

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

Supersedes date 14-Oct-2019

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Revision Number 5

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

1.1. Product identifier

Product Code(s) 13627
Safety data sheet number 13627
Product Name XIAMETER MEM-8177 EMULSION

Pure substance/mixture Mixture

Contains DIMETHYL, (AMINOETHYLAMINOPROPY 1) METHYL SILOXANE, TRIMETHYLSILOXY-TERMINATED, ALCOHOLS C11 - C15 SECONDARY ETHOXYLATED, 2-PHENOXYETHANOL

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

Recommended use Cosmetics

1.3. Details of the supplier of the safety data sheet

Supplier

Univar Solutions UK Ltd
Aquarius House
6 Mid Point Business Park
Bradford
GBR

For further information, please contact

E-mail address SDS.EMEA@univarsolutions.com
Non-Emergency Telephone Number +44 1274 267300 / +44 1274 267306

1.4. Emergency telephone number

Emergency Telephone SGS - +32 (0)3 575 55 55 (24h)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Acute toxicity - Inhalation (Dusts/Mists)	Category 3 - (H331)
Serious eye damage/eye irritation	Category 1 - (H318)

2.2. Label elements

Contains DIMETHYL,(AMINOETHYLAMINOPROPY 1)METHYL SILOXANE,TRIMETHYLSILOXY-TERMINATED, ALCOHOLS C11 - C15 SECONDARY ETHOXYLATED, 2-PHENOXYETHANOL

**Signal word**

Danger

Hazard statements

H318 - Causes serious eye damage

H331 - Toxic if inhaled

Precautionary statements

P273 - Avoid release to the environment

P280 - Wear eye protection/ face protection

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

P321 - Specific treatment (see .? on this label)

P391 - Collect spillage

P403 + P233 - Store in a well-ventilated place. Keep container tightly closed

Unknown aquatic toxicity

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

Additional information

This product requires child resistant fastenings if supplied to the general public. This product requires tactile warnings if supplied to the general public.

2.3. Other hazards

No information available.

SECTION 3: Composition/information on ingredients

3.1 Substances

Not applicable

3.2 Mixtures

Chemical name	Weight-%	EC No (EU Index No)	UK REACH registration number	Classification according to GB CLP (SI 2020/1567 as amended)	Specific concentration limit (SCL)	M-Factor	M-Factor (long-term)
DIMETHYL,(AMINOETHYLAMINOPROPY 1)METHYL SILOXANE,TRIMETHYLSILOXY-TERMINATED 71750-79-3	>= 12.0 - <= 13.0 %	-	-	Aquatic Chronic 3 (H412) Eye Irrit. 2 (H319) Acute Tox. 2 (H330)	-	-	-
ALCOHOLS C11 -	<= 6.1 %	-	-	Eye Irrit. 2 (H319)	-	-	-

C15 SECONDARY ETHOXYLATED 68131-40-8				Aquatic Chronic 3 (H412)			
ALCOHOLS C11 - C15 SECONDARY ETHOXYLATED 68131-40-8	<= 5.917 %	-	-	Skin Irrit. 2 (H315) Eye Dam. 1 (H318)	-	-	-
2-PHENOXYETHA NOL 122-99-6	>= 0.8 - <= 1.0 %	204-589-7 (603-098-00-9)	-	Acute Tox. 4 (H302) STOT SE 3 (H335) Eye Dam. 1 (H318)	-	-	-
OCTAMETHYLCYCLOTETRA SILOXAN E 556-67-2	>= 0.71 - <= 0.72 %	209-136-7 (014-018-00-1)	-	Flam. Liq. 3 (H226) Aquatic Chronic 1 (H410) Repr. 2 (H361f)	-	-	10
DECAMETHYLCYCLOPENTASILOXAN E 541-02-6	>= 0.42 - <= 0.43 %	208-764-9	-	-	-	-	-
DODECAMETHYLCYCLOHEXASILOXAN E 540-97-6	>= 0.28 - <= 0.29 %	208-762-8	-	-	-	-	-
C12 - 14 SECONDARY ALCOHOLS 126950-60-5	0.066%	-	-	Aquatic Chronic 1 (H410) Aquatic Acute 1 (H400)	-	10	1
3-iodo-2-propynyl butylcarbamate 55406-53-6	0.01%	259-627-5 (616-212-00-7)	-	Skin Sens. 1 (H317) Aquatic Chronic 1 (H410) Aquatic Acute 1 (H400) STOT RE 1 (H372) Acute Tox. 4 (H302) Eye Dam. 1 (H318) Acute Tox. 3 (H331)	-	10	1

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

Chemical name	CAS No	SVHC candidates
OCTAMETHYLCYCLOTETRA SILOXAN E	556-67-2	X
DECAMETHYLCYCLOPENTASILOXAN E	541-02-6	X
DODECAMETHYLCYCLOHEXASILOXAN E	540-97-6	X

SECTION 4: First aid measures

4.1. Description of first aid measures

General advice

First aid personnel should wear appropriate protective equipment during any rescue. Use personal protection recommended in Section 8.

Inhalation

IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Rinse mouth thoroughly with water. If breathing is irregular or stopped, administer artificial respiration. Avoid direct contact with skin. Use barrier to give mouth-to-mouth resuscitation. Get medical attention immediately if symptoms occur.

Eye contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if symptoms occur. Ensure that eyewash stations and safety showers are close to the workstation location.
Skin contact	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Get medical attention if symptoms occur.
Ingestion	Rinse mouth thoroughly with water. Do NOT induce vomiting. Get medical attention if symptoms occur.

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

Inhalation	Toxic if inhaled.
Eyes	Causes serious eye damage. Causes eye burns.

