



# SAFETY DATA SHEET

This safety data sheet complies with the requirements of: REACH Regulation (EC) No 1907/2006, as retained in UK law by (SI 2019/758 as amended)

**XPU 18018 AC**  
**Supersedes Date:** 20-Jan-2021

**Revision date** 06-Jun-2023  
**Revision Number** 2

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

### 1.1. Product identifier

**Product Name** XPU 18018 AC

**Pure substance/mixture** Mixture

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

**Recommended use** Adhesives

**Uses advised against** None known

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

#### Company Name

Bostik Limited  
Common Rd  
ST16 3EH  
Stafford UK  
Tel: +44 (1785) 27 26 25  
Fax: +44 (1785) 25 72 36

**E-mail address** SDS.box-EU@bostik.com

### 1.4. Emergency telephone number

**United Kingdom** Bostik: +44 (1785) 272650 (9am to 5pm Mon-Fri)  
NHS: 111

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

GB CLP (SI 2020/1567 as amended)

|  |                     |
|--|---------------------|
| <b>Serious eye damage/eye irritation</b> | Category 1 - (H318) |
| <b>Skin sensitisation</b>                | Category 1 - (H317) |
| <b>Chronic aquatic toxicity</b>          | Category 3 - (H412) |

### 2.2. Label elements

Contains 2-Ethyl-1,3-hexanediol, Propylidynetrimethanol, propoxylated, reaction products with ammonia, Fatty acids, C18, unsaturated, dimers, reaction products with N,N-dimethyl-1,3-propanediamine and 1,3-propanediamine



**Signal word**

United Kingdom - BE

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Danger

## Hazard statements

H317 - May cause an allergic skin reaction.  
H318 - Causes serious eye damage.  
H412 - Harmful to aquatic life with long lasting effects.

## Precautionary Statements - EU (§28, 1272/2008)

P273 - Avoid release to the environment  
P280 - Wear protective gloves and eye/face protection  
P302 + P352 - IF ON SKIN: Wash with plenty of soap and water  
P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
P310 - Immediately call a POISON CENTER or doctor  
P501 - Dispose of contents/ container to an approved waste disposal plant

## Additional information

This product is part of a kit. Please also refer to the SDS for the other component(s) of the kit.

## 2.3. Other hazards

No information available.

## PBT & vPvB

This mixture contains no substance considered to be persistent, bioaccumulating or toxic (PBT). This mixture contains no substance considered to be very persistent nor very bioaccumulating (vPvB).

## SECTION 3: Composition/information on ingredients

### 3.1 Substances

Not applicable

### 3.2 Mixtures

| Chemical name  | EC No (EU Index No)         | CAS No     | Weight-%   | Classification according to Regulation (EC) No. 1272/2008 [CLP]                             | Specific concentration limit (SCL) | REACH registration number |
|--|-----------------------------|------------|------------|---|------------------------------------|---------------------------|
| Poly(oxy-1,4-butanediyl), .alpha.-hydro.-omega.-hydroxy-             | -                           | 25190-06-1 | 10 - <20   | Aquatic Chronic 3 (H412)  | -                                  | [7]                       |
| 2-Ethyl-1,3-hexanediol   | (603-087-00-9)<br>202-377-9 | 94-96-2    | 5 - <10    | Eye Dam. 1 (H318)   | -                                  | 01-2119985706-21-XXXX     |
| Diisopropylnaphthalene   | 254-052-6                   | 38640-62-9 | 1 - <2.5   | Asp. Tox. 1 (H304)<br>Aquatic Chronic 1 (H410)  | -                                  | 01-2119565150-48-XXXX     |
| Propylidynetrimethanol, propoxylated, reaction products with ammonia | 500-105-6                   | 39423-51-3 | 1 - <2.5   | Eye Dam. 1 (H318)<br>Acute Tox. 4 (H302)<br>Acute Tox. 4 (H312)<br>Aquatic Chronic 2 (H411) | -                                  | 01-2119556886-20-XXXX     |
| Quartz   | 238-878-4                   | 14808-60-7 | 0.1 - <0.5 | [B]   | -                                  | [5]                       |

