1.1. Product identifier

163 System-Wirkstoff 375 ml AB

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

Use of the substance/mixture
Additive

1.3. Details of the supplier of the safety data sheet

Company name: TUNAP GmbH & Co. KG
Street: Bürgermeister-Seidl-Str. 2
Place: D-82515 Wolfratshausen
Telephone: +49 (0) 8171/1600 - 0
Fax: +49 (0) 8171/1600 - 40
E-mail: sdb@tunap.com
Internet: www.tunap.com

1.4. Emergency telephone number:
+49 (0) 30 30 686 790 (Giftnotruf Berlin)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Regulation (EC) No. 1272/2008

Hazard categories:
Flammable liquid: Flam. Liq. 3
Aspiration hazard: Asp. Tox. 1
Skin corrosion/irritation: Skin Irrit. 2
Serious eye damage/eye irritation: Eye Dam. 1
Specific target organ toxicity - single exposure: STOT SE 3
Specific target organ toxicity - repeated exposure: STOT RE 1
Specific target organ toxicity - repeated exposure: STOT RE 2
Hazardous to the aquatic environment: Aquatic Chronic 2

Hazard Statements:
Flammable liquid and vapour.
May be fatal if swallowed and enters airways.
Causes skin irritation.
Causes serious eye damage.
May cause drowsiness or dizziness.
Causes damage to organs through prolonged or repeated exposure.
May cause damage to organs through prolonged or repeated exposure.
Toxic to aquatic life with long lasting effects.

2.2. Label elements

Regulation (EC) No. 1272/2008

Hazard components for labelling
Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclicity, aromatics (2-25 %)
potassium 1,2-bis(2-ethylhexyloxy carbonyl)ethanesulphonate
Oxirane, 2-ethyl-, homopolymer, 3-aminopropyl C11-14-isoalkyl ethers, C13-rich
Naphtha (petroleum), hydrosulfurized heavy; Low boiling point hydrogen treated naphtha

Signal word: Danger
Pictograms:

Hazard statements
- H226 Flammable liquid and vapour.
- H315 Causes skin irritation.
- H318 Causes serious eye damage.
- H336 May cause drowsiness or dizziness.
- H372 Causes damage to organs through prolonged or repeated exposure.
- H304 May be fatal if swallowed and enters airways.
- H411 Toxic to aquatic life with long lasting effects.

Precautionary statements
- P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- P260 Do not breathe vapours.
- P273 Avoid release to the environment.
- P280 Wear eye protection.
- P302+P352 IF ON SKIN: Wash with plenty of soap and water.
- P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
- P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
- P310 Immediately call a POISON CENTER/doctor.

2.3. Other hazards
The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

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>
<th>GHS Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>64742-82-1</td>
<td>Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25 %)</td>
<td>50 - &lt;= 100 %</td>
<td>919-446-0</td>
<td>01-2119458049-33</td>
<td>Flamm. Liq. 3, STOT SE 3, STOT RE 1, Asp. Tox. 1, Aquatic Chronic 2; H226 H336 H372 H304 H411 EUH066</td>
<td></td>
</tr>
<tr>
<td>7491-09-0</td>
<td>Potassium 1,2-bis(2-ethylhexyloxy carbonyl)jethanesulphonate</td>
<td>10 - &lt; 20 %</td>
<td>231-308-5</td>
<td>01-2119919740-39</td>
<td>Skin Irrit. 2, Eye Dam. 1; H315 H318</td>
<td></td>
</tr>
<tr>
<td>64742-47-8</td>
<td>Distillates (petroleum), hydrotreated light, Kerosine - unspecified</td>
<td>10 - &lt; 20 %</td>
<td>265-149-8</td>
<td></td>
<td>Flamm. Liq. 3, Asp. Tox. 1; H226 H304</td>
<td></td>
</tr>
<tr>
<td>1398506-12-1</td>
<td>Oxirane, 2-ethyl-, homopolymer, 3-aminopropyl C11-14-isoalkyl ethers, C13-rich</td>
<td>1 - &lt; 3 %</td>
<td>805-631-2</td>
<td></td>
<td>Acute Tox. 4, Eye Dam. 1, Aquatic Chronic 2; H302 H318 H411</td>
<td></td>
</tr>
<tr>
<td>907-745-9</td>
<td>Reaction mass of 2,6-di-tert-butyphenol and 2,4,6-tri-tert-butyphenol</td>
<td>1 - &lt; 3 %</td>
<td>01-2119538013-5</td>
<td></td>
<td>Eye Dam. 1, Aquatic Acute 1, Aquatic Chronic 1; H318 H400 H410</td>
<td></td>
</tr>
</tbody>
</table>

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

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

**General information**
First aider: Pay attention to self-protection! Remove persons to safety. Never give anything by mouth to an unconscious person or a person with cramps.

