

This safety data sheet was created pursuant to the requirements of:  
UK REACH Regulations (SI 2019/758 as amended)

**Supersedes date** 18-Mar-2020

**Revision date** 20-Oct-2025

**Revision Number** 2

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

### 1.1. Product identifier

|                                 |                     |
|---------------------------------|---------------------|
| <b>Product Code(s)</b>          | 58166               |
| <b>Safety data sheet number</b> | 58166               |
| <b>Product Name</b>             | CAFLON BCP6400      |
| <b>Substance Name</b>           | Polyalkylene glycol |
| <b>CAS No</b>                   | 9003-11-6           |
| <b>Pure substance/mixture</b>   | Substance           |
| <b>Molecular weight</b>         | 2700 g/mol          |

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

**Recommended use** Multi-purpose surfactant.

### 1.3. Details of the supplier of the safety data sheet

#### **Supplier**

Univar Solutions UK Ltd  
Aquarius House  
6 Mid Point Business Park  
Bradford  
GBR

For further information, please contact

**E-mail address** SDS.EMEA@univarsolutions.com  
**Non-Emergency Telephone Number** +44 1274 267300 / +44 1274 267306

### 1.4. Emergency telephone number

**Emergency Telephone** SGS - +32 (0)3 575 55 55 (24h)

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

Not classified

### 2.2. Label elements

Not classified

#### Hazard statements

Not classified

### 2.3. Other hazards

In case of spills, beware of slippery floors and surfaces.

## SECTION 3: Composition/information on ingredients

### 3.1 Substances

The product contains no substances which at their given concentration, are considered to be hazardous to health

| Chemical name                  | Weight-% | EC No (EU Index No) | UK REACH registration number | Classification according to GB CLP (SI 2020/1567 as amended) | Specific concentration limit (SCL) | M-Factor | M-Factor (long-term) |
|--------------------------------|----------|---------------------|------------------------------|--------------------------------------------------------------|------------------------------------|----------|----------------------|
| POLYALKYLENE GLYCOL 9003-11-6  | 99.0%    | -                   | -                            | Not Classified                                               | -                                  | -        | -                    |
| POLYETHYLENE GLYCOL 25322-68-3 | 0.99%    | -                   | -                            | Not Classified                                               | -                                  | -        | -                    |

#### Full text of H- and EUH-phrases: see section 16

This product does not contain candidate substances of very high concern at a concentration  $\geq 0.1\%$  (UK REACH Article 59)

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

#### General advice

Use personal protection recommended in Section 8.

#### Inhalation

IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Rinse mouth thoroughly with water. Get medical attention if symptoms occur.

#### Eye contact

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if symptoms occur.

#### Skin contact

IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Get medical attention if symptoms occur.

#### Ingestion

Rinse mouth thoroughly with water. Do not induce vomiting without medical advice. Get medical attention if symptoms occur.

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

#### Symptoms

Eyes May cause slight eye irritation.

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

**Note to doctors** Treatment of exposure should be directed at the control of symptoms and the clinical condition of the patient.

### **SECTION 5: Firefighting measures**

#### **5.1. Extinguishing media**

**Suitable Extinguishing Media** Dry chemical, CO<sub>2</sub>, alcohol-resistant foam or water spray.

**Large Fire** CAUTION: Use of water spray when fighting fire may be inefficient.

**Unsuitable extinguishing media** Do not scatter spilled material with high pressure water streams.

#### **5.2. Special hazards arising from the substance or mixture**

**Specific hazards arising from the chemical** When heated and in case of fire, toxic vapours/gases may be formed. Container may rupture from gas generation in a fire situation. Violent steam generation or eruption may occur upon application of direct water stream to hot liquids..

**Hazardous combustion products** Carbon oxides. Aldehydes. Alcohols. Ether. Hydrocarbons. Ketones. Organic Acids. Polymers.