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

Note to doctors	Treat symptomatically. Skin contact may aggravate preexisting dermatitis.
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SECTION 5: Firefighting measures

5.1. Extinguishing media

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

5.2. Special hazards arising from the substance or mixture

Specific hazards arising from the chemical	When heated and in case of fire, toxic vapours/gases may be formed.
Hazardous combustion products	Carbon oxides. Silicon oxides. Nitrogen oxides (NOx).

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.
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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions	Ensure adequate ventilation. Use personal protection recommended in Section 8. Avoid contact with skin, eyes and inhalation of vapours.
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 Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal. Take up mechanically, placing in appropriate containers for disposal.

Prevention of secondary hazards Clean contaminated objects and areas thoroughly observing environmental regulations.

6.4. Reference to other sections

Reference to other sections See section 8 for more information. See section 13 for more information.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling Ensure adequate ventilation. Use personal protection recommended in Section 8. Avoid contact with skin, eyes and inhalation of vapours. Do not swallow. Keep container closed when not in use. Avoid spilling. Avoid release to the environment. Handle in accordance with good industrial hygiene and safety practice.

General hygiene considerations Handle in accordance with good industrial hygiene and safety practice.

7.2. Conditions for safe storage, including any incompatibilities

Storage Conditions Keep container tightly closed in a dry and well-ventilated place. Keep in properly labelled containers. Store locked up. Do not store together with. Strong oxidising agents. Explosives. Gases.

7.3. Specific end use(s)

Specific use(s)
See section 1 for more information.

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

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure Limits This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Biological occupational exposure limits This product, as supplied, does not contain any hazardous materials with biological limits established by the region specific regulatory bodies.

Derived No Effect Level (DNEL) - Workers

Chemical name	Oral	Dermal	Inhalation
ALCOHOLS C11 - C15 SECONDARY		6 mg/kg bw/day [4] [6]	42.32 mg/m ³ [4] [6]

Chemical name	Oral	Dermal	Inhalation
ETHOXYLATED 68131-40-8			
ALCOHOLS C11 - C15 SECONDARY ETHOXYLATED 68131-40-8		6 mg/kg bw/day [4] [6]	42.32 mg/m ³ [4] [6]
2-PHENOXYETHANOL 122-99-6		20.83 mg/kg bw/day [4] [6]	5.7 mg/m ³ [4] [6] 5.7 mg/m ³ [5] [6]
OCTAMETHYLCYCLOTETRASILOXA NE 556-67-2			73 mg/m ³ [4] [6] 73 mg/m ³ [5] [6]
DECAMETHYLCYCLOPENTASILOXA NE 541-02-6			97.3 mg/m ³ [4] [6] 24.2 mg/m ³ [5] [6]
DODECAMETHYLCYCLOHEXASILO XANE 540-97-6			11 mg/m ³ [4] [6] 1.22 mg/m ³ [5] [6] 6.1 mg/m ³ [5] [7]
3-iodo-2-propynyl butylcarbamate 55406-53-6		2 mg/kg bw/day [4] [6]	0.023 mg/m ³ [4] [6] 0.07 mg/m ³ [4] [7] 1.16 mg/m ³ [5] [6] 1.16 mg/m ³ [5] [7]

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

Derived No Effect Level (DNEL) - General Public

Chemical name	Oral	Dermal	Inhalation
ALCOHOLS C11 - C15 SECONDARY ETHOXYLATED 68131-40-8	3 mg/kg bw/day [4] [6]		21.16 mg/m ³ [4] [6]
ALCOHOLS C11 - C15 SECONDARY ETHOXYLATED 68131-40-8	3 mg/kg bw/day [4] [6]		21.16 mg/m ³ [4] [6]
2-PHENOXYETHANOL 122-99-6	9.23 mg/kg bw/day [4] [6] 9.23 mg/kg bw/day [4] [7]	10.42 mg/kg bw/day [4] [6]	2.41 mg/m ³ [4] [6] 2.41 mg/m ³ [5] [6]
OCTAMETHYLCYCLOTETRASILOXA NE 556-67-2	3.7 mg/kg bw/day [4] [6]		13 mg/m ³ [4] [6] 13 mg/m ³ [5] [6]
DECAMETHYLCYCLOPENTASILOXA NE 541-02-6	5 mg/kg bw/day [4] [6]		17.3 mg/m ³ [4] [6] 4.3 mg/m ³ [5] [6]
DODECAMETHYLCYCLOHEXASILO XANE 540-97-6	1.7 mg/kg bw/day [4] [6] 1.7 mg/kg bw/day [4] [7]		2.7 mg/m ³ [4] [6] 0.3 mg/m ³ [5] [6] 1.5 mg/m ³ [5] [7]

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

Predicted No Effect Concentration (PNEC)

Chemical name	Freshwater	Freshwater (intermittent release)	Marine water	Marine water (intermittent release)	Air
ALCOHOLS C11 - C15 SECONDARY ETHOXYLATED 68131-40-8	20 µg/L	15.3 µg/L	2 µg/L	1.53 µg/L	
ALCOHOLS C11 - C15 SECONDARY ETHOXYLATED 68131-40-8	20 µg/L	15.3 µg/L	2 µg/L	1.53 µg/L	
2-PHENOXYETHANOL 122-99-6	0.943 mg/L	3.44 mg/L	0.0943 mg/L		
OCTAMETHYLCYCLOTE TRASILOXANE 556-67-2	0.0015 mg/l		0.00015 mg/l		
DECAMETHYLCYCLOPE NTASILOXANE 541-02-6	>0.0012 mg/l		>0.00012 mg/l		
DODECAMETHYLCYCLO HEXASILOXANE 540-97-6	13.5 mg/kg		1.35 mg/kg		

