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

1.1. Product identifier

Product No 5723
Product name Caspase-3 Activity Assay Kit
Kit Component Ac-DEVD-AMC Fluorescent Substrate
AMC (7-amino-4-methylcoumarin)
PathScan® Sandwich ELISA Lysis Buffer (1X)
Caspase Assay Buffer (2X)
DTT (Dithiothreitol)

Reach registration number
This substance/mixture contains only ingredients which have been registered, or are exempt from registration, according to Regulation (EC) No. 1907/2006.

Contains

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Index No.</th>
<th>CAS No</th>
</tr>
</thead>
<tbody>
<tr>
<td>(R*,R*)-1,4-dimercaptobutane-2,3-diol (90 - 100%)</td>
<td>Not Listed</td>
<td>3483-12-3</td>
</tr>
<tr>
<td>glycerol (20 - 30%)</td>
<td>Not Listed</td>
<td>56-81-5</td>
</tr>
<tr>
<td>dimethyl sulfoxide (0 - 10%)</td>
<td>Not Listed</td>
<td>67-68-5</td>
</tr>
<tr>
<td>polyethylene glycol</td>
<td>Not Listed</td>
<td>9002-93-1</td>
</tr>
<tr>
<td>p-(1,1,3,3-tetramethylbutyl)phenylether (0 - 10%)</td>
<td>009-004-00-7</td>
<td>7681-49-4</td>
</tr>
<tr>
<td>sodium fluoride (0 - 10%)</td>
<td>Not Listed</td>
<td>13472-36-1</td>
</tr>
<tr>
<td>tetrasodium pyrophosphate, decahydrate (0 - 10%)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

Identified uses For research use only

1.3. Details of the supplier of the safety data sheet

Importer (Applicable in EU only) Cell Signaling Technology Europe B.V.
Schuttersveld 2
2316 ZA Leiden
The Netherlands
TEL: +31 (0)71 7200 200
FAX: +31 (0)71 891 0098

Website www.cellsignal.com
E-mail Address info@cellsignal.eu

Manufacturer Cell Signaling Technology, Inc.
3 Trask Lane
Danvers, MA 01923
United States
TEL: +1 978 867 2300
FAX: +1 978 867 2400

Website www.cellsignal.com
E-mail Address info@cellsignal.eu

1.4. Emergency telephone number

CHEMTREC 24 hours a day, 7 days a week, 365 days a year
+1 703 527 3887 (INTERNATIONAL) +1 800 424 9300 (NORTH AMERICA)

Europe 112
SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Regulation (EC) No. 1272/2008

Classification and label elements described below are inclusive of all hazards of the combined kit. The most severe classifications are listed for each endpoint. Refer to individual kit component SDS for classification and label elements for each component present in the kit.

<table>
<thead>
<tr>
<th>Acute oral toxicity</th>
<th>Category 4 - (H302)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Skin corrosion/irritation</td>
<td>Category 2 - (H315)</td>
</tr>
<tr>
<td>Serious eye damage/eye irritation</td>
<td>Category 2 - (H319)</td>
</tr>
<tr>
<td>Specific target organ toxicity - single exposure (STOT SE)</td>
<td>Category 3 - (H335)</td>
</tr>
</tbody>
</table>

2.2. Label elements

<table>
<thead>
<tr>
<th>Signal word</th>
<th>Warning</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hazard statement(s)</td>
<td></td>
</tr>
<tr>
<td>H302 - Harmful if swallowed</td>
<td></td>
</tr>
<tr>
<td>H315 - Causes skin irritation</td>
<td></td>
</tr>
<tr>
<td>H319 - Causes serious eye irritation</td>
<td></td>
</tr>
<tr>
<td>H335 - May cause respiratory irritation</td>
<td></td>
</tr>
<tr>
<td>Precautionary statement(s)</td>
<td></td>
</tr>
<tr>
<td>P261 - Avoid breathing dust/fume/gas/mist/vapors/spray</td>
<td></td>
</tr>
<tr>
<td>P264 - Wash face, hands and any exposed skin thoroughly after handling</td>
<td></td>
</tr>
<tr>
<td>P270 - Do not eat, drink or smoke when using this product</td>
<td></td>
</tr>
<tr>
<td>P271 - Use only outdoors or in a well-ventilated area</td>
<td></td>
</tr>
<tr>
<td>P280 - Wear protective gloves and eye/face protection</td>
<td></td>
</tr>
<tr>
<td>P301 + P312 - IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell</td>
<td></td>
</tr>
<tr>
<td>P302 + P352 - IF ON SKIN: Wash with plenty of soap and water</td>
<td></td>
</tr>
<tr>
<td>P304 + P340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing</td>
<td></td>
</tr>
<tr>
<td>P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing</td>
<td></td>
</tr>
<tr>
<td>P312 - Call a POISON CENTER or doctor if you feel unwell</td>
<td></td>
</tr>
<tr>
<td>P330 - Rinse mouth</td>
<td></td>
</tr>
<tr>
<td>P332 + P313 - If skin irritation occurs: Get medical advice/attention</td>
<td></td>
</tr>
<tr>
<td>P337 + P313 - If eye irritation persists: Get medical advice/attention</td>
<td></td>
</tr>
<tr>
<td>P362 + P364 - Take off contaminated clothing and wash it before reuse</td>
<td></td>
</tr>
<tr>
<td>P403 + P233 - Store in a well-ventilated place. Keep container tightly closed</td>
<td></td>
</tr>
<tr>
<td>P405 - Store locked up</td>
<td></td>
</tr>
<tr>
<td>P501 - Dispose of contents/container to an approved waste disposal plant</td>
<td></td>
</tr>
</tbody>
</table>