#### **5.3. Advice for firefighters**

**Special protective equipment and precautions for fire-fighters** Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

### **SECTION 6: Accidental release measures**

#### **6.1. Personal precautions, protective equipment and emergency procedures**

**Personal precautions** Ensure adequate ventilation. Use personal protection recommended in Section 8. Avoid contact with skin, eyes and inhalation of vapours. Keep unnecessary and unprotected personnel from entering. In case of spills, beware of slippery floors and surfaces.

**For emergency responders** Use personal protection recommended in Section 8.

#### **6.2. Environmental precautions**

**Environmental precautions** See Section 12 for additional Ecological Information.

#### **6.3. Methods and material for containment and cleaning up**

**Methods for containment** Prevent further leakage or spillage if safe to do so.

**Methods for cleaning up** Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal. Pick up and transfer to properly labelled containers. After cleaning, flush away traces with water.

**Prevention of secondary hazards** Clean contaminated objects and areas thoroughly observing environmental regulations.

#### **6.4. Reference to other sections**

**Reference to other sections** See section 8 for more information. See section 13 for more information.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

**Advice on safe handling** Ensure adequate ventilation. Use personal protection recommended in Section 8. Avoid contact with skin, eyes and inhalation of vapours. In case of spills, beware of slippery floors and surfaces. Product shipped/handled hot can cause thermal burns. Product handled hot may require additional ventilation or local exhaust. Spills of these organic materials on hot fibrous insulations may lead to lowering of the autoignition temperatures possibly resulting in spontaneous combustion.

**General hygiene considerations** Wash hands before breaks and immediately after handling the product.

### 7.2. Conditions for safe storage, including any incompatibilities

**Packaging materials** Suitable container/equipment material: stainless steel. Polypropylene. Polyethylene-lined container. Teflon. Glass-lined container. Aluminium. Plasite 3066 lined container. Plasite 3070 lined container. 316 stainless steel.

### 7.3. Specific end use(s)

**Specific use(s)**  
See section 1 for more information.

**Risk Management Methods (RMM)** The information required is contained in this Safety Data Sheet.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

**Exposure Limits** This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

**Biological occupational exposure limits** This product, as supplied, does not contain any hazardous materials with biological limits established by the region specific regulatory bodies.

#### Derived No Effect Level (DNEL) - Workers

| Chemical name                     | Oral | Dermal                   | Inhalation                     |
|-----------------------------------|------|--------------------------|--------------------------------|
| POLYETHYLENE GLYCOL<br>25322-68-3 |      | 112 mg/kg bw/day [4] [6] | 40.2 mg/m <sup>3</sup> [4] [6] |

[4] Systemic health effects.  
[6] Long term.

#### Derived No Effect Level (DNEL) - General Public

| Chemical name       | Oral                    | Dermal | Inhalation                     |
|---------------------|-------------------------|--------|--------------------------------|
| POLYETHYLENE GLYCOL | 40 mg/kg bw/day [4] [6] |        | 7.14 mg/m <sup>3</sup> [4] [6] |

| Chemical name | Oral | Dermal | Inhalation |
|---------------|------|--------|------------|
| 25322-68-3    |      |        |            |

[4] Systemic health effects.  
[6] Long term.

**Predicted No Effect Concentration (PNEC)**

| Chemical name                        | Freshwater | Freshwater<br>(intermittent release) | Marine water | Marine water<br>(intermittent release) | Air |
|--------------------------------------|------------|--------------------------------------|--------------|----------------------------------------|-----|
| POLYETHYLENE<br>GLYCOL<br>25322-68-3 | 0.273 g/L  | 1 mg/L                               | 27.3 mg/L    | 0.1 mg/L                               |     |

| Chemical name                        | Freshwater<br>sediment    | Marine sediment          | Sewage treatment | Soil               | Food chain |
|--------------------------------------|---------------------------|--------------------------|------------------|--------------------|------------|
| POLYETHYLENE<br>GLYCOL<br>25322-68-3 | 1030 mg/kg<br>sediment dw | 103 mg/kg sediment<br>dw |                  | 46.4 mg/kg soil dw |            |