Chemical name	Freshwater sediment	Marine sediment	Sewage treatment	Soil	Food chain
ALCOHOLS C11 - C15 SECONDARY ETHOXYLATED 68131-40-8	28.1 mg/kg sediment dw	2.81 mg/kg sediment dw	8.24 mg/L	5.6 mg/kg soil dw	22.2 mg/kg food
ALCOHOLS C11 - C15 SECONDARY ETHOXYLATED 68131-40-8	28.1 mg/kg sediment dw	2.81 mg/kg sediment dw	8.24 mg/L	5.6 mg/kg soil dw	22.2 mg/kg food
2-PHENOXYETHANOL 122-99-6	7.2366 mg/kg sediment dw	0.7237 mg/kg sediment dw	36 mg/L	1.31 mg/kg soil dw	
OCTAMETHYLCYCLOTE TRASILOXANE 556-67-2	3 mg/kg sediment dw	0.3 mg/kg sediment dw	10 mg/L	0.54 mg/kg soil dw	41 mg/kg food
DECAMETHYLCYCLOPE NTASILOXANE 541-02-6	11 mg/kg sediment dw	1.1 mg/kg sediment dw	10 mg/L	2.54 mg/kg soil dw	16 mg/kg food
DODECAMETHYLCYCLO HEXASILOXANE 540-97-6	13 mg/kg sediment dw	1.3 mg/kg sediment dw	1 mg/L	3.77 mg/kg soil dw	66.7 mg/kg food

8.2. Exposure controls

Engineering controls No information available.

Personal protective equipment

Eye/face protection Wear safety glasses with side shields (or goggles). Use eye protection according to EN 166.

Hand protection Wear suitable gloves. Gloves must conform to standard EN 374.

Gloves

Duration of contact	PPE - Glove material	Glove thickness	Break through time
	Wear protective butyl rubber gloves	> 0.35 mm	> 120 minutes
	Rubber (natural, latex)	> 0.35 mm	> 120 minutes
	Wear protective Neoprene™ gloves	> 0.35 mm	> 120 minutes
	Wear protective nitrile rubber gloves	> 0.35 mm	> 120 minutes
	Polyethylene (PE)	> 0.35 mm	> 120 minutes
	Ethyl vinyl alcohol laminate ("EVAL")	> 0.35 mm	> 120 minutes
	Polyvinyl chloride (PVC)	> 0.35 mm	> 120 minutes
	Wear protective Viton™ gloves	> 0.35 mm	> 120 minutes
	Chlorinated polyethylene (CPE)	> 0.35 mm	> 120 minutes
Avoid contact with:	Polyvinyl alcohol (PVA)		

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

Respiratory protection Use appropriate respiratory protection.
Organic gases and vapours filter conforming to EN 14387. Type A.

General hygiene considerations Handle in accordance with good industrial hygiene and safety practice.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	Liquid
Appearance	Liquid
Colour	Colourless To Light Yellow
Odour	Amine.
Odour threshold	No information available

Property	Values	Remarks • Method
Melting point / freezing point		Not determined.
Initial boiling point and boiling range	100 °C	@ 760 mmHg.
Flammability		Not applicable.
Flammability Limit in Air		No information available.
Upper flammability or explosive limits		
Lower flammability or explosive limits		
Flash point	> 100 °C	Closed cup.
Autoignition temperature		No information available.
Decomposition temperature		No information available.
pH	6	
pH (as aqueous solution)		No information available.
Kinematic viscosity	5 cSt	@ 25 °C.
Dynamic viscosity		No information available.
Water solubility		Not determined.
Solubility(ies)		No information available.
Partition coefficient		Not determined.
Vapour pressure		No information available.
Relative density	1	

Bulk density		No information available
Liquid Density	No information available	No information available
Relative vapour density		No information available.
Particle characteristics		Not applicable.
Particle Size	No information available	
Particle Size Distribution	No information available	
Explosive properties	Not considered to be explosive.	
Oxidising properties	Does not meet the criteria for classification as oxidising	

9.2. Other information**SECTION 10: Stability and reactivity****10.1. Reactivity**

Reactivity No known effects under normal use conditions.

10.2. Chemical stability

Stability Stable under normal conditions.

Explosion data

Sensitivity to mechanical impact None.

Sensitivity to static discharge None.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions The following materials may react with the product:. Strong oxidising agents.

10.4. Conditions to avoid

Conditions to avoid Excessive heat.

10.5. Incompatible materials

Incompatible materials Strong oxidising agents.

10.6. Hazardous decomposition products

Hazardous decomposition products Carbon oxides. Silicon oxides. Nitrogen oxides (NOx).

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

Inhalation Toxic if inhaled.

Eye contact Causes serious eye damage. Causes eye burns.

Skin contact Prolonged contact may cause redness and irritation. Dryness and/or cracking.

Ingestion Gastrointestinal discomfort.

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms No information available.

