# **SAFETY DATA SHEET**



VISASOL - BASE T - All variants

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

#### 1.1 Product identifier Product name

: MSASOL - BASE T - All variants

**1.2 Relevant identified uses of the substance or mixture and uses advised againstProduct use**: Paint.

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

Teknos Group Oy, Takkatie 3, FI-00370 HELSINKI, FINLAND. Tel. +358 9 506 091.

e-mail address of person : Prod-safe@teknos.com

# responsible for this SDS

#### National contact

Teknos (UK) Limited, 7 Longlands Rd, Bicester, Oxfordshire OX26 5AH, United Kingdom. Tel. +44 (0) 1869 208005.

#### **1.4 Emergency telephone number**

National advisory body/Poison Centre

Telephone number : NHS: 111

### **SECTION 2: Hazards identification**

#### 2.1 Classification of the substance or mixture

Product definition : Mixture

**Classification according to UK CLP/GHS** 

Skin Sens. 1, H317 Aquatic Chronic 3, H412

The product is classified as hazardous according to UK CLP Regulation SI 2019/720 as amended.

See Section 16 for the full text of the H statements declared above.

See Section 11 for more detailed information on health effects and symptoms.

#### 2.2 Label elements

Hazard pictograms



Signal word Hazard statements	Warning H317 - May cause an allergic skin reaction. H412 - Harmful to aquatic life with long lasting effects.	
Precautionary statements		
Prevention	P280 - Wear protective gloves. P273 - Avoid release to the environment. P261 - Avoid breathing vapour.	
Response	₱302 + P352 - IF ON SKIN: Wash with plenty of water. P362 + P364 - Take off contaminated clothing and wash it before reuse.	
Storage	Not applicable.	
Disposal	P501 - Dispose of contents and container in accordance with all local, region national and international regulations.	nal,



# **SECTION 2: Hazards identification**

SECTION 2: Hazards	identification
Supplemental label elements	:
Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles	: Not applicable.
2.3 Other hazards	
Product meets the criteria for PBT or vPvB according to Regulation (EC) No. 1907/2006, Annex XIII	: This mixture does not contain any substances that are assessed to be a PBT or a vPvB.
Other hazards which do not result in classification	: None known.

# **SECTION 3: Composition/information on ingredients**

3.2 Mixtures : I	Identifiers	%	Classification	Tune
Product/ingredient name				Туре
2-(2-butoxyethoxy)ethanol	REACH #: 01-2119475104-44 EC: 203-961-6 CAS: 112-34-5 Index: 603-096-00-8	≤3	Eye Irrit. 2, H319	[1] [2]
3-iodo-2-propynyl-butyl carbamate	EC: 259-627-5 CAS: 55406-53-6 Index: 616-212-00-7	≤0.2	Acute Tox. 4, H302 Acute Tox. 3, H331 Eye Dam. 1, H318 Skin Sens. 1, H317 STOT RE 1, H372 (larynx) Aquatic Acute 1, H400 (M=10) Aquatic Chronic 1, H410 (M=1)	[1]
1,2,4-trimethylbenzene	EC: 202-436-9 CAS: 95-63-6 Index: 601-043-00-3	≤0.1	Flam. Liq. 3, H226 Acute Tox. 4, H332 Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335 Aquatic Chronic 2, H411	[1] [2]
Ammonia	REACH #: 01-2119488876-14 EC: 215-647-6 CAS: 1336-21-6 Index: 007-001-01-2	<0.1	Skin Corr. 1B, H314 Eye Dam. 1, H318 STOT SE 3, H335 Aquatic Acute 1, H400 (M=1)	[1] [2]
4,5-dichloro-2-octyl-2H-isothiazol- 3-one	EC: 264-843-8 CAS: 64359-81-5 Index: 613-335-00-8	≤0.022	Àcuté Tox. 4, H302 Acute Tox. 2, H330 Skin Corr. 1, H314 Eye Dam. 1, H318 Skin Sens. 1A, H317 Aquatic Acute 1, H400 (M=100) Aquatic Chronic 1, H410 (M=100) EUH071	[1]
Xylene	REACH #: 01-2119488216-32 EC: 215-535-7 CAS: 1330-20-7 Index: 601-022-00-9	≤0.1	Flam. Liq. 3, H226 Acute Tox. 4, H312 Acute Tox. 4, H332 Skin Irrit. 2, H315 Eye Irrit. 2, H319	[1] [2]
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SECTION 3: Composit			STOT SE 3, H335 STOT RE 2, H373	
			(oral, inhalation) Asp. Tox. 1, H304	
Kaolin	EC: 310-194-1 CAS: 1332-58-7	≤0.1	Not classified.	[2]
mesitylene	EC: 203-604-4 CAS: 108-67-8 Index: 601-025-00-5	≤0.1	Flam. Liq. 3, H226 STOT SE 3, H335 Aquatic Chronic 2, H411	[1] [2
1,2,3-trimethylbenzene	EC: 208-394-8 CAS: 526-73-8	≤0.1	Flam. Liq. 3, H226	[2]
2-ethylhexan-1-ol	REACH #: 01-2119487289-20 EC: 203-234-3 CAS: 104-76-7	≤0.1	Acute Tox. 4, H332 Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335	[1] [2
cumene	EC: 202-704-5 CAS: 98-82-8 Index: 601-024-00-X	≤0.1	Flam. Liq. 3, H226 STOT SE 3, H335 Asp. Tox. 1, H304 Aquatic Chronic 2, H411	[1] [2
2-methyl-2H-isothiazol-3-one	EC: 220-239-6 CAS: 2682-20-4	<0.01	Acute Tox. 3, H301 Acute Tox. 3, H311 Acute Tox. 2, H330 Skin Corr. 1B, H314 Eye Dam. 1, H318 Skin Sens. 1A, H317 Aquatic Acute 1, H400 (M=10) Aquatic Chronic 1, H410 (M=1) EUH071	[1]
			See Section 16 for the full text of the H statements declared above.	