**8.2. Exposure controls**

**Engineering controls** No information available.

**Personal protective equipment**

**Eye/face protection** Wear safety glasses with side shields (or goggles). Use eye protection according to EN 166.

**Hand protection** Wear suitable gloves. Gloves must conform to standard EN 374.

**Skin and body protection** Wear appropriate clothing to prevent reasonably probable skin contact.

**Respiratory protection** Use appropriate respiratory protection.  
**Recommended filter type:** Organic gases and vapours filter conforming to EN 14387. Type AP2.

**SECTION 9: Physical and chemical properties****9.1. Information on basic physical and chemical properties**

**Physical state** Liquid  
**Appearance** Liquid  
**Colour** Colourless To white  
**Odour** Odourless.  
**Odour threshold** No information available

**Property** **Values**  
**Melting point / freezing point**  
**Initial boiling point and boiling range**  
**Flammability**

**Remarks • Method**  
Not applicable.  
Decomposes prior to boiling. Read-across.  
No information available.

|                                        |                          |                              |
|----------------------------------------|--------------------------|------------------------------|
| Flammability Limit in Air              |                          | No information available.    |
| Upper flammability or explosive limits |                          |                              |
| Lower flammability or explosive limits |                          |                              |
| Flash point                            | > 180 °C                 | Closed cup. (ASTM D93).      |
| Autoignition temperature               |                          | No information available.    |
| Decomposition temperature              |                          | No information available.    |
| pH                                     |                          | No information available.    |
| pH (as aqueous solution)               |                          | No information available.    |
| Kinematic viscosity                    | 284 cSt                  | @ 38 °C. Calculation method. |
| Dynamic viscosity                      |                          | No information available.    |
| Water solubility                       | Completely soluble       | Calculation method.          |
| Solubility(ies)                        |                          | No information available.    |
| Partition coefficient                  |                          | Not determined.              |
| Vapour pressure                        |                          | No information available.    |
| Relative density                       | 1.048                    | @ 25 °C. Calculation method. |
| Bulk density                           |                          | No information available     |
| Liquid Density                         | No information available | No information available     |
| Relative vapour density                |                          | No information available.    |
| Particle characteristics               |                          | No information available.    |
| Particle Size                          | No information available |                              |
| Particle Size Distribution             | No information available |                              |
| Explosive properties                   | No information available |                              |
| Oxidising properties                   | No information available |                              |
| <b>9.2. Other information</b>          |                          |                              |
| Pour Point                             | 7 °C                     |                              |
| Molecular weight                       | 2700 g/mol               |                              |

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Reactivity No information available.

### 10.2. Chemical stability

Stability Stable under normal conditions.

#### Explosion data

Sensitivity to mechanical impact None.

Sensitivity to static discharge None.

### 10.3. Possibility of hazardous reactions

Possibility of hazardous reactions None under normal processing.

Hazardous polymerisation Hazardous polymerisation does not occur.

### 10.4. Conditions to avoid

Conditions to avoid Product may decompose at elevated temperatures. Generation of gas during decomposition can cause pressure in closed systems.

### 10.5. Incompatible materials

Incompatible materials Strong acids. Strong bases. Strong oxidising agents.

### 10.6. Hazardous decomposition products

**Hazardous decomposition products** Carbon oxides. Aldehydes. Alcohols. Ether. Hydrocarbons. Ketones. Organic Acids. Polymers.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

#### Information on likely routes of exposure

##### Product Information

|                     |                                                                                         |
|---------------------|-----------------------------------------------------------------------------------------|
| <b>Inhalation</b>   | Inhalation of vapours in high concentration may cause irritation of respiratory system. |
| <b>Eye contact</b>  | May cause slight eye irritation. Corneal injury is unlikely.                            |
| <b>Skin contact</b> | Prolonged exposure not likely to cause significant skin irritation.                     |
| <b>Ingestion</b>    | May cause discomfort if swallowed.                                                      |