2.3. Other hazards

For the full text of the H-phrases & EUH-phrases mentioned in this Section, see Section 16

SECTION 3. Composition/information on ingredients

<table>
<thead>
<tr>
<th>Kit Component Name</th>
<th>Ac-DEVD-AMC Fluorescent Substrate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chemical Name</td>
<td>CAS No</td>
</tr>
</tbody>
</table>

Page 2 / 10
For the full text of the H-phrases & EUH-phrases mentioned in this Section, see Section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

General advice Use first aid treatment according to the nature of the injury. When symptoms persist or in all cases of doubt seek medical advice.

Inhalation Move to fresh air.

Skin contact Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes.

Eye contact Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.

Ingestion Call a physician immediately. Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person. Rinse mouth.

4.2. Most important symptoms and effects, both acute and delayed
4.3. Indication of any immediate medical attention and special treatment needed

Notes to physician  Treat symptomatically.

**SECTION 5: Firefighting measures**

5.1. Extinguishing media

**Suitable Extinguishing Media**  Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable Extinguishing Media**  No information available.

5.2. Special hazards arising from the substance or mixture

Thermal decomposition can lead to release of irritating gases and vapors.

**Hazardous Combustion Products**  Thermal decomposition can lead to release of irritating and toxic gases and vapors.

5.3. Advice for firefighters

Wear self-contained breathing apparatus and protective suit. Use personal protective equipment.

**SECTION 6: Accidental release measures**

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel  Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak. Use personal protective equipment. Ensure adequate ventilation. Avoid dust formation. Avoid breathing vapors or mists.

For emergency responders  Use personal protection recommended in Section 8.

6.2. Environmental precautions

Should not be released into the environment. Prevent further leakage or spillage if safe to do so. Local authorities should be advised if significant spillages cannot be contained.

6.3. Methods and material for containment and cleaning up

**Methods for containment**  Prevent further leakage or spillage if safe to do so. Dam up. Soak up with inert absorbent material. Pick up and transfer to properly labeled containers. Sweep up and shovel into suitable containers for disposal. Prevent product from entering drains. Keep in suitable, closed containers for disposal.

**Methods for cleaning up**  Dam up. Soak up with inert absorbent material. Pick up and transfer to properly labeled containers. Sweep up and shovel into suitable containers for disposal. Prevent product from entering drains. Keep in suitable, closed containers for disposal.

6.4. Reference to other sections

See Sections 8 & 13 for additional information.

**SECTION 7: Handling and storage**

7.1. Precautions for safe handling

Handle in accordance with good industrial hygiene and safety practice. Use only in area provided with appropriate exhaust ventilation. Wear personal protective equipment. Prevent the formation of vapors, mists and aerosols. Do not eat, drink or smoke when using this product. Remove and wash contaminated clothing and gloves, including the inside, before re-use. Provide regular cleaning of equipment, work area and clothing.

7.2. Conditions for safe storage, including any incompatibilities

Keep container tightly closed in a dry and well-ventilated place. Keep in properly labeled containers.
7.3. Specific end use(s)
Use as a laboratory reagent.