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|  |                             |             |            |   |   |                       |
|--|-----------------------------|-------------|------------|---|---|-----------------------|
| Fatty acids, C18, unsaturated, dimers, reaction products with N,N-dimethyl-1,3-propanediamine and 1,3-propanediamine | 605-296-0                   | 162627-17-0 | 0.1 - <0.3 | Skin Sens. 1A (H317)                    | - | 01-2119970640-38-XXXX |
| Propylidynetrimethanol   | 201-074-9                   | 77-99-6     | 0.1 - <0.3 | Repr. 2 (H361fd)                        | - | 01-2119486799-10-xxxx |
| Propylene glycol monomethyl ether  | (603-064-00-3)<br>203-539-1 | 107-98-2    | 0.1 - <0.3 | STOT SE 3 (H336)<br>Flam. Liq. 3 (H226) | - | 01-2119457435-35-xxxx |

NOTE [5] - This substance is exempted from registration according to the provisions of Article 2(7)(a) and Annex V of REACH  
NOTE [7] - No registration number is given for this substance because it is a polymer exempted from registration according to the provisions of Article 2(9) of REACH. All monomers or other substances within the polymer are registered or exempt from registration

Classification according to Regulation (EC) No. 1272/2008 [CLP] - Notes  
[B] - Substance with a Community workplace exposure limit

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

This product does not contain candidate substances of very high concern at a concentration  $\geq 0.1\%$  (Regulation (EC) No. 1907/2006 (REACH), Article 59)

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

|   |   |
|---|---|
| <b>General advice</b>                     | Immediate medical attention is required. Show this safety data sheet to the doctor in attendance.   |
| <b>Inhalation</b>                         | Remove to fresh air. Get medical attention immediately if symptoms occur.   |
| <b>Eye contact</b>                        | Get immediate medical attention. 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. Keep eye wide open while rinsing. Do not rub affected area. |
| <b>Skin contact</b>                       | Wash off immediately with soap and plenty of water for at least 15 minutes. May cause an allergic skin reaction. In the case of skin irritation or allergic reactions see a doctor.   |
| <b>Ingestion</b>                          | Rinse mouth. Never give anything by mouth to an unconscious person. Do NOT induce vomiting. Call a doctor.  |
| <b>Self-protection of the first aider</b> | Avoid contact with skin, eyes or clothing. Wear personal protective clothing (see section 8).   |

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

**Symptoms** Burning sensation. Itching. Rashes. Hives.

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

**Note to doctors** May cause sensitisation in susceptible persons. Treat symptomatically.

## SECTION 5: Firefighting measures

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## 5.1. Extinguishing media

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

**Unsuitable extinguishing media** No information available.

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

**Specific hazards arising from the chemical** Product is or contains a sensitiser. May cause sensitisation by skin contact.

**Hazardous combustion products** Carbon oxides. Carbon monoxide. Carbon dioxide (CO<sub>2</sub>). Nitrogen oxides (NO<sub>x</sub>).

## 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** Avoid contact with skin, eyes or clothing. Use personal protective equipment as required. Ensure adequate ventilation. Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak.

**Other information** Refer to protective measures listed in Sections 7 and 8.

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

### 6.2. Environmental precautions

**Environmental precautions** Prevent further leakage or spillage if safe to do so.

### 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** Take up mechanically, placing in appropriate containers for disposal.

**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** Please also refer to the SDS for the other component(s) of the kit. This product is part of a kit. Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke when using this product. Ensure adequate ventilation. In case of insufficient ventilation, wear suitable respiratory equipment. Take off contaminated clothing and wash it before reuse.

**General hygiene considerations** Avoid contact with skin, eyes or clothing. Wear suitable gloves and eye/face protection. Do not eat, drink or smoke when using this product.

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

**Storage Conditions** Keep containers tightly closed in a dry, cool and well-ventilated place. Store locked up. Keep out of the reach of children. Keep from freezing. Protect from moisture.