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment, are PBTs, vPvBs or Substances of equivalent concern, or have been assigned a workplace exposure limit and hence require reporting in this section.

Туре

[1] Substance classified with a health or environmental hazard

[2] Substance with a workplace exposure limit

Occupational exposure limits, if available, are listed in Section 8.

# SECTION 4: First aid measures

4.1 Description of first aid m	easures
Eye contact	: Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention if irritation occurs.
Inhalation	: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if adverse health effects persist or are severe. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
Skin contact	: Wash with plenty of soap and water. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 10 minutes. Get medical attention. In the event of any complaints or symptoms, avoid further exposure. Wash clothing before reuse. Clean shoes thoroughly before reuse.

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# SECTION 4: First aid measures

Ingestion	: Wash out mouth with water. Remove dentures if any. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if adverse health effects persist or are severe. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
Protection of first-aiders	: No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.

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

Over-exposure signs/	<u>symptoms</u>
Eye contact	: No specific data.
Inhalation	: No specific data.
Skin contact	: Adverse symptoms may include the following: irritation redness
Ingestion	: No specific data.

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

Notes to physician	<ul> <li>Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.</li> </ul>
Specific treatments	: No specific treatment.

# SECTION 5: Firefighting measures

5.1 Extinguishing media		
Suitable extinguishing media	:	Use an extinguishing agent suitable for the surrounding fire.
Unsuitable extinguishing media	:	None known.
5.2 Special hazards arising f	rom	the substance or mixture
Hazards from the substance or mixture	:	In a fire or if heated, a pressure increase will occur and the container may burst. This material is harmful to aquatic life with long lasting effects. Fire water contaminated with this material must be contained and prevented from being discharged to any waterway, sewer or drain.
Hazardous combustion products	:	Decomposition products may include the following materials: carbon dioxide carbon monoxide
5.3 Advice for firefighters		
Special protective actions for fire-fighters	-	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
Special protective equipment for fire-fighters	:	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to British standard BS EN 469 will provide a basic level of protection for chemical incidents.

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# **SECTION 6: Accidental release measures**

OLOTION 0. Accident	la	Telease measures
6.1 Personal precautions, pro	ote	ctive equipment and emergency procedures
For non-emergency personnel	:	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Avoid breathing vapour or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.
For emergency responders	:	If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
6.2 Environmental precautions	:	Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). Water polluting material. May be harmful to the environment if released in large quantities.
6.3 Methods and material for	со	ntainment and cleaning up
Small spill	:	Stop leak if without risk. Move containers from spill area. Absorb with an inert material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
Large spill	:	Stop leak if without risk. Move containers from spill area. Approach the release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilt product. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations.
6.4 Reference to other sections	:	See Section 1 for emergency contact information. See Section 8 for information on appropriate personal protective equipment. See Section 13 for additional waste treatment information.

# **SECTION 7: Handling and storage**

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

#### 7.1 Precautions for safe handling

Protective measures	: Put on appropriate personal protective equipment (see Section 8). Persons with a history of skin sensitization problems should not be employed in any process in which this product is used. Do not get in eyes or on skin or clothing. Do not ingest. Avoid breathing vapour or mist. Avoid release to the environment. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.
Advice on general occupational hygiene	: Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

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

Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

#### 7.3 Specific end use(s)

**Recommendations** 

: Not available.

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# **SECTION 7: Handling and storage**

Industrial sector specific : Not available. solutions

# **SECTION 8: Exposure controls/personal protection**

#### 8.1 Control parameters

Occupational exposure limits	
2-(2-butoxyethoxy)ethanol	EH40/2005 WELs (United Kingdom (UK), 1/2020)
	TWA 8 hours: 10 ppm.
	TWA 8 hours: 67.5 mg/m³.
	STEL 15 minutes: 15 ppm.
	STEL 15 minutes: 101.2 mg/m³.
1,2,4-trimethylbenzene	EH40/2005 WELs (United Kingdom (UK), 1/2020)
	[trimethylbenzenes, all isomers or mixtures]
	TWA 8 hours: 25 ppm.
	TWA 8 hours: 125 mg/m <sup>3</sup> .
Ammonia	EH40/2005 WELs (United Kingdom (UK), 1/2020) [ammonia]
	STEL 15 minutes: 25 mg/m <sup>3</sup> . Form: anhydrous.
	STEL 15 minutes: 35 ppm. Form: anhydrous.
	TWA 8 hours: 25 ppm. Form: anhydrous.
	TWA 8 hours: 18 mg/m <sup>3</sup> . Form: anhydrous.
Xylene	EH40/2005 WELs (United Kingdom (UK), 1/2020) [xylene, o-,m-,
	p- or mixed isomers] Absorbed through skin.
	STEL 15 minutes: 441 mg/m³.
	TWA 8 hours: 50 ppm.
	TWA 8 hours: 220 mg/m <sup>3</sup> .
	STEL 15 minutes: 100 ppm.
Kaolin	EH40/2005 WELs (United Kingdom (UK), 1/2020)
	TWA 8 hours: 2 mg/m <sup>3</sup> . Form: respirable dust.
mesitylene	EH40/2005 WELs (United Kingdom (UK), 1/2020)
	[trimethylbenzenes, all isomers or mixtures]
	TWA 8 hours: 25 ppm.
	TWA 8 hours: 125 mg/m³.
1,2,3-trimethylbenzene	EH40/2005 WELs (United Kingdom (UK), 1/2020)
	[trimethylbenzenes, all isomers or mixtures]
	TWA 8 hours: 25 ppm.
	TWA 8 hours: 125 mg/m <sup>3</sup> .
2-ethylhexan-1-ol	EH40/2005 WELs (United Kingdom (UK), 1/2020)
	TWA 8 hours: 5.4 mg/m <sup>3</sup> .
	TWA 8 hours: 1 ppm.
cumene	EH40/2005 WELs (United Kingdom (UK), 1/2020) Absorbed
	through skin.
	STEL 15 minutes: 250 mg/m <sup>3</sup> .
	STEL 15 minutes: 50 ppm.
	TWA 8 hours: 25 ppm. TWA 8 hours: 125 mg/m³.

