SECTION 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier
Product name : KARATE ZEON
Design code : A12690B

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

1.3 Details of the supplier of the safety data sheet
Company : Syngenta UK Limited
CPC4, Capital Park
Fulbourn, Cambridge
CB21 5XE

Telephone : (01223) 883400
Telefax : (01223) 882195
Website : www.syngenta.co.uk

1.4 Emergency telephone number
: +44 (0) 1484 538444

SECTION 2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture
Classification according to Regulation (EU) 1272/2008

<table>
<thead>
<tr>
<th>Hazard Class</th>
<th>Category</th>
<th>H-Statement</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute toxicity (Oral)</td>
<td>Category 4</td>
<td>H302</td>
</tr>
<tr>
<td>Acute toxicity (Inhalation)</td>
<td>Category 4</td>
<td>H332</td>
</tr>
<tr>
<td>Skin sensitisation</td>
<td>Category 1</td>
<td>H317</td>
</tr>
<tr>
<td>Acute aquatic toxicity</td>
<td>Category 1</td>
<td>H400</td>
</tr>
<tr>
<td>Chronic aquatic toxicity</td>
<td>Category 1</td>
<td>H410</td>
</tr>
</tbody>
</table>

For the full text of the H-Statements mentioned in this Section, see Section 16.

Classification according to EU Directives 67/548/EEC or 1999/45/EC

Xn, Harmful
N, Dangerous for the environment
R20/22: Harmful by inhalation and if swallowed. R43:
May cause sensitisation by skin contact.
R50/53: Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
2.2 Label elements

Labelling: Regulation (EC) No. 1272/2008

<table>
<thead>
<tr>
<th>Hazard pictograms</th>
<th>Signal Word</th>
<th>Hazard Statements</th>
<th>Precautions Statements</th>
<th>Supplemental Information</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image" alt="Exclamation Mark" /> <img src="image" alt="Tree" /></td>
<td>:Warning</td>
<td>:H302/332 Harmful if swallowed or inhaled</td>
<td>:P102 Keep out of reach of children.</td>
<td>:EUH401 To avoid risks to human health and the environment comply with the instructions for use.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>:H410 Very toxic to aquatic life with long lasting effects.</td>
<td>:P270 Do not eat, drink or smoke when using this product.</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>:P280 Wear protective gloves/protective clothing/ eye protection/face protection.</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>:P301/312 IF SWALLOWED: Call a POISON CENTER or doctor/ physician if you feel unwell.</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>:P302/352 IF ON SKIN: Wash with plenty of soap and water.</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>:P304/340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>:P391 Collect spillage.</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>:P501 Dispose of contents/container to a licensed hazardous-waste disposal contractor or collection site except for empty clean containers which can be disposed of as non-hazardous waste.</td>
<td></td>
</tr>
</tbody>
</table>

Hazardous components which must be listed on the label:
- lambda-cyhalothrin
- 1,2-benzisothiazol-3(2H)-one
Symbol(s)

Harmful

\begin{itemize}
  \item R20/22 \hspace{0.5cm} \text{Harmful by inhalation and if swallowed}
  \item R43 \hspace{0.5cm} \text{May cause sensitization by skin contact}
  \item R50/53 \hspace{0.5cm} \text{Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment}
\end{itemize}

Dangerous for the environment

\begin{itemize}
  \item S2 \hspace{0.5cm} \text{Keep out of the reach of children.}
  \item S13 \hspace{0.5cm} \text{Keep away from food, drink and animal feedingstuffs.}
  \item S20/21 \hspace{0.5cm} \text{When using do not eat, drink or smoke.}
  \item S24 \hspace{0.5cm} \text{Avoid contact with skin.}
  \item S35 \hspace{0.5cm} \text{This material and its container must be disposed of in a safe way.}
  \item S36/37 \hspace{0.5cm} \text{Wear suitable protective clothing and gloves}
  \item S57 \hspace{0.5cm} \text{Use appropriate containment to avoid environmental contamination.}
\end{itemize}

S-phrase(s)

Special labelling of certain mixtures

To avoid risks to man and the environment, comply with instructions for use.