**Recommended storage temperature** Keep at temperatures between 10 and 35 °C.

## 7.3. Specific end use(s)

**Specific use(s)**  
Adhesives.

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

**Other information** Observe technical data sheet.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### Exposure Limits

| Chemical name                                 | European Union  | United Kingdom   |
|---|---|--|
| Limestone<br>1317-65-3                        | -   | TWA: 10 mg/m <sup>3</sup><br>TWA: 4 mg/m <sup>3</sup><br>STEL: 30 mg/m <sup>3</sup><br>STEL: 12 mg/m <sup>3</sup>                                      |
| Quartz<br>14808-60-7                          | TWA: 0.1 mg/m <sup>3</sup>  | TWA: 0.1 mg/m <sup>3</sup><br>STEL: 0.3 mg/m <sup>3</sup>  |
| 1,2-Propylene glycol<br>57-55-6               | -   | TWA: 150 ppm<br>TWA: 474 mg/m <sup>3</sup><br>TWA: 10 mg/m <sup>3</sup><br>STEL: 450 ppm<br>STEL: 1422 mg/m <sup>3</sup><br>STEL: 30 mg/m <sup>3</sup> |
| Propylene glycol monomethyl ether<br>107-98-2 | TWA: 100 ppm<br>TWA: 375 mg/m <sup>3</sup><br>STEL: 150 ppm<br>STEL: 568 mg/m <sup>3</sup><br>* | TWA: 100 ppm<br>TWA: 375 mg/m <sup>3</sup><br>STEL: 150 ppm<br>STEL: 560 mg/m <sup>3</sup><br>Sk*  |

**Derived No Effect Level (DNEL)** No information available

#### Derived No Effect Level (DNEL)

##### 2-Ethyl-1,3-hexanediol (94-96-2)

| Type  | Exposure route | Derived No Effect Level (DNEL) | Safety factor |
|---|----------------|--------------------------------|---------------|
| worker<br>Systemic health effects<br>Long term  | Dermal         | 76.3 mg/kg bw/d                |               |
| worker<br>Systemic health effects<br>Short term | Dermal         | 228.9 mg/kg bw/d               |               |

##### Diisopropylnaphthalene (38640-62-9)

| Type                | Exposure route | Derived No Effect Level (DNEL) | Safety factor |
|---------------------|----------------|--------------------------------|---------------|
| worker<br>Long term | Dermal         | 4.3 mg/kg bw/d                 |               |
| worker<br>Long term | Inhalation     | 30 mg/m <sup>3</sup>           |               |

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| <b>Propylidynetrimehanol, propoxylated, reaction products with ammonia (39423-51-3)</b> |                |                                |               |
|---|----------------|--------------------------------|---------------|
| Type  | Exposure route | Derived No Effect Level (DNEL) | Safety factor |
| worker<br>Long term<br>Systemic health effects  | Inhalation     | 14.1 mg/m <sup>3</sup>         |               |
| worker<br>Long term<br>Systemic health effects  | Dermal         | 1.6 mg/kg bw/d                 |               |

| <b>Quartz (14808-60-7)</b>                          |                |                                |               |
|---|----------------|--------------------------------|---------------|
| <b>Propylene glycol monomethyl ether (107-98-2)</b> |                |                                |               |
| Type  | Exposure route | Derived No Effect Level (DNEL) | Safety factor |
| worker<br>Short term<br>Systemic health effects     | Inhalation     | 553.5 mg/m <sup>3</sup>        |               |
| worker<br>Short term<br>Local health effects        | Inhalation     | 553.5 mg/m <sup>3</sup>        |               |
| worker<br>Long term<br>Systemic health effects      | Dermal         | 183 mg/kg bw/d                 |               |
| worker<br>Long term<br>Systemic health effects      | Inhalation     | 369 mg/m <sup>3</sup>          |               |

| <b>Derived No Effect Level (DNEL)</b>             |                |                                |               |
|---|----------------|--------------------------------|---------------|
| <b>2-Ethyl-1,3-hexanediol (94-96-2)</b>           |                |                                |               |
| Type  | Exposure route | Derived No Effect Level (DNEL) | Safety factor |
| Consumer<br>Long term<br>Systemic health effects  | Oral           | 0.17 mg/kg bw/d                |               |
| Consumer<br>Short term                            | Oral           | 0.51 mg/kg bw/d                |               |
| Consumer<br>Long term<br>Systemic health effects  | Dermal         | 38.2 mg/kg bw/d                |               |
| Consumer<br>Short term<br>Systemic health effects | Dermal         | 114.5 mg/kg bw/d               |               |