**After inhalation**
Remove person to fresh air and keep comfortable for breathing. In all cases of doubt, or when symptoms persist, seek medical advice.

**After contact with skin**
Wash with plenty of water and soap. Take off immediately all contaminated clothing and wash it before reuse. In all cases of doubt, or when symptoms persist, seek medical advice.

**After contact with eyes**
Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. In case of troubles or persistent symptoms, consult an ophthalmologist.

**After ingestion**
Do NOT induce vomiting. Observe risk of aspiration if vomiting occurs. Call a physician in any case!

#### 4.2. Most important symptoms and effects, both acute and delayed

**Headache, nausea, dizziness, fatigue, skin irritation**

#### 4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically. Call a POISON CENTER. Symptoms can occur only after several hours.

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media
Suitable extinguishing media

Unsuitable extinguishing media
High power water jet.

5.2. Special hazards arising from the substance or mixture
Incomplete combustion and thermolysis gases of different toxicity can occur. In the case of hydrocarbonaceous products such as CO, CO2, aldehydes and soot. These can be very dangerous if they are inhaled in high concentrations or in enclosed spaces.

5.3. Advice for firefighters
In case of fire and/or explosion do not breathe fumes. Move undamaged containers from immediate hazard area if it can be done safely. In case of fire: Wear self-contained breathing apparatus.

Additional information
Use water spray jet to protect personnel and to cool endangered containers. Suppress gases/vapours/mists with water spray jet. 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
Wear breathing apparatus if exposed to vapours/dusts/aerosols. Remove all sources of ignition. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

6.2. Environmental precautions
Do not allow to enter into surface water or drains. Prevent spread over a wide area (e.g. by containment or oil barriers). Ensure all waste water is collected and treated via a waste water treatment plant.

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). Clean contaminated articles and floor according to the environmental legislation.

6.4. Reference to other sections
Safe handling: see section 7
Personal protection equipment: see section 8
Disposal: see section 13

SECTION 7: Handling and storage

7.1. Precautions for safe handling
Advice on safe handling
Observe instructions for use.
Dust must be exhausted directly at the point of origin. Vapours/aerosols must be exhausted directly at the point of origin. If local exhaust ventilation is not possible or not sufficient, the entire working area should be ventilated by technical means.
When using do not eat, drink, smoke, sniff.
Wear personal protection equipment (refer to section 8).

Advice on protection against fire and explosion
Keep away from sources of ignition - No smoking.

Further information on handling
Avoid contact with skin and eyes.

7.2. Conditions for safe storage, including any incompatibilities
Requirements for storage rooms and vessels
Keep container tightly closed. Observe legal regulations and provisions.
Hints on joint storage
Do not store together with: Oxidizing agents. Pyrophoric or self-heating substances. Food and feedingstuffs.

Further information on storage conditions
Store in a cool dry place. Observe legal regulations and provisions.

7.3. Specific end use(s)
Fuel additive

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

DNEL/DMEL values

<table>
<thead>
<tr>
<th>CAS No</th>
<th>Substance</th>
</tr>
</thead>
<tbody>
<tr>
<td>7491-09-0</td>
<td>potassium 1,2-bis(2-ethylhexyloxycarbonyl)ethanesulphonate</td>
</tr>
</tbody>
</table>

Worker DNEL, long-term
- Inhalation: systemic, 98.7 mg/m³
- Dermal: systemic, 10 mg/kg bw/day
- Oral: systemic, 5 mg/kg bw/day

Consumer DNEL, long-term
- Inhalation: systemic, 14.8 mg/m³
- Dermal: systemic, 5 mg/kg bw/day
- Oral: systemic, 5 mg/kg bw/day

Reaction mass of 2,6-di-tert-butylphenol and 2,4,6-tri-tert-butylphenol
- Inhalation: systemic, 3.5 mg/m³
- Dermal: systemic, 0.5 mg/kg bw/day

