

SAFETY DATA SHEET

Ultra Grit

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Trade name: Ultra Grit

Product no.: MBUG01

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

Relevant identified uses of the substance or mixture: Cosmetic product
Restricted to professional and industrial use.

Uses advised against : For professional use only. This product is not recommended for any industrial, professional or consumer use other than the identified uses above

1.3. Details of the supplier of the safety data sheet

Company and address: **Autosmart Australia**
11 Darrambal Close
NSW 2283 Rathmines
Australia
Tel: 02 49 75 14 88 (Mon to Fri, 08:00 - 16:00 AEST)
autosmart@autosmartaustralia.com.au

Contact person: Russell Butler

E-mail: SHREQ@autosmart.co.uk

SDS date: 6/8/2026

SDS Version: 1.0

1.4. Emergency telephone number

In an Emergency call 000

NCEC - For Chemical Emergency Support ONLY (spill, leak, fire, exposure or accident), Call NCEC at 1800 074 234 (toll free 24Hrs) - when calling please quote "AUTOSMART 29003-NCEC"
Local number +61 (0)2 8 014 4558

General Information. Transport Information. Mild medical Information:-
Autosmart Australia, Tel: 02 49 75 14 88 (Mon to Fri, 08:00 - 16:00 AEST)

National Emergency Telephone Number:

In less severe situations call the Poisons Information Centre / Poison Information Hotline: 13 11 26 (Available 24/7 from anywhere in Australia)

SECTION 2: HAZARDS IDENTIFICATION

This material is considered hazardous according to the Work Health and Safety Regulations.

2.1. Classification of the substance or mixture

Skin Irrit. 2; H315, Causes skin irritation.

Skin Sens. 1; H317, May cause an allergic skin reaction.
 Eye Dam. 1; H318, Causes serious eye damage.
 Carc. 1A; H350i, May cause cancer by inhalation.
 STOT RE 1; H372, Causes damage to organs through prolonged or repeated exposure.
 STOT RE 2; H373, May cause damage to organs through prolonged or repeated exposure.

2.2. Label elements

Hazard pictogram(s):



Signal word:

Danger

Hazard statement(s):

Causes skin irritation. (H315)
 May cause an allergic skin reaction. (H317)
 Causes serious eye damage. (H318)
 May cause cancer by inhalation. (H350i)
 Causes damage to organs through prolonged or repeated exposure. (H372)
 May cause damage to organs through prolonged or repeated exposure. (H373)

Precautionary statement(s):

General:

Not applicable.

Prevention:

Do not breathe dust. (P260)
 Wear eye protection. (P280)

Response:

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. (P305+P351+P338)

Storage:

Not applicable.

Disposal:

Not applicable.

Hazardous substances:

Amides, coco, N,N-bis(hydroxyethyl)
 Sulfuric acid, mono-C12-14-alkyl esters, sodium salts
 Kieselguhr, soda ash flux-calcined
 (R)-p-mentha-1,8-diene;d-limonene
 Amines, C10-16-alkyldimethyl, N-oxides
 reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)

Additional labelling:

Restricted to professional users.

2.3. Other hazards

Additional warnings:

Cosmetic products are exempt classification rules, but must comply with the cosmetics legislation.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substances

Not applicable. This product is a mixture.

3.2. Mixtures

Product/substance:	Identifiers:	% w/w:	Classification:	Note:
Amides, coco, N,N-bis(hydroxyethyl)	CAS No.: 68603-42-9 EC No.: 271-657-0	5-10%	Skin Irrit. 2, H315 Eye Dam. 1, H318	[19]

Sulfuric acid, mono-C12-14-alkyl esters, sodium salts	CAS No.: 85586-07-8 EC No.: 287-809-4	5-10%	Acute Tox. 4, H302 (ATE: 1800.00 mg/kg) Skin Irrit. 2, H315 Eye Dam. 1, H318 (SCL: 20.00 %)	
Kieselguhr, soda ash flux-calcined	CAS No.: 68855-54-9 EC No.: 272-489-0	5-10%	Carc. 1A, H350i STOT RE 1, H372	[19]
Cristobalite	CAS No.: 14464-46-1 EC No.: 238-455-4	3-5%	STOT RE 1, H372	
(R)-p-mentha-1,8-diene;d-limonene	CAS No.: 5989-27-5 EC No.: 227-813-5	3-5%	Flam. Liq. 3, H226 Asp. Tox. 1, H304 Skin Irrit. 2, H315 Skin Sens. 1, H317	
1-methoxy-2-propanol;monopropylene glycol methyl ether	CAS No.: 107-98-2 EC No.: 203-539-1	1-3%	Flam. Liq. 3, H226 STOT SE 3, H336	
Dodecylbenzenesulphonic acid, compound with isopropylamine (1:1)	CAS No.: 26264-05-1 EC No.: 247-556-2	1-3%	Eye Irrit. 2, H319	
Glycerol	CAS No.: 56-81-5 EC No.: 200-289-5	<1%		
Amines, C10-16-alkyldimethyl, N-oxides	CAS No.: 70592-80-2 EC No.: 274-687-2	<0.25%	Acute Tox. 4, H302 Skin Irrit. 2, H315 Eye Dam. 1, H318	[19]
reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)	CAS No.: 55965-84-9 EC No.: 611-341-5	<0.0015%	AUH071 Acute Tox. 3, H301 Acute Tox. 2, H310 Skin Corr. 1C, H314 (SCL: 0.60 %) Skin Irrit. 2, H315 (SCL: 0.06 %) Skin Sens. 1A, H317 (SCL: 0.0015 %) Eye Dam. 1, H318 (SCL: 0.60 %) Eye Irrit. 2, H319 (SCL: 0.06 %) Acute Tox. 2, H330	

See full text of H-phrases in section 16. Occupational exposure limits are listed in section 8, if these are available.