Hazardous components which must be listed on the label:

\begin{itemize}
  \item lambda-cyhalothrin
  \item 1,2-benzisothiazol-3(2H)-one
\end{itemize}

2.3 Other hazards

May cause temporary itching, tingling, burning or numbness of exposed skin, called paresthesia.
SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixtures

Hazardous components

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS-No. EC-No. Registration number</th>
<th>Classification (67/548/EEC)</th>
<th>Classification (REGULATION (EC) No 1272/2008)</th>
<th>Concentration</th>
</tr>
</thead>
<tbody>
<tr>
<td>lambda-cyhalothrin</td>
<td>91465-08-6 415-130-7</td>
<td>T+, N</td>
<td>Acute Tox.3; H301 Acute Tox.3; H311 Acute Tox.2; H330 Aquatic Acute1; H400 Aquatic Chronic1; H410</td>
<td>9.6 % W/W</td>
</tr>
<tr>
<td>propane-1,2-diol</td>
<td>57-55-6 200-338-0</td>
<td>-</td>
<td>-</td>
<td>20 - 30 % W/W</td>
</tr>
<tr>
<td>solvent naphtha (petroleum), Highly arom.</td>
<td>64742-94-5 265-196-5 922-153-0 01-2119451097-39-0000</td>
<td>Xn, N R51/53 R65 R66</td>
<td>Asp. Tox.1; H304 Aquatic Chronic2; H411</td>
<td>5 - 10 % W/W</td>
</tr>
<tr>
<td>1,2-benzisothiazol-3(2H)-one</td>
<td>2634-33-5 220-120-9</td>
<td>Xn, N</td>
<td>Acute Tox.4; H302 Skin Irrit.2; H315 Eye Dam.1; H318 Skin Sens.1; H317 Aquatic Acute1; H400</td>
<td>0.05 - 0.1 % W/W</td>
</tr>
</tbody>
</table>

Substances for which there are Community workplace exposure limits.
For the full text of the R-phrases mentioned in this Section, see Section 16.
For the full text of the H-Statements mentioned in this Section, see Section 16.

SECTION 4. FIRST AID MEASURES

4.1 Description of first aid measures

General Advice : Have the product container, label or Material Safety Data Sheet with you when calling the Syngenta emergency number, a poison control centre or physician, or going for treatment.

Inhalation : Move the victim to fresh air. If breathing is irregular or stopped, administer artificial respiration. Keep patient warm and at rest. Call a physician or Poison Control Centre immediately.

Skin Contact : Take off all contaminated clothing immediately. Wash off immediately with plenty of water. If skin irritation persists, call a physician. Wash contaminated clothing before re-use.

Eye Contact : Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses. Immediate medical attention is required.

Ingestion : If swallowed, seek medical advice immediately and show this container or label. Do NOT induce vomiting.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms : Aspiration may cause pulmonary oedema and pneumonitis. Skin contact paresthesia effects (itching, tingling, burning or numbness) are transient, lasting up to 24 hours.
4.3 Indication of any immediate medical attention and special treatment needed

Medical advice: Do not induce vomiting: contains petroleum distillates and/or aromatic solvents. Treat symptomatically.

SECTION 5. FIREFIGHTING MEASURES

5.1 Extinguishing media
Extinguishing media - small fires
Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Extinguishing media - large fires
Use alcohol-resistant foam or water spray.
Do not use a solid water stream as it may scatter and spread fire.

5.2 Special hazards arising from the substance or mixture
As the product contains combustible organic components, fire will produce dense black smoke containing hazardous products of combustion (see section 10). Exposure to decomposition products may be a hazard to health.

5.3 Advice for fire-fighters:
Wear full protective clothing and self-contained breathing apparatus.
Do not allow run-off from fire fighting to enter drains or water courses. Cool closed containers exposed to fire with water spray.

SECTION 6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures
Refer to protective measures listed in sections 7 and 8.

6.2 Environmental precautions: Prevent further leakage or spillage if safe to do so. Do not flush into surface water or sanitary sewer system.

6.3 Methods and materials for containment and cleaning up:
Contain and collect spillage with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13). If the product contaminates rivers and lakes or drains inform respective authorities.

6.4 Reference to other sections
Refer to protective measures listed in sections 7 and 8
Refer to disposal considerations listed in section 13.

SECTION 7. HANDLING AND STORAGE

7.1 Precautions for safe handling
No special protective measures against fire required. Avoid contact with skin and eyes. When using, do not eat, drink or smoke. For personal protection see section 8.

7.2 Conditions for safe storage, including any incompatibilities
No special storage conditions required. Keep containers tightly closed in a dry, cool and well-ventilated place. Keep out of the reach of children. Keep away from food, drink and animal feeding stuffs.