| <b>Diisopropyl-naphthalene (38640-62-9)</b> |                |                                |               |
|---|----------------|--------------------------------|---------------|
| Type  | Exposure route | Derived No Effect Level (DNEL) | Safety factor |
| Consumer<br>Long term                       | Oral           | 2.1 mg/kg bw/d                 |               |
| Consumer<br>Long term                       | Dermal         | 2.1 mg/kg bw/d                 |               |
| Consumer<br>Long term                       | Inhalation     | 7.4 mg/m <sup>3</sup>          |               |

| <b>Propylene glycol monomethyl ether (107-98-2)</b> |                |                                |               |
|---|----------------|--------------------------------|---------------|
| Type  | Exposure route | Derived No Effect Level (DNEL) | Safety factor |
| Consumer<br>Long term                               | Dermal         | 78 mg/kg bw/d                  |               |

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|  |            |                        |  |
|--|------------|------------------------|--|
| Systemic health effects                          |            |                        |  |
| Consumer<br>Long term<br>Systemic health effects | Inhalation | 43.9 mg/m <sup>3</sup> |  |
| Consumer<br>Long term<br>Systemic health effects | Oral       | 33 mg/kg bw/d          |  |

## Predicted No Effect Concentration (PNEC)

| Predicted No Effect Concentration (PNEC) |  |
|--|--|
| 2-Ethyl-1,3-hexanediol (94-96-2)         |  |
| Environmental compartment                | Predicted No Effect Concentration (PNEC) |
| Freshwater                               | 0.1 mg/l                                 |
| Marine water                             | 0.01 mg/l                                |
| Freshwater sediment                      | 1.6 mg/kg dry weight                     |
| Marine sediment                          | 0.16 mg/kg dry weight                    |
| Soil                                     | 0.17 mg/kg dry weight                    |
| Microorganisms in sewage treatment       | 3 mg/l                                   |

| Diisopropylnaphthalene (38640-62-9) |  |
|-------------------------------------|--|
| Environmental compartment           | Predicted No Effect Concentration (PNEC) |
| Freshwater                          | 0.236 µg/l                               |
| Marine water                        | 0.0236 µg/l                              |
| Freshwater sediment                 | 0.853 mg/kg dry weight                   |
| Marine sediment                     | 0.085 mg/kg dry weight                   |
| Soil                                | 0.171 mg/kg dry weight                   |
| Microorganisms in sewage treatment  | 0.15 mg/l                                |

| Propylidynetrimethanol, propoxylated, reaction products with ammonia (39423-51-3) |  |
|---|--|
| Environmental compartment   | Predicted No Effect Concentration (PNEC) |
| Freshwater  | 0.004 mg/l                               |
| Freshwater - intermittent   | 0.044 mg/l                               |
| Marine water  | 0 mg/l                                   |
| Freshwater sediment   | 0.022 mg/kg dry weight                   |
| Marine sediment   | 0.002 mg/kg dry weight                   |
| Sewage treatment plant  | 10 mg/l                                  |
| Soil  | 0.002 mg/kg dry weight                   |

| Propylene glycol monomethyl ether (107-98-2) |  |
|--|--|
| Environmental compartment                    | Predicted No Effect Concentration (PNEC) |
| Freshwater                                   | 10 mg/l                                  |
| Marine water                                 | 1 mg/l                                   |
| Sewage treatment plant                       | 100 mg/l                                 |
| Freshwater sediment                          | 52.3 mg/kg dry weight                    |
| Marine sediment                              | 5.2 mg/kg dry weight                     |
| Soil   | 4.59 mg/kg dry weight                    |

## 8.2. Exposure controls

### Engineering controls

Ensure adequate ventilation, especially in confined areas.