#### Symptoms related to the physical, chemical and toxicological characteristics

##### Symptoms

##### Acute toxicity

##### Numerical measures of toxicity

| Chemical name       | Oral LD50             | Dermal LD50             | Inhalation LC50         |
|---------------------|-----------------------|-------------------------|-------------------------|
| POLYALKYLENE GLYCOL | > 4000 mg/kg ( Rat )  | > 1000 mg/kg ( Rabbit ) | -                       |
| POLYETHYLENE GLYCOL | > 10000 mg/kg ( Rat ) | > 20000 mg/kg ( Rat )   | > 2.5 mg/l ( Rat ) (6h) |

#### Delayed and immediate effects as well as chronic effects from short and long-term exposure

**Skin corrosion/irritation** Prolonged exposure not likely to cause significant skin irritation.

##### POLYALKYLENE GLYCOL (9003-11-6)

| Method | Species | Exposure route | Effective dose | Exposure time | Results                                                                                                                                                                     |
|--------|---------|----------------|----------------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|        |         |                |                |               | Prolonged exposure not likely to cause significant skin irritation. Material may be handled at elevated temperatures; contact with heated material may cause thermal burns. |

##### POLYETHYLENE GLYCOL (25322-68-3)

| Method | Species | Exposure route | Effective dose | Exposure time | Results                                                                       |
|--------|---------|----------------|----------------|---------------|-------------------------------------------------------------------------------|
|        |         |                |                |               | Prolonged exposure not likely to cause significant skin irritation. May cause |

|  |  |  |  |  |                                                             |
|--|--|--|--|--|-------------------------------------------------------------|
|  |  |  |  |  | more severe response if skin is abraded (scratched or cut). |
|--|--|--|--|--|-------------------------------------------------------------|

**Serious eye damage/eye irritation** May cause slight eye irritation. Corneal injury is unlikely.

POLYALKYLENE GLYCOL (9003-11-6)

| Method | Species | Exposure route | Effective dose | Exposure time | Results                                                    |
|--------|---------|----------------|----------------|---------------|------------------------------------------------------------|
|        |         |                |                |               | May cause slight eye irritation Corneal injury is unlikely |

POLYETHYLENE GLYCOL (25322-68-3)

| Method | Species | Exposure route | Effective dose | Exposure time | Results                                                    |
|--------|---------|----------------|----------------|---------------|------------------------------------------------------------|
|        |         |                |                |               | May cause slight eye irritation Corneal injury is unlikely |

**Respiratory or skin sensitisation** No information available.

POLYETHYLENE GLYCOL (25322-68-3)

| Method | Species        | Exposure route | Results               |
|--------|----------------|----------------|-----------------------|
|        | Guinea pig     | Dermal         | Not a skin sensitiser |
|        | Human evidence | Dermal         | Not a skin sensitiser |

**Germ cell mutagenicity** Not mutagenic.

| Product Information |          |  |                                                               |
|---------------------|----------|--|---------------------------------------------------------------|
| Method              | Species  |  | Results                                                       |
|                     | in vitro |  | Negative                                                      |
|                     |          |  | Negative Did not show mutagenic effects in animal experiments |

Component Information

POLYALKYLENE GLYCOL (9003-11-6)

| Method | Species  | Results                                                       |
|--------|----------|---------------------------------------------------------------|
|        | in vitro | Negative                                                      |
|        |          | Negative Did not show mutagenic effects in animal experiments |

POLYETHYLENE GLYCOL (25322-68-3)

| Method | Species  | Results                                                       |
|--------|----------|---------------------------------------------------------------|
|        | in vitro | Negative                                                      |
|        |          | Negative Did not show mutagenic effects in animal experiments |