PNEC values

<table>
<thead>
<tr>
<th>CAS No</th>
<th>Substance</th>
</tr>
</thead>
<tbody>
<tr>
<td>7491-09-0</td>
<td>potassium 1,2-bis(2-ethylhexyloxycarbonyl)ethanesulphonate</td>
</tr>
</tbody>
</table>

Freshwater
- 0.007 mg/l

Marine water
- 0.011 mg/l

Freshwater sediment
- 0.525 mg/kg

Marine sediment
- 0.052 mg/kg

Micro-organisms in sewage treatment plants (STP)
- 122 mg/l

Soil
- 0.101 mg/kg

Reaction mass of 2,6-di-tert-butylphenol and 2,4,6-tri-tert-butylphenol

Freshwater
- 0.0003 mg/l

Marine water
- 0.00003 mg/l

Marine sediment
- 0.009 mg/kg

Secondary poisoning
- 8.33 mg/kg

Micro-organisms in sewage treatment plants (STP)
- 2.4 mg/l

Soil
- 0.044 mg/kg

Additional advice on limit values
a) no restriction
b) End of exposure or end of shift
8.2. Exposure controls

**Appropriate engineering controls**
- If handled uncovered, arrangements with local exhaust ventilation have to be used. Do not breathe gas/fumes/vapour/spray.

**Protective and hygiene measures**
- Avoid exposure. Wear suitable protective clothing. Draw up and observe skin protection programme.

**Eye/face protection**
- Suitable eye protection: Tightly sealed safety glasses.
  - DIN EN 166

**Hand protection**
- Protect skin by using skin protective cream. When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits. The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances.
  - Suitable material: NBR (Nitrile rubber) Breakthrough time (maximum wearing time) 480 min
  - Thickness of the glove material 0,45 mm
  - DIN EN 374

**Skin protection**
- Wear suitable protective clothing. Take off immediately all contaminated clothing and wash it before reuse.

**Respiratory protection**
- Wear breathing apparatus if exposed to vapours/dusts/aerosols.
  - When exceeding the relevant workplace exposure limits, note the following:
  - Suitable respiratory protective equipment: Combination filter device (DIN EN 141).
  - Filtering device with filter or ventilator filtering device of type: A
  - Observe the wear time limits as specified by the manufacturer.
  - Observe legal regulations and provisions.

**Environmental exposure controls**
- Observe legal regulations and provisions.

### SECTION 9: Physical and chemical properties

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

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical state</td>
<td>liquid</td>
</tr>
<tr>
<td>Colour</td>
<td>yellow, clear</td>
</tr>
<tr>
<td>Odour</td>
<td>solvent like</td>
</tr>
</tbody>
</table>

**Test method**

**pH-Value (at 20 °C):**

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Changes in the physical state</strong></td>
<td></td>
</tr>
<tr>
<td>Initial boiling point and boiling range:</td>
<td>110 °C</td>
</tr>
<tr>
<td>Flash point</td>
<td>30 °C</td>
</tr>
<tr>
<td>Lower explosion limits:</td>
<td>0,6 vol. %</td>
</tr>
<tr>
<td>Upper explosion limits:</td>
<td>7 vol. %</td>
</tr>
</tbody>
</table>

**Auto-ignition temperature**
- Solid: No information available.
**163 System-Wirkstoff 375 ml AB**

**Product code:** 11AMP16300375AB  
**Print date:** 28.06.2019  
**Page 7 of 13**

**Gas:** not applicable  
**Vapour pressure:** not determined  
**Vapour pressure:** No information available.  
**Density (at 20 °C):** 0.8225 g/cm³  
**Partition coefficient:** not determined  
**Viscosity / dynamic:** DIN 53019-1  
**Viscosity / kinematic:** < 7 mm²/s

### 9.2 Other information

#### SECTION 10: Stability and reactivity

**10.1 Reactivity**  
Flammable, Ignition hazard.

**10.2 Chemical stability**  
The product is stable under normal conditions.

**10.3 Possibility of hazardous reactions**  
No hazardous reaction when handled and stored according to provisions.

**10.4 Conditions to avoid**  
Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

**10.5 Incompatible materials**  
Oxidizing agents. Pyrophoric or self-heating substances.

**10.6 Hazardous decomposition products**  
Incomplete combustion and thermolysis gases of different toxicity can occur. In the case of hydrocarbonaceous products such as CO, CO₂, aldehydes and soot. These can be very dangerous if they are inhaled in high concentrations or in enclosed spaces.