### Personal protective equipment

#### Eye/face protection

Wear safety glasses with side shields (or goggles).

#### Hand protection

Wear suitable gloves. Gloves must conform to standard EN 374. Recommended Use: Nitrile rubber. Viton™. Unsuitable protective clothing. Natural rubber. Disposable gloves. Ensure that the breakthrough time of the glove material is not exceeded. Refer to glove supplier for information on breakthrough time for specific gloves. The breakthrough time for the mentioned glove material is in general greater than 480 min.

#### Skin and body protection

Wear suitable protective clothing.

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**Respiratory protection** No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

**Environmental exposure controls** Do not allow uncontrolled discharge of product into the environment.

## SECTION 9: Physical and chemical properties

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

|                 |                          |
|-----------------|--------------------------|
| Physical state  | Liquid                   |
| Appearance      | Viscous                  |
| Colour          | Grey                     |
| Odour           | Slight.                  |
| Odour threshold | No information available |

| <u>Property</u>                         | <u>Values</u>              | <u>Remarks • Method</u> |
|---|----------------------------|-------------------------|
| Melting point / freezing point          | No data available          |                         |
| Initial boiling point and boiling range | No data available          | None known              |
| Flammability                            | Not applicable for liquids |                         |
| Flammability Limit in Air               |                            | None known              |
| Upper flammability or explosive limits  | No data available          |                         |
| Lower flammability or explosive limits  | No data available          |                         |
| Flash point                             | > 100 °C                   | CC (closed cup)         |
| Autoignition temperature                | No data available          | None known              |
| Decomposition temperature               |                            | None known              |
| pH                                      | No data available          | None known.             |
| pH (as aqueous solution)                | No data available          | None known              |
| Kinematic viscosity                     | No data available          | None known              |
| Dynamic viscosity                       | 40000 - 70000 mPa s        | @ 23 °C                 |
| Water solubility                        | Insoluble in water.        |                         |
| Solubility(ies)                         | No data available          | None known              |
| Partition coefficient                   | No data available          | None known              |
| Vapour pressure                         | No data available          | None known              |
| Relative density                        | No data available          | None known              |
| Bulk Density                            | No data available          |                         |
| Liquid Density                          | 1.67 g/cm <sup>3</sup>     |                         |
| Relative vapour density                 | No data available          | None known              |
| Particle characteristics                |                            |                         |
| Particle Size                           | No information available   |                         |
| Particle Size Distribution              | No information available   |                         |

### 9.2. Other information

|                   |                          |
|-------------------|--------------------------|
| Solid content (%) | No information available |
| VOC content       | No data available        |

9.2.1. Information with regards to physical hazard classes  
Not applicable

9.2.2. Other safety characteristics  
No information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

**Reactivity** No information available.

### 10.2. Chemical stability

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**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** Do not freeze. Protect from moisture.

## 10.5. Incompatible materials

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

## 10.6. Hazardous decomposition products

**Hazardous decomposition products** None under normal use conditions.

## SECTION 11: Toxicological information

### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

#### Information on likely routes of exposure

##### Product Information

**Inhalation** Specific test data for the substance or mixture is not available.

**Eye contact** Specific test data for the substance or mixture is not available. Causes serious eye damage. May cause irreversible damage to eyes.

**Skin contact** Specific test data for the substance or mixture is not available. May cause irritation. May cause sensitisation by skin contact. Repeated or prolonged skin contact may cause allergic reactions with susceptible persons. (based on components).

**Ingestion** Specific test data for the substance or mixture is not available. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhoea.