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>European Union</th>
<th>United Kingdom</th>
<th>France</th>
<th>Spain</th>
<th>Germany</th>
</tr>
</thead>
<tbody>
<tr>
<td>glycerol</td>
<td></td>
<td>STEL 30 mg/m³</td>
<td>TWA 10 mg/m³</td>
<td>TWA 10 mg/m³</td>
<td>Ceiling / Peak: 400 mg/m³ TWA: 200 mg/m³</td>
</tr>
<tr>
<td>dimethyl sulfoxide</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>sodium fluoride</td>
<td>TWA 2.5 mg/m³</td>
<td>STEL 7.5 mg/m³</td>
<td>TWA 2.5 mg/m³</td>
<td>TWA 2.5 mg/m³</td>
<td>Skin Ceiling / Peak: 100 ppm Ceiling / Peak: 320 mg/m³ TWA: 50 ppm TWA: 160 mg/m³</td>
</tr>
<tr>
<td>tetrasodium pyrophosphate, decahydrate</td>
<td></td>
<td>STEL 15 mg/m³</td>
<td>TWA 5 mg/m³</td>
<td>TWA 5 mg/m³</td>
<td></td>
</tr>
<tr>
<td>Chemical Name</td>
<td>Italy</td>
<td>Portugal</td>
<td>Netherlands</td>
<td>Finland</td>
<td>Denmark</td>
</tr>
<tr>
<td>glycerol</td>
<td>TWA 10 mg/m³</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>dimethyl sulfoxide</td>
<td>TWA 2.5 mg/m³</td>
<td></td>
<td></td>
<td></td>
<td>TWA 50 ppm</td>
</tr>
<tr>
<td>sodium fluoride</td>
<td>TWA 2.5 mg/m³</td>
<td>TWA 10 mg/m³</td>
<td>TWA 10 mg/m³</td>
<td>TWA 10 mg/m³</td>
<td>TWA 50 ppm TWA: 160 mg/m³</td>
</tr>
<tr>
<td>tetrasodium pyrophosphate, decahydrate</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Chemical Name</td>
<td>Austria</td>
<td>Switzerland</td>
<td>Poland</td>
<td>Norway</td>
<td>Ireland</td>
</tr>
<tr>
<td>glycerol</td>
<td>SS-C**</td>
<td>TWA 50 mg/m³</td>
<td>TWA 10 mg/m³</td>
<td>TWA 10 mg/m³</td>
<td>TWA 10 mg/m³</td>
</tr>
<tr>
<td>dimethyl sulfoxide</td>
<td>H⁺</td>
<td>TWA 50 ppm</td>
<td>TWA 10 mg/m³</td>
<td>TWA 10 mg/m³</td>
<td>TWA 10 mg/m³</td>
</tr>
<tr>
<td>sodium fluoride</td>
<td>TWA 2 mg/m³</td>
<td>TWA 10 mg/m³</td>
<td>TWA 10 mg/m³</td>
<td>TWA 10 mg/m³</td>
<td>TWA 10 mg/m³</td>
</tr>
<tr>
<td>tetrasodium pyrophosphate, decahydrate</td>
<td>STEL 10 mg/m³</td>
<td>TWA 5 mg/m³</td>
<td>TWA 5 mg/m³</td>
<td>TWA 5 mg/m³</td>
<td>TWA 5 mg/m³</td>
</tr>
</tbody>
</table>

#### 8.2. Exposure controls

**Appropriate engineering controls**
Showers, eyewash stations, and ventilation systems.

**Individual protection measures, such as personal protective equipment**
- Safety glasses with side-shields
- Impervious gloves
- Wear suitable protective clothing.
- In case of inadequate ventilation wear respiratory protection.

### Environmental Exposure Controls
5723 Caspase-3 Activity Assay Kit

No information available.

SECTION 9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Information on the known physical chemical properties of each component within Kit are given below. If not included, information is either not available or not applicable. Refer to individual kit component SDS for further information.

<table>
<thead>
<tr>
<th>Kit Component</th>
<th>Ac-DEVD-AMC Fluorescent Substrate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical state</td>
<td>Solid</td>
</tr>
<tr>
<td>Appearance</td>
<td>Powder</td>
</tr>
<tr>
<td>Color</td>
<td>White</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Kit Component</th>
<th>AMC (7-amino-4-methylcoumarin)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical state</td>
<td>Liquid</td>
</tr>
<tr>
<td>Color</td>
<td>Yellow</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Kit Component</th>
<th>PathScan® Sandwich ELISA Lysis Buffer (1X)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical state</td>
<td>Liquid</td>
</tr>
<tr>
<td>Appearance</td>
<td>Clear</td>
</tr>
<tr>
<td>Color</td>
<td>Colorless</td>
</tr>
</tbody>
</table>

| pH VALUE                                               | 7.5                                                                                             |