Other information

[19] UVCB = Unknown or variable composition, complex reaction products or of biological materials

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

General information:

In the case of accident: Contact a doctor or casualty department – bring the label or this safety data sheet.
Contact a doctor if in doubt about the injured person's condition or if the symptoms persist. Never give an unconscious person water or other drink.

Inhalation:

Upon breathing difficulties or irritation of the respiratory tract: Bring the person into fresh air and stay with him/her.

<i>Skin contact:</i>	Remove contaminated clothing and shoes immediately. Ensure to wash exposed skin thoroughly with water and soap. Skin cleanser can be used. DO NOT use solvents or thinners. If skin irritation occurs: Get medical advice/attention.
<i>Eye contact:</i>	If in eyes: Flush eyes with plenty of water or saline solution (20-30 °C) for at least 30 minutes and continue until irritation stops. Remove contact lenses. Make sure you flush under the upper and lower eyelids. Seek medical assistance immediately and continue flushing during transport.
<i>Ingestion:</i>	If the person is conscious, rinse the mouth with water and stay with the person. Never give the person anything to drink. In case of malaise, seek medical advice immediately and bring the safety data sheet or label from the product. Do not induce vomiting, unless recommended by the doctor. Have the person lean forward with head down to avoid inhalation of or choking on vomited material.
<i>Burns:</i>	Not applicable.

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

Sensitisation: This product contains substances, which may trigger allergic reaction upon dermal contact. Manifestation of allergic reactions typically takes place within 12-72 hours after exposure.
The product contains substances that cause serious eye damage. Contact with these substances can cause irreversible effects on the eye / serious eye damage.

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

IF exposed or concerned:
Get immediate medical advice/attention.
If skin irritation or rash occurs: Get medical advice/attention.

Information to medics

Bring this safety data sheet or the label from this product.

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Suitable extinguishing media: Alcohol-resistant foam, carbon dioxide, powder, water mist.
Unsuitable extinguishing media: Waterjets should not be used, since they can spread the fire.

5.2. Special hazards arising from the substance or mixture

Fire will result in dense smoke. Exposure to combustion products may harm your health. Closed containers, which are exposed to fire, should be cooled with water. Do not allow fire-extinguishing water to enter the sewage system and nearby surface waters.
If the product is exposed to high temperatures, e.g. in the event of fire, dangerous decomposition compounds are produced. These are:
Carbon oxides (CO / CO₂)

5.3. Advice for firefighters

Wear self-contained breathing apparatus and protective clothing to prevent contact. Upon direct exposure call the NSW Poisons Information Centre on 13 11 26 (Available 24/7) in order to obtain further advice.
Hazchem Code: ●3Z

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Avoid direct contact with spilled substances.
Ensure adequate ventilation, especially in confined areas.
Contaminated areas may be slippery.

6.2. Environmental precautions

Avoid discharge to lakes, streams, sewers, etc. In the event of leakage to the surroundings, contact local environmental authorities.

6.3. Methods and material for containment and cleaning up

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.
Wherever possible cleaning should be performed with normal cleaning agents. Avoid use of solvents.

6.4. Reference to other sections

See section 13 "Disposal considerations" on handling of waste.
See section 8 "Exposure controls/personal protection" for protective measures.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Avoid direct contact with the product.
Avoid contact during pregnancy and while nursing.
Smoking, drinking and consumption of food is not allowed in the work area.
See section 8 "Exposure controls/personal protection" for information on personal protection.

7.2. Conditions for safe storage, including any incompatibilities

Store locked up. A sign warning of toxic materials shall be affixed the room and cupboard containing the product(s).

Containers that have been opened must be carefully resealed and kept upright to prevent leakage.

Recommended storage material: Always store in containers of the same material as the original container.

Storage conditions: No specific requirements.

Incompatible materials: Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.

7.3. Specific end use(s)

This product should only be used for applications quoted in section 1.2.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Cristobalite

Long term exposure limit (8 hours) (mg/m³): 0.05

1-methoxy-2-propanol;monopropylene glycol methyl ether

Long term exposure limit (8 hours) (ppm): 100

Long term exposure limit (8 hours) (mg/m³): 369

Short term exposure limit (15 minutes) (ppm): 150

Short term exposure limit (15 minutes) (mg/m³): 553

2,2'-iminodiethanol;diethanolamine

Long term exposure limit (8 hours) (ppm): 3

Long term exposure limit (8 hours) (mg/m³): 13

Quartz (SiO₂)

Long term exposure limit (8 hours) (mg/m³): 0.05

Glycerol

Long term exposure limit (8 hours) (mg/m³): 10

Propane-1,2-diol
 Long term exposure limit (8 hours) (ppm): 150
 Long term exposure limit (8 hours) (mg/m³): 10

Workplace exposure standards for airborne contaminants (Safe Work Australia). (January 2024)

8.2. Exposure controls

Compliance with the given occupational exposure limits values should be controlled on a regular basis.