**Carcinogenicity** No information available.

Component Information

POLYETHYLENE GLYCOL (25322-68-3)

| Method | Species | Results                                     |
|--------|---------|---------------------------------------------|
|        |         | Did not cause cancer in laboratory animals. |

**Reproductive toxicity** No information available.

POLYETHYLENE GLYCOL (25322-68-3)

| Method | Species | Results                                                                   |
|--------|---------|---------------------------------------------------------------------------|
|        |         | This product does not contain any known or suspected reproductive hazards |

**STOT - single exposure** Evaluation of available data suggests that this material is not an STOT-SE toxicant.

POLYALKYLENE GLYCOL (9003-11-6)

| Method | Species | Exposure route | Effective dose | Exposure time | Results                                                                             |
|--------|---------|----------------|----------------|---------------|-------------------------------------------------------------------------------------|
|        |         |                |                |               | Evaluation of available data suggests that this material is not an STOT-SE toxicant |

POLYETHYLENE GLYCOL (25322-68-3)

| Method | Species | Exposure route | Effective dose | Exposure time | Results                                                                             |
|--------|---------|----------------|----------------|---------------|-------------------------------------------------------------------------------------|
|        |         |                |                |               | Evaluation of available data suggests that this material is not an STOT-SE toxicant |

**STOT - repeated exposure** In animals, effects have been reported on the following organs after exposure to aerosols: Lungs.

Component Information

POLYALKYLENE GLYCOL (9003-11-6)

| Method | Species | Exposure route | Effective dose | Exposure time | Results                                                                                          |
|--------|---------|----------------|----------------|---------------|--------------------------------------------------------------------------------------------------|
|        |         |                |                |               | In animals, effects have been reported on the following organs after exposure to aerosols: Lungs |

POLYETHYLENE GLYCOL (25322-68-3)

| Method | Species | Exposure route | Effective dose | Exposure time | Results                                                                                                                                                                                                                                      |
|--------|---------|----------------|----------------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|        |         |                |                |               | Recent findings of kidney failure and death in burn patients, as well as some studies using animal burn models, suggest that polyethylene glycol may have been a factor. The use of topical applications containing this material may not be |

|  |  |  |  |  |                                                                                                                                               |
|--|--|--|--|--|-----------------------------------------------------------------------------------------------------------------------------------------------|
|  |  |  |  |  | appropriate in severely burned patients. Based on available data, repeated exposures are not anticipated to cause significant adverse effects |
|--|--|--|--|--|-----------------------------------------------------------------------------------------------------------------------------------------------|

**Aspiration hazard** Based on available data the classification criteria are not met.

**Other adverse effects** No information available.

## SECTION 12: Ecological information

### 12.1. Toxicity

**Ecotoxicity** The environmental impact of this product has not been fully investigated.

#### POLYALKYLENE GLYCOL (9003-11-6)

| Method | Species         | Endpoint type | Effective dose | Exposure time | Results |
|--------|-----------------|---------------|----------------|---------------|---------|
|        | Cyprinus carpio | LC50          | > 100 mg/L     | 96 hours      |         |
|        | Daphnia magna   | EC50          | > 100 mg/L     | 48 hours      |         |

#### POLYETHYLENE GLYCOL (25322-68-3)

| Method | Species              | Endpoint type | Effective dose | Exposure time | Results |
|--------|----------------------|---------------|----------------|---------------|---------|
|        | Pimephales promelas  | LC50          | > 10000 mg/L   | 96 hours      |         |
|        | Daphnia magna        | EC50          | > 10000 mg/L   | 48 hours      |         |
|        | Skeletonema costatum | EbC50         | 14853 mg/L     | 3 days        |         |

### 12.2. Persistence and degradability

**Persistence and degradability** Readily biodegradable.

#### POLYALKYLENE GLYCOL (9003-11-6)

| Method                                                                                             | Exposure time | Value                 | Results               |
|----------------------------------------------------------------------------------------------------|---------------|-----------------------|-----------------------|
| OECD Test No. 301F: Ready Biodegradability: Manometric Respirometry Test (TG 301 F) or Equivalent. | 28 days       | Biodegradation > 60 % | Readily biodegradable |