<table>
<thead>
<tr>
<th>Kit Component</th>
<th>Caspase Assay Buffer (2X)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical state</td>
<td>Liquid</td>
</tr>
<tr>
<td>Appearance</td>
<td>Clear</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Kit Component</th>
<th>DTT (Dithiothreitol)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical state</td>
<td>Solid</td>
</tr>
<tr>
<td>Appearance</td>
<td>Powder</td>
</tr>
<tr>
<td>Color</td>
<td>White</td>
</tr>
</tbody>
</table>

SECTION 10: Stability and reactivity

10.1. Reactivity

No information available.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

Hazardous polymerization does not occur.

Hazardous reactions

None under normal processing.

10.4. Conditions to avoid

Protect from light.

10.5. Incompatible materials

Strong oxidizing agents.

10.6. Hazardous decomposition products
Thermal decomposition can lead to release of irritating gases and vapors. Carbon oxides (COx). Nitrogen oxides (NOx).

**SECTION 11: Toxicological information**

### 11.1. Information on toxicological effects

**Product Information**

This material should only be handled by, or under the close supervision of, those properly qualified in the handling and use of potentially hazardous chemicals. It should be borne in mind that the toxicological and physiological properties of this compound is not well defined.

**Component Information**

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>LD50 Oral</th>
<th>LD50 Dermal</th>
<th>LC50 Inhalation</th>
</tr>
</thead>
<tbody>
<tr>
<td>(R*,R*)-1,4-dimercaptobutane-2,3-diol</td>
<td>400 mg/kg (Rat)</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>glycerol</td>
<td>= 12600 mg/kg (Rat)</td>
<td>&gt; 10 g/kg (Rabbit)</td>
<td>&gt; 570 mg/m³ (Rat) 1 h</td>
</tr>
<tr>
<td>dimethyl sulfoxide</td>
<td>14500 mg/kg (Rat)</td>
<td>40000 mg/kg (Rat)</td>
<td>-</td>
</tr>
<tr>
<td>polyethylene glycol</td>
<td>= 1800 mg/kg (Rat)</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>p-(1,1,3,3-tetramethylbutyl)phenylether</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>sodium fluoride</td>
<td>= 52 mg/kg (Rat)</td>
<td>= 175 mg/kg (Rat)</td>
<td>-</td>
</tr>
</tbody>
</table>

**Information on likely routes of exposure**

**Inhalation**

- **Kit Component**: Ac-DEVD-AMC Fluorescent Substrate
  - **Inhalation**: May be harmful if inhaled

- **Kit Component**: DTT (Dithiothreitol)
  - **Inhalation**: Inhalation of vapors in high concentration may cause irritation of respiratory system

**Eye contact**

- **Kit Component**: PathScan® Sandwich ELISA Lysis Buffer (1X)
  - **Eye contact**: Expected to be an irritant based on components

- **Kit Component**: DTT (Dithiothreitol)
  - **Eye contact**: Contact with eyes may cause irritation

**Skin contact**

- **Kit Component**: Ac-DEVD-AMC Fluorescent Substrate
  - **Skin contact**: May cause irritation

- **Kit Component**: DTT (Dithiothreitol)
  - **Skin contact**: May cause irritation

**Ingestion**

- **Kit Component**: DTT (Dithiothreitol)
  - **Ingestion**: May be harmful if swallowed

*Delayed and immediate effects as well as chronic effects from short and long-term exposure*
### 5723 Caspase-3 Activity Assay Kit

#### Symptoms
No information available

#### Skin and Eye Corrosion/Irritation
- **Kit Component**
  - DTT (Dithiothreitol)
- **Skin corrosion/irritation**
  - Causes skin irritation
- **Serious eye damage/eye irritation**
  - Causes serious eye irritation

#### Sensitization
No information available

#### Mutagenic effects
No information available

#### Carcinogenic effects
No information available.

#### Reproductive toxicity
No information available.

#### Systemic Target Organ Toxicity (STOT)
- **Kit Component**
  - DTT (Dithiothreitol)
- **STOT - single exposure**
  - Respiratory system
- **Target Organ Effects**
  - Respiratory system, Eyes, Skin