Acute toxicity

Numerical measures of toxicity

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

> 5000 mg/kg > 2000 mg/kg

Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
DIMETHYL,(AMINOETHYLAMINOPROPY 1)METHYL SILOXANE,TRIMETHYLSILOXY-TERMINATED	> 2010 mg/kg (Rat)	> 2000 mg/kg	0.105 mg/l (Rat) 4 h
ALCOHOLS C11 - C15 SECONDARY ETHOXYLATED	= 2909 mg/kg (Rat)	= 4112 mg/kg (Rat)	-
ALCOHOLS C11 - C15 SECONDARY ETHOXYLATED	> 3000 mg/kg (Rat)	> 2000 mg/kg (Rat)	-
2-PHENOXYETHANOL	= 1394 mg/kg (Rat)	> 2214 mg/kg (Rabbit)	1 mg/l (Rat) (6h)
OCTAMETHYLCYCLOTETRAS ILOXANE	> 4800 mg/kg (Rat)	> 2400 mg/kg (Rabbit)	= 36 mg/L (Rat) 4 h
DECAMETHYLCYCLOPENTAS ILOXANE	> 24134 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	= 8.67 mg/L (Rat) 4 h
DODECAMETHYLCYCLOHEX ASILOXANE	> 2000 mg/kg (Rat)	> 2000 mg/kg (Rat)	-
C12 - 14 SECONDARY ALCOHOLS	> 5000 mg/kg (Rat)	> 3320 mg/kg (Rat)	-
3-iodo-2-propynyl BUTYLCARBAMATE	> 300 - < 500 mg/kg (Rat)	> 2000 mg/kg (Rat)	= 0.67 mg/L (Rat) (4h)

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

Skin corrosion/irritation Prolonged contact may cause redness and irritation. Dryness and/or cracking.

DIMETHYL,(AMINOETHYLAMINOPROPY 1)METHYL SILOXANE,TRIMETHYLSILOXY-TERMINATED (71750-79-3)

Method	Species	Exposure route	Effective dose	Exposure time	Results
					Prolonged contact may cause redness and irritation

ALCOHOLS C11 - C15 SECONDARY ETHOXYLATED (68131-40-8)

Method	Species	Exposure route	Effective dose	Exposure time	Results
					Prolonged contact may cause redness and irritation Dryness and/or cracking

ALCOHOLS C11 - C15 SECONDARY ETHOXYLATED (68131-40-8)

Method	Species	Exposure route	Effective dose	Exposure time	Results
					Causes skin irritation Dryness and/or cracking Effects may be slow to heal.

2-PHENOXYETHANOL (122-99-6)

Method	Species	Exposure route	Effective dose	Exposure time	Results
					Non-irritating during normal use

OCTAMETHYLCYCLOTETRAISILOXANE (556-67-2)

Method	Species	Exposure route	Effective dose	Exposure time	Results
					Non-irritating during normal use

DECAMETHYLCYCLOPENTASILOXANE (541-02-6)

Method	Species	Exposure route	Effective dose	Exposure time	Results
					Non-irritating during normal use

DODECAMETHYLCYCLOHEXASILOXANE (540-97-6)

Method	Species	Exposure route	Effective dose	Exposure time	Results
					Non-irritating during normal use

C12 - 14 SECONDARY ALCOHOLS (126950-60-5)

Method	Species	Exposure route	Effective dose	Exposure time	Results
					May cause slight irritation Redness Effects may be slow to heal.

3-iodo-2-propynyl butylcarbamate (55406-53-6)

Method	Species	Exposure route	Effective dose	Exposure time	Results
					Prolonged contact may cause redness and irritation Dryness and/or cracking

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

DIMETHYL,(AMINOETHYLAMINOPROPYL)METHYL SILOXANE,TRIMETHYLSILOXY-TERMINATED (71750-79-3)

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

ALCOHOLS C11 - C15 SECONDARY ETHOXYLATED (68131-40-8)

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

ALCOHOLS C11 - C15 SECONDARY ETHOXYLATED (68131-40-8)

Method	Species	Exposure route	Effective dose	Exposure time	Results
					Causes serious eye damage Causes eye burns

2-PHENOXYETHANOL (122-99-6)

Method	Species	Exposure route	Effective dose	Exposure time	Results
					Causes serious eye damage

OCTAMETHYLCYCLOTETRAILOXANE (556-67-2)

Method	Species	Exposure route	Effective dose	Exposure time	Results
					non-irritant

DECAMETHYLCYCLOPENTASILOXANE (541-02-6)

Method	Species	Exposure route	Effective dose	Exposure time	Results
					non-irritant

DODECAMETHYLCYCLOHEXASILOXANE (540-97-6)

Method	Species	Exposure route	Effective dose	Exposure time	Results
					May cause temporary eye irritation

3-iodo-2-propynyl butylcarbamate (55406-53-6)

Method	Species	Exposure route	Effective dose	Exposure time	Results
					Causes serious eye damage

Respiratory or skin sensitisation No information available.

2-PHENOXYETHANOL (122-99-6)

Method	Species	Exposure route	Results
	Guinea pig	Dermal	Not a skin sensitiser
	Human evidence	Dermal	Not a skin sensitiser

OCTAMETHYLCYCLOTETRAILOXANE (556-67-2)

Method	Species	Exposure route	Results
	Guinea pig	Dermal	Not a skin sensitiser

DECAMETHYLCYCLOPENTASILOXANE (541-02-6)

Method	Species	Exposure route	Results
	Mouse	Dermal	Not a skin sensitiser

DODECAMETHYLCYCLOHEXASILOXANE (540-97-6)

Method	Species	Exposure route	Results
	Guinea pig	Dermal	Not a skin sensitiser

C12 - 14 SECONDARY ALCOHOLS (126950-60-5)

Method	Species	Exposure route	Results
	Guinea pig	Dermal	Not a skin sensitiser

3-iodo-2-propynyl butylcarbamate (55406-53-6)

Method	Species	Exposure route	Results
			May cause allergic skin reaction

Germ cell mutagenicity No information available.

