

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

Revision date 21-May-2025

Revision Number 1

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

1.1. Product identifier

Product Code(s) 126377
Safety data sheet number 126377
Product Name FINESSE-IT POLISH 320

Pure substance/mixture Mixture

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

Recommended use Abrasive

1.3. Details of the supplier of the safety data sheet

Supplier

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

For further information, please contact

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

1.4. Emergency telephone number

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

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Skin sensitisation	Category 1 - (H317)
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2.2. Label elements

**Signal word**

Warning

Hazard statements

H317 - May cause an allergic skin reaction

EUH208 - Contains MALEIC ANHYDRIDE; 1,2-BENZISOTHIAZOL-3(2H)-ONE; CONDENSATION PRODUCTS OF TRIETHANOLAMINE WITH ADDITION PRODUCTS OF FATTY ACIDS, C18 (UNSATURATED) ALKYL WITH MALEIC ANHYDRIDE. May produce an allergic reaction.

Precautionary statements

P261 - Avoid breathing dust/fume/gas/mist/vapours/spray

P280 - Wear protective gloves

P333 + P313 - If skin irritation or rash occurs: Get medical advice/attention

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

P501 - Dispose of contents/ container to an approved waste disposal plant

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)
WATER 7732-18-5	30 - 60%	231-791-2	-	Not Classified	-	-	-
ALUMINIUM OXIDE 1344-28-1	10 - 30%	215-691-6	-	Not classified	-	-	-
Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, < 2% aromatics -	10 - 15%	-	-	Asp. Tox. 1 (H304)	-	-	-
WHITE MINERAL OIL (PETROLEUM) 8042-47-5	3 - 7%	232-455-8	-	Asp. Tox. 1 (H304)	-	-	-
HYDROCARBONS, C14-C19, ISOALKANES,	3 - 7%	920-114-2	-	Asp. Tox. 1 (H304)	-	-	-

CYCLICS, -							
GLYCEROL 56-81-5	<5%	200-289-5	-	Not Classified	-	-	-
POLYETHYLENE GLYCOL MONOOLEATES 9004-96-0	<3%	-	-	Eye Irrit. 2 (H319)	-	-	-
POLYALKYLENE OLEATE -	<3%	-	-	Not Classified	-	-	-
MIXTURE- ESTERS -	0.5 - 1.5%	-	-	Not Classified	-	-	-
CONDENSATION PRODUCTS OF TRIETHANOLAMIN E WITH ADDITION PRODUCTS OF FATTY ACIDS, C18 (UNSATURATED) ALKYL WITH MALEIC ANHYDRIDE -	<0.5%	-	-	Skin Sens. 1B (H317)	-	-	-
1,2-BENZISOTHAZ OL-3(2H)-ONE 2634-33-5	<0.05%	220-120-9	-	Acute Tox. 4 (H302) Skin Irrit. 2 (H315) Eye Dam. 1 (H318) Skin Sens. 1 (H317) Aquatic Acute 1 (H400) Aquatic Chronic 2 (H411) Acute Tox. 2 (H330)	Skin Sens. 1 :: C>=0.05%	1	-
MALEIC ANHYDRIDE 108-31-6	<0.001%	203-571-6 (607-096-00 -9)	-	(EUH071) Acute Tox. 4 (H302) Skin Corr. 1B (H314) Eye Dam. 1 (H318) Resp. Sens. 1 (H334) Skin Sens. 1A (H317) STOT RE 1 (H372)	Skin Sens. 1A :: C>=0.001%	-	-

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

This product does not contain candidate substances of very high concern at a concentration $\geq 0.1\%$ (UK REACH Article 59)

SECTION 4: First aid measures**4.1. Description of first aid measures****Inhalation**

Remove to fresh air. Get medical attention if symptoms occur.

Eye contact

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists.

Skin contact

IF ON SKIN: Wash with plenty of soap and water. Get medical attention if symptoms occur.

Ingestion Rinse mouth thoroughly with water. (Get medical attention immediately if symptoms occur).

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

Dermal Redness. Blistering. Itching.

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

Note to doctors Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

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

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 None known.

5.3. Advice for firefighters

Special protective equipment and precautions for fire-fighters Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions Evacuate area. Ensure adequate ventilation. Use personal protection recommended in Section 8. Avoid contact with eyes, skin and clothing.

For emergency responders Use personal protection recommended in Section 8.

6.2. Environmental precautions

Environmental precautions Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

Methods for containment Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal.

Methods for cleaning up Collect spillage in containers, seal securely and deliver for disposal according to local regulations. For waste disposal, see section 13.

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 Avoid breathing dust/fume/gas/mist/vapours/spray. Avoid eating, drinking and smoking when using the product. Wash thoroughly after handling. Avoid release to the environment.

General hygiene considerations Wash hands and face before breaks and immediately after handling the product. Remove contaminated clothing and protective equipment before entering eating areas. Contaminated work clothing should not be allowed out of the workplace. Take off all contaminated clothing and wash it before reuse.

7.2. Conditions for safe storage, including any incompatibilities

Storage Conditions Keep container tightly closed in a dry and well-ventilated place.

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

Chemical name	United Kingdom
ALUMINIUM OXIDE 1344-28-1	TWA :4 mg/m ³ TWA:10 mg/m ³
GLYCEROL 56-81-5	TWA: 10 mg/m ³ STEL: 30 mg/m ³
MALEIC ANHYDRIDE 108-31-6	TWA: 1 mg/m ³ STEL: 3 mg/m ³ Sen+

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
WHITE MINERAL OIL (PETROLEUM) 8042-47-5		217.05 mg/kg bw/day [4] [6]	164.56 mg/m ³ [4] [6]
GLYCEROL 56-81-5			56 mg/m ³ [5] [6]
1,2-BENZISOTHIAZOL-3(2H)-ONE 2634-33-5		0.966 mg/kg/day [4] [6]	6.81 mg/m ³ [4] [6]
MALEIC ANHYDRIDE			0.081mg/m ³ [4] [6]

Chemical name	Oral	Dermal	Inhalation
108-31-6			0.081mg/m ³ [5] [6]

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

Derived No Effect Level (DNEL) - General Public

Chemical name	Oral	Dermal	Inhalation
WHITE MINERAL OIL (PETROLEUM) 8042-47-5	25 mg/kg bw/day [4] [6]	93.02 mg/kg bw/day [4] [6]	34.78 mg/m ³ [4] [6]
GLYCEROL 56-81-5	229 mg/kg bw/day [4] [6]		33 mg/m ³ [5] [6]
1,2-BENZISOTHIAZOL-3(2H)-ONE 2634-33-5		0.345 mg/kg [4] [6]	1.2 mg/m ³ [4] [6]

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

Predicted No Effect Concentration (PNEC)

Chemical name	Freshwater	Freshwater (intermittent release)	Marine water	Marine water (intermittent release)	Air
GLYCEROL 56-81-5	0.885 mg/L	8.85 mg/L	0.0885 mg/L		
1,2-BENZISOTHIAZOL-3(2H)-ONE 2634-33-5	0.00403 mg/l	1.1 µg/L	0.000403 mg/l	110 ng/L	
MALEIC ANHYDRIDE 108-31-6	0.038 mg/l		0.004 mg/l		

Chemical name	Freshwater sediment	Marine sediment	Sewage treatment	Soil	Food chain
ALUMINIUM OXIDE 1344-28-1			20 mg/L		
GLYCEROL 56-81-5	3.3 mg/kg sediment dw	0.33 mg/kg sediment dw	1000 mg/L	0.141 mg/kg soil dw	
1,2-BENZISOTHIAZOL-3(2H)-ONE 2634-33-5	0.0499 mg/kg	0.00499 mg/kg	1.03 mg/L	3 mg/kg	1.03 mg/l
MALEIC ANHYDRIDE 108-31-6	0.296 mg/kg	0.03 mg/kg	44.6 mg/l	0.037 mg/kg	

8.2. Exposure controls

Engineering controls Ensure adequate ventilation.

Personal protective equipment

Eye/face protection Use eye protection according to EN 166.

Hand protection Wear suitable gloves. Ensure that the breakthrough time of the glove material is not exceeded. Refer to glove supplier for information on breakthrough time for specific gloves. Gloves must conform to standard EN 374.

Gloves			
Duration of contact	PPE - Glove material	Glove thickness	Break through time
	Polymer laminate		

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

Respiratory protection In case of inadequate ventilation wear respiratory protection.
Recommended filter type: Type A. Particulate filter, type P2.

General hygiene considerations Wash hands and face before breaks and immediately after handling the product. Remove contaminated clothing and protective equipment before entering eating areas. Contaminated work clothing should not be allowed out of the workplace. Take off all contaminated clothing and wash it before reuse.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state Liquid
Appearance Emulsion
Colour Blue
Odour Low. Solvent.
Odour threshold No information available

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
Melting point / freezing point		No information available.
Initial boiling point and boiling range	95 - 105 °C	
Flammability		No information available.
Flammability Limit in Air		No information available.
Upper flammability or explosive limits		
Lower flammability or explosive limits		
Flash point		No information available.
Autoignition temperature		No information available.
Decomposition temperature		No information available.
pH	8.2 - 9	
pH (as aqueous solution)		No information available.
Kinematic viscosity	30,036 mm ² /s	
Dynamic viscosity		No information available.
Water solubility	No data available	No information available.
Solubility(ies)		No information available.
Partition coefficient		No information available.
Vapour pressure		No information available.
Relative density		No information available.
Bulk density		No information available.
Liquid Density	1.08-1.16 kg/l	
Relative vapour density		No information available.
Particle characteristics		No information available.
Particle Size	No information available	
Particle Size Distribution	No information available	
Explosive properties	No information available	
Oxidising properties	No information available	

9.2. Other information

VOC content .? 213.2 g/l

SECTION 10: Stability and reactivity**10.1. Reactivity**

Reactivity Stable under normal 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 None under normal processing.

10.4. Conditions to avoid

Conditions to avoid None known based on information supplied.

10.5. Incompatible materials

Incompatible materials None known based on information supplied.

10.6. Hazardous decomposition products

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

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

Eye contact Specific test data for the substance or mixture is not available.

Skin contact Specific test data for the substance or mixture is not available.

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

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

ATEmix (oral) 315,000.00 mg/kg

ATEmix (dermal) 250,000.00 mg/kg
 ATEmix (inhalation-dust/mist) 68.75 mg/l

Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
ALUMINIUM OXIDE	> 5000 mg/kg (Rat)	> 5000 mg/kg (Rat)	> 2.3 mg/l (Rat)
Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, < 2% aromatics	> 15000 mg/kg (Rat)	> 5000 mg/kg	-
WHITE MINERAL OIL (PETROLEUM)	> 5000 mg/kg (Rat)	>2000 mg/kg (Rabbit)	-
HYDROCARBONS, C14-C19, ISOALKANES, CYCLICS,	> 5000 mg/kg (Rat)	-	> 5.3 mg/l (Rat)4h
GLYCEROL	> 5000 mg/kg (Rat)	> 5000 mg/kg (Rabbit)	-
POLYETHYLENE GLYCOL MONOOLEATES	> 2000 mg/kg (Rat)	> 9800 mg/kg (Rabbit)	-
POLYALKYLENE OLEATE	= 20000 mg/kg (Rat)	> 5000 mg/kg	> 5.1 mg/l (Rat)
CONDENSATION PRODUCTS OF TRIETHANOLAMINE WITH ADDITION PRODUCTS OF FATTY ACIDS, C18 (UNSATURATED) ALKYL WITH MALEIC ANHYDRIDE	> 5385 mg/kg (Rat)	> 5000 mg/kg	-
1,2-BENZISOTHIAZOL-3(2H)-ONE	= 450 mg/kg (Rat)	> 2000 mg/kg (Rat)	0.21 mg/l (Rat) 4h
MALEIC ANHYDRIDE	= 1030 mg/kg (Rat)	= 2620 mg/kg (Rabbit)	-

Delayed and immediate effects as well as chronic effects from short and long-term exposure**Skin corrosion/irritation**

Based on available data the classification criteria are not met.

ALUMINIUM OXIDE (1344-28-1)

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

Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, < 2% aromatics (-)

Method	Species	Exposure route	Effective dose	Exposure time	Results
					Mild skin irritant

WHITE MINERAL OIL (PETROLEUM) (8042-47-5)

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

HYDROCARBONS, C14-C19, ISOALKANES, CYCLICS, (-)

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

GLYCEROL (56-81-5)

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

POLYETHYLENE GLYCOL MONOOLEATES (9004-96-0)

Method	Species	Exposure route	Effective dose	Exposure time	Results
	Rabbit				Mild skin irritant

POLYALKYLENE OLEATE (-)

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

CONDENSATION PRODUCTS OF TRIETHANOLAMINE WITH ADDITION PRODUCTS OF FATTY ACIDS, C18 (UNSATURATED) ALKYL WITH MALEIC ANHYDRIDE (-)

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

1,2-BENZISOTHAZOL-3(2H)-ONE (2634-33-5)

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

MALEIC ANHYDRIDE (108-31-6)

Method	Species	Exposure route	Effective dose	Exposure time	Results
	Human evidence Animal	Dermal			Corrosive

Serious eye damage/eye irritation Based on available data the classification criteria are not met.

ALUMINIUM OXIDE (1344-28-1)

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

Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, < 2% aromatics (-)

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

WHITE MINERAL OIL (PETROLEUM) (8042-47-5)

Method	Species	Exposure route	Effective dose	Exposure time	Results
	Rabbit				Mild eye irritation

HYDROCARBONS, C14-C19, ISOALKANES, CYCLICS, (-)

Method	Species	Exposure route	Effective dose	Exposure time	Results
	Rabbit				Mild eye irritation

GLYCEROL (56-81-5)

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

POLYETHYLENE GLYCOL MONOOLEATES (9004-96-0)

Method	Species	Exposure route	Effective dose	Exposure time	Results
	Rabbit				Moderate eye irritation

POLYALKYLENE OLEATE (-)

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

CONDENSATION PRODUCTS OF TRIETHANOLAMINE WITH ADDITION PRODUCTS OF FATTY ACIDS, C18 (UNSATURATED) ALKYL WITH MALEIC ANHYDRIDE (-)

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

1,2-BENZISOTHAZOL-3(2H)-ONE (2634-33-5)

Method	Species	Exposure route	Effective dose	Exposure time	Results
	Rabbit				Corrosive

MALEIC ANHYDRIDE (108-31-6)

Method	Species	Exposure route	Effective dose	Exposure time	Results
	Rabbit	eye			Corrosive

Respiratory or skin sensitisation May cause an allergic skin reaction.

Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, < 2% aromatics (-)

Method	Species	Exposure route	Results
			No sensitisation responses were observed

WHITE MINERAL OIL (PETROLEUM) (8042-47-5)

Method	Species	Exposure route	Results
	Guinea pig		No sensitisation responses were observed

HYDROCARBONS, C14-C19, ISOALKANES, CYCLICS, (-)

Method	Species	Exposure route	Results
	Guinea pig		No sensitisation responses were observed

GLYCEROL (56-81-5)

Method	Species	Exposure route	Results
	Guinea pig		No sensitisation responses were observed

POLYALKYLENE OLEATE (-)

Method	Species	Exposure route	Results
	Guinea pig		Not a skin sensitiser

CONDENSATION PRODUCTS OF TRIETHANOLAMINE WITH ADDITION PRODUCTS OF FATTY ACIDS, C18 (UNSATURATED) ALKYL WITH MALEIC ANHYDRIDE (-)

Method	Species	Exposure route	Results
	Mouse		Sensitising

1,2-BENZISOTHAZOL-3(2H)-ONE (2634-33-5)

Method	Species	Exposure route	Results
OECD Test No. 406: Skin Sensitisation	Guinea pig		Sensitising

MALEIC ANHYDRIDE (108-31-6)

Method	Species	Exposure route	Results
	Animal	Dermal	Sensitising
	human data	Inhalation	Sensitising

Germ cell mutagenicity Based on available data the classification criteria are not met.

Component Information

ALUMINIUM OXIDE (1344-28-1)

Method	Species	Results
	in vitro	Not mutagenic

Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, < 2% aromatics (-)

Method	Species	Results
	in vitro	Not mutagenic

WHITE MINERAL OIL (PETROLEUM) (8042-47-5)

Method	Species	Results
	in vitro	Not mutagenic

HYDROCARBONS, C14-C19, ISOALKANES, CYCLICS, (-)

Method	Species	Results
	in vitro	Not mutagenic
	in vivo	Not mutagenic

GLYCEROL (56-81-5)

Method	Species	Results
	in vitro	Negative

POLYALKYLENE OLEATE (-)

Method	Species	Results
	in vitro	Not mutagenic

CONDENSATION PRODUCTS OF TRIETHANOLAMINE WITH ADDITION PRODUCTS OF FATTY ACIDS, C18 (UNSATURATED) ALKYL WITH MALEIC ANHYDRIDE (-)

Method	Species	Results
	in vitro	Not mutagenic

1,2-BENZISOTHIAZOL-3(2H)-ONE (2634-33-5)

Method	Species	Results
	in vivo	Not mutagenic
	in vitro	In vitro genetic toxicity studies were negative in some cases and positive in other cases.

MALEIC ANHYDRIDE (108-31-6)

Method	Species	Results
	in vivo	Not mutagenic
	in vitro	In vitro genetic toxicity studies were negative in some cases and positive in other cases.

Carcinogenicity

Based on available data the classification criteria are not met.

Component Information

ALUMINIUM OXIDE (1344-28-1)

Method	Species	Results
	Rat	Not Carcinogenic

WHITE MINERAL OIL (PETROLEUM) (8042-47-5)

Method	Species	Results
	Mouse	Not Carcinogenic
	Animal Data.	Not Carcinogenic

GLYCEROL (56-81-5)

Method	Species	Results
	Mouse	Limited evidence of a carcinogenic effect

POLYALKYLENE OLEATE (-)

Method	Species	Results
	Rat	Limited evidence of a carcinogenic effect

Reproductive toxicity

Based on available data the classification criteria are not met.

WHITE MINERAL OIL (PETROLEUM) (8042-47-5)

Method	Species	Results
	Rat	Negative NOAEL 4,350 mg/kg/day
	Rat	Negative NOAEL 4,350 mg/kg/day
	Rat	Negative NOAEL 4,350 mg/kg/day

HYDROCARBONS, C14-C19, ISOALKANES, CYCLICS, (-)

Method	Species	Results
	Rat	Negative
	Rat	Negative
	Rat	Negative

GLYCEROL (56-81-5)

Method	Species	Results
	Rat	Negative NOAEL 2,000 mg/kg/day
	Rat	Negative NOAEL 2,000 mg/kg/day
	Rat	Negative NOAEL 2,000 mg/kg/day

POLYALKYLENE OLEATE (-)

Method	Species	Results
	Rat	Negative NOAEL 6,666 mg/kg/day
	Rat	Negative NOAEL 6,666 mg/kg/day
	Rat	Negative NOAEL 5,000 mg/kg/day

CONDENSATION PRODUCTS OF TRIETHANOLAMINE WITH ADDITION PRODUCTS OF FATTY ACIDS, C18 (UNSATURATED) ALKYL WITH MALEIC ANHYDRIDE (-)

Method	Species	Results
	Rat	Negative NOAEL 1,000 mg/kg/day
	Rat	Negative NOAEL 1,000 mg/kg/day
	Rat	Negative NOAEL 1,000 mg/kg/day

1,2-BENZISOTHIAZOL-3(2H)-ONE (2634-33-5)

Method	Species	Results
	Rat	Negative NOAEL 112 mg/kg/day
		Negative NOAEL 112 mg/kg/day
		Negative NOAEL 112 mg/kg/day

MALEIC ANHYDRIDE (108-31-6)

Method	Species	Results
	Rat	NOAEL 55 mg/kg/day Negative
	Rat	NOAEL 55 mg/kg/day Negative
	Rat	NOAEL 140 mg/kg/day Negative

STOT - single exposure

Based on available data the classification criteria are not met.

Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, < 2% aromatics (-)

Method	Species	Exposure route	Effective dose	Exposure time	Results
		Inhalation			Evaluation of available data suggests that this material is not an STOT-SE toxicant

1,2-BENZISOTHIAZOL-3(2H)-ONE (2634-33-5)

Method	Species	Exposure route	Effective dose	Exposure time	Results
		Inhalation			Evaluation of available data suggests that this material is not an STOT-SE toxicant

MALEIC ANHYDRIDE (108-31-6)

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

STOT - repeated exposure

Based on available data the classification criteria are not met.

Component Information

ALUMINIUM OXIDE (1344-28-1)

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

Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, < 2% aromatics (-)

Method	Species	Exposure route	Effective dose	Exposure time	Results
	Rat	Inhalation	6 mg/L	13 weeks	NOAEL Not classified
	Rat	Inhalation	1.5 mg/L	13 weeks	LOAEL Not classified
	Rat	Inhalation	6 mg/L	13 weeks	NOAEL Not classified
	Rat	Oral	1000 mg/kg bw/d	13 weeks	NOAEL Not classified
	Rat	Oral	100 mg/kg bw/d	13 weeks	LOAEL Not classified
	Rat	Oral	1000 mg/kg bw/d	13 weeks	NOAEL Not classified

WHITE MINERAL OIL (PETROLEUM) (8042-47-5)

Method	Species	Exposure route	Effective dose	Exposure time	Results
	Rat	Oral	1381 mg/kg bw/d	90 days	NOAEL Not classified
	Rat	Oral	1336 mg/kg bw/d	90 days	NOAEL Not classified

GLYCEROL (56-81-5)

Method	Species	Exposure route	Effective dose	Exposure time	Results
	Rat	Inhalation	3.91 mg/L	14 days	NOAEL Not classified
	Rat	Oral	10000 mg/kg bw/d	24 months	NOAEL Not classified

POLYALKYLENE OLEATE (-)

Method	Species	Exposure route	Effective dose	Exposure time	Results
	Rat	Oral	4132 mg/kg bw/d	90 days	NOAEL Not

					classified
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CONDENSATION PRODUCTS OF TRIETHANOLAMINE WITH ADDITION PRODUCTS OF FATTY ACIDS, C18
(UNSATURATED) ALKYL WITH MALEIC ANHYDRIDE (-)

Method	Species	Exposure route	Effective dose	Exposure time	Results
	Rat	Oral	1000 mg/kg bw/d	35 days	NOAEL Not classified

1,2-BENZISOTHIAZOL-3(2H)-ONE (2634-33-5)

Method	Species	Exposure route	Effective dose	Exposure time	Results
	Rat	Oral	322 mg/kg bw/d	90 days	NOAEL Not classified
	Rat	Oral	150 mg/kg bw/d	28 days	NOAEL Not classified

MALEIC ANHYDRIDE (108-31-6)

Method	Species	Exposure route	Effective dose	Exposure time	Results
	Rat	Inhalation	LOAEL 0.0011 mg/l	6 months	Causes damage to organs through prolonged or repeated exposure
	Rat	Inhalation	NOAEL 0.0098 mg/l	6 months	Not classified
	Rat	Oral	NOAEL 55 mg/kg/day	80 days	Some positive data exist, but the data are not sufficient for classification
	Rat	Oral	LOAEL 250 mg/kg/day	183 days	Some positive data exist, but the data are not sufficient for classification
	Rat	Oral	NOAEL 600 mg/kg/day	183 days	Not classified
	Rat	Oral	NOAEL 150 mg/kg/day	80 days	Not classified
	Dog	Oral	NOAEL 60 mg/kg/day	90 days	Not classified
	Rat	Oral	NOAEL 150 mg/kg/day	80 days	Not classified

Aspiration hazard

Based on available data the classification criteria are not met.

Other adverse effects

No information available.

SECTION 12: Ecological information

12.1. Toxicity

Ecotoxicity

The product contains no substances known to be hazardous to health or to the environment in concentrations which need to be taken into account.

ALUMINIUM OXIDE (1344-28-1)

Method	Species	Endpoint type	Effective dose	Exposure time	Results
	Fish	LC50	>100 mg/L	96 hours	
	Algae	EC50	>100 mg/L	72 hours	
	Water flea	LC50	>100 mg/L	48 hours	
	Algae	NOEC	>100 mg/L	72 hours	

Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, < 2% aromatics (-)

Method	Species	Endpoint type	Effective dose	Exposure time	Results
	Algae	EL50	> 1000 mg/L	72 hours	
	Oncorhynchus mykiss (rainbow trout)	LL50	> 1000 mg/L	96 hours	
	Water flea	EL50	> 1000 mg/L	48 hours	
	Algae	NOEL	1000 mg/L	72 hours	

WHITE MINERAL OIL (PETROLEUM) (8042-47-5)

Method	Species	Endpoint type	Effective dose	Exposure time	Results
	Water flea	EL50	> 100 mg/L	48 hours	
	Fish	LL50	> 100 mg/L	96 hours	
	Algae	NOEL	100 mg/L	72 hours	
	Water flea	NOEL	> 100 mg/L	21 days	

HYDROCARBONS, C14-C19, ISOALKANES, CYCLICS, (-)

Method	Species	Endpoint type	Effective dose	Exposure time	Results
	activated sludge	EC50	> 100 mg/L	3 hours	
	Fish	LL50	> 1028 mg/L	96 hours	
	Algae	EL50	> 1000 mg/L	72 hours	
	Water flea	EL50	> 1000 mg/L	48 hours	
	Algae	NOEL	1000 mg/L	72 hours	
	Water flea	NOEL	5 mg/L	21 days	

GLYCEROL (56-81-5)

Method	Species	Endpoint type	Effective dose	Exposure time	Results
	Oncorhynchus mykiss (rainbow trout)	LC50	54,000 mg/L	96 hours	Not classified
	Water flea	LC50	1955 mg/L	48 hours	
	Bacteria toxicity	NOEC	10000 mg/L	16 hours	

POLYALKYLENE OLEATE (-)

Method	Species	Endpoint type	Effective dose	Exposure time	Results
	Algae	EL50	58.84 mg/L	72 hours	
	Fish	LL50	> 100 mg/L	96 hours	
	Algae	EL10	19.05 mg/L	72 hours	
	Water flea	NOEL	10 mg/L	21 days	

CONDENSATION PRODUCTS OF TRIETHANOLAMINE WITH ADDITION PRODUCTS OF FATTY ACIDS, C18 (UNSATURATED) ALKYL WITH MALEIC ANHYDRIDE (-)

Method	Species	Endpoint type	Effective dose	Exposure time	Results
	activated sludge	EC50	1000 mg/L	3 hours	
	Algae	EL50	105 mg/L	72 hours	
	Oncorhynchus mykiss (rainbow trout)		> 100 mg/L	96 hours	
	Water flea		> 100 mg/L	48 hours	
	Algae	EL10	40 mg/L	72 hours	

1,2-BENZISOTHIAZOL-3(2H)-ONE (2634-33-5)

Method	Species	Endpoint type	Effective dose	Exposure time	Results
OECD Test No. 202: Daphnia sp., Acute Immobilisation Test	Daphnia magna	EC50	2.9 mg/L	48 hours	
	Algae	ErC50	0.11 mg/L	72 hours	

	Oncorhynchus mykiss (rainbow trout)	LC50	1.6 mg/L	96 hours	
	Fish	LC50	16.7 mg/L	96 hours	
	Algae	NOEC	0.0403 mg/L	72 hours	
	activated sludge	EC50	12.8 mg/L	3 hours	
	Fish	LD50	617 mg/kg	14 days	
	Other aquatic organisms	EC50	200 mg/kg	14 days	
	Other aquatic organisms	LC50	> 410.6 mg/kg	14 days	
	Soil macro-organisms	EC50	> 811.5 mg/kg	28 days	

MALEIC ANHYDRIDE (108-31-6)

Method	Species	Endpoint type	Effective dose	Exposure time	Results
	Bacteria toxicity	EC10	44.6 mg/L	18 hours	
	Oncorhynchus mykiss (rainbow trout)	LC50	75 mg/L	96 hours	
	Green Algae	ErC50	74.4 mg/L	72 hours	
	Water flea	EC50	93.8 mg/L	48 hours	
	Water flea	NOEC	10 mg/L	21 days	
	Green Algae	ErC10	11.8 mg/L	72 hours	

12.2. Persistence and degradability

Persistence and degradability No information available.

Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, < 2% aromatics (-)

Method	Exposure time	Value	Results
OECD Test No. 301F: Ready Biodegradability: Manometric Respirometry Test (TG 301 F)	28 days	69% Biodegradation	Readily biodegradable

WHITE MINERAL OIL (PETROLEUM) (8042-47-5)

Method	Exposure time	Value	Results
OECD Test No. 301B: Ready Biodegradability: CO2 Evolution Test (TG 301 B)	28 days	0% Biodegradation	Not readily biodegradable

HYDROCARBONS, C14-C19, ISOALKANES, CYCLICS, (-)

Method	Exposure time	Value	Results
OECD Test No. 301F: Ready Biodegradability: Manometric Respirometry Test (TG 301 F)	28 days	82% Biodegradation	Readily biodegradable

GLYCEROL (56-81-5)

Method	Exposure time	Value	Results
OECD Test No. 301C: Ready Biodegradability: Modified MITI Test (I) (TG 301 C)	28 days	63% Biodegradation	Readily biodegradable

POLYALKYLENE OLEATE (-)

Method	Exposure time	Value	Results
ISO 14593	28 days	61% Biodegradation	Readily biodegradable

CONDENSATION PRODUCTS OF TRIETHANOLAMINE WITH ADDITION PRODUCTS OF FATTY ACIDS, C18
(UNSATURATED) ALKYL WITH MALEIC ANHYDRIDE (-)

Method	Exposure time	Value	Results
OECD Test No. 301F: Ready Biodegradability: Manometric Respirometry Test (TG 301 F)	28 days	23% Biodegradation	Not readily biodegradable

1,2-BENZISOTHIAZOL-3(2H)-ONE (2634-33-5)

Method	Exposure time	Value	Results
OECD Test No. 301C: Ready Biodegradability: Modified MITI Test (I) (TG 301 C)	28 days	0% Biodegradation	Not readily biodegradable

MALEIC ANHYDRIDE (108-31-6)

Method	Exposure time	Value	Results
OECD Test No. 301B: Ready Biodegradability: CO2 Evolution Test (TG 301 B)	25 days	>90% Biodegradation	Readily biodegradable

12.3. Bioaccumulative potential

Bioaccumulation

There is no data for this product.

Component Information

Chemical name	Partition coefficient
WHITE MINERAL OIL (PETROLEUM)	6
GLYCEROL	-1.75
POLYALKYLENE OLEATE	5.61
CONDENSATION PRODUCTS OF TRIETHANOLAMINE WITH ADDITION PRODUCTS OF FATTY ACIDS, C18 (UNSATURATED) ALKYL WITH MALEIC ANHYDRIDE	<1
1,2-BENZISOTHIAZOL-3(2H)-ONE	1.45
MALEIC ANHYDRIDE	-2.61

12.4. Mobility in soil

Mobility in soil

No information available.

12.5. Results of PBT and vPvB assessment

PBT and vPvB assessment

The product does not contain any substance(s) classified as PBT or vPvB.

Chemical name	PBT and vPvB assessment
ALUMINIUM OXIDE	Not applicable The substance is not PBT / vPvB
WHITE MINERAL OIL (PETROLEUM)	The substance is not PBT / vPvB
GLYCEROL	The substance is not PBT / vPvB
1,2-BENZISOTHIAZOL-3(2H)-ONE	The substance is not PBT / vPvB
MALEIC ANHYDRIDE	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	Waste is classified as hazardous waste. Disposal to licensed waste disposal site in accordance with the local Waste Disposal Authority.
Contaminated packaging	Do not reuse empty containers.
Other information	Waste codes should be assigned by the user based on the application for which the product was used.

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	Not applicable
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	Not applicable
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	Not applicable
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	Not applicable
14.6 Special precautions for user	
Special Provisions	None

SECTION 15: Regulatory information

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

National regulations

Authorisations and/or restrictions on use:

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

This product does not contain substances subject to restriction (UK REACH - Annex XVII).

Product restricted per REACH Annex XVII: 3

Persistent Organic Pollutants

Not applicable

Export Notification requirements

Not applicable

Named dangerous substances per COMAH Regulations 2015 (as amended)

Not applicable

The Ozone-Depleting Substances Regulations 2015

Not applicable

The Biocidal Products Regulations 2001 (as amended)

Chemical name	The Biocidal Products Regulations 2001 (as amended)
1,2-BENZISOTHIAZOL-3(2H)-ONE - 2634-33-5	Product-type 2: Disinfectants and algacides not intended for direct application to humans or animals Product-type 6: Preservatives for products during storage Product-type 9: Fibre, leather, rubber and polymerised materials preservatives Product-type 11: Preservatives for liquid-cooling and processing systems Product-type 12: Slimicides 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

KECI

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**

EUH071 - Corrosive to the respiratory tract
 H302 - Harmful if swallowed
 H304 - May be fatal if swallowed and enters airways
 H314 - Causes severe skin burns and eye damage
 H315 - Causes skin irritation
 H317 - May cause an allergic skin reaction
 H318 - Causes serious eye damage
 H330 - Fatal if inhaled
 H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled
 H372 - Causes damage to organs through prolonged or repeated exposure
 H400 - Very toxic to aquatic life
 H411 - Toxic to aquatic life with long lasting effects

Legend

SVHC: Substances of Very High Concern for Authorisation:

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 ***Indicates updated data since last publication

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)
 Environmental Protection Agency
 Acute Exposure Guideline Level(s) (AEGL(s))
 U.S. Environmental Protection Agency Federal Insecticide, Fungicide, and Rodenticide Act
 U.S. Environmental Protection Agency High Production Volume Chemicals
 Food Research Journal
 Hazardous Substance Database
 International Uniform Chemical Information Database (IUCLID)
 National Institute of Technology and Evaluation (NITE)
 Australian National Industrial Chemicals Notification and Assessment Scheme (NICNAS)

NIOSH (National Institute for Occupational Safety and Health)
National Library of Medicine's ChemID Plus (NLM CIP)
National Library of Medicine's PubMed database (NLM PUBMED)
U.S. National Toxicology Program (NTP)
New Zealand's Chemical Classification and Information Database (CCID)
Organisation for Economic Co-operation and Development Environment, Health, and Safety Publications
Organisation for Economic Co-operation and Development High Production Volume Chemicals Programme
Organisation for Economic Co-operation and Development Screening Information Data Set
World Health Organization

Prepared By Amy Whitfield

Revision date 21-May-2025

**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