.

PNECs
No PNECs available.

8.2 Exposure controls

Appropriate engineering controls
Provide adequate ventilation. Where reasonably practicable, this should be achieved by the use of local exhaust ventilation and good general extraction. Use explosion-proof ventilation equipment. If these are not sufficient to maintain concentrations of particulates and solvent vapors below the OEL, suitable respiratory protection must be worn (see Personal protection). Comply with the health and safety at work laws.

Individual protection measures

Eye/face protection: Use safety eyewear designed to protect against splash of liquids (EN166).

Hand protection: Always wear approved protective gloves against chemicals. Gloves should be replaced regularly and if there is any sign of damage to the glove material. The instructions and information provided by the glove manufacturer on use, storage, maintenance and replacement must be followed. Recommended glove material (EN374):
- > 8 hours (breakthrough time): nitrile rubber, laminated foil

Skin protection: Wear suitable protective clothing. This product is classified as flammable. If necessary, personnel should wear antistatic clothing made of natural fibers or of high-temperature-resistant synthetic fibers.

Respiratory protection: If ventilation is inadequate, use respirator that will protect against organic vapor and dust/mist. Wear a half mask or full face respirator with gas and vapor filter A and dust filter P2 during sanding (EN140:1998, EN405:2001). During continuous and long-term work the use of motor-driven or air-fed respirators is recommended (EN12941:1998). Be sure to use an approved/certified respirator or equivalent. Check that mask fits tightly and change filter regularly.

Environmental exposure controls: For information regarding environmental protection measures, please refer to section 13 for waste handling, section 7 for handling and storage and section 1.2 for relevant identified uses of the substance or mixture and uses advised against.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance

Physical state: Liquid.
Color: Clear.
Odor: Strong.
Odor threshold: Not relevant for the hazard assessment of the product.
pH: Not relevant for the hazard assessment of the product.

Melting point/freezing point: < -60 °C (hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics)
Initial boiling point and boiling range: 155 - 217 °C (hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics)
Flash point: 36 °C (hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics)
Evaporation rate: 0.11 (hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics)
Evaporation rate (butyl acetate = 1)

Flammability (solid, gas): Not applicable. Product is a liquid.
Upper/lower flammability or explosive limits: Lower: 1.4 % (hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics)  
Upper: 7.6 % (hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics)

Vapor pressure: 1 kPa (38 °C) (hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics)

Vapor density: Not available.

Density: 0.9 g/cm³

Solubility(ies): insoluble in water.

Partition coefficient: n-octanol/water: Not available.

Auto-ignition temperature: 280 - 470 °C (hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics)

Decomposition temperature: Not relevant for the hazard assessment of the product.

Viscosity: Kinematic (40°C): <20.5 mm²/s <30 s [ISO 3mm cup]

Explosive properties: No explosive ingredients present.

Oxidizing properties: No oxidizing ingredients present.

9.2 Other information
No additional information.

SECTION 10: Stability and reactivity

10.1 Reactivity: See Section 10.5.

10.2 Chemical stability: Stable under recommended storage and handling conditions (see Section 7).

10.3 Possibility of hazardous reactions: May present an explosion hazard when material is suspended in air in confined areas or equipment and subjected to spark, heat or flame.

10.4 Conditions to avoid: Avoid extreme heat and freezing. Avoid all possible sources of ignition (spark or flame).

10.5 Incompatible materials: Keep away from the following materials to prevent strong exothermic reactions: oxidizing agents strong acids strong alkalis

10.6 Hazardous decomposition products: When exposed to high temperatures, hazardous decomposition products may be produced, such as carbon monoxide and dioxide, smoke, oxides of nitrogen etc.

SECTION 11: Toxicological information

11.1 Information on toxicological effects
There is no testdata available on the product itself.
The product is classified as hazardous according to Regulation (EC) 1272/2008 as amended.
Exposure to component solvent vapor concentrations in excess of the stated occupational exposure limit may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on the kidneys, liver and central nervous system. Symptoms and signs include headache, dizziness, fatigue, muscular weakness, drowsiness and, in extreme cases, loss of consciousness. Repeated or prolonged contact with the mixture may cause removal of natural fat from the skin, resulting in non-allergic contact dermatitis and absorption through the skin. If splashed in the eyes, the liquid may cause irritation and reversible damage. Ingestion may cause nausea, diarrhea and vomiting.