Component Information

ALCOHOLS C11 - C15 SECONDARY ETHOXYLATED (68131-40-8)

Method	Species	Results
	in vitro	Negative

ALCOHOLS C11 - C15 SECONDARY ETHOXYLATED (68131-40-8)

Method	Species	Results
	in vitro	Negative

2-PHENOXYETHANOL (122-99-6)

Method	Species	Results
	in vitro	Negative
		Did not show mutagenic effects in animal experiments

OCTAMETHYLCYCLOTETRASILOXANE (556-67-2)

Method	Species	Results
	in vitro	Negative
		Did not show mutagenic effects in animal experiments

DECAMETHYLCYCLOPENTASILOXANE (541-02-6)

Method	Species	Results
	in vitro	Negative
		Did not show mutagenic effects in animal experiments

DODECAMETHYLCYCLOHEXASILOXANE (540-97-6)

Method	Species	Results
	in vitro	Negative
		Did not show mutagenic effects in animal experiments

C12 - 14 SECONDARY ALCOHOLS (126950-60-5)

Method	Species	Results
	in vitro	Negative
		Did not show mutagenic effects in animal experiments

3-iodo-2-propynyl butylcarbamate (55406-53-6)

Method	Species	Results
	in vitro	Negative
		Did not show mutagenic effects in animal experiments

Carcinogenicity

No information available.

Component Information

OCTAMETHYLCYCLOTETRASILOXANE (556-67-2)

Method	Species	Results
		Results from a 2 year repeated vapour inhalation exposure study to rats of octamethylcyclotetrasiloxane (D4) indicate effects (benign uterine adenomas) in the uterus of female animals. This finding occurred at the highest exposure dose (700 ppm) only. Studies to date have not demonstrated if these effects occur through pathways that are relevant to humans. Repeated exposure in rats to D4 resulted in protoporphyrin accumulation in the liver. Without knowledge of the specific mechanism leading to the

		protoporphyrin accumulation the relevance of this finding to humans is unknown.
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DECAMETHYLCYCLOPENTASILOXANE (541-02-6)

Method	Species	Results
		Results from a 2 year repeated vapour inhalation exposure study to rats of decamethylcycllopentasiloxane (D5) indicate effects (uterine endometrial tumors) in female animals. This finding occurred at the highest exposure dose (160 ppm) only. Studies to date have not demonstrated if this effect occurs through a pathway that is relevant to humans.

3-iodo-2-propynyl butylcarbamate (55406-53-6)

Method	Species	Results
		Did not cause cancer in laboratory animals.

Reproductive toxicity No information available.

The table below indicates ingredients above the cut-off threshold considered as relevant which are listed as reproductive toxins.

Chemical name	United Kingdom
OCTAMETHYLCYCLOTETRASILOXANE	Repr. 2

ALCOHOLS C11 - C15 SECONDARY ETHOXYLATED (68131-40-8)

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

2-PHENOXYETHANOL (122-99-6)

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

OCTAMETHYLCYCLOTETRASILOXANE (556-67-2)

Method	Species	Results
		Suspected of damaging fertility

DECAMETHYLCYCLOPENTASILOXANE (541-02-6)

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

DODECAMETHYLCYCLOHEXASILOXANE (540-97-6)

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

3-iodo-2-propynyl butylcarbamate (55406-53-6)

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

STOT - single exposure

No information available.

ALCOHOLS C11 - C15 SECONDARY ETHOXYLATED (68131-40-8)

Method	Species	Exposure route	Effective dose	Exposure time	Results
					Based on available data, a STOT-RE classification is not warranted.

ALCOHOLS C11 - C15 SECONDARY ETHOXYLATED (68131-40-8)

Method	Species	Exposure route	Effective dose	Exposure time	Results
					Based on available data, a STOT-RE classification is not warranted.

2-PHENOXYETHANOL (122-99-6)

Method	Species	Exposure route	Effective dose	Exposure time	Results
					In animals, effects have been reported on the following organs: Blood Kidney Liver Thyroid respiratory tract

OCTAMETHYLCYCLOTETRAILOXANE (556-67-2)

Method	Species	Exposure route	Effective dose	Exposure time	Results
					In animals, effects have been reported on the following organs: Kidney Liver respiratory tract Female reproductive organs

DECAMETHYLCYCLOPENTASILOXANE (541-02-6)

Method	Species	Exposure route	Effective dose	Exposure time	Results
					Based on available data, a STOT-RE classification is not warranted.

DODECAMETHYLCYCLOHEXASILOXANE (540-97-6)

Method	Species	Exposure route	Effective dose	Exposure time	Results
					Based on available data, a STOT-RE classification is not warranted.

C12 - 14 SECONDARY ALCOHOLS (126950-60-5)

Method	Species	Exposure route	Effective dose	Exposure time	Results
					Based on available

					data, a STOT-RE classification is not warranted.
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3-iodo-2-propynyl butylcarbamate (55406-53-6)

Method	Species	Exposure route	Effective dose	Exposure time	Results
					Causes damage to organs through prolonged or repeated exposure. In animals, effects have been reported on the following organs: Liver larynx

STOT - repeated exposure

No information available.

DIMETHYL,(AMINOETHYLAMINOPROPY 1)METHYL SILOXANE,TRIMETHYLSILOXY-TERMINATED (71750-79-3)

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

ALCOHOLS C11 - C15 SECONDARY ETHOXYLATED (68131-40-8)

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

ALCOHOLS C11 - C15 SECONDARY ETHOXYLATED (68131-40-8)

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

2-PHENOXYETHANOL (122-99-6)

Method	Species	Exposure route	Effective dose	Exposure time	Results
					May cause respiratory irritation

OCTAMETHYLCYCLOTETRA-SILOXANE (556-67-2)

Method	Species	Exposure route	Effective dose	Exposure time	Results
					Not classified Based on available data, specific target organ toxicity is not

					expected after single oral, single inhalation, or single dermal exposure.
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DECAMETHYLCYCLOPENTASILOXANE (541-02-6)

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

DODECAMETHYLCYCLOHEXASILOXANE (540-97-6)

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

3-iodo-2-propynyl butylcarbamate (55406-53-6)

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

Aspiration hazard Not determined.