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

**Symptoms** Redness. Burning. May cause blindness. Itching. Rashes. Hives.

#### Acute toxicity

#### Numerical measures of toxicity

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

**ATEmix (oral)** 39,370.10 mg/kg

**ATEmix (dermal)** 34,169.70 mg/kg

**ATEmix (inhalation-gas)** >20000 ppm

**ATEmix (inhalation-dust/mist)** >5 mg/l

**ATEmix (inhalation-vapour)** >20 mg/l

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## Component Information

| Chemical name  | Oral LD50                              | Dermal LD50                                | Inhalation LC50               |
|--|--|--|-------------------------------|
| Poly(oxy-1,4-butanediyl),<br>alpha.-hydro.-omega.-hydroxy-   | >11000 mg/Kg (Rattus)                  | >2000 mg/Kg (Rattus)                       | >11 mg/l/4h (Rattus)          |
| 2-Ethyl-1,3-hexanediol   | >2000 mg/kg (Rattus)                   | > 2000 mg/kg (Oryctolagus<br>cuniculus)    | >3.8 mg/L (Rattus) 4 h        |
| Diisopropyl-naphthalene  | LD50 = 4130 mg/kg (Rattus)<br>OECD 401 | > 4500 mg/kg (Rattus)                      | >5.64 mg/L (Rattus) 4 h       |
| Propylidynetrimethanol,<br>propoxylated, reaction products<br>with ammonia   | =550 mg/Kg (Rattus)<br>(OECD 425)      | > 1000 mg/kg ( Rattus )<br>(OECD 402)      | -                             |
| Quartz   | >2000 mg/kg (Rattus)                   | -  | -                             |
| Fatty acids, C18, unsaturated,<br>dimers, reaction products with<br>N,N-dimethyl-1,3-propanediam<br>ine and 1,3-propanediamine | LD50 >5000 mg/kg (rattus)              | -  | -                             |
| Propylidynetrimethanol   | = 14100 mg/kg ( Rat )                  | > 10010 mg/kg ( Oryctolagus<br>cuniculus ) | > 0.85085 mg/L ( Rattus ) 4 h |
| Propylene glycol monomethyl<br>ether   | >3500 mg/Kg (Rattus)                   | >2000 mg/Kg (Rattus)                       | >7559 ppm (Rattus) 6 h        |

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

|  |  |
|--|--|
| <b>Skin corrosion/irritation</b>         | May cause skin irritation.   |
| <b>Serious eye damage/eye irritation</b> | Classification based on data available for ingredients. Causes burns. Causes serious eye damage. |
| <b>Respiratory or skin sensitisation</b> | May cause an allergic skin reaction.   |
| <b>Germ cell mutagenicity</b>            | Based on available data, the classification criteria are not met.                                |
| <b>Carcinogenicity</b>                   | Based on available data, the classification criteria are not met.                                |
| <b>Reproductive toxicity</b>             | Based on available data, the classification criteria are not met.                                |
| <b>STOT - single exposure</b>            | Based on available data, the classification criteria are not met.                                |
| <b>STOT - repeated exposure</b>          | Based on available data, the classification criteria are not met.                                |
| <b>Aspiration hazard</b>                 | Based on available data, the classification criteria are not met.                                |

## 11.2. Information on other hazards

### 11.2.1. Endocrine disrupting properties

**Endocrine disrupting properties** No information available.

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## 11.2.2. Other information

**Other adverse effects** No information available.

**Note:** PC-ADH-8 Multi-component adhesives and sealants Please also refer to the SDS for the other component(s) of the kit This product is part of a kit