#### Aspiration Hazard
No information available.

### SECTION 12: Ecological information

#### 12.1. Toxicity

**Product Information**

**Component Information**

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Toxicity to algae</th>
<th>Toxicity to fish</th>
<th>Toxicity to daphnia and other aquatic invertebrates</th>
</tr>
</thead>
<tbody>
<tr>
<td>glycerol</td>
<td>-</td>
<td>LC50 51 - 57 mL/L (Oncorhynchus mykiss) 96 h</td>
<td>EC50 500 mg/L (Daphnia magna) 24 h</td>
</tr>
<tr>
<td>dimethyl sulfoxide</td>
<td>EC50 12350 - 25500 mg/L (Skeletonema costatum) 96 h</td>
<td>LC50 40 g/L (Lepomis macrochir) 96 h LC50 33 - 37 g/L (Oncorhynchus mykiss) 96 h LC50 34000 mg/L (Pimephales promelas) 96 h LC50 41.7 g/L (Cyprinus carpio) 96 h</td>
<td>EC50 7000 mg/L (Daphnia species) 24 h</td>
</tr>
<tr>
<td>polyethylene glycol</td>
<td>-</td>
<td>LC50 8.9 mg/l (Pimephales promelas) 96 h</td>
<td>EC50 26 mg/l (Daphnia) 48 h</td>
</tr>
<tr>
<td>p-(1,1,3,3-tetramethylbutyl)phenylether</td>
<td>-</td>
<td>LC50 530 mg/L (Lepomis macrochir) 96 h LC50 180 mg/L (Pimephales promelas) 96 h LC50 38 - 68 mg/L (Oncorhynchus mykiss) 96 h LC50 830 mg/L (Lepomis macrochir) 96 h</td>
<td>EC50 98 mg/L (Daphnia magna) 48 h EC50 338 mg/L (Daphnia magna) 48 h</td>
</tr>
</tbody>
</table>

**12.2. Persistence and degradability**
No information available.

**12.3. Bioaccumulative potential**
No information available.
12.4. Mobility in soil

No information available.

12.5. Results of PBT and vPvB assessment

No information available.

12.6. Other adverse effects

No information available

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>EU - Endocrine Disrupters Candidate List</th>
<th>EU - Endocrine Disruptors - Evaluated Substances</th>
<th>Japan - Endocrine Disruptor Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>polyethylene glycol</td>
<td>Group III Chemical</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>p-(1,1,3,3-tetramethylbutyl)phenylether</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste from residues / unused products
Dispose of in accordance with local regulations.

Contaminated packaging
Empty containers should be taken to an approved waste handling site for recycling or disposal.

Other information
Waste codes should be assigned by the user based on the application for which the product was used.

SECTION 14: Transport information

IMDG/IMO
14.1 UN number Not regulated
14.2 UN proper shipping name Not regulated
14.3 Transport hazard class(es) Not regulated
14.4 Packing group Not regulated
14.5 Environmental hazards None
14.6 Special precautions for user Not regulated
14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

ADR/RID
14.1 UN number Not regulated
14.2 UN proper shipping name Not regulated
14.3 Transport hazard class(es) Not regulated
14.4 Packing group Not regulated
14.5 Environmental hazards None
14.6 Special precautions for user None

IATA
14.1 UN number Not regulated
14.2 UN proper shipping name Not regulated
14.3 Transport hazard class(es) Not regulated
14.4 Packing group Not regulated
14.5 Environmental hazards None
14.6 Special precautions for user None

SECTION 15: Regulatory information
15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Candidate List of Substances of Very High Concern for Authorization Information

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Candidate List of Substances of Very High Concern for Authorization Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>polyethylene glycol p-(1,1,3,3-tetramethylbutyl)phenylether (0 - 10%)</td>
<td>Reason for inclusion Endocrine disrupting properties, Article 57f - environment</td>
</tr>
</tbody>
</table>

SEVESO Directive Information

This product does not contain substances identified in the SEVESO Directive.

International inventories

TSCA 8(b) -
DSL/NDSL -
EINECS/ELINCS -
ENCS -
IECSC -
KECL -
PICCS -
AICS -

International inventories legend

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List
EINECS/ELINCS - European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances
ENCS - Japan Existing and New Chemical Substances
IECSC - China Inventory of Existing Chemical Substances
KECL - Korean Existing and Evaluated Chemical Substances
PICCS - Philippines Inventory of Chemicals and Chemical Substances
AICS - Australian Inventory of Chemical Substances

15.2. Chemical safety assessment

For this substance a chemical safety assessment has not been carried out.

SECTION 16: Other information

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

H302 - Harmful if swallowed
H315 - Causes skin irritation
H319 - Causes serious eye irritation
H335 - May cause respiratory irritation

Classification procedure: Expert judgment and weight of evidence determination.
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Disclaimer

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.