#### **Biological exposure indices**

Product/ingredien	t name		Exposure indic	ces	
₩ylene		m-, p- or mixed is	nol creatinine, methyl		
Recommended monitoring procedures	Standard BS exposure by in measurement Guide for the chemical and atmospheres measurement	ould be made to moni EN 689 (Workplace a nhalation to chemical strategy) British Star application and use o biological agents) Br - General requiremen t of chemical agents) he determination of ha	tmospheres - Guidance agents for comparison ndard BS EN 14042 (N f procedures for the as itish Standard BS EN ts for the performance Reference to national	ce for the assess n with limit values Workplace atmos ssessment of exp 482 (Workplace e of procedures f guidance docun	ment of s and spheres - posure to for the nents for
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# .

NELs/DMELs	
Product/ingredient name	Result
2-(2-butoxyethoxy)ethanol	<b>DNEL - General population - Long term - Oral</b> 6.25 mg/kg bw/day <u>Effects</u> : Systemic
	<b>DNEL - Workers - Long term - Inhalation</b> 67.5 mg/m³ <u>Effects</u> : Local
	<b>DNEL - Workers - Short term - Inhalation</b> 101.2 mg/m³ <u>Effects</u> : Local
3-iodo-2-propynyl-butyl carbamate	<b>DNEL - Workers - Long term - Inhalation</b> 0.023 mg/m <sup>3</sup> <u>Effects</u> : Systemic
	<b>DNEL - Workers - Short term - Inhalation</b> 0.07 mg/m <sup>3</sup> <u>Effects</u> : Systemic
	DNEL - Workers - Short term - Inhalation 1.16 mg/m <sup>3</sup> <u>Effects</u> : Local
	<b>DNEL - Workers - Long term - Inhalation</b> 1.16 mg/m <sup>3</sup> <u>Effects</u> : Local
	<b>DNEL - Workers - Long term - Dermal</b> 2 mg/kg bw/day <u>Effects</u> : Systemic
1,2,4-trimethylbenzene	<b>DNEL - General population - Long term - Oral</b> 15 mg/kg bw/day <u>Effects</u> : Systemic
	<b>DNEL - General population - Short term - Inhalatic</b> 29.4 mg/m <sup>3</sup> <u>Effects</u> : Local
	<b>DNEL - General population - Short term - Inhalatio</b> 29.4 mg/m <sup>3</sup> <u>Effects</u> : Systemic
	<b>DNEL - Workers - Short term - Inhalation</b> 100 mg/m³ <u>Effects</u> : Local
	<b>DNEL - Workers - Short term - Inhalation</b> 100 mg/m³ <u>Effects</u> : Systemic
	<b>DNEL - Workers - Long term - Dermal</b> 16171 mg/kg bw/day <u>Effects</u> : Systemic

DNEL - General population - Long term - Inhalation 29.4 mg/m<sup>3</sup> Effects: Local

DNEL - General population - Long term - Inhalation 29.4 mg/m<sup>3</sup> Effects: Systemic

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**DNEL - Workers - Long term - Inhalation** 100 mg/m<sup>3</sup> <u>Effects</u>: Local

**DNEL - Workers - Long term - Inhalation** 100 mg/m<sup>3</sup> <u>Effects</u>: Systemic

**DNEL - General population - Long term - Dermal** 9512 mg/kg bw/day <u>Effects</u>: Systemic

**DNEL - General population - Long term - Oral** 5 mg/kg bw/day <u>Effects</u>: Systemic

**DNEL - General population - Long term - Inhalation** 65.3 mg/m<sup>3</sup> <u>Effects</u>: Local

**DNEL - General population - Long term - Inhalation** 65.3 mg/m<sup>3</sup> <u>Effects</u>: Systemic

**DNEL - General population - Long term - Dermal** 125 mg/kg bw/day <u>Effects</u>: Systemic

**DNEL - Workers - Long term - Dermal** 212 mg/kg bw/day <u>Effects</u>: Systemic

DNEL - Workers - Long term - Inhalation 221 mg/m<sup>3</sup> Effects: Local

**DNEL - Workers - Long term - Inhalation** 221 mg/m<sup>3</sup> <u>Effects</u>: Systemic

**DNEL - General population - Short term - Inhalation** 260 mg/m<sup>3</sup> Effects: Local

**DNEL - General population - Short term - Inhalation** 260 mg/m<sup>3</sup> <u>Effects</u>: Systemic

**DNEL - Workers - Short term - Inhalation** 442 mg/m<sup>3</sup> <u>Effects</u>: Local

**DNEL - Workers - Short term - Inhalation** 442 mg/m<sup>3</sup> <u>Effects</u>: Systemic

**DNEL - General population - Long term - Oral** 15 mg/kg bw/day <u>Effects</u>: Systemic

DNEL - General population - Short term - Inhalation 29.4 mg/m<sup>3</sup> <u>Effects</u>: Local

**DNEL - General population - Short term - Inhalation** 

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mesitylene

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**Xylene** 

29.4 mg/m<sup>3</sup> Effects: Systemic

**DNEL - Workers - Short term - Inhalation** 100 mg/m<sup>3</sup> Effects: Local

**DNEL - Workers - Short term - Inhalation** 100 mg/m<sup>3</sup> <u>Effects</u>: Systemic

**DNEL - Workers - Long term - Dermal** 16171 mg/kg bw/day <u>Effects</u>: Systemic

DNEL - General population - Long term - Inhalation 29.4 mg/m<sup>3</sup> Effects: Local