## SECTION 12: Ecological information

### 12.1. Toxicity

**Ecotoxicity** Harmful to aquatic life with long lasting effects.

| Chemical name  | Algae/aquatic plants  | Fish  | Toxicity to microorganisms | Crustacea   | M-Factor | M-Factor (long-term) |
|--|---|---|----------------------------|---|----------|----------------------|
| Poly(oxy-1,4-butanediyl),<br>.alpha.-hydro.-omega.-hydroxy-<br>25190-06-1          | -   | -   | -                          | >10 - <100 mg/l (Daphnia)   |          | 1                    |
| 2-Ethyl-1,3-hexanediol<br>94-96-2  | >100 mg/l (Desmodesmus subspicatus)   | LD50=624 mg/L (Ictalurus punctatus)   | -                          | >100 mg/l (Daphnia magna)   |          |                      |
| Diisopropyl naphthalene<br>38640-62-9  | NOEC (72h) = 0.15 mg/l (Desmodesmus subspicatus) DIN 38412 part 9               | >0.5 mg/l   | -                          | EL50 (48h) = 1.7 mg/l (Daphnia magna) OECD 202  |          |                      |
| Propylidynetrimethanol, propoxylated, reaction products with ammonia<br>39423-51-3 | ErC50 (72h) = 4.4 mg/L for Pseudokirchneriella subcapitata (OECD Guideline 201) | LC50 (96h) > 100 mg/L for Oncorhynchus mykiss (OECD TG 203, EC Method C.1)                | -                          | EC50 (48hr) 13 mg/l Daphnia magna   |          | 1                    |
| Propylidynetrimethanol<br>77-99-6  | -   | LC50: =21700mg/L (48h, Cyprinodon)  | -                          | EC50: =13000mg/L (48h, Daphnia species)<br>EC50: 10330 - 16360mg/L (48h, Daphnia magna) |          |                      |
| Propylene glycol monomethyl ether<br>107-98-2                                      | -   | LC50: 4600 - 10000mg/L (96h, Leuciscus idus)<br>LC50: =20.8g/L (96h, Pimephales promelas) | -                          | EC50: =23300mg/L (48h, Daphnia magna)   |          |                      |

### 12.2. Persistence and degradability

**Persistence and degradability** No information available.

2-Ethyl-1,3-hexanediol (94-96-2)

| Method  | Exposure time | Value | Results               |
|---|---------------|-------|-----------------------|
| OECD Test No. 301E: Ready Biodegradability: Modified OECD Screening Test (TG 301 E) | 27 days       | 93%   | Readily biodegradable |

Propylidynetrimethanol, propoxylated, reaction products with ammonia (39423-51-3)

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| Method  | Exposure time | Value | Results                   |
|---|---------------|-------|---------------------------|
| OECD Test No. 301F: Ready Biodegradability: Manometric Respirometry Test (TG 301 F) | 28 days       | <5%   | Not readily biodegradable |

Quartz (14808-60-7)

## 12.3. Bioaccumulative potential

### Bioaccumulation

#### Component Information

| Chemical name  | Partition coefficient |
|--|-----------------------|
| Poly(oxy-1,4-butanediyl), .alpha.-hydro-.omega.-hydroxy-   | 34                    |
| 2-Ethyl-1,3-hexanediol   | 3                     |
| Diisopropylnaphthalene   | 6                     |
| Propylidynetrimethanol, propoxylated, reaction products with ammonia   | -1.13                 |
| Fatty acids, C18, unsaturated, dimers, reaction products with N,N-dimethyl-1,3-propanediamine and 1,3-propanediamine | 5.5                   |
| Propylidynetrimethanol   | -0.47                 |
| Propylene glycol monomethyl ether  | 1                     |

## 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 contains substance(s) classified as PBT or vPvB.

| Chemical name  | PBT and vPvB assessment                                       |
|--|---|
| 2-Ethyl-1,3-hexanediol   | The substance is not PBT / vPvB                               |
| Diisopropylnaphthalene   | The substance is handled as if it were a PBT / vPvB           |
| Propylidynetrimethanol, propoxylated, reaction products with ammonia   | The substance is not PBT / vPvB                               |
| Fatty acids, C18, unsaturated, dimers, reaction products with N,N-dimethyl-1,3-propanediamine and 1,3-propanediamine | The substance is not PBT / vPvB                               |
| Propylidynetrimethanol   | The substance is not PBT / vPvB PBT assessment does not apply |
| Propylene glycol monomethyl ether  | The substance is not PBT / vPvB                               |

## 12.6. Endocrine disrupting properties

**Endocrine disrupting properties** No information available.

## 12.7. 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.

**Waste codes / waste designations** 15 01 10\*: Packaging containing residues of or contaminated by dangerous substances.