Other adverse effects No information available.

SECTION 12: Ecological information**12.1. Toxicity**

Ecotoxicity The environmental impact of this product has not been fully investigated.

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

DIMETHYL,(AMINOETHYLAMINOPROPY 1)METHYL SILOXANE,TRIMETHYLSILOXY-TERMINATED (71750-79-3)

Method	Species	Endpoint type	Effective dose	Exposure time	Results
		EC50	> 10 - 100 mg/L	48 hours	

ALCOHOLS C11 - C15 SECONDARY ETHOXYLATED (68131-40-8)

Method	Species	Endpoint type	Effective dose	Exposure time	Results
OECD Test No. 203: Fish, Acute Toxicity Test	Pimephales promelas	LC50	6.9 - 10.9 mg/L	96 hours	
OECD Test No. 202: Daphnia sp., Acute Immobilisation Test	Daphnia magna	LC50	8.7 mg/L	48 hours	
		IC50	> 1000 mg/L	16 hours	

Chronic toxicity	Daphnia magna	NOEC	> 0.1 - 1 mg/L	21 days	
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ALCOHOLS C11 - C15 SECONDARY ETHOXYLATED (68131-40-8)

Method	Species	Endpoint type	Effective dose	Exposure time	Results
OECD Test No. 203: Fish, Acute Toxicity Test	Pimephales promelas	LC50	3.5 - 4.9 mg/L	96 hours	
OECD Test No. 202: Daphnia sp., Acute Immobilisation Test	Daphnia magna	EC50	3.1 mg/L	48 hours	

2-PHENOXYETHANOL (122-99-6)

Method	Species	Endpoint type	Effective dose	Exposure time	Results
	Pimephales promelas	LC50	344 mg/L	96 hours	
	Daphnia magna	EC50	> 500 mg/L	48 hours	
	Desmodesmus subspicatus	ErC50	625 mg/L	72 hours	
	Desmodesmus subspicatus	NOEC	70 mg/L	72 hours	
Chronic toxicity	Pimephales promelas	NOEC	23 mg/L	34 days	
Chronic toxicity	Pimephales promelas	LOEC	50 mg/L	34 days	
Chronic toxicity	Daphnia magna	NOEC	9.43 mg/L	21 days	
Chronic toxicity	Daphnia magna	LOEC	22.5 mg/L	21 days	
	Eisenia fetida	LC50	> 340 mg/L	14 days	

OCTAMETHYLCYCLOTETRASILOXANE (556-67-2)

Method	Species	Endpoint type	Effective dose	Exposure time	Results
	Oncorhynchus mykiss (rainbow trout)	LC50	> 0.022 mg/L	96 hours	
	Cyprinodon variegatus	LC50	> 0.0063 mg/L	14 days	
	Mysidopsis bahia	EC50	> 0.0091 mg/L	96 hours	
	Daphnia magna	EC50	> 0.015 mg/L	48 hours	
	Pseudokirchneriella subcapitata	ErC50	> 0.022 mg/L	96 hours	
	Pseudokirchneriella subcapitata	EC10	>= 0.022 mg/L	96 hours	
Chronic aquatic toxicity	Oncorhynchus mykiss (rainbow trout)	NOEC	>= 0.0044 mg/L	93 days	
Chronic aquatic toxicity	Daphnia magna	NOEC	0.0079 mg/L	21 days	
					Based on testing of comparable products: The estimated maximum aqueous concentration of Octamethyl Cyclotetrasiloxane (D4) from migration to water from the product as supplied is below the D4 established no-effect threshold (< 0.0079

					mg/L) for aquatic organisms.
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DECAMETHYLCYCLOPENTASILOXANE (541-02-6)

Method	Species	Endpoint type	Effective dose	Exposure time	Results
OECD Test No. 204: Fish, Prolonged Toxicity Test: 14-Day Study	Oncorhynchus mykiss (rainbow trout)	LC50	> 16 µg/l	96 hours	
OECD Test No. 202: Daphnia sp., Acute Immobilisation Test	Daphnia magna	EC50	> 2.9 mg/L	48 hours	
	Pseudokirchneriella subcapitata	ErC50	> 0.012 mg/L	96 hours	
	Pseudokirchneriella subcapitata	NOEC	0.012 mg/L	96 hours	
Chronic aquatic toxicity	Oncorhynchus mykiss (rainbow trout)	LC50	> 16 mg/L	14 days	
Chronic aquatic toxicity	Oncorhynchus mykiss (rainbow trout)	NOEC	>= 0.017 mg/L	45 days	
Chronic aquatic toxicity	Oncorhynchus mykiss (rainbow trout)	NOEC	>= 0.014 mg/L	90 days	
Chronic aquatic toxicity	Daphnia magna	NOEC	0.015 mg/L	21 days	
	Eisenia fetida	NOEC	>= 76 mg/kg		

DODECAMETHYLCYCLOHEXASILOXANE (540-97-6)

Method	Species	Endpoint type	Effective dose	Exposure time	Results
	Pseudokirchneriella subcapitata	ErC50	> 0.002 mg/L	72 hours	
Chronic aquatic toxicity	Daphnia magna	NOEC	0.0046 mg/L	21 days	

C12 - 14 SECONDARY ALCOHOLS (126950-60-5)