General recommendations: Smoking, drinking and consumption of food is not allowed in the work area.

Exposure scenarios: There are no exposure scenarios implemented for this product.

Exposure limits: Professional users are subjected to the legally set maximum concentrations for occupational exposure. See occupational hygiene limit values above.

Appropriate technical measures: Do not recirculate outlet air that contain the substances.
 The formation of vapours must be kept at a minimum and below current limit values (see above). Installation of a local exhaust system if normal air flow in the work room is not sufficient is recommended.
 Ensure eyewash and emergency showers are clearly marked.
 Ensure that eyewash stations and safety showers are located within easy reach.
 Apply standard precautions during use of the product. Avoid inhalation of vapours.

Hygiene measures: Take off contaminated clothing and wash it before reuse.

Measures to avoid environmental exposure: Keep damming materials near the workplace. If possible, collect spillage during work.

Individual protection measures, such as personal protective equipment

Generally: Use only protective equipment that carries the RCM symbol.

Respiratory Equipment:
 No specific requirements.

Skin protection:
 No specific requirements.

Hand protection:
 No specific requirements.

Eye protection:

Type:	Standards:	:
Safety glasses with side shields.	EN 166 / EN ISO 16321-1	

Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. Personal protective equipment that provides appropriate eye and face protection should be worn. Wear tight-fitting, chemical splash goggles or face shield. If inhalation hazards exist, a full-face respirator may be required instead.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Form: Liquid

<i>Colour:</i>	Yellow
<i>Odour:</i>	Pleasant
<i>Odour threshold (ppm):</i>	No data available.
<i>pH:</i>	No data available.
<i>Density (g/cm³):</i>	1.15 (20 °C)
<i>Kinematic viscosity:</i>	No data available.
<i>Particle characteristics:</i>	Does not apply to liquids.

Phase changes

<i>Melting point/Freezing point (°C):</i>	No data available.
<i>Softening point/range (°C):</i>	Does not apply to liquids.
<i>Boiling point (°C):</i>	No data available.
<i>Vapour pressure:</i>	No data available.
<i>Relative vapour density:</i>	No data available.
<i>Decomposition temperature (°C):</i>	No data available.

Data on fire and explosion hazards

<i>Flash point (°C):</i>	No data available.
<i>Flammability (°C):</i>	No data available.
<i>Auto-ignition temperature (°C):</i>	No data available.
<i>Explosion limits (% v/v):</i>	No data available.

Solubility

<i>Solubility in water:</i>	No data available.
<i>n-octanol/water coefficient (LogKow):</i>	No data available.
<i>Solubility in fat (g/L):</i>	No data available.

9.2. Other information

<i>VOC (g/L):</i>	88
<i>Other physical and chemical parameters:</i>	No data available.
<i>Oxidizing properties:</i>	No data available.

SECTION 10: STABILITY AND REACTIVITY**10.1. Reactivity**

No data available.

10.2. Chemical stability

The product is stable under the conditions, noted in section 7 "Handling and storage".

10.3. Possibility of hazardous reactions

None known.

10.4. Conditions to avoid

None known.

10.5. Incompatible materials

Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Acute toxicity

Product/substance	Amides, coco, N,N-bis(hydroxyethyl)
Species:	Rat
Route of exposure:	Oral
Test:	LD50
Result:	>2000 mg/kg

Product/substance	Amides, coco, N,N-bis(hydroxyethyl)
Species:	Rabbit
Route of exposure:	Dermal
Test:	LD50
Result:	>2000 mg/kg

Product/substance	Sulfuric acid, mono-C12-14-alkyl esters, sodium salts
Species:	Rat
Route of exposure:	Oral
Test:	LD50
Result:	1,800 mg/kg

Product/substance	Sulfuric acid, mono-C12-14-alkyl esters, sodium salts
Species:	Rat
Route of exposure:	Dermal
Test:	LD50
Result:	2001 mg/kg

Product/substance	Sulfuric acid, mono-C12-14-alkyl esters, sodium salts
Species:	Rat
Route of exposure:	Oral
Test:	NOAEL
Result:	488 mg/kg

Product/substance	1-methoxy-2-propanol;monopropylene glycol methyl ether
Species:	Rat
Route of exposure:	Oral
Test:	LD50
Result:	4016 mg/kg

Product/substance	1-methoxy-2-propanol;monopropylene glycol methyl ether
Species:	Rabbit
Route of exposure:	Dermal
Test:	LD50
Result:	2000 mg/kg

Product/substance	1-methoxy-2-propanol;monopropylene glycol methyl ether
Species