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|                                 |  |
|---------------------------------|--|
| <b>according to EWC</b>         | 16 03 03* inorganic wastes containing hazardous substances. 16 05 05 gases in pressure containers other than those mentioned in 16 05 04. Waste codes should be assigned by the user based on the application for which the product was used.                          |
| <b>European Waste Catalogue</b> | 20 01 27* paint, inks, adhesives and resins containing dangerous substances<br>08 04 09* waste adhesives and sealants containing organic solvents or other dangerous substances<br>15 01 10*: Packaging containing residues of or contaminated by dangerous substances |
| <b>Other information</b>        | Waste codes should be assigned by the user based on the application for which the product was used.  |

## SECTION 14: Transport information

**Note:** Keep from freezing.

### Land transport (ADR/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        | Not applicable |
| 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 Marine pollutant  | NP             |
| 14.6 Special precautions for user                                  |                |
| Special Provisions   | None           |
| 14.7 Maritime transport in bulk according to IMO instruments       |                |
| Transport in bulk according to Annex II of MARPOL and the IBC Code | Not applicable |

### Air transport (ICAO-TI / IATA-DGR)

|                                   |                |
|-----------------------------------|----------------|
| 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        | Not applicable |
| 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

#### European Union

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

Check whether measures in accordance with Directive 94/33/EC for the protection of young people at work must be taken.

Take note of Directive 92/85/EC on the protection of pregnant and breastfeeding women at work

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## Registration, Evaluation, Authorization, and Restriction of Chemicals (REACH) Regulation (EC 1907/2006)

### **SVHC: Substances of Very High Concern for Authorisation:**

This product does not contain candidate substances of very high concern at a concentration  $\geq 0.1\%$  (Regulation (EC) No. 1907/2006 (REACH), Article 59)

### **EU-REACH (1907/2006) - Annex XVII - Substances subject to Restriction**

This product does not contain substances subject to restriction (Regulation (EC) No. 1907/2006 (REACH), Annex XVII).

### **Substance subject to authorisation per REACH Annex XIV**

This product does not contain substances subject to authorisation (Regulation (EC) No. 1907/2006 (REACH), Annex XIV)

### **Ozone-depleting substances (ODS) regulation (EC) 1005/2009**

Not applicable

### **Persistent Organic Pollutants**

Not applicable

## National regulations

### 15.2. Chemical safety assessment

Chemical Safety Assessments have been carried out by the Reach registrants for substances registered at  $>10$  tpa. No Chemical Safety Assessment has been carried out for this 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

H226 - Flammable liquid and vapour  
H302 - Harmful if swallowed  
H304 - May be fatal if swallowed and enters airways  
H312 - Harmful in contact with skin  
H317 - May cause an allergic skin reaction  
H318 - Causes serious eye damage  
H336 - May cause drowsiness or dizziness  
H361fd - Suspected of damaging fertility. Suspected of damaging the unborn child  
H410 - Very toxic to aquatic life with long lasting effects  
H411 - Toxic to aquatic life with long lasting effects  
H412 - Harmful to aquatic life with long lasting effects

#### **Legend**

|         |   |
|---------|---|
| TWA     | TWA (time-weighted average)                               |
| STEL    | STEL (Short Term Exposure Limit)                          |
| Ceiling | Ceiling Limit Value                                       |
| *       | Skin designation  |
| SVHC    | Substance(s) of Very High Concern                         |
| PBT     | Persistent, Bioaccumulative, and Toxic (PBT) Chemicals    |
| vPvB    | Very Persistent and very Bioaccumulative (vPvB) Chemicals |
| STOT RE | Specific target organ toxicity - Repeated exposure        |
| STOT SE | Specific target organ toxicity - Single exposure          |
| EWC     | European Waste Catalogue                                  |

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|      |   |
|------|---|
| ADR  | European Agreement concerning the International Carriage of Dangerous Goods by Road |
| IMDG | International Maritime Dangerous Goods (IMDG)                                       |
| IATA | International Air Transport Association (IATA)                                      |
| RID  | Regulations concerning the International Transport of Dangerous Goods by Rail       |

## Key literature references and sources for data

No information available

**Prepared By** Product Safety & Regulatory Affairs  
**Revision date** 06-Jun-2023

## Indication of changes

**Revision note** SDS sections updated: 1, 2, 3, 5, 8, 9, 11, 12.  
**Training Advice** When working with hazardous materials, regular training of operators is required by law  
**Further information** No information available

**This material safety data sheet complies with requirements of UK REACH Regulations (SI 2019/758 as amended)**

## 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**