Acute toxicity
**Product/ingredient name** | **Result** | **Species** | **Dose** | **Exposure**
--- | --- | --- | --- | ---
2-octyl-2H-isothiazol-3-one (OIT) | LD50 Dermal | Rabbit | 690 mg/kg | -
 | LD50 Oral | Rat | 550 mg/kg | -
4,5-dichloro-2-octyl-2H-isothiazol-3-one (DCOIT) | LD50 Oral | Rat | 1636 mg/kg | -

Not classified.

**Irritation/Corrosion**
Not classified.

**Sensitization**
May cause an allergic skin reaction.
Contains following preservatives or other biocides:
2-octyl-2H-isothiazol-3-one (OIT)
4,5-dichloro-2-octyl-2H-isothiazol-3-one (DCOIT)
Contains small amounts of sensitizing substances:
ethyl methyl ketoxime

**Mutagenicity**
Not classified.

**Carcinogenicity**
Not classified.

**Reproductive toxicity**
Not classified.

**Teratogenicity**
Not classified.

**Specific target organ toxicity (single exposure)**
May cause drowsiness or dizziness.

**Specific target organ toxicity (repeated exposure)**
Not classified.

**Aspiration hazard**
May be fatal if swallowed and enters airways.

### SECTION 12: Ecological information

Ecological testing has not been conducted on this product.
Do not allow to enter drains, water courses or soil.

The product is classified as environmentally hazardous according to Regulation (EC) 1272/2008.
Toxic to aquatic life with long lasting effects.

#### 12.1 Toxicity

<table>
<thead>
<tr>
<th>Product/ingredient name</th>
<th>Result</th>
<th>Species</th>
<th>Exposure</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-octyl-2H-isothiazol-3-one (OIT)</td>
<td>EC50 0.32 mg/l</td>
<td>Daphnia - Daphnia magna</td>
<td>48 hours</td>
</tr>
<tr>
<td></td>
<td>LC50 0.047 mg/l</td>
<td>Fish - Oncorhynchus mykiss</td>
<td>96 hours</td>
</tr>
<tr>
<td></td>
<td>Acute EC50 0.003 mg/l Fresh water</td>
<td>Algae - Pseudokirchneriella subcapitata</td>
<td>72 hours</td>
</tr>
<tr>
<td></td>
<td>Acute EC50 0.004 mg/l Fresh water</td>
<td>Daphnia - Daphnia magna - Neonate</td>
<td>48 hours</td>
</tr>
</tbody>
</table>

4,5-dichloro-2-octyl-2H-isothiazol-3-one (DCOIT)

<table>
<thead>
<tr>
<th>Product/ingredient name</th>
<th>Result</th>
<th>Species</th>
<th>Exposure</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute EC50 0.004 mg/l Fresh water</td>
<td>Daphnia - Daphnia magna - Neonate</td>
<td>48 hours</td>
<td></td>
</tr>
</tbody>
</table>

#### 12.2 Persistence and degradability
No specific data.
12.3 Bioaccumulative potential

<table>
<thead>
<tr>
<th>Product/ingredient name</th>
<th>LogP&lt;sub&gt;ow&lt;/sub&gt;</th>
<th>Bioconcentration factor [BCF]</th>
<th>Potential</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-octyl-2H-isothiazol-3-one (OIT)</td>
<td>2.45</td>
<td>-</td>
<td>low</td>
</tr>
<tr>
<td>ethyl methyl ketoxime</td>
<td>0.63</td>
<td>2.5 to 5.8</td>
<td>low</td>
</tr>
<tr>
<td>Hexanoic acid, 2-ethyl-, zinc salt, basic</td>
<td>-</td>
<td>60960</td>
<td>high</td>
</tr>
</tbody>
</table>

12.4 Mobility in soil

- Soil/water partition coefficient (K<sub>oc</sub>): Not available.
- Mobility: Not available.