**DNEL - General population - Long term - Inhalation** 29.4 mg/m<sup>3</sup> Effects: Systemic

**DNEL - Workers - Long term - Inhalation** 100 mg/m<sup>3</sup> <u>Effects</u>: Local

**DNEL - Workers - Long term - Inhalation** 100 mg/m<sup>3</sup> <u>Effects</u>: Systemic

**DNEL - General population - Long term - Dermal** 9512 mg/kg bw/day <u>Effects</u>: Systemic

**DNEL - General population - Long term - Oral** 1.1 mg/kg bw/day <u>Effects</u>: Systemic

**DNEL - General population - Long term - Inhalation** 2.3 mg/m<sup>3</sup> <u>Effects</u>: Systemic

**DNEL - General population - Long term - Dermal** 11.4 mg/kg bw/day <u>Effects</u>: Systemic

**DNEL - Workers - Long term - Inhalation** 12.8 mg/m<sup>3</sup> <u>Effects</u>: Systemic

**DNEL - Workers - Long term - Dermal** 23 mg/kg bw/day <u>Effects</u>: Systemic

DNEL - General population - Short term - Inhalation 26.6 mg/m<sup>3</sup> Effects: Local

DNEL - General population - Long term - Inhalation 26.6 mg/m<sup>3</sup> Effects: Local

DNEL - Workers - Short term - Inhalation 53.2 mg/m<sup>3</sup> Effects: Local

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2-ethylhexan-1-ol

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	<b>DNEL - Workers - Long term - Inhalation</b> 53.2 mg/m³ <u>Effects</u> : Local
cumene	<b>DNEL - General population - Long term - Dermal</b> 1.2 mg/kg bw/day <u>Effects</u> : Systemic
	<b>DNEL - Workers - Long term - Dermal</b> 15.4 mg/kg bw/day <u>Effects</u> : Systemic
	DNEL - Workers - Long term - Inhalation 100 mg/m <sup>3</sup> <u>Effects</u> : Systemic
	<b>DNEL - Workers - Short term - Inhalation</b> 250 mg/m³ <u>Effects</u> : Local
	<b>DNEL - General population - Long term - Oral</b> 5 mg/kg bw/day <u>Effects</u> : Systemic
	<b>DNEL - General population - Long term - Inhalation</b> 16.6 mg/m <sup>3</sup> <u>Effects</u> : Systemic
2-methyl-2H-isothiazol-3-one	DNEL - General population - Long term - Inhalation 0.021 mg/m <sup>3</sup> <u>Effects</u> : Local
	<b>DNEL - Workers - Long term - Inhalation</b> 0.021 mg/m³ <u>Effects</u> : Local
	<b>DNEL - General population - Long term - Oral</b> 0.027 mg/kg bw/day <u>Effects</u> : Systemic
	DNEL - General population - Short term - Inhalation 0.043 mg/m³ <u>Effects</u> : Local
	<b>DNEL - Workers - Short term - Inhalation</b> 0.043 mg/m³ <u>Effects</u> : Local
	<b>DNEL - General population - Short term - Oral</b> 0.053 mg/kg bw/day <u>Effects</u> : Systemic
PNECs	

DNE

Not available.

#### 8.2 Exposure controls

Appropriate engineering controls

: Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

Individual protection measures

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Hygiene measures	: Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.
Eye/face protection	: Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields.
Skin protection	
Hand protection	: Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.
	Recommendations : Wear suitable gloves tested to EN374.
	> 8 hours (breakthrough time): Nitrile gloves. thickness > 0.3 mm
	Not recommended polyvinyl alcohol (PVA) gloves
Body protection	<ul> <li>Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.</li> </ul>
Other skin protection	<ul> <li>Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.</li> </ul>
Respiratory protection	: Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.
	Filter type (spray application): A P
Environmental exposure controls	: Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

# **SECTION 9: Physical and chemical properties**

The conditions of measurement of all properties are at standard temperature and pressure unless otherwise indicated.

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

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Appearance						
Physical state	: Liquid.					
Colour	: Various	6				
Odour	: Slight					
Odour threshold	: Not ava	ailable.				
Melting point/freezing point	: Not ava	ailable.				
Initial boiling point and boiling range	:					
Ingredient name		°C	°F	Method		
water		100	212			
2-(2-butoxyethoxy)ethanol		225 to 227.6	437 to 441.7			
Flammability (solid, gas)	: Not ava	ailable.	·			
Upper/lower flammability or explosive limits			oxyethoxy)ethanol) oxyethoxy)ethanol)			
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# **SECTION 9: Physical and chemical properties**

Flash point	: C	losed cup: >100°	C (>212°F)		
Auto-ignition temperature	:				
Ingredient name		°C	°F	Method	
2-(2-butoxyethoxy)ethanol		210	410	DIN 51794	
Decomposition temperature	: N	ot available.		I	
pH	: 8	to 9 [Conc. (% w	/w): 100%]		
Viscosity	K		nperature): Not ava emperature): Not av Not available.		
Solubility(ies) Not available.	:				
Solubility in water	: N	ot available.			
Partition coefficient: n-octanol/	: N	ot applicable.			

#### Vapour pressure

water

/apour pressure	÷					
	Va	apour Pres	sure at 20°C	Va	apour pres	ssure at 50°C
Ingredient name	mm Hg	kPa	Method	mm Hg	kPa	Method
water	17.5	2.3				
2-(2-butoxyethoxy)ethanol	0.022	0.0029				

Relative density	: Not available.
Density	: 1 g/cm <sup>3</sup>
Vapour density	: Not available.
Explosive properties	: Not available.
Oxidising properties	: Not available.
Particle characteristics	
Median particle size	: Not applicable.

#### 9.2 Other information

Not available.

# **SECTION 10: Stability and reactivity**

10.1 Reactivity	: No specific test data related to reactivity available for this product or its ingredients.	
10.2 Chemical stability	: The product is stable.	
10.3 Possibility of hazardous reactions	: Under normal conditions of storage and use, hazardous reactions will not occur.	
10.4 Conditions to avoid	: No specific data.	
10.5 Incompatible materials	: No specific data.	
10.6 Hazardous decomposition products	: Under normal conditions of storage and use, hazardous decomposition products should not be produced.	

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<b>SECTION 11: Toxicological information</b>
--

1.1 Information on toxicological effects <u>Acute toxicity</u>	
Product/ingredient name 2-(2-butoxyethoxy)ethanol	Result Rabbit - Dermal - LD50 2700 mg/kg
	<b>Rat - Oral - LD50</b> 4500 mg/kg <u>Toxic effects</u> : Behavioral - Tetany Lung, Thorax, or Respiration - Dyspnea Liver - Other changes
3-iodo-2-propynyl-butyl carbamate	<b>Rat - Oral - LD50</b> 400 mg/kg
	<b>Rat - Dermal - LD50</b> >2000 mg/kg
	Rat - Inhalation - LC50 Dusts and mists 0.763 mg/l [4 hours]
	<b>Rat - Inhalation - LC50 Dusts and mists</b> 0.67 g/m <sup>3</sup> [4 hours]
1,2,4-trimethylbenzene	<b>Rat - Oral - LD50</b> 5 g/kg
	Rat - Inhalation - LC50 Vapour 18000 mg/m³ [4 hours]
Ammonia	<b>Rat - Oral - LD50</b> 350 mg/kg <u>Toxic effects</u> : Gastrointestinal - Other changes Liver - Other changes Kidney, Ureter, and Bladder - Other changes
4,5-dichloro-2-octyl-2H-isothiazol-3-one	<b>Rat - Oral - LD50</b> 1585 mg/kg OECD [Acute Oral Toxicity]
	<b>Rabbit - Dermal - LD50</b> >652 mg/kg OECD [Acute Dermal Toxicity]
	<b>Rat - Male, Female - Inhalation - LC50 Dusts and mists</b> 0.26 mg/l [4 hours] OECD [Acute Inhalation Toxicity]
Xylene	<b>Rat - Oral - LD50</b> 4300 mg/kg <u>Toxic effects</u> : Liver - Other changes Kidney, Ureter, and Bladder - Other changes
	<b>Rat - Inhalation - LC50 Vapour</b> 21.7 mg/l [4 hours]
mesitylene	<b>Rat - Oral - LD50</b> 5000 mg/kg
	<b>Rat - Inhalation - LC50 Vapour</b> 24000 mg/m³ [4 hours]
2-ethylhexan-1-ol	<b>Rat - Oral - LD50</b> 3730 mg/kg <u>Toxic effects</u> : Brain and Coverings - Recordings from specific areas of CNS Behavioral - Somnolence (general depressed activity) Lung, Thorax, or Respiration - Dyspnea

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Rabbit - Dermal - LD50 1970 mg/kg

**Rat - Oral - LD50** 1400 mg/kg <u>Toxic effects</u>: Gastrointestinal - Gastritis

Rat - Inhalation - LC50 Vapour 39000 mg/m<sup>3</sup> [4 hours]

2-methyl-2H-isothiazol-3-one

Rat - Inhalation - LC50 Dusts and mists 0.11 mg/l [4 hours]

**Conclusion/Summary [Product]** : Not available.

#### Acute toxicity estimates

Product/ingredient name	Oral (mg/ kg)	Dermal (mg/kg)	Inhalation (gases) (ppm)	Inhalation (vapours) (mg/l)	Inhalation (dusts and mists) (mg/l)
SASOL - BASE T	N/A	N/A	N/A	N/A	335.9
2-(2-butoxyethoxy)ethanol	4500	2700	N/A	N/A	N/A
3-iodo-2-propynyl-butyl carbamate	400	N/A	N/A	N/A	0.67
1,2,4-trimethylbenzene	5000	N/A	N/A	18	N/A
4,5-dichloro-2-octyl-2H-isothiazol-3-one	567	N/A	N/A	N/A	0.16
Xylene	4300	1100	N/A	11	N/A
mesitylene	5000	N/A	N/A	24	N/A
2-ethylhexan-1-ol	3730	N/A	N/A	11	N/A
cumene	N/A	N/A	N/A	39	N/A
2-methyl-2H-isothiazol-3-one	100	300	N/A	N/A	0.11

#### **Skin corrosion/irritation**

Product/ingredient name Xylene			<b>d irritant</b> <u>ment/exposure</u> : 8 l <u>rration applied</u> : 60 u		
		Duration of treat	<b>Moderate irritant</b> <u>ment/exposure</u> : 24 <u>ration applied</u> : 500		
			Moderate irritant tration applied: 100	0 %	
mesitylene		Duration of treat	Moderate irritant ment/exposure: 24 ration applied: 20 r		
2-ethylhexan-1-ol		Rabbit - Skin - Amount/concent	Mild irritant ration applied: 415	mg	
		Duration of treat	<b>Moderate irritant</b> ment/exposure: 24 <u>ration applied</u> : 500		
		Rabbit - Skin - S Amount/concent	Severe irritant ration applied: 0.5	MI	
cumene			<b>Mild irritant</b> <u>ment/exposure</u> : 24 <u>rration applied</u> : 10 ι		
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cumene

Rabbit - Skin - Moderate irritant Duration of treatment/exposure: 24 hours Amount/concentration applied: 100 mg

