



# 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**

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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) 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) 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) Acute Tox. 4 (H302) Acute Tox. 4 (H312) 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) 203-539-1	107-98-2	0.1 - <0.3	STOT SE 3 (H336) 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 1317-65-3	-	TWA: 10 mg/m <sup>3</sup> TWA: 4 mg/m <sup>3</sup> STEL: 30 mg/m <sup>3</sup> STEL: 12 mg/m <sup>3</sup>
Quartz 14808-60-7	TWA: 0.1 mg/m <sup>3</sup>	TWA: 0.1 mg/m <sup>3</sup> STEL: 0.3 mg/m <sup>3</sup>
1,2-Propylene glycol 57-55-6	-	TWA: 150 ppm TWA: 474 mg/m <sup>3</sup> TWA: 10 mg/m <sup>3</sup> STEL: 450 ppm STEL: 1422 mg/m <sup>3</sup> STEL: 30 mg/m <sup>3</sup>
Propylene glycol monomethyl ether 107-98-2	TWA: 100 ppm TWA: 375 mg/m <sup>3</sup> STEL: 150 ppm STEL: 568 mg/m <sup>3</sup> *	TWA: 100 ppm TWA: 375 mg/m <sup>3</sup> STEL: 150 ppm STEL: 560 mg/m <sup>3</sup> 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 Systemic health effects Long term	Dermal	76.3 mg/kg bw/d	
worker Systemic health effects Short term	Dermal	228.9 mg/kg bw/d	

Diisopropylnaphthalene (38640-62-9)			
Type	Exposure route	Derived No Effect Level (DNEL)	Safety factor
worker Long term	Dermal	4.3 mg/kg bw/d	
worker Long term	Inhalation	30 mg/m <sup>3</sup>	

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

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

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

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

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

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

## 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

Property	Values	Remarks • Method
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), 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 cuniculus)	>3.8 mg/L (Rattus) 4 h
Diisopropylnaphthalene	LD50 = 4130 mg/kg (Rattus) OECD 401	> 4500 mg/kg (Rattus)	>5.64 mg/L (Rattus) 4 h
Propylidynetrimethanol, propoxylated, reaction products with ammonia	=550 mg/Kg (Rattus) (OECD 425)	> 1000 mg/kg ( Rattus ) (OECD 402)	-
Quartz	>2000 mg/kg (Rattus)	-	-
Fatty acids, C18, unsaturated, dimers, reaction products with N,N-dimethyl-1,3-propanediam ine and 1,3-propanediamine	LD50 >5000 mg/kg (rattus)	-	-
Propylidynetrimethanol	= 14100 mg/kg ( Rat )	> 10010 mg/kg ( Oryctolagus cuniculus )	> 0.85085 mg/L ( Rattus ) 4 h
Propylene glycol monomethyl 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), .alpha.-hydro.-omega.-hydroxy- 25190-06-1	-	-	-	>10 - <100 mg/l (Daphnia)		1
2-Ethyl-1,3-hexanediol 94-96-2	>100 mg/l (Desmodesmus subspicatus)	LD50=624 mg/L (Ictalurus punctatus)	-	>100 mg/l (Daphnia magna)		
Diisopropylnaphthalene 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 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 77-99-6	-	LC50: =21700mg/L (48h, Cyprinodon)	-	EC50: =13000mg/L (48h, Daphnia species) EC50: 10330 - 16360mg/L (48h, Daphnia magna)		
Propylene glycol monomethyl ether 107-98-2	-	LC50: 4600 - 10000mg/L (96h, Leuciscus idus) 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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according to EWC	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.
European Waste Catalogue	20 01 27* paint, inks, adhesives and resins containing dangerous substances 08 04 09* waste adhesives and sealants containing organic solvents or other dangerous substances 15 01 10*: Packaging containing residues of or contaminated by dangerous substances
Other information	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
<u>Indication of changes</u>	

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**