12.5 Results of PBT and vPvB assessment

This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

12.6 Other adverse effects: Not available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product

Methods of disposal: Remove as much product as possible from the tools before cleaning. Liquid residue and cleaning liquids are hazardous waste and must not be emptied into drains or sewage system, but handled in accordance with national regulations. Product residues should be left at special companies which have permission for gathering this kind of wastes.

European waste catalogue (EWC)

<table>
<thead>
<tr>
<th>Waste code</th>
<th>Waste designation</th>
</tr>
</thead>
<tbody>
<tr>
<td>08 01 11*</td>
<td>waste paint and varnish containing organic solvents or other hazardous substances</td>
</tr>
</tbody>
</table>

If this product is mixed with other wastes, the original waste product code may no longer apply and the appropriate code should be assigned. For further information, contact your local waste authority.

Packaging

Methods of disposal: Empty packaging should be disposed of in accordance with national regulations.

Special precautions: **Risk of self-ignition!** Materials such as cleaning rags and paper wipes, sanding dust and overspray containing the product, may spontaneously self-ignite some hours later. To avoid the risks of fires, waste like this should be placed in a metal container filled with water and sealed before disposal, or dried preferably outdoors or incinerated immediately.

SECTION 14: Transport information

<table>
<thead>
<tr>
<th>14.1 UN number</th>
<th>14.2 UN proper shipping name</th>
<th>14.3 Transport hazard class(es)</th>
</tr>
</thead>
<tbody>
<tr>
<td>UN1263</td>
<td>PAINT</td>
<td>3</td>
</tr>
<tr>
<td>UN1263</td>
<td>PAINT</td>
<td>3</td>
</tr>
<tr>
<td>UN1263</td>
<td>PAINT</td>
<td>3</td>
</tr>
</tbody>
</table>
### SECTION 15: Regulatory information

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

**EU Regulation (EC) No. 1907/2006 (REACH)**

**Product/ingredient name**

<table>
<thead>
<tr>
<th>Hexanoic acid, 2-ethyl-, zinc salt, basic ethyl methyl ketoxime</th>
<th>Carcinogenic effects</th>
<th>Mutagenic effects</th>
<th>Developmental effects</th>
<th>Fertility effects</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>-</td>
<td>-</td>
<td>Repr. 2, H361d (Unborn child)</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>Carc. 2, H351</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

**VOC Directive**

This product is in scope of Directive 2004/42/CE.

**15.2 Chemical Safety Assessment**

This product contains substances for which Chemical Safety Assessments are still required.

### SECTION 16: Other information

**Indicates information that has changed from previously issued version.**

**Abbreviations and acronyms**

- ATE = Acute Toxicity Estimate
- CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]
- DMEL = Derived Minimal Effect Level
- DNEL = Derived No Effect Level
- EUH statement = CLP-specific Hazard statement
- PBT = Persistent, Bioaccumulative and Toxic
- PNEC = Predicted No Effect Concentration
- RRN = REACH Registration Number
- vPvB = Very Persistent and Very Bioaccumulative

Procedure used to derive the classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]

<table>
<thead>
<tr>
<th>Classification</th>
<th>Justification</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>
**Full text of abbreviated H statements**

<table>
<thead>
<tr>
<th>H Statement</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>H226</td>
<td>Flammable liquid and vapor.</td>
</tr>
<tr>
<td>H302</td>
<td>Harmful if swallowed.</td>
</tr>
<tr>
<td>H304</td>
<td>May be fatal if swallowed and enters airways.</td>
</tr>
<tr>
<td>H311</td>
<td>Toxic in contact with skin.</td>
</tr>
<tr>
<td>H312</td>
<td>Harmful in contact with skin.</td>
</tr>
<tr>
<td>H314</td>
<td>Causes severe skin burns and eye damage.</td>
</tr>
<tr>
<td>H317</td>
<td>May cause an allergic skin reaction.</td>
</tr>
<tr>
<td>H318</td>
<td>Causes serious eye damage.</td>
</tr>
<tr>
<td>H319</td>
<td>Causes serious eye irritation.</td>
</tr>
<tr>
<td>H330</td>
<td>Fatal if inhaled.</td>
</tr>
<tr>
<td>H331</td>
<td>Toxic if inhaled.</td>
</tr>
<tr>
<td>H335</td>
<td>May cause respiratory irritation.</td>
</tr>
<tr>
<td>H336</td>
<td>May cause drowsiness or dizziness.</td>
</tr>
<tr>
<td>H351</td>
<td>Suspected of causing cancer.</td>
</tr>
<tr>
<td>H361d</td>
<td>Suspected of damaging the unborn child.</td>
</tr>
<tr>
<td>H400</td>
<td>Very toxic to aquatic life.</td>
</tr>
<tr>
<td>H410</td>
<td>Very toxic to aquatic life with long lasting effects.</td>
</tr>
<tr>
<td>H411</td>
<td>Toxic to aquatic life with long lasting effects.</td>
</tr>
<tr>
<td>H412</td>
<td>Harmful to aquatic life with long lasting effects.</td>
</tr>
</tbody>
</table>

**Full text of classifications [CLP/GHS]**

<table>
<thead>
<tr>
<th>Classification</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute Tox. 2, H330</td>
<td>ACUTE TOXICITY (inhalation) - Category 2</td>
</tr>
<tr>
<td>Acute Tox. 3, H311</td>
<td>ACUTE TOXICITY (dermal) - Category 3</td>
</tr>
<tr>
<td>Acute Tox. 3, H331</td>
<td>ACUTE TOXICITY (inhalation) - Category 3</td>
</tr>
<tr>
<td>Acute Tox. 4, H302</td>
<td>ACUTE TOXICITY (oral) - Category 4</td>
</tr>
<tr>
<td>Acute Tox. 4, H312</td>
<td>ACUTE TOXICITY (dermal) - Category 4</td>
</tr>
<tr>
<td>Aquatic Acute 1, H400</td>
<td>AQUATIC HAZARD (ACUTE) - Category 1</td>
</tr>
<tr>
<td>Aquatic Chronic 1, H410</td>
<td>AQUATIC HAZARD (LONG-TERM) - Category 1</td>
</tr>
<tr>
<td>Aquatic Chronic 2, H411</td>
<td>AQUATIC HAZARD (LONG-TERM) - Category 2</td>
</tr>
<tr>
<td>Aquatic Chronic 3, H412</td>
<td>AQUATIC HAZARD (LONG-TERM) - Category 3</td>
</tr>
<tr>
<td>Asp. Tox. 1, H304</td>
<td>ASPIRATION HAZARD - Category 1</td>
</tr>
<tr>
<td>Carc. 2, H351</td>
<td>CARCINOGENICITY - Category 2</td>
</tr>
<tr>
<td>EUH066</td>
<td>Repeated exposure may cause skin dryness or cracking.</td>
</tr>
<tr>
<td>Eye Dam. 1, H318</td>
<td>SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 1</td>
</tr>
<tr>
<td>Eye Irrit. 2, H319</td>
<td>SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 2</td>
</tr>
<tr>
<td>Flam. Liq. 3, H226</td>
<td>FLAMMABLE LIQUIDS - Category 3</td>
</tr>
<tr>
<td>Repr. 2, H361d</td>
<td>TOXIC TO REPRODUCTION (Unborn child) - Category 2</td>
</tr>
<tr>
<td>Skin Corr. 1B, H314</td>
<td>SKIN CORROSION/IRRITATION - Category 1B</td>
</tr>
<tr>
<td>Skin Corr. 1C, H314</td>
<td>SKIN CORROSION/IRRITATION - Category 1C</td>
</tr>
<tr>
<td>Skin Sens. 1, H317</td>
<td>SKIN SENSITIZATION - Category 1</td>
</tr>
<tr>
<td>STOT SE 3, H335</td>
<td>SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Respiratory tract irritation) - Category 3</td>
</tr>
<tr>
<td>STOT SE 3, H336</td>
<td>SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Narcotic effects) - Category 3</td>
</tr>
</tbody>
</table>

**Notice to reader**

This Safety Data Sheet is prepared in accordance with Annex II (EU) No 830/2015 to Regulation (EC) No 1907/2006 (REACH). The information contained in this Safety Data Sheet is based on the present state of knowledge and current EU and national legislation. It provides guidance on health, safety and environmental aspects of the product and should not be construed as any guarantee of technical performance or suitability for particular applications.