#### POLYETHYLENE GLYCOL (25322-68-3)

| Method                                                                                             | Exposure time | Value               | Results               |
|----------------------------------------------------------------------------------------------------|---------------|---------------------|-----------------------|
| OECD Test No. 301B: Ready Biodegradability: CO2 Evolution Test (TG 301 B)                          | 28 days       | Biodegradation 90 % | Readily biodegradable |
| OECD Test No. 301F: Ready Biodegradability: Manometric Respirometry Test (TG 301 F) or Equivalent. | 28 days       | Biodegradation 90 % | Readily biodegradable |
| OECD Test No. 306: Biodegradability in Seawater or Equivalent.                                     | 28 days       | Biodegradation 55 % | Readily biodegradable |

### 12.3. Bioaccumulative potential

**Bioaccumulation** No bioconcentration is expected because of the relatively high molecular weight (MW greater than 1000).

| Chemical name       | Partition coefficient |
|---------------------|-----------------------|
| POLYALKYLENE GLYCOL | 1 - 4.4               |
| POLYETHYLENE GLYCOL | < 2.25                |

#### 12.4. Mobility in soil

**Mobility in soil** Completely soluble.

#### 12.5. Results of PBT and vPvB assessment

**PBT and vPvB assessment** The product does not contain any substance(s) classified as PBT or vPvB.

| Chemical name       | PBT and vPvB assessment         |
|---------------------|---------------------------------|
| POLYETHYLENE GLYCOL | The substance is not PBT / vPvB |

#### 12.6. Other adverse effects

No information available.

### **SECTION 13: Disposal considerations**

#### 13.1. Waste treatment methods

**Waste from residues/unused products** Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.

**Contaminated packaging** Do not reuse empty containers.

### **SECTION 14: Transport information**

#### IATA

14.1 UN number or ID 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 No  
 14.6 Special precautions for user  
 Special Provisions None

#### IMDG

14.1 UN number or ID 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 No  
 14.6 Special precautions for user  
 Special Provisions None  
 14.7 Maritime transport in bulk according to IMO instruments No information available

#### RID

14.1 UN number or ID 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        | No            |
| 14.6 Special precautions for user |               |
| Special Provisions                | None          |

**ADR**

|                                   |               |
|-----------------------------------|---------------|
| 14.1 UN number or ID 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        | No            |
| 14.6 Special precautions for user |               |
| Special Provisions                | None          |

**SECTION 15: Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****National regulations****Authorisations and/or restrictions on use:**

This product does not contain substances subject to authorisation (UK REACH - Annex XIV).

This product does not contain substances subject to restriction (UK REACH - Annex XVII).

**Persistent Organic Pollutants**

Not applicable

**Export Notification requirements**

Not applicable

**Named dangerous substances per COMAH Regulations 2015 (as amended)**

Not applicable

**The Ozone-Depleting Substances Regulations 2015**

Not applicable

**The Biocidal Products Regulations 2001 (as amended)**

Not applicable

**The Water Environment (Water Framework Directive) (England and Wales) Regulations 2017 (as amended)**

Not applicable

**Poisons Act 1972 (Explosive Precursors) Regulations (as Amended)**

Not applicable

**International Inventories**

|               |                                                  |
|---------------|--------------------------------------------------|
| TSCA          | Contact supplier for inventory compliance status |
| DSL/NDL       | Contact supplier for inventory compliance status |
| EINECS/ELINCS | Contact supplier for inventory compliance status |
| ENCS          | Contact supplier for inventory compliance status |
| IECSC         | Contact supplier for inventory compliance status |
| KECI          | Contact supplier for inventory compliance status |
| PICCS         | Contact supplier for inventory compliance status |
| AIIC          | Contact supplier for inventory compliance status |
| NZIoC         | Contact supplier for inventory compliance status |

**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 Chemical Substances/European 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  
**AIC** - Australian Inventory of Industrial Chemicals  
**NZIoC** - New Zealand Inventory of Chemicals

## 15.2. Chemical safety assessment

### Chemical Safety Report

No Chemical Safety Assessment has been carried out for this substance/mixture

## SECTION 16: Other information

### Key or legend to abbreviations and acronyms used in the safety data sheet

#### Legend

SVHC: Substances of Very High Concern for Authorisation:

#### Legend Section 8: Exposure controls/personal protection

|         |                             |      |                                  |
|---------|-----------------------------|------|----------------------------------|
| TWA     | TWA (time-weighted average) | STEL | STEL (Short Term Exposure Limit) |
| Ceiling | Maximum limit value         | *    | Skin designation                 |
| +       | Sensitisers                 |      |                                  |

Revision Note **SDS sections updated 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16**

#### Classification procedure

|                                                                 |                    |
|-----------------------------------------------------------------|--------------------|
| Classification according to Regulation (EC) No. 1272/2008 [CLP] | Method Used        |
| Acute oral toxicity                                             | Calculation method |
| Acute dermal toxicity                                           | Calculation method |
| Acute inhalation toxicity - gas                                 | Calculation method |
| Acute inhalation toxicity - vapour                              | Calculation method |
| Acute inhalation toxicity - dust/mist                           | Calculation method |
| Skin corrosion/irritation                                       | Calculation method |
| Serious eye damage/eye irritation                               | Calculation method |
| Respiratory sensitisation                                       | Calculation method |
| Skin sensitisation                                              | Calculation method |
| Mutagenicity                                                    | Calculation method |
| Carcinogenicity                                                 | Calculation method |
| Reproductive toxicity                                           | Calculation method |
| STOT - single exposure                                          | Calculation method |
| STOT - repeated exposure                                        | Calculation method |
| Acute aquatic toxicity                                          | Calculation method |
| Chronic aquatic toxicity                                        | Calculation method |
| Aspiration hazard                                               | Calculation method |
| Ozone                                                           | Calculation method |

#### Key literature references and sources for data used to compile the SDS

Agency for Toxic Substances and Disease Registry (ATSDR)  
 U.S. Environmental Protection Agency ChemView Database  
 European Food Safety Authority (EFSA)  
 European Chemicals Agency (ECHA) Committee for Risk Assessment (ECHA\_RAC)  
 European Chemicals Agency (ECHA) (ECHA\_API)  
 Environmental Protection Agency  
 Acute Exposure Guideline Level(s) (AEGL(s))  
 U.S. Environmental Protection Agency Federal Insecticide, Fungicide, and Rodenticide Act  
 U.S. Environmental Protection Agency High Production Volume Chemicals  
 Food Research Journal  
 Hazardous Substance Database  
 International Uniform Chemical Information Database (IUCLID)

National Institute of Technology and Evaluation (NITE)  
Australian National Industrial Chemicals Notification and Assessment Scheme (NICNAS)  
NIOSH (National Institute for Occupational Safety and Health)  
National Library of Medicine's ChemID Plus (NLM CIP)  
National Library of Medicine's PubMed database (NLM PUBMED)  
U.S. National Toxicology Program (NTP)  
New Zealand's Chemical Classification and Information Database (CCID)  
Organisation for Economic Co-operation and Development Environment, Health, and Safety Publications  
Organisation for Economic Co-operation and Development High Production Volume Chemicals Programme  
Organisation for Economic Co-operation and Development Screening Information Data Set  
World Health Organization

**Prepared By** Lisa Bland  
**Supersedes date** 18-Mar-2020  
**Revision date** 20-Oct-2025

**This material safety data sheet complies with the requirements of UK REACH Regulations (SI 2019/758 as amended)**  
**Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work**

**Disclaimer**

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**End of Safety Data Sheet**