Method	Species	Endpoint type	Effective dose	Exposure time	Results
	Oncorhynchus mykiss (rainbow trout)	LC50	100 - 300 mg/L	96 hours	
	Daphnia magna	EC50	4.6 - 10 mg/L	48 hours	
	Raphidocelis subcapitata	EL50	0.085 - 0.097 mg/L	72 hours	
	Raphidocelis subcapitata	NOELR	0.003 mg/L	72 hours	

3-IODO-2-PROPYNL BUTYLCARBAMATE (55406-53-6)

Method	Species	Endpoint type	Effective dose	Exposure time	Results
	Algae Scenedesmus subspicatus	EC50	0.053 mg/L	72 hours	
	Crustacea Hyalella azteca	LC50	500 ppb	48 hours	
	Daphnia magna	LC50	40 ppb	48 hours	
	Fish Oncorhynchus mykiss (rainbow trout)	LC50	67 ug/l	96 hours	
Chronic aquatic toxicity	Fish Pimephales promelas	NOEC	8.4 ppb	35 days	

12.2. Persistence and degradability**Persistence and degradability** No information available.

DIMETHYL,(AMINOETHYLAMINOPROPY 1)METHYL SILOXANE,TRIMETHYLSILOXY-TERMINATED (71750-79-3)

Method	Exposure time	Value	Results
			Not readily biodegradable

ALCOHOLS C11 - C15 SECONDARY ETHOXYLATED (68131-40-8)

Method	Exposure time	Value	Results
			Readily biodegradable

ALCOHOLS C11 - C15 SECONDARY ETHOXYLATED (68131-40-8)

Method	Exposure time	Value	Results
OECD Test No. 301F: Ready Biodegradability: Manometric Respirometry Test (TG 301 F)	28 days	Biodegradation > 60%	Readily biodegradable

2-PHENOXYETHANOL (122-99-6)

Method	Exposure time	Value	Results
OECD Test No. 301F: Ready Biodegradability: Manometric Respirometry Test (TG 301 F)	28 days	Biodegradation 90 %	Readily biodegradable
OECD Test No. 301A: Ready Biodegradability: DOC Die-Away Test (TG 301 A)	15 days	Biodegradation > 90 %	Readily biodegradable

OCTAMETHYLCYCLOTETRA-SILOXANE (556-67-2)

Method	Exposure time	Value	Results
OECD 310	28 days	Biodegradation 3.7%	Expected to biodegrade very slowly

DECAMETHYLCYCLOPENTASILOXANE (541-02-6)

Method	Exposure time	Value	Results
OECD 310	28 days	Biodegradation 0.14%	Expected to biodegrade very slowly

DODECAMETHYLCYCLOHEXASILOXANE (540-97-6)

Method	Exposure time	Value	Results
OECD Test No. 301B: Ready Biodegradability: CO ₂ Evolution Test (TG 301 B)	28 days	Biodegradation 4.5%	Not readily biodegradable

C12 - 14 SECONDARY ALCOHOLS (126950-60-5)

Method	Exposure time	Value	Results
	30 days	Biodegradation 100%	Readily biodegradable

3-iodo-2-propynyl butylcarbamate (55406-53-6)

Method	Exposure time	Value	Results
OECD Test No. 301F: Ready Biodegradability: Manometric Respirometry Test (TG 301 F)	28 days	Biodegradation 21 - 25 %	Rapidly biodegradable

12.3. Bioaccumulative potential**Bioaccumulation** There is no data for this product.**Component Information**

Chemical name	Partition coefficient
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ALCOHOLS C11 - C15 SECONDARY ETHOXYLATED	2.39
ALCOHOLS C11 - C15 SECONDARY ETHOXYLATED	3.29
2-PHENOXYETHANOL	1.2
OCTAMETHYLCYCLOTETRASILOXANE	6.49
DECAMETHYLCYCLOPENTASILOXANE	5.2
DODECAMETHYLCYCLOHEXASILOXANE	8.87
C12 - 14 SECONDARY ALCOHOLS	5.81
3-iodo-2-propynyl butylcarbamate	2.81

12.4. Mobility in soil

Mobility in soil Not determined.

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
ALCOHOLS C11 - C15 SECONDARY ETHOXYLATED	The substance is not PBT / vPvB
ALCOHOLS C11 - C15 SECONDARY ETHOXYLATED	The substance is not PBT / vPvB
2-PHENOXYETHANOL	The substance is not PBT / vPvB
OCTAMETHYLCYCLOTETRASILOXANE	PBT substance vPvB substance
DECAMETHYLCYCLOPENTASILOXANE	PBT substance vPvB substance
DODECAMETHYLCYCLOHEXASILOXANE	vPvB substance
3-iodo-2-propynyl butylcarbamate	The substance is not PBT / vPvB

12.6. Other adverse effects

No information available.

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

Waste from residues/unused products Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.

Contaminated packaging Do not reuse empty containers.

SECTION 14: Transport information**IATA**

14.1 UN number or ID number Not regulated

14.2

14.3 Transport hazard class(es) Not regulated

14.4 Packing group Not regulated

14.5 Environmental hazards No

14.6 Special precautions for user
Special Provisions None

IMDG

14.1 UN number or ID number Not regulated

14.3 Transport hazard class(es) Not regulated

14.4 Packing group Not regulated

14.5 Environmental hazards No

14.6 Special precautions for user

Special Provisions None
14.7 Maritime transport in bulk according to IMO instruments No information available

RID

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

ADR

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

SECTION 15: Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****National regulations****Authorisations and/or restrictions on use:**

This product contains one or more substances subject to restriction (UK REACH - Annex XVII).