7.3 Specific end uses
Registered Crop Protection products: For proper and safe use of this product, please refer to the approval conditions laid down on the product label.
8.1 Control parameters

<table>
<thead>
<tr>
<th>Components</th>
<th>Exposure limit(s)</th>
<th>Type of exposure limit</th>
<th>Source</th>
</tr>
</thead>
<tbody>
<tr>
<td>lambda-cyhalothrin</td>
<td>0.04 mg/m³ (Skin)</td>
<td>8 h TWA</td>
<td>SYNGENTA</td>
</tr>
<tr>
<td>propane-1,2-diol</td>
<td>10 mg/m³ (Particulates)</td>
<td>8 h TWA</td>
<td>UK HSE</td>
</tr>
<tr>
<td></td>
<td>150 ppm, 470 mg/m³ (Total (vapour &amp; particulates))</td>
<td>8 h TWA</td>
<td>UK HSE</td>
</tr>
<tr>
<td>Solvent naphtha (petroleum), highly arom.</td>
<td>15 ppm, 100 mg/m³</td>
<td>8 h TWA</td>
<td>SUPPLIER</td>
</tr>
<tr>
<td>sulfuric acid</td>
<td>0.02 mg/m³</td>
<td>8 h TWA</td>
<td>IOELV STM</td>
</tr>
<tr>
<td></td>
<td>0.2 mg/m³</td>
<td>8 h TWA</td>
<td></td>
</tr>
</tbody>
</table>

The following recommendations for exposure controls/personal protection are intended for the manufacture, formulation and packaging of the product.

8.2 Exposure controls

Engineering Measures : Containment and/or segregation is the most reliable technical protection measure if exposure cannot be eliminated. The extent of these protection measures depends on the actual risks in use. If airborne mist or vapours are generated, use local exhaust ventilation controls. Assess exposure and use any additional measures to keep airborne levels below any relevant exposure limit. Where necessary, seek additional occupational hygiene advice.

Protective measures : The use of technical measures should always have priority over the use of personal protective equipment. When selecting personal protective equipment, seek appropriate professional advice. Personal protective equipment should be certified to appropriate standards.

Respiratory protection : A combination gas, vapour and particulate respirator may be necessary until effective technical measures are installed. Protection provided by air-purifying respirators is limited. Use a self-contained breathing apparatus in cases of emergency spills, when exposure levels are unknown, or under any circumstances where air-purifying respirators may not provide adequate protection.

Hand protection : Chemical resistant gloves should be used. Gloves should be certified to an appropriate standard. Gloves should have a minimum breakthrough time that is appropriate to the duration of exposure. The breakthrough time of gloves varies according to the thickness, material and manufacturer. Gloves should be changed when breakthrough is suspected. Suitable material: nitrile rubber.

Eye Protection : Eye protection is not usually required. Follow any site specific eye protection policies.
Skin and body protection: Assess the exposure and select chemical resistant clothing based on the potential for contact and the permeation/penetration characteristics of the clothing material. Wash with soap and water after removing protective clothing. Decontaminate clothing before reuse, or use disposable equipment (suits, aprons, sleeves, boots, etc.). Wear as appropriate: impervious protective suit.

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>Form</td>
<td>Suspension</td>
</tr>
<tr>
<td>Colour</td>
<td>Beige to cream</td>
</tr>
<tr>
<td>Odour</td>
<td>Aromatic, weak</td>
</tr>
<tr>
<td>Odour Threshold</td>
<td>No data available</td>
</tr>
<tr>
<td>pH</td>
<td>4 – 8 at 1% and 100% w/v (25 °C)</td>
</tr>
<tr>
<td>Melting point/range</td>
<td>No data available</td>
</tr>
<tr>
<td>Boiling point/boiling range</td>
<td>100 °C</td>
</tr>
<tr>
<td>Flash point</td>
<td>&gt;103 °C at 102.3 kPa Pensky-Martens c.c.</td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>No data available</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>No data available</td>
</tr>
<tr>
<td>Lower explosion limit</td>
<td>No data available</td>
</tr>
<tr>
<td>Upper explosion limit</td>
<td>No data available</td>
</tr>
<tr>
<td>Vapour pressure</td>
<td>No data available</td>
</tr>
<tr>
<td>Relative vapour density</td>
<td>No data available</td>
</tr>
<tr>
<td>Density</td>
<td>1.057 g/cm³ at 20 °C</td>
</tr>
<tr>
<td>Solubility in other solvents</td>
<td>Miscible in water</td>
</tr>
<tr>
<td>Partition Coefficient</td>
<td>No data available</td>
</tr>
<tr>
<td>n-octanol/water</td>
<td>No data available</td>
</tr>
<tr>
<td>Autoignition temperature</td>
<td>No data available</td>
</tr>
<tr>
<td>Thermal decomposition</td>
<td>No data available</td>
</tr>
<tr>
<td>Viscosity, dynamic</td>
<td>No data available</td>
</tr>
<tr>
<td>Viscosity, kinematic</td>
<td>No data available</td>
</tr>
<tr>
<td>Explosive properties</td>
<td>Not explosive</td>
</tr>
<tr>
<td>Oxidizing properties</td>
<td>Not oxidising</td>
</tr>
</tbody>
</table>

9.2 Other information

Surface Tension: 37.0 mN/m at 20 °C

SECTION 10. STABILITY AND REACTIVITY

10.1 Reactivity: No information available
10.2 Chemical Stability: No information available
10.3 Possibility of hazardous reactions: None known. Hazardous polymerisation does not occur.
10.4 Conditions to avoid: No information available
10.5 Incompatible materials: No information available
10.6 Hazardous decomposition products: Combustion or thermal decomposition will evolve toxic and irritant vapours.
SECTION 11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute oral toxicity: Median lethal dose male rat, 334 mg/kg
Median lethal dose female rat, 404 mg/kg

Acute inhalational toxicity: LC50 rat, > 2.5 mg/l, 4 h
The toxicological data has been taken from products of similar composition.

Acute dermal toxicity: Median lethal dose rat, > 2,000 mg/kg

Skin corrosion/irritation:
Rabbit: Practically non-irritating
May cause temporary itching, tingling, burning or numbness of exposed skin, called paresthesia

Serious eye damage/eye irritation:
lambda-cyhalothrin: Rabbit: mildly irritating

Respiratory or skin sensitisation:
Buehler Test guinea pig: A mild skin sensitiser in animal tests.

Germ cell mutagenicity:
lambda-cyhalothrin: Did not show mutagenic effects in animal experiments.

Carcinogenicity:
lambda-cyhalothrin: Did not show carcinogenic effects in animal experiments.

Reproductive toxicity:
lambda-cyhalothrin: Did not show reproductive toxicity effects in animal experiments.

STOT – repeated exposure:
lambda-cyhalothrin: No adverse effect has been observed in chronic toxicity tests.

Aspiration toxicity:
Solvent naphtha (petroleum), highly arom.: May be fatal if swallowed and enters airways

SECTION 12. ECOLOGICAL INFORMATION

12.1 Toxicity

Toxicity to fish: LC50 Cyprinus carpio (carp), 0.012 mg/l, 96 h
Toxicity to aquatic invertebrates: EC50 Daphnia magna (water flea), 0.0026 mg/l, 48 h
Toxicity to aquatic plants:
lambda-cyhalothrin: ErC50 Pseudokirchneriella subcapitata (green algae) > 1 mg/l, 96h
Ebc50 Pseudokirchneriella subcapitata (green algae) > 1 mg/l, 96h
EC50 Pseudokirchneriella subcapitata (green algae) 7.9 mg/l, 72h

12.2 Persistence and degradability

Biodegradability:
lambda-cyhalothrin: Not biodegradable

Stability in water:
lambda-cyhalothrin: Degradation half life: 7 d
Not persistent in water

Stability in soil:
lambda-cyhalothrin: Degradation half life: 56 d
Not persistent in soil

12.3 Bioaccumulative potential

lambda-cyhalothrin bioaccumulates.
12.4 Mobility in soil

lambda-cyhalothrin is immobile in soil.

12.5 Results of PBT and vPvB assessment

\[
\begin{align*}
\text{lambda-cyhalothrin} & : \text{This substance is not considered to be persistent, bioaccumulating nor toxic (PBT).} \\
& \text{This substance is not considered to be very persistent nor very bioaccumulating (vPvB).}
\end{align*}
\]

Solvent naphtha (petroleum) highly arom.

\[
\begin{align*}
& \text{This substance is not considered to be persistent, bioaccumulating nor toxic (PBT).} \\
& \text{This substance is not considered to be very persistent nor very bioaccumulating (vPvB).} \\
& \text{Other adverse effects}
\end{align*}
\]

Other information : Classification of the product is based on the summation of the concentrations of classified components.

SECTION 13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Product : Do not contaminate ponds, waterways or ditches with chemical or used container. Do not dispose of waste into sewer. Where possible recycling is preferred to disposal or incineration. If recycling is not practicable, dispose of in compliance with local regulations.

Contaminated packaging : Empty remaining contents. Triple rinse containers. Empty containers should be taken for local recycling or waste disposal. Do not re-use empty containers.

SECTION 14. TRANSPORT INFORMATION

Land transport (ADR/RID)

| 14.1 UN Number | : UN 3082 |
| 14.2 UN proper shipping name | : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (LAMBDA-CYHALOTHIRIN AND SUBSTITUTED BENZENOID HYDROCARBONS) |
| 14.3 Transport hazard class(es) | : 9 |
| 14.4 Packing Group | : III |
| Labels | : 9 |
| 14.5 Environmental hazards | : Environmentally hazardous |

Sea transport (IMDG)

| 14.1 UN Number | : UN 3082 |
| 14.2 UN proper shipping name | : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (LAMBDA-CYHALOTHIRIN AND SUBSTITUTED BENZENOID HYDROCARBONS) |
| 14.3 Transport hazard class(es) | : 9 |
| 14.4 Packing Group | : III |
| Labels | : 9 |
| 14.5 Environmental hazards | : Marine pollutant |
### Air transport (IATA-DGR)

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>14.1 UN Number</td>
<td>: UN 3082</td>
</tr>
<tr>
<td>14.2 UN proper shipping name</td>
<td>: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (LAMBDA-CYHALOTHрин AND SUBSTITUTED BENZENOID HYDROCARBONS)</td>
</tr>
<tr>
<td>14.3 Transport hazard class(es)</td>
<td>: 9</td>
</tr>
<tr>
<td>14.4 Packing Group</td>
<td>: III</td>
</tr>
<tr>
<td>Labels</td>
<td>: 9</td>
</tr>
<tr>
<td>14.6 Special precautions for user</td>
<td>: None</td>
</tr>
</tbody>
</table>

### 14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

not applicable

### SECTION 15. REGULATORY INFORMATION

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

**GHS-Labelling**

**Hazard pictograms**

![Hazard pictograms](image)

**Signal Word**: Warning

**Hazard Statements**

- H302/332: Harmful if swallowed or if inhaled
- H317: May cause an allergic skin reaction.
- H410: Very toxic to aquatic life with long lasting effects.

**Precautions Statements**

- P102: Keep out of reach of children.
- P261: Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.
- P270: Do not eat, drink or smoke when using this product.
- P280: Wear protective gloves/protective clothing/ eye protection/face protection.
- P301/312: IF SWALLOWED: Call a POISON CENTER or doctor/ physician if you feel unwell.
- P302/352: IF ON SKIN: Wash with plenty of soap and water.
- P304/340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
- P391: Collect spillage.
- P501: Dispose of contents/container to a licensed hazardous-waste disposal contractor or collection site except for empty clean containers which can be disposed of as non-hazardous waste.

**Supplemental Information**

- EUH401: To avoid risks to human health and the environment comply with the instructions for use.
Hazardous components which must be listed on the label:
- lambda-cyhalothrin
- 1,2-benzisothiazol-3(2H)-one

15.2 Chemical Safety Assessment
A Chemical Safety Assessment is not required for this substance.

SECTION 16. OTHER INFORMATION

Further information
Approval number, PCS No. 04084.
Use plant protection products safely. Always read the label and product information before use.

Based upon SDS release dated 12/09/2013, version 11 with local amendment.

Full text of R-phrases referred to under sections 2 and 3:

R21 Harmful in contact with skin
R22 Harmful if swallowed
R25 Toxic if swallowed
R26 Very toxic by inhalation
R38 Irritating to skin
R41 Risk of serious damage to eyes
R43 May cause sensitisation by skin contact
R50 Very toxic to aquatic organisms
R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment
R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment
R65 Harmful: may cause lung damage if swallowed
R66 Repeated exposure may cause skin dryness or cracking

Full text of H-Statements referred to under sections 2 and 3.

H301 Toxic if swallowed
H302 Harmful if swallowed
H304 May be fatal if swallowed and enters airways.
H311 Toxic in contact with skin
H315 Causes skin irritation
H317 May cause an allergic skin reaction
H318 Causes serious eye damage
H330 Fatal if inhaled
H332 Harmful if inhaled
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

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.