### Further information

Do not mix with other chemicals.

#### SECTION 11: Toxicological information

**11.1 Information on toxicological effects**

**Toxicocinetics, metabolism and distribution**  
There are no data available on the mixture itself.

**Acute toxicity**  
Based on available data, the classification criteria are not met.
Irritation and corrosivity
Causes skin irritation.
Causes serious eye damage.
Caution if victim vomits: Risk of aspiration! Vapours may cause drowsiness and dizziness.

Sensitising effects
Based on available data, the classification criteria are not met.

Carcinogenic/mutagenic/toxic effects for reproduction
Based on available data, the classification criteria are not met.
No indications of human carcinogenicity exist.
No indications of human germ cell mutagenicity exist.
No indications of human reproductive toxicity exist.

STOT-single exposure
May cause drowsiness or dizziness. (Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25 %))

STOT-repeated exposure
Causes damage to organs through prolonged or repeated exposure. (Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25 %))
Has degreasing effect on the skin. Frequently or prolonged contact with skin may cause dermal irritation.

Aspiration hazard
May be fatal if swallowed and enters airways. (Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25 %); Distillates (petroleum), hydrotreated light, Kerosine - unspecified)

Specific effects in experiment on an animal
No information available.
The mixture is classified as hazardous according to regulation (EC) No 1272/2008 [CLP].

12.1. Toxicity

Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

<table>
<thead>
<tr>
<th>CAS No</th>
<th>Chemical name</th>
</tr>
</thead>
<tbody>
<tr>
<td>64742-82-1</td>
<td>Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25 %)</td>
</tr>
<tr>
<td></td>
<td>Acute fish toxicity:</td>
</tr>
<tr>
<td></td>
<td>LC50: 10 - 30 mg/l, 96 h, Leuciscus idus (golden orfe)</td>
</tr>
<tr>
<td></td>
<td>ER: 4.6 - 10 mg/l, 72 h, Pseudokirchneriella subcapitata</td>
</tr>
<tr>
<td></td>
<td>Acute crustacea toxicity:</td>
</tr>
<tr>
<td></td>
<td>EC50: 10 - 22 mg/l, 48 h, Daphnia magna</td>
</tr>
<tr>
<td>7491-09-0</td>
<td>Potassium 1,2-bis(2-ethylhexyloxycarbonyl)ethanesulphonate</td>
</tr>
<tr>
<td></td>
<td>Acute fish toxicity:</td>
</tr>
<tr>
<td></td>
<td>LC50: 49 mg/l, 96 h, Brachydanio rerio (zebra-fish)</td>
</tr>
<tr>
<td></td>
<td>ER: 39.3 mg/l, 72 h, Desmodesmus subspicatus</td>
</tr>
<tr>
<td></td>
<td>Acute crustacea toxicity:</td>
</tr>
<tr>
<td></td>
<td>EC50: &gt; 30 mg/l, 48 h, Daphnia magna</td>
</tr>
</tbody>
</table>

12.2. Persistence and degradability

There are no data available on the mixture itself. AOX (mg/l): 0

12.3. Bioaccumulative potential

There are no data available on the mixture itself.

Partition coefficient n-octanol/water

<table>
<thead>
<tr>
<th>CAS No</th>
<th>Chemical name</th>
<th>Log Pow</th>
</tr>
</thead>
<tbody>
<tr>
<td>7491-09-0</td>
<td>Potassium 1,2-bis(2-ethylhexyloxycarbonyl)ethanesulphonate</td>
<td>1.998</td>
</tr>
<tr>
<td></td>
<td>Reaction mass of 2,6-di-tert-butylphenol and 2,4,6-tri-tert-butylphenol</td>
<td>4.5 - 5.3</td>
</tr>
</tbody>
</table>
12.4. Mobility in soil
No information available.

12.5. Results of PBT and vPvB assessment
This substance does not meet the criteria for classification as PBT or vPvB.

12.6. Other adverse effects
No information available.

Further information
Do not allow to enter into surface water or drains.

SECTION 13: Disposal considerations

13.1. Waste treatment methods
Advice on disposal
Do not allow to enter into surface water or drains. Dispose of waste according to applicable legislation.

Waste disposal number of waste from residues/unused products
070704 WASTES FROM ORGANIC CHEMICAL PROCESSES; wastes from the MFSU of fine chemicals and chemical products not otherwise specified; other organic solvents, washing liquids and mother liquors; hazardous waste

Waste disposal number of used product
070704 WASTES FROM ORGANIC CHEMICAL PROCESSES; wastes from the MFSU of fine chemicals and chemical products not otherwise specified; other organic solvents, washing liquids and mother liquors; hazardous waste

Waste disposal number of contaminated packaging
150110 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately collected municipal packaging waste); packaging containing residues of or contaminated by hazardous substances; hazardous waste

Contaminated packaging
Non-contaminated packages may be recycled. Handle contaminated packages in the same way as the substance itself.

SECTION 14: Transport information

Land transport (ADR/RID)

14.1. UN number: UN 3295
14.2. UN proper shipping name: HYDROCARBONS, LIQUID, N.O.S.
14.3. Transport hazard class(es): 3
14.4. Packing group: III
Hazard label: 3
Classification code: F1
Limited quantity: 5 L
Excepted quantity: E1
Transport category: 3
Hazard No: 30
Tunnel restriction code: D/E
Inland waterways transport (ADN)

14.1. UN number: UN 3295
14.2. UN proper shipping name: HYDROCARBONS, LIQUID, N.O.S.
14.3. Transport hazard class(es): 3
14.4. Packing group: III
Hazard label: 3
Classification code: F1
Limited quantity: 5 L
Excepted quantity: E1

Marine transport (IMDG)

14.1. UN number: UN 3295
14.2. UN proper shipping name: HYDROCARBONS, LIQUID, N.O.S. (Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25 %))
14.3. Transport hazard class(es): 3
14.4. Packing group: III
Hazard label: 3
Marine pollutant: yes
Special Provisions: 223
Limited quantity: 5 L
Excepted quantity: E1
EmS: F-E, S-D

Air transport (ICAO-TI/IATA-DGR)

14.1. UN number: UN 3295
14.2. UN proper shipping name: HYDROCARBONS, LIQUID, N.O.S.
14.3. Transport hazard class(es): 3
14.4. Packing group: III
Hazard label: 3
Special Provisions: A3 A324
Limited quantity Passenger: 10 L
Passenger LQ: Y344
Excepted quantity: E1
IATA-packing instructions - Passenger: 355
IATA-max. quantity - Passenger: 60 L
IATA-packing instructions - Cargo: 366
IATA-max. quantity - Cargo: 220 L

14.5. Environmental hazards
ENVIRONMENTALLY HAZARDOUS: yes
Danger releasing substance: Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25 %)

14.6. Special precautions for user
Warning: Combustible liquids

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code
not applicable

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):
Entry 28: Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25 %)
2010/75/EU (VOC): No information available.
2004/42/EC (VOC): No information available.

Additional information
Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH)

National regulatory information
Water contaminating class (D): 2 - clearly water contaminating

SECTION 16: Other information

Changes
This data sheet contains changes from the previous version in section(s): 15.

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)
IATA: International Air Transport Association
IMDG: International Maritime Code for Dangerous Goods
GHS: Globally Harmonized System of Classification and Labelling of Chemicals
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
DNEL/DMEL: Derived No Effect Level / Derived Minimal Effect Level
WEL (UK): Workplace Exposure Limits
TWA (EC): Time-Weighted Average
ATE: Acute Toxicity Estimate
STEL (EC) Short Term Exposure Limit
LCS50: Lethal Concentration
EC50: half maximal Effective Concentration
ErC50: means EC50 in terms of reduction of growth rate

Relevant H and EUH statements (number and full text)

H226 Flammable liquid and vapour.
H302 Harmful if swallowed.
H304 May be fatal if swallowed and enters airways.
H315 Causes skin irritation.
H318 Causes serious eye damage.
H336 May cause drowsiness or dizziness.
H372 Causes damage to organs (Central nervous system) through prolonged or repeated exposure if inhaled.
H372 Causes 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.
EUH066 Repeated exposure may cause skin dryness or cracking.

Further Information
Classification for mixtures and used evaluation method according to regulation (EC) No 1272/2008 [CLP]: Calculation method.
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.)