		Amount/concentration applied: 100 mg
Conclusion/Summary [Product]	: Not available	
Serious eye damage/eye irritation Product/ingredient name 2-(2-butoxyethoxy)ethanol		Result Rabbit - Eyes - Moderate irritant Duration of treatment/exposure: 24 hours Amount/concentration applied: 20 mg
		Rabbit - Eyes - Severe irritant Amount/concentration applied: 20 mg
3-iodo-2-propynyl-butyl carbamate		Rabbit - Eyes - Severe irritant
Ammonia		Rabbit - Eyes - Severe irritant Amount/concentration applied: 250 ug
		Rabbit - Eyes - Severe irritant Amount/concentration applied: 44 ug
		Rabbit - Eyes - Severe irritant <u>Duration of treatment/exposure</u> : 0.5 minutes <u>Amount/concentration applied</u> : 1 mg
Xylene		Rabbit - Eyes - Mild irritant Amount/concentration applied: 87 mg
		Rabbit - Eyes - Severe irritant <u>Duration of treatment/exposure</u> : 24 hours <u>Amount/concentration applied</u> : 5 mg
mesitylene		Rabbit - Eyes - Mild irritant <u>Duration of treatment/exposure</u> : 24 hours <u>Amount/concentration applied</u> : 500 mg
2-ethylhexan-1-ol		Rabbit - Eyes - Moderate irritant <u>Duration of treatment/exposure</u> : 24 hours <u>Amount/concentration applied</u> : 20 mg
		Rabbit - Eyes - Moderate irritant Amount/concentration applied: 20 ug
		Rabbit - Eyes - Severe irritant Amount/concentration applied: 20 mg
cumene		Rabbit - Eyes - Mild irritant Duration of treatment/exposure: 24 hours Amount/concentration applied: 500 mg
		Rabbit - Eyes - Mild irritant Amount/concentration applied: 86 mg
Conclusion/Summary [Product]	• Not available	

Conclusion/Summary [Product] : Not available.

#### **Respiratory corrosion/irritation**

Not available.

**Conclusion/Summary [Product]** : Not available.

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## **SECTION 11: Toxicological information**

# Respiratory or skin sensitization Product/ingredient name -iodo-2-propynyl-butyl carbamate

Conclusion/Summary [Product] : Not available.

Respiratory Conclusion/Summary [Product] : Not available.

Germ cell mutagenicity Product/ingredient name Product/ingredient name

Result

Result

Guinea pig - skin Result: Not sensitizing

In vitro - Bacteria Result: Negative

**Conclusion/Summary [Product]** : Not available.

Carcinogenicity

Not available.

**Conclusion/Summary [Product]** : Not available.

Reproductive toxicity Product/ingredient name Griodo-2-propynyl-butyl carbamate

#### Result

Rabbit - Female - Oral 50 mg/kg [7 days per week] [13 days] <u>Maternal toxicity</u>: Positive <u>Developmental</u>: Negative

Rabbit - Female - Oral 20 mg/kg [7 days per week] [13 days] <u>Maternal toxicity</u>: Negative <u>Developmental</u>: Negative

Conclusion/Summary [Product] : Not available.

#### Specific target organ toxicity (single exposure)

Product/ingredient nameResult7,2,4-trimethylbenzeneSTOT SE 3, H335 (Respiratory tract irritation)AmmoniaSTOT SE 3, H335 (Respiratory tract irritation)XyleneSTOT SE 3, H335 (Respiratory tract irritation)mesityleneSTOT SE 3, H335 (Respiratory tract irritation)2-ethylhexan-1-olSTOT SE 3, H335 (Respiratory tract irritation)cumeneSTOT SE 3, H335 (Respiratory tract irritation)

Specific target organ toxicity (repeated exposure)	
Product/ingredient name	Result
riodo-2-propynyl-butyl carbamate Xylene	STOT RE 1, H372 (larynx) STOT RE 2, H373 (oral, inhalation)

# Aspiration hazard

Product/ingredient name

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SECTION 11: Toxicol	
Xylene cumene	ASPIRATION HAZARD - Category 1 ASPIRATION HAZARD - Category 1
Information on likely routes	0.1
Not available.	
Potential acute health effect	<u>Is</u>
Eye contact	No known significant effects or critical hazards.
Inhalation	: No known significant effects or critical hazards.
Skin contact	: May cause an allergic skin reaction.
Ingestion	: No known significant effects or critical hazards.
Symptoms related to the ph	ysical, chemical and toxicological characteristics
Eye contact	: No specific data.
Inhalation	: No specific data.
Skin contact	: Adverse symptoms may include the following: irritation redness
Ingestion	: No specific data.
Delayed and immediate effe	cts as well as chronic effects from short and long-term exposure
Short term exposure	
Potential immediate effects	: Not available.
Potential delayed effects	: Not available.
Long term exposure	
Potential immediate effects	: Not available.
Potential delayed effects	: Not available.
Potential chronic health effe	<u>ects</u>
Not available.	
Conclusion/Summary [Pro	oduct] : Not available.
General	: Once sensitized, a severe allergic reaction may occur when subsequently exposed to very low levels.
Carcinogenicity	: No known significant effects or critical hazards.
Mutagenicity	: No known significant effects or critical hazards.
Reproductive toxicity	: No known significant effects or critical hazards.
Other information	
Not available.	
SECTION 12: Ecolog	ical information
12.1 Toxicity	
Product/ingredient name	Result

Product/ingredient name 2-(2-butoxyethoxy)ethanol		<mark>Result</mark> Acute - LC50 - Fish - Bluegill - <u>Size</u> : 33 to 75 r 1300000 μg/l [9 <u>Effect</u> : Mortality	<i>Lepomis macrochirus</i> nm 96 hours]	5
3-iodo-2-propynyl-butyl carbama	ite	<b>Acute - LC50 -</b> EU Fish - Trout - <i>O</i> 0.067 mg/l [96   <b>Acute - NOEC</b> EU	ncorhynchus mykiss hours]	
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SECTION 12: Ecological informa	ation
_	Fish - Trout - <i>Oncorhynchus mykiss</i> 0.049 mg/l [96 hours]
	<b>Acute - EC50 - Fresh water</b> EU Daphnia - Daphnia <i>- Daphnia magna</i>
	0.16 mg/l [48 hours] Chronic - NOEC - Fresh water
	EU Daphnia - Daphnia - <i>Daphnia Magna</i> 0.05 mg/l [21 days]
	<b>Acute - EC50 - Fresh water</b> EU Algae - Algae - <i>Scenedemus subspicatus</i> 0.022 mg/l [72 hours]
1,2,4-trimethylbenzene	<b>Acute - LC50 - Marine water</b> Crustaceans - Scud - <i>Elasmopus pectenicrus</i> - Adult 4910 μg/l [48 hours] <u>Effect</u> : Mortality
	<b>Acute - LC50 - Fresh water</b> Fish - Fathead minnow - <i>Pimephales promelas</i> <u>Age</u> : 34 days 7720 μg/l [96 hours] <u>Effect</u> : Mortality
Ammonia	<b>Acute - LC50 - Fresh water</b> Fish - Western mosquitofish - <i>Gambusia affinis</i> - Adult 37 ppm [96 hours] <u>Effect</u> : Mortality
4,5-dichloro-2-octyl-2H-isothiazol-3-one	<b>Acute - EC50 - Fresh water</b> Algae - Green algae - <i>Pseudokirchneriella subcapitata</i> 0.003 mg/l [72 hours] <u>Effect</u> : Population
	<b>Acute - EC50 - Fresh water</b> Daphnia - Water flea - <i>Daphnia magna</i> 0.001 mg/l [48 hours] <u>Effect</u> : Intoxication
	<b>Acute - LC50 - Fresh water</b> US EPA Fish - Rainbow trout,donaldson trout - <i>Oncorhynchus mykiss</i> <u>Weight</u> : 1.2 g 2.7 ppb [96 hours] <u>Effect</u> : Mortality
	<b>Chronic - NOEC</b> US EPA Fish - Rainbow trout,donaldson trout - <i>Oncorhynchus mykiss</i> 0.56 ppb [97 days] <u>Effect</u> : Growth
	<b>Chronic - NOEC - Marine water</b> OECD Algae - Diatom - <i>Nitzschia pungens</i> 19.789 μg/l [96 hours] <u>Effect</u> : Population
mesitylene	<b>Acute - LC50 - Marine water</b> Crustaceans - Dungeness or edible crab - <i>Cancer magister</i> -

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	Zoea
	<u>Age</u> : 1
	13000 µg/l [48 hours]
	Effect: Mortality
	<b>Acute - LC50 - Fresh water</b> Fish - Goldfish - <i>Carassius auratus</i> <u>Age</u> : 1 to 1.5 years; <u>Size</u> : 13 to 20 cm; <u>Weight</u> : 20 to 80 g 12520 μg/l [96 hours] <u>Effect</u> : Mortality
	<b>Chronic - NOEC - Fresh water</b> Daphnia - Water flea - <i>Daphnia magna</i> <u>Age</u> : ≤24 hours 400 μg/l [21 days] <u>Effect</u> : Reproduction
2-ethylhexan-1-ol	<b>Acute - LC50 - Fresh water</b> Fish - Fathead minnow - <i>Pimephales promelas</i> <u>Age</u> : 34 days; <u>Size</u> : 21.9 mm; <u>Weight</u> : 0.163 g 28200 μg/l [96 hours] <u>Effect</u> : Mortality
cumene	<b>Acute - LC50 - Fresh water</b> Fish - Rainbow trout,donaldson trout - <i>Oncorhynchus mykiss</i> 2700 μg/l [96 hours] <u>Effect</u> : Mortality
	<b>Acute - EC50 - Marine water</b> Crustaceans - Brine shrimp - <i>Artemia sp.</i> - Nauplii <u>Age</u> : 2 to 3 7.4 mg/l [48 hours] <u>Effect</u> : Intoxication
2-methyl-2H-isothiazol-3-one	<b>Acute - EC50 - Fresh water</b> US EPA Daphnia - Water flea - <i>Daphnia magna</i> <u>Age</u> : <24 hours 0.18 ppm [48 hours] <u>Effect</u> : Intoxication
	<b>Acute - LC50 - Fresh water</b> US EPA Fish - Rainbow trout,donaldson trout - <i>Oncorhynchus mykiss</i> <u>Weight</u> : 0.73 g 0.07 ppm [96 hours] Effect: Mortality

#### 12.2 Persistence and degradability

Not available.

Conclusion/Summary [Product] : Not available.

Product/ingredient name	Aquatic half-life	Photolysis	Biodegradability
<pre></pre>	-	-	Not readily

12.3 Bioaccumulative potential

Product/ingredient name	LogPow	BCF	Potential
2-(2-butoxyethoxy)ethanol	1	-	Low
3-iodo-2-propynyl-butyl carbamate	>1	-	Low
1,2,4-trimethylbenzene	3.63	243	Low
Xylene	3.12	8.1 to 25.9	Low
mesitylene	3.42	161	Low
1,2,3-trimethylbenzene	3.66	194.98	Low
2-ethylhexan-1-ol	2.9	25.33	Low
cumene	3.55	35.48	Low

12.4 Mobility in soil	
Soil/water partition coefficient	: Not available.
Mobility	: Not available.

#### 12.5 Results of PBT and vPvB assessment

Product/ingredient name	PBT	Р	В	Т	vPvB	vP	vB
2-(2-butoxyethoxy)ethanol	No	No	No	No	No	No	No
3-iodo-2-propynyl-butyl carbamate	No	No	No	Yes	No	No	No
1,2,4-trimethylbenzene	No	No	No	No	No	No	No
Ammonia	No	No	No	No	No	No	No
4,5-dichloro-2-octyl-2H-	No	No	No	Yes	No	No	No
isothiazol-3-one							
Xylene	No	No	No	Yes	No	No	No
Kaolin	No	No	No	No	No	No	No
mesitylene	No	No	No	No	No	No	No
1,2,3-trimethylbenzene	No	No	No	No	No	No	No
2-ethylhexan-1-ol	No	No	No	No	No	No	No
cumene	No	No	No	No	No	No	No
2-methyl-2H-isothiazol-3-one	No	No	No	No	No	No	No

**12.6 Other adverse effects** : No known significant effects or critical hazards.

# **SECTION 13: Disposal considerations**

#### 13.1 Waste treatment methods

Product	
Methods of disposal	: The generation of waste should be avoided or minimised wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction.
European waste catalogue (EWC)	: 080111*, 200127*
<u>Packaging</u>	
Methods of disposal	: The generation of waste should be avoided or minimised wherever possible. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible.

# SECTION 13: Disposal considerations

**Special precautions** 

: This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.

# **SECTION 14: Transport information**

	ADR/RID	ADN	IMDG	ΙΑΤΑ
14.1 UN number	Not regulated.	Not regulated.	Not regulated.	Not regulated.
14.2 UN proper shipping name	-	-	-	-
14.3 Transport hazard class(es)	-	-	-	-
14.4 Packing group	-	-	-	-
14.5 Environmental hazards	No.	No.	No.	No.

user

14.6 Special precautions for : Transport within user's premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

14.7 Transport in bulk according to IMO instruments

: Not relevant/applicable due to nature of the product.

# SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

#### **UK (GB)/REACH**

Annex XIV - List of substances subject to authorisation

#### **Annex XIV**

None of the components are listed.

#### Substances of very high concern

None of the components are listed.

#### **Ozone depleting substances**

Not listed.

#### **Prior Informed Consent (PIC)**

Not listed.

### **Persistent Organic Pollutants**

Not listed.

#### Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles

Product/ingredient name	%	Designation [Usage]
SASOL - BASE T	≥90	3
2-(2-butoxyethoxy)ethanol	≤3	55 [Consumer paint]

#### **Seveso Directive**

This product is not controlled under the Seveso Directive.

# **SECTION 15: Regulatory information**

#### **EU regulations**

**Industrial emissions** : Not listed (integrated pollution prevention and control) -Air : Not listed **Industrial emissions** (integrated pollution prevention and control) -Water **International regulations** 

Chemical Weapon Convention List Schedules I, II & III Chemicals

Not listed.

**Montreal Protocol** 

Not listed.

#### Stockholm Convention on Persistent Organic Pollutants

Not listed.

#### Rotterdam Convention on Prior Informed Consent (PIC)

Not listed.

#### **UNECE Aarhus Protocol on POPs and Heavy Metals**

Not listed.

15.2 Chemical safety	1	This product contains substances for which Chemical Safety Assessments are still
assessment		required.

# **SECTION 16: Other information**

Indicates information that has changed from previously issued version.

Abbreviations and	: ATE = Acute Toxicity Estimate
acronyms	GB CLP = UK CLP (EC No 1272/2008) on the Classification, Labelling and
-	Packaging of Substances and Mixtures as amended by (EU Exit) Regulations 2019
	No. 720 and amendments
	DMEL = Derived Minimal Effect Level
	DNEL = Derived No Effect Level
	EUH statement = GB CLP-specific Hazard statement
	N/A = Not available
	PBT = Persistent, Bioaccumulative and Toxic
	PNEC = Predicted No Effect Concentration
	RRN = REACH Registration Number
	SGG = Segregation Group
	vPvB = Verv Persistent and Verv Bioaccumulative

#### Procedure used to derive the classification

Classification	Justification	
	Calculation method Calculation method	

#### Full text of abbreviated H statements

H226	Flammable liquid and vapour.					
H301	Toxic if swallowed.					
H302	Harmful if swallowed.					
H304	May be fatal if swallowed and enters airways.					
H311	Toxic in contact with skin.					
H312	Harmful in contact with skin.					
H314	Causes severe skin burns and eye damage.					
H315	Causes skin irritation.					
H317	May cause an allergic skin reaction.					
H318	Causes serious eye damage.					
H319	Causes serious eye irritation.					

SECTION	SECTION 16: Other information		
H330	Fatal if inhaled.		
H331	Toxic if inhaled.		
H332	Harmful if inhaled.		
H335	May cause respiratory irritation.		
H372	Causes damage to organs through prolonged or repeated exposure.		
H373	May cause damage to organs through prolonged or repeated exposure.		
H400	Very toxic to aquatic life.		
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.		
EUH071	Corrosive to the respiratory tract.		

#### Full text of classifications

Acute Tox. 2	ACUTE TOXICITY - Category 2
Acute Tox. 3	ACUTE TOXICITY - Category 3
Acute Tox. 4	ACUTE TOXICITY - Category 4
Aquatic Acute 1	SHORT-TERM (ACUTE) AQUATIC HAZARD - Category 1
Aquatic Chronic 1	LONG-TERM (CHRONIC) AQUATIC HAZARD - Category 1
Aquatic Chronic 2	LONG-TERM (CHRONIC) AQUATIC HAZARD - Category 2
Aquatic Chronic 3	LONG-TERM (CHRONIC) AQUATIC HAZARD - Category 3
Asp. Tox. 1	ASPIRATION HAZARD - Category 1
Eye Dam. 1	SERIOUS EYE DAMAGE/EYE IRRITATION - Category 1
Eye Irrit. 2	SERIOUS EYE DAMAGE/EYE IRRITATION - Category 2
Flam. Liq. 3	FLAMMABLE LIQUIDS - Category 3
Skin Corr. 1	SKIN CORROSION/IRRITATION - Category 1
Skin Corr. 1B	SKIN CORROSION/IRRITATION - Category 1B
Skin Irrit. 2	SKIN CORROSION/IRRITATION - Category 2
Skin Sens. 1	SKIN SENSITISATION - Category 1
Skin Sens. 1A	SKIN SENSITISATION - Category 1A
STOT RE 1	SPECIFIC TARGET ORGAN TOXICITY - REPEATED EXPOSURE - Category 1
STOT RE 2	SPECIFIC TARGET ORGAN TOXICITY - REPEATED EXPOSURE - Category 2
STOT SE 3	SPECIFIC TARGET ORGAN TOXICITY - SINGLE EXPOSURE - Category 3
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Date of previous issue	e : 07/10/2022
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#### Notice to reader

The information in this SDS is based on the present state of our knowledge and on current laws. The product is not to be used for purposes other than those specified under section 1 without first obtaining written handling instructions. It is always the responsibility of the user to take all necessary steps to fulfil the demands set out in the local rules and legislation. The information in this SDS is meant to be a description of the safety requirements for our product. It is not to be considered a guarantee of the product's properties.

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