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

Chemical name	Restricted substance per REACH Annex XVII	Substance subject to authorisation per REACH Annex XIV
OCTAMETHYLCYCLOTETRAILOXANE - 556-67-2	Use restricted. See item 70.	-
DECAMETHYLCYCLOPENTASILOXANE - 541-02-6	Use restricted. See item 70.	-

Persistent Organic Pollutants

Not applicable

Export Notification requirements

Not applicable

Dangerous substance category per COMAH Regulations 2015 (as amended)

H2 - ACUTE TOXIC

E2 - Hazardous to the Aquatic Environment in Category Chronic 2

Named dangerous substances per COMAH Regulations 2015 (as amended)

Not applicable

The Ozone-Depleting Substances Regulations 2015

Not applicable

The Biocidal Products Regulations 2001 (as amended)

Chemical name	The Biocidal Products Regulations 2001 (as amended)
2-PHENOXYETHANOL - 122-99-6	Product-type 2: Disinfectants and algicides not intended for direct application to humans or animals Product-type 4:

	Food and feed area Product-type 6: Preservatives for products during storage Product-type 1: Human hygiene Product-type 13: Working or cutting fluid preservatives
3-iodo-2-propynyl butylcarbamate - 55406-53-6	Product-type 6: Preservatives for products during storage Product-type 7: Film preservatives Product-type 8: Wood preservatives Product-type 9: Fibre, leather, rubber and polymerised materials preservatives Product-type 10: Construction material preservatives Product-type 13: Working or cutting fluid preservatives

The Water Environment (Water Framework Directive) (England and Wales) Regulations 2017 (as amended)

Not applicable

Poisons Act 1972 (Explosive Precursors) Regulations (as Amended)

Not applicable

International Inventories

TSCA	Contact supplier for inventory compliance status
DSL/NDL	Contact supplier for inventory compliance status
EINECS/ELINCS	Contact supplier for inventory compliance status
ENCS	Contact supplier for inventory compliance status
IECSC	Contact supplier for inventory compliance status
KECL	Contact supplier for inventory compliance status
PICCS	Contact supplier for inventory compliance status
AIIC	Contact supplier for inventory compliance status
NZIoC	Contact supplier for inventory compliance status

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDL - Canadian Domestic Substances List/Non-Domestic Substances List
EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
ENCS - Japan Existing and New Chemical Substances
IECSC - China Inventory of Existing Chemical Substances
KECL - Korean Existing and Evaluated Chemical Substances
PICCS - Philippines Inventory of Chemicals and Chemical Substances
AIIC - Australian Inventory of Industrial Chemicals
NZIoC - New Zealand Inventory of Chemicals

15.2. Chemical safety assessment

Chemical Safety Report No information available

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**

H319 - Causes serious eye irritation

H412 - Harmful to aquatic life with long lasting effects

Legend

SVHC: Substances of Very High Concern for Authorisation:

PBT: Persistent, Bioaccumulative, and Toxic (PBT) Substances

vPvB: Very Persistent and very Bioaccumulative (vPvB) Substances

Legend Section 8: Exposure controls/personal protection

TWA	TWA (time-weighted average)	STEL	STEL (Short Term Exposure Limit)
Ceiling	Maximum limit value	*	Skin designation
+	Sensitisers		

Revision Note **SDS sections updated 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16**

Classification procedure

Classification according to Regulation (EC) No. 1272/2008 [CLP]	Method Used
Acute oral toxicity	Calculation method
Acute dermal toxicity	Calculation method
Acute inhalation toxicity - gas	Calculation method
Acute inhalation toxicity - vapour	Calculation method
Acute inhalation toxicity - dust/mist	Calculation method
Skin corrosion/irritation	Calculation method
Serious eye damage/eye irritation	Calculation method
Respiratory sensitisation	Calculation method
Skin sensitisation	Calculation method
Mutagenicity	Calculation method
Carcinogenicity	Calculation method
Reproductive toxicity	Calculation method
STOT - single exposure	Calculation method
STOT - repeated exposure	Calculation method
Acute aquatic toxicity	Calculation method
Chronic aquatic toxicity	Calculation method
Aspiration hazard	Calculation method
Ozone	Calculation method

Key literature references and sources for data used to compile the SDS

Agency for Toxic Substances and Disease Registry (ATSDR)
U.S. Environmental Protection Agency ChemView Database
European Food Safety Authority (EFSA)
European Chemicals Agency (ECHA) Committee for Risk Assessment (ECHA_RAC)
European Chemicals Agency (ECHA) (ECHA_API)
EPA (Environmental Protection Agency)
Acute Exposure Guideline Level(s) (AEGL(s))
U.S. Environmental Protection Agency Federal Insecticide, Fungicide, and Rodenticide Act
U.S. Environmental Protection Agency High Production Volume Chemicals
Food Research Journal
Hazardous Substance Database
International Uniform Chemical Information Database (IUCLID)
National Institute of Technology and Evaluation (NITE)
Australian National Industrial Chemicals Notification and Assessment Scheme (NICNAS)
NIOSH (National Institute for Occupational Safety and Health)
National Library of Medicine's ChemID Plus (NLM CIP)
National Library of Medicine's PubMed database (NLM PUBMED)
National Toxicology Program (NTP)
New Zealand's Chemical Classification and Information Database (CCID)
Organisation for Economic Co-operation and Development Environment, Health, and Safety Publications
Organisation for Economic Co-operation and Development High Production Volume Chemicals Programme
Organisation for Economic Co-operation and Development Screening Information Data Set
World Health Organization

Prepared By Lisa Bland

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This material safety data sheet complies with the requirements of UK REACH Regulations (SI 2019/758 as amended)
Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet