

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

**Supersedes date** 04-Jun-2025

**Revision date** 04-May-2026

**Revision Number** 8

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

### 1.1. Product identifier

**Product Code(s)** 11620  
**Safety data sheet number** 11620  
**Product Name** DOWCLEN 1601 CLEANING FLUID  
**Synonyms** DOWCLEN 1601, DOWCLEN 1601 (SAFE-TAINER)  
**Pure substance/mixture** Mixture

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

**Recommended use** Industrial Solvent  
**Uses advised against** Uses which are not mentioned in the relevant identified uses.

### 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

|                                   |                     |
|-----------------------------------|---------------------|
| Skin corrosion/irritation         | Category 2 - (H315) |
| Serious eye damage/eye irritation | Category 2 - (H319) |

### 2.2. Label elements

**Signal word**

Warning

**Hazard statements**

H315 - Causes skin irritation

H319 - Causes serious eye irritation

**Precautionary statements**

P264 - Wash face, hands and any exposed skin thoroughly after handling

P280 - Wear protective gloves and eye/face protection

P332 + P313 - If skin irritation occurs: Get medical advice/attention

P337 + P313 - If eye irritation persists: Get medical advice/attention

P362 + P364 - Take off contaminated clothing and wash it before reuse

**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) |
|--------------------------------------|----------------------------|---------------------------------|------------------------------|--------------------------------------------------------------|------------------------------------|----------|----------------------|
| 3-BUTOXYPROPA<br>N-2-OL<br>5131-66-8 | >= 70.00<br>- < 90.00<br>% | 225-878-4<br>(603-052-00<br>-8) | -                            | Skin Irrit. 2 (H315)<br>Eye Irrit. 2 (H319)                  | -                                  | -        | -                    |
| Non hazardous filler<br>NOCAS        | 0 - 10%                    | -                               | -                            | -                                                            | -                                  | -        | -                    |
| BUTOXY-1-PROPA<br>NOL<br>15821-83-7  | < 5.00 %                   | 605-138-0                       | -                            | Skin Irrit. 2 (H315)<br>Eye Irrit. 2 (H319)                  | -                                  | -        | -                    |

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

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

**SECTION 4: First aid measures**

**4.1. Description of first aid measures**

|                       |                                                                                                                                                                                                                                                                                                          |
|-----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>General advice</b> | First aid personnel should wear appropriate protective equipment during any rescue. Place unconscious person on the side in the recovery position and ensure breathing can take place. Take off immediately all contaminated clothing and wash it before reuse. Get medical attention if symptoms occur. |
| <b>Inhalation</b>     | 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.                                                                                                                                    |
| <b>Eye contact</b>    | 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.                                                                                                    |
| <b>Skin contact</b>   | IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Get medical attention if symptoms occur.                                                                                                                                                      |
| <b>Ingestion</b>      | Rinse mouth thoroughly with water. Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person. (Get medical attention immediately if symptoms occur).                                                                                                          |

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

|               |                                |
|---------------|--------------------------------|
| <b>Eyes</b>   | Causes serious eye irritation. |
| <b>Dermal</b> | Causes skin irritation.        |

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

|                        |                        |
|------------------------|------------------------|
| <b>Note to doctors</b> | Treat symptomatically. |
|------------------------|------------------------|

**SECTION 5: Firefighting measures****5.1. Extinguishing media**

|                                       |                                                                    |
|---------------------------------------|--------------------------------------------------------------------|
| <b>Suitable Extinguishing Media</b>   | Dry chemical, CO2, alcohol-resistant foam or water spray.          |
| <b>Large Fire</b>                     | CAUTION: Use of water spray when fighting fire may be inefficient. |
| <b>Unsuitable extinguishing media</b> | Do not scatter spilled material with high pressure water streams.  |

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

|                                                   |                                                                     |
|---------------------------------------------------|---------------------------------------------------------------------|
| <b>Specific hazards arising from the chemical</b> | When heated and in case of fire, toxic vapours/gases may be formed. |
| <b>Hazardous combustion products</b>              | Carbon oxides.                                                      |

**5.3. Advice for firefighters**

|                                                                       |                                                                                                                                    |
|-----------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|
| <b>Special protective equipment and precautions for fire-fighters</b> | 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**

|                                 |                                                                                                                                                                                                                                                            |
|---------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Personal precautions</b>     | Ensure adequate ventilation. Use personal protection recommended in Section 8. Avoid contact with skin, eyes and inhalation of vapours. No action shall be taken involving any personal risk or without suitable training. Remove all sources of ignition. |
| <b>Other information</b>        | Refer to protective measures listed in Sections 7 and 8.                                                                                                                                                                                                   |
| <b>For emergency responders</b> | Use personal protection recommended in Section 8.                                                                                                                                                                                                          |

**6.2. Environmental precautions**

|                                  |                                                       |
|----------------------------------|-------------------------------------------------------|
| <b>Environmental precautions</b> | Prevent further leakage or spillage if safe to do so. |
|----------------------------------|-------------------------------------------------------|

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

|                                        |                                                                                                                                                                                |
|----------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Methods for containment</b>         | Prevent further leakage or spillage if safe to do so.                                                                                                                          |
| <b>Methods for cleaning up</b>         | Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal. Take up mechanically, placing in appropriate containers for disposal. |
| <b>Prevention of secondary hazards</b> | Clean contaminated objects and areas thoroughly observing environmental regulations.                                                                                           |

**6.4. Reference to other sections**

|                                    |                                                                          |
|------------------------------------|--------------------------------------------------------------------------|
| <b>Reference to other sections</b> | See section 8 for more information. See section 13 for more information. |
|------------------------------------|--------------------------------------------------------------------------|

**SECTION 7: Handling and storage****7.1. Precautions for safe handling**

|                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                |
|---------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Advice on safe handling</b>        | Ensure adequate ventilation. Use personal protection recommended in Section 8. Avoid contact with skin, eyes and inhalation of vapours. Remove all sources of ignition.                                                                                                                                                                                                                                                        |
| <b>General hygiene considerations</b> | Handle in accordance with good industrial hygiene and safety practice. Do not eat, drink or smoke when using the product. Wash hands before breaks and immediately after handling the product. Remove contaminated clothing and protective equipment before entering eating areas. Keep away from food, drink and animal feedingstuffs. Ensure that eyewash stations and safety showers are close to the workstation location. |

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

|                            |                                                                                                                                                                                                                                       |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Storage Conditions</b>  | Keep container tightly closed in a dry and well-ventilated place. Protect from direct sunlight. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. See section 10 for more information. |
| <b>Packaging materials</b> | Suitable container/equipment material: Carbon Steel, stainless steel.<br>Unsuitable container/equipment material: Aluminium.                                                                                                          |

**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                    |
|----------------------------------|------|-------------------------|-------------------------------|
| 3-BUTOXYPROPAN-2-OL<br>5131-66-8 |      | 52 mg/kg bw/day [4] [6] | 147 mg/m <sup>3</sup> [4] [6] |

- [4] Systemic health effects.  
 [5] Local health effects.  
 [6] Long term.  
 [7] Short term.

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

| Chemical name                    | Oral                      | Dermal                  | Inhalation                   |
|----------------------------------|---------------------------|-------------------------|------------------------------|
| 3-BUTOXYPROPAN-2-OL<br>5131-66-8 | 12.5 mg/kg bw/day [4] [6] | 22 mg/kg bw/day [4] [6] | 43 mg/m <sup>3</sup> [4] [6] |

- [4] Systemic health effects.  
 [5] Local health effects.  
 [6] Long term.  
 [7] Short term.

**Predicted No Effect Concentration (PNEC)**

| Chemical name                    | Freshwater | Freshwater<br>(intermittent release) | Marine water | Marine water<br>(intermittent release) | Air |
|----------------------------------|------------|--------------------------------------|--------------|----------------------------------------|-----|
| 3-BUTOXYPROPAN-2-OL<br>5131-66-8 | 0.525 mg/L | 5.25 mg/L                            | 0.0525 mg/L  |                                        |     |

| Chemical name                    | Freshwater<br>sediment    | Marine sediment            | Sewage treatment | Soil               | Food chain |
|----------------------------------|---------------------------|----------------------------|------------------|--------------------|------------|
| 3-BUTOXYPROPAN-2-OL<br>5131-66-8 | 2.36 mg/kg<br>sediment dw | 0.236 mg/kg<br>sediment dw | 10 mg/L          | 0.16 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.

| Gloves               |                                                                                                                               |                 |                    |
|----------------------|-------------------------------------------------------------------------------------------------------------------------------|-----------------|--------------------|
| Duration of contact  | PPE - Glove material                                                                                                          | Glove thickness | Break through time |
| Long term (repeated) | Wear protective butyl rubber gloves Chlorinated polyethylene (CPE)<br>Polyethylene (PE) Ethyl vinyl alcohol laminate ("EVAL") | > 0.35 mm       | > 120 minutes      |
| Short term           | Wear protective butyl rubber gloves Chlorinated polyethylene (CPE)<br>Polyethylene (PE) Ethyl vinyl alcohol laminate ("EVAL") | > 0.35 mm       | > 10 minutes       |

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

**Respiratory protection** Use appropriate respiratory protection.  
**Recommended filter type:** Filter type: Type A.

**General hygiene considerations** Handle in accordance with good industrial hygiene and safety practice. Do not eat, drink or smoke when using the product. Wash hands before breaks and immediately after handling the product. Remove contaminated clothing and protective equipment before entering eating areas. Keep away from food, drink and animal feedingstuffs. Ensure that eyewash stations and safety showers are close to the workstation location.

## SECTION 9: Physical and chemical properties

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

|                        |                          |
|------------------------|--------------------------|
| <b>Physical state</b>  | Liquid                   |
| <b>Appearance</b>      | Liquid                   |
| <b>Colour</b>          | Colourless               |
| <b>Odour</b>           | Characteristic.          |
| <b>Odour threshold</b> | No information available |

| Property                                       | Values                  | Remarks • Method          |
|------------------------------------------------|-------------------------|---------------------------|
| <b>Melting point / freezing point</b>          |                         | No information available. |
| <b>Initial boiling point and boiling range</b> | 170 - 175 °C            | Read-across.              |
| <b>Flammability</b>                            |                         | No information available. |
| <b>Flammability Limit in Air</b>               |                         | Read-across.              |
| <b>Upper flammability or explosive limits</b>  | 8.4 % vol               |                           |
| <b>Lower flammability or explosive limits</b>  | 1.1 % vol               |                           |
| <b>Flash point</b>                             | 63 °C                   | ASTM D 93. Read-across.   |
| <b>Autoignition temperature</b>                | 242 °C                  | Read-across.              |
| <b>Decomposition temperature</b>               |                         | No information available. |
| <b>pH</b>                                      |                         | No information available. |
| <b>pH (as aqueous solution)</b>                |                         | No information available. |
| <b>Kinematic viscosity</b>                     | 3.85 mm <sup>2</sup> /s | @ 20 °C.                  |
| <b>Dynamic viscosity</b>                       |                         | No information available. |
| <b>Water solubility</b>                        | 6.3 %                   | Read-across.              |
| <b>Solubility(ies)</b>                         |                         | No information available. |
| <b>Partition coefficient</b>                   |                         | No information available. |
| <b>Vapour pressure</b>                         | 0.11 kPa                | Read-across.              |
| <b>Relative density</b>                        | 0.88                    | 25 °C. Read-across.       |

|                            |                                                            |                           |
|----------------------------|------------------------------------------------------------|---------------------------|
| 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       | Not considered to be explosive.                            |                           |
| Oxidising properties       | Does not meet the criteria for classification as oxidising |                           |

