

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

**Supersedes date** 26-Jul-2023

**Revision date** 01-Aug-2025

**Revision Number** 3

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

### 1.1. Product identifier

**Product Code(s)** 64629  
**Safety data sheet number** 64629  
**Product Name** PRIMAL CM 330 EMULSION  
**Synonyms** CM 330 BASE  
**Pure substance/mixture** Mixture

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

**Recommended use** Coatings

### 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

EUH208 - Contains 1,2-BENZISOTHIAZOL-3(2H)-ONE. May produce an allergic reaction.

EUH210 - Safety data sheet available on request

#### Unknown aquatic toxicity

Contains 0 % of components with unknown hazards to the aquatic environment.

### 2.3. Other hazards

No information available.

## SECTION 3: Composition/information on ingredients

### 3.1 Substances

Not applicable

### 3.2 Mixtures

| 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) |
|-------------------------------------------|------------------------|-----------------------------|------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|----------|----------------------|
| 1,2-BENZISOTHIAZOL-3(2H)-ONE<br>2634-33-5 | >= 0.025<br>- < 0.05 % | 220-120-9<br>(613-088-00-6) | -                            | Acute Tox. 4 (H302)<br>Skin Irrit. 2 (H315)<br>Eye Dam. 1 (H318)<br>Skin Sens. 1 (H317)<br>Aquatic Acute 1 (H400)<br>Aquatic Chronic 2 (H411)<br>Acute Tox. 2 (H330) | Skin Sens. 1 ::<br>C>=0.05%        | 1        | -                    |

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

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

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

#### General advice

First aid personnel should wear appropriate protective equipment during any rescue. 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. Discard items which cannot be decontaminated, including leather articles such as shoes, belts and watchbands. Get medical attention if symptoms occur.

#### Ingestion

Rinse mouth thoroughly with water. Do NOT induce vomiting. Get medical attention if symptoms occur.

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

|          |                                                                                                                                                       |
|----------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Symptoms | The product contains a sensitising substance which may provoke an allergic reaction among sensitive individuals. May cause an allergic skin reaction. |
| 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   | Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. |
| 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. Material can splatter above 100C/212F. Dried product is capable of burning. |
| Hazardous combustion products              | Carbon oxides. acrylic monomers.                                                                                                                |

**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     | Provide adequate ventilation. Use personal protection recommended in Section 8. Avoid contact with skin, eyes and inhalation of vapours. Keep people away from and upwind of spill/leak. 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. |

**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. Wash skin thoroughly after handling. Keep container closed when not in use.

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

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

**Storage Conditions** Keep container tightly closed in a dry and well-ventilated place. Keep from freezing. Stir well before use. Keep at temperatures between 1 and 49 °C.  
Other data: Monomer vapors can be evolved when material is heated during processing operations. See SECTION 8, for types of ventilation required.

#### **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                     |
|-------------------------------------------|------|-------------------------|--------------------------------|
| 1,2-BENZISOTHIAZOL-3(2H)-ONE<br>2634-33-5 |      | 0.966 mg/kg/day [4] [6] | 6.81 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                    |
|-------------------------------------------|------|---------------------|-------------------------------|
| 1,2-BENZISOTHIAZOL-3(2H)-ONE<br>2634-33-5 |      | 0.345 mg/kg [4] [6] | 1.2 mg/m <sup>3</sup> [4] [6] |

[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 |
|-------------------------------------------|--------------|--------------------------------------|---------------|----------------------------------------|-----|
| 1,2-BENZISOTHIAZOL-3(2H)-ONE<br>2634-33-5 | 0.00403 mg/l | 1.1 µg/L                             | 0.000403 mg/l | 110 ng/L                               |     |

| Chemical name                             | Freshwater<br>sediment | Marine sediment | Sewage treatment | Soil    | Food chain |
|-------------------------------------------|------------------------|-----------------|------------------|---------|------------|
| 1,2-BENZISOTHIAZOL-3(2H)-ONE<br>2634-33-5 | 0.0499 mg/kg           | 0.00499 mg/kg   | 1.03 mg/L        | 3 mg/kg | 1.03 mg/l  |

**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.

| Gloves              |                                                |                 |                    |
|---------------------|------------------------------------------------|-----------------|--------------------|
| Duration of contact | PPE - Glove material                           | Glove thickness | Break through time |
|                     | Wear protective Neoprene™ gloves               | > 0.35 mm       | 240 minutes        |
|                     | Nitrile/butadiene rubber ("nitrile" or "NBR"). | > 0.35 mm       | 240 minutes        |
|                     | Polyvinyl chloride (PVC)                       | > 0.35 mm       | 240 minutes        |

**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** white Milky

Odour Acrylic-like.  
Odour threshold No information available

| <u>Property</u>                         | <u>Values</u>            | <u>Remarks • Method</u>   |
|-----------------------------------------|--------------------------|---------------------------|
| Melting point / freezing point          |                          | No information available. |
| Initial boiling point and boiling range |                          | No information available. |
| Flammability                            |                          | No information available. |
| Flammability Limit in Air               |                          | Not applicable.           |
| Upper flammability or explosive limits  |                          |                           |
| Lower flammability or explosive limits  |                          |                           |
| Flash point                             |                          | Not combustible.          |
| Autoignition temperature                |                          | No information available. |
| Decomposition temperature               |                          | No information available. |
| pH                                      | 9.5 - 10.5               |                           |
| pH (as aqueous solution)                |                          | No information available. |
| Kinematic viscosity                     |                          | No information available. |
| Dynamic viscosity                       | < 100 mPa s              |                           |
| Water solubility                        | No data available        | No information available. |
| Solubility(ies)                         | partially miscible       |                           |
| Partition coefficient                   |                          | No information available. |
| Vapour pressure                         | 17 mm Hg                 | @ 20 °C. Water.           |
| Relative density                        | 1.0300 - 1.0800          |                           |
| Bulk density                            |                          | No information available  |
| Liquid Density                          | No information available | No information available  |
| Relative vapour density                 | < 1                      | Water.                    |
| 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 |                           |

## 9.2. Other information

Evaporation rate < 1 (n-butyl acetate=1) Water

## **SECTION 10: Stability and reactivity**

### 10.1. Reactivity

Reactivity No known effects under normal use conditions.

### 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 Hazardous polymerisation does not occur.

### 10.4. Conditions to avoid

Conditions to avoid None known based on information supplied.

### 10.5. Incompatible materials

**Incompatible materials** None known based on information supplied.

#### 10.6. Hazardous decomposition products

**Hazardous decomposition products** Carbon oxides. acrylic monomers.

### **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.                                                                                                                                                                                         |
| <b>Skin contact</b> | Brief contact may cause slight skin irritation with local redness. The product contains a sensitising substance which may provoke an allergic reaction among sensitive individuals. May cause an allergic skin reaction. |
| <b>Ingestion</b>    | May cause discomfort if swallowed.                                                                                                                                                                                       |

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

##### **Symptoms**

##### Acute toxicity

##### **Numerical measures of toxicity**

The following values are calculated based on chapter 3.1 of the GHS document

**Oral LD50** Oral LD50 > 5000 mg/kg  
**Dermal LD50** Dermal LD50 > 2000 mg/kg

##### **Component Information**

| Chemical name                | Oral LD50             | Dermal LD50             | Inhalation LC50      |
|------------------------------|-----------------------|-------------------------|----------------------|
| 1,2-BENZISOTHIAZOL-3(2H)-ONE | = 675.3 mg/kg ( Rat ) | > 5000 mg/kg ( Rabbit ) | 0.25 mg/l ( Rat ) 4h |

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

**Skin corrosion/irritation** Brief contact may cause slight skin irritation with local redness.

##### **1,2-BENZISOTHIAZOL-3(2H)-ONE (2634-33-5)**

| Method | Species | Exposure route | Effective dose | Exposure time | Results                |
|--------|---------|----------------|----------------|---------------|------------------------|
|        |         |                |                |               | Causes skin irritation |

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

##### **1,2-BENZISOTHIAZOL-3(2H)-ONE (2634-33-5)**

| Method | Species | Exposure route | Effective dose | Exposure time | Results                             |
|--------|---------|----------------|----------------|---------------|-------------------------------------|
|        |         |                |                |               | Causes serious eye damage May cause |

|  |  |  |  |  |                                                                        |
|--|--|--|--|--|------------------------------------------------------------------------|
|  |  |  |  |  | permanent damage if eye is not immediately irrigated. Causes eye burns |
|--|--|--|--|--|------------------------------------------------------------------------|

**Respiratory or skin sensitisation** The product contains a sensitising substance which may provoke an allergic reaction among sensitive individuals. May cause an allergic skin reaction.

#### 1,2-BENZISOTHIAZOL-3(2H)-ONE (2634-33-5)

| Method | Species | Exposure route | Results                             |
|--------|---------|----------------|-------------------------------------|
|        |         |                | May cause an allergic skin reaction |

**Germ cell mutagenicity** Not mutagenic.

| Product Information |          |          |
|---------------------|----------|----------|
| Method              | Species  | Results  |
|                     | in vitro | Negative |

#### Component Information

#### 1,2-BENZISOTHIAZOL-3(2H)-ONE (2634-33-5)

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

**Carcinogenicity** No information available.

**Reproductive toxicity** No information available.

#### 1,2-BENZISOTHIAZOL-3(2H)-ONE (2634-33-5)

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

**STOT - single exposure** Based on available data the classification criteria are not met.

#### 1,2-BENZISOTHIAZOL-3(2H)-ONE (2634-33-5)

| 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** No information available.

#### Component Information

## 1,2-BENZISOTHAZOL-3(2H)-ONE (2634-33-5)

| Method | Species | Exposure route | Effective dose | Exposure time | Results                                                                                              |
|--------|---------|----------------|----------------|---------------|------------------------------------------------------------------------------------------------------|
|        |         |                |                |               | 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.

**Unknown aquatic toxicity** Contains 0 % of components with unknown hazards to the aquatic environment.

## 1,2-BENZISOTHAZOL-3(2H)-ONE (2634-33-5)

| Method                                                                                       | Species                             | Endpoint type | Effective dose | Exposure time | Results |
|----------------------------------------------------------------------------------------------|-------------------------------------|---------------|----------------|---------------|---------|
| OECD Test No. 203: Fish, Acute Toxicity Test or Equivalent.                                  | Oncorhynchus mykiss (rainbow trout) | LC50          | 1.9 mg/L       | 96 hours      |         |
| OECD Test No. 202: Daphnia sp., Acute Immobilisation Test or Equivalent.                     | Daphnia magna                       | EC50          | 3.7 mg/L       | 48 hours      |         |
|                                                                                              | Mysidopsis bahia                    | LC50          | 1.9 mg/L       | 96 hours      |         |
| OECD Test No. 201: Freshwater Algae and Cyanobacteria, Growth Inhibition Test or Equivalent. | Pseudokirchneriella subcapitata     | ErC50         | 0.11 mg/L      | 72 hours      |         |
| OECD Test No. 201: Freshwater Algae and Cyanobacteria, Growth Inhibition Test or Equivalent. | Pseudokirchneriella subcapitata     | NOEC          | 0.0403 mg/L    | 72 hours      |         |
|                                                                                              | activated sludge                    | EC50          | 28.52 mg/L     | 3 hours       |         |

**12.2. Persistence and degradability**

**Persistence and degradability** No information available.

## 1,2-BENZISOTHAZOL-3(2H)-ONE (2634-33-5)

| Method                                                                                   | Exposure time | Value               | Results                                                                                       |
|------------------------------------------------------------------------------------------|---------------|---------------------|-----------------------------------------------------------------------------------------------|
| OECD Test No. 301B: Ready Biodegradability: CO2 Evolution Test (TG 301 B) or Equivalent. | 28 days       | 24 % Biodegradation | Abiotic degradation: The material is rapidly degradable by abiotic means. 10-day Window: Fail |

**12.3. Bioaccumulative potential**

**Bioaccumulation** There is no data for this product.

**Component Information**

| Chemical name                | Partition coefficient |
|------------------------------|-----------------------|
| 1,2-BENZISOTHIAZOL-3(2H)-ONE | 1.19                  |

**12.4. Mobility in soil**

**Mobility in soil** No information available.

**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         |
|------------------------------|---------------------------------|
| 1,2-BENZISOTHIAZOL-3(2H)-ONE | 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)**

| Chemical name                           | The Biocidal Products Regulations 2001 (as amended)                                                                                                                                                                                                                                                                                                                                                        |
|-----------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1,2-BENZISOTHAZOL-3(2H)-ONE - 2634-33-5 | Product-type 2: Disinfectants and algacides not intended for direct application to humans or animals Product-type 6: Preservatives for products during storage Product-type 9: Fibre, leather, rubber and polymerised materials preservatives Product-type 11: Preservatives for liquid-cooling and processing systems Product-type 12: Slimicides Product-type 13: Working or cutting fluid preservatives |

**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:**

|                      |                                                                                                    |
|----------------------|----------------------------------------------------------------------------------------------------|
| <b>TSCA</b>          | - United States Toxic Substances Control Act Section 8(b) Inventory                                |
| <b>DSL/NDSL</b>      | - Canadian Domestic Substances List/Non-Domestic Substances List                                   |
| <b>EINECS/ELINCS</b> | - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances |
| <b>ENCS</b>          | - Japan Existing and New Chemical Substances                                                       |
| <b>IECSC</b>         | - China Inventory of Existing Chemical Substances                                                  |
| <b>KECL</b>          | - Korean Existing and Evaluated Chemical Substances                                                |
| <b>PICCS</b>         | - Philippines Inventory of Chemicals and Chemical Substances                                       |
| <b>AIIC</b>          | - Australian Inventory of Industrial Chemicals                                                     |
| <b>NZIoC</b>         | - 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****Full text of H-Statements referred to under section 3**

H302 - Harmful if swallowed  
H315 - Causes skin irritation  
H317 - May cause an allergic skin reaction  
H318 - Causes serious eye damage  
H330 - Fatal if inhaled  
H400 - Very toxic to aquatic life  
H411 - Toxic to aquatic life with long lasting effects

**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 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  
Ozone

Calculation method  
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

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**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**

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.

**End of Safety Data Sheet**