**9.2. Other information**

|                 |         |
|-----------------|---------|
| Softening point | -75 °C  |
| VOC content     | 99.99 % |

**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. |
|------------------------------------|-------------------------------|

**10.4. Conditions to avoid**

|                     |                                              |
|---------------------|----------------------------------------------|
| Conditions to avoid | Extremes of temperature and direct sunlight. |
|---------------------|----------------------------------------------|

**10.5. Incompatible materials**

|                        |                                        |
|------------------------|----------------------------------------|
| Incompatible materials | Strong oxidising agents. Strong acids. |
|------------------------|----------------------------------------|

**10.6. Hazardous decomposition products**

|                                  |                |
|----------------------------------|----------------|
| Hazardous decomposition products | Carbon oxides. |
|----------------------------------|----------------|

**SECTION 11: Toxicological information****11.1. Information on toxicological effects****Information on likely routes of exposure****Product Information**

|              |                                                                                         |
|--------------|-----------------------------------------------------------------------------------------|
| Inhalation   | Inhalation of vapours in high concentration may cause irritation of respiratory system. |
| Eye contact  | Causes serious eye irritation.                                                          |
| Skin contact | Causes skin irritation.                                                                 |
| Ingestion    | Gastrointestinal discomfort. 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

**Component Information**

| Chemical name       | Oral LD50            | Dermal LD50             | Inhalation LC50 |
|---------------------|----------------------|-------------------------|-----------------|
| 3-BUTOXYPROPAN-2-OL | = 3300 mg/kg ( Rat ) | > 2000 mg/kg ( Rat )    | -               |
| BUTOXY-1-PROPANOL   | = 1900 mg/kg ( Rat ) | = 1400 mg/kg ( Rabbit ) | -               |

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

**Skin corrosion/irritation** Causes skin irritation.

**3-BUTOXYPROPAN-2-OL (5131-66-8)**

| Method   | Species | Exposure route | Effective dose | Exposure time | Results                |
|----------|---------|----------------|----------------|---------------|------------------------|
| OECD 404 | Rabbit  | Dermal         |                |               | Causes skin irritation |

**BUTOXY-1-PROPANOL (15821-83-7)**

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

**Serious eye damage/eye irritation** Causes serious eye irritation.

**3-BUTOXYPROPAN-2-OL (5131-66-8)**

| Method                                            | Species | Exposure route | Effective dose | Exposure time | Results                       |
|---------------------------------------------------|---------|----------------|----------------|---------------|-------------------------------|
| OECD Test No. 405: Acute Eye Irritation/Corrosion | Rabbit  | eye            |                |               | Causes serious eye irritation |

**BUTOXY-1-PROPANOL (15821-83-7)**

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

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

**3-BUTOXYPROPAN-2-OL (5131-66-8)**

| Method   | Species    | Exposure route | Results               |
|----------|------------|----------------|-----------------------|
| OECD 406 | Guinea pig | Dermal         | Not a skin sensitiser |

**Germ cell mutagenicity** No information available.

**Component Information****3-BUTOXYPROPAN-2-OL (5131-66-8)**

| Method                                             | Species                 | Results  |
|----------------------------------------------------|-------------------------|----------|
| OECD Test No. 471: Bacterial Reverse Mutation Test | in vitro S. typhimurium | Negative |

**Carcinogenicity** No information available.

Component Information

3-BUTOXYPROPAN-2-OL (5131-66-8)

| Method                                                               | Species | Results                                     |
|----------------------------------------------------------------------|---------|---------------------------------------------|
| OECD Test No. 453: Combined Chronic Toxicity/Carcinogenicity Studies |         | Did not cause cancer in laboratory animals. |

**Reproductive toxicity** No information available.

3-BUTOXYPROPAN-2-OL (5131-66-8)

| Method                                                  | Species | Results        |
|---------------------------------------------------------|---------|----------------|
| OECD Test No. 414: Pre-natal Development Toxicity Study | Rat     | Not classified |

**STOT - single exposure** No information available.

3-BUTOXYPROPAN-2-OL (5131-66-8)

| Method | Species | Exposure route | Effective dose | Exposure time | Results                                                                                                                                  |
|--------|---------|----------------|----------------|---------------|------------------------------------------------------------------------------------------------------------------------------------------|
|        |         |                |                |               | Based on available data, specific target organ toxicity is not expected after single oral, single inhalation, or single dermal exposure. |

**STOT - repeated exposure** No information available.

Component Information

3-BUTOXYPROPAN-2-OL (5131-66-8)

| Method                                                                 | Species | Exposure route | Effective dose | Exposure time | Results                |
|------------------------------------------------------------------------|---------|----------------|----------------|---------------|------------------------|
| OECD Test No. 408: Repeated Dose 90-Day Oral Toxicity Study in Rodents | Rat     | Oral           |                |               | NOAEL : 350 mg/kg bw/d |
| OECD Test No. 411: Sub-chronic Dermal Toxicity: 90-day Study           | Rat     | Dermal         |                |               | NOAEL : 880 mg/kg bw/d |

**Aspiration hazard** No information available.

**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.

#### 3-BUTOXYPROPAN-2-OL (5131-66-8)

| Method                                                                                       | Species                         | Endpoint type | Effective dose  | Exposure time | Results |
|----------------------------------------------------------------------------------------------|---------------------------------|---------------|-----------------|---------------|---------|
| OECD Test No. 203: Fish, Acute Toxicity Test or Equivalent.                                  | Poecilia reticulata             | LC50          | 560 - 1000 mg/L | 96 hours      |         |
| OECD Test No. 202: Daphnia sp., Acute Immobilisation Test or Equivalent.                     | Daphnia magna                   | EC50          | > 1000 mg/L     | 48 hours      |         |
| OECD Test No. 201: Freshwater Algae and Cyanobacteria, Growth Inhibition Test or Equivalent. | Pseudokirchneriella subcapitata | EC50          | > 1000 mg/L     | 96 hours      |         |
| OECD Test No. 201: Freshwater Algae and Cyanobacteria, Growth Inhibition Test or Equivalent. | Pseudokirchneriella subcapitata | NOEC          | 560 mg/L        | 96 hours      |         |
| Bacteria toxicity                                                                            |                                 | EC50          | > 1000 mg/L     | 3 hours       |         |

| Chemical name     | Algae/aquatic plants | Fish                                            | Toxicity to microorganisms | Crustacea |
|-------------------|----------------------|-------------------------------------------------|----------------------------|-----------|
| BUTOXY-1-PROPANOL | -                    | LC50: 560 - 1000mg/L (96h, Poecilia reticulata) | -                          | -         |

#### 12.2. Persistence and degradability

**Persistence and degradability** No information available.

#### 3-BUTOXYPROPAN-2-OL (5131-66-8)

| Method                                                                                             | Exposure time | Value               | Results               |
|----------------------------------------------------------------------------------------------------|---------------|---------------------|-----------------------|
| OECD Test No. 301E: Ready Biodegradability: Modified OECD Screening Test (TG 301 E) or Equivalent. | 28 days       | Biodegradation 90 % | Readily biodegradable |

#### 12.3. Bioaccumulative potential

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

#### Component Information

| Chemical name       | Partition coefficient |
|---------------------|-----------------------|
| 3-BUTOXYPROPAN-2-OL | 1.2                   |

#### 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         |
|---------------------|---------------------------------|
| 3-BUTOXYPROPAN-2-OL | The substance is not PBT / vPvB |

**12.6. Other adverse effects**

No information available.

**SECTION 13: Disposal considerations****13.1. Waste treatment methods**

|                                            |                                                                                                                 |
|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------|
| <b>Waste from residues/unused products</b> | Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation. |
| <b>Contaminated packaging</b>              | Do not reuse empty containers.                                                                                  |

**SECTION 14: Transport information****IATA**

|                                          |               |
|------------------------------------------|---------------|
| <b>14.1 UN number or ID number</b>       | Not regulated |
| <b>14.2 UN proper shipping name</b>      | Not regulated |
| <b>14.3 Transport hazard class(es)</b>   | Not regulated |
| <b>14.4 Packing group</b>                | Not regulated |
| <b>14.5 Environmental hazards</b>        | No            |
| <b>14.6 Special precautions for user</b> |               |
| <b>Special Provisions</b>                | None          |

**IMDG**

|                                                                     |                          |
|---------------------------------------------------------------------|--------------------------|
| <b>14.1 UN number or ID number</b>                                  | Not regulated            |
| <b>14.2 UN proper shipping name</b>                                 | Not regulated            |
| <b>14.3 Transport hazard class(es)</b>                              | Not regulated            |
| <b>14.4 Packing group</b>                                           | Not regulated            |
| <b>14.5 Environmental hazards</b>                                   | No                       |
| <b>14.6 Special precautions for user</b>                            |                          |
| <b>Special Provisions</b>                                           | None                     |
| <b>14.7 Maritime transport in bulk according to IMO instruments</b> | No information available |

**RID**

|                                          |               |
|------------------------------------------|---------------|
| <b>14.1 UN number or ID number</b>       | Not regulated |
| <b>14.2 UN proper shipping name</b>      | Not regulated |
| <b>14.3 Transport hazard class(es)</b>   | Not regulated |
| <b>14.4 Packing group</b>                | Not regulated |
| <b>14.5 Environmental hazards</b>        | No            |
| <b>14.6 Special precautions for user</b> |               |
| <b>Special Provisions</b>                | None          |

**ADR**

|                                          |               |
|------------------------------------------|---------------|
| <b>14.1 UN number or ID number</b>       | Not regulated |
| <b>14.2 UN proper shipping name</b>      | Not regulated |
| <b>14.3 Transport hazard class(es)</b>   | Not regulated |
| <b>14.4 Packing group</b>                | Not regulated |
| <b>14.5 Environmental hazards</b>        | No            |
| <b>14.6 Special precautions for user</b> |               |
| <b>Special Provisions</b>                | 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 contains one or more substances subject to restriction (UK REACH - Annex XVII).

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

**Product restricted per REACH Annex XVII:** 3. 75

| Chemical name                   | Restricted substance per REACH Annex XVII | Substance subject to authorisation per REACH Annex XIV |
|---------------------------------|-------------------------------------------|--------------------------------------------------------|
| 3-BUTOXYPROPAN-2-OL - 5131-66-8 | 75                                        | -                                                      |

**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**

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

**Legend:**

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory  
**DSL/NDL** - 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  
**AIIC** - 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****Full text of H-Statements referred to under section 3**

H315 - Causes skin irritation

H319 - Causes serious eye irritation

**Legend**

SVHC: Substances of Very High Concern for Authorisation:

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

TWA TWA (time-weighted average)

Ceiling Maximum limit value

+ Sensitisers

STEL

\*

STEL (Short Term Exposure Limit)

Skin designation

Revision Note SDS sections updated 1 16

**Classification procedure**

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Acute oral toxicity

Acute dermal toxicity

Acute inhalation toxicity - gas

Acute inhalation toxicity - vapour

Acute inhalation toxicity - dust/mist

Skin corrosion/irritation

Serious eye damage/eye irritation

Respiratory sensitisation

Skin sensitisation

Mutagenicity

Carcinogenicity

Reproductive toxicity

STOT - single exposure

STOT - repeated exposure

Acute aquatic toxicity

Chronic aquatic toxicity

Aspiration hazard

Ozone

Method Used

Calculation method

Calculation method

Calculation method

Calculation method

Calculation method

Calculation method

Calculation method

Calculation method

Calculation method

Calculation method

Calculation method

Calculation method

Calculation method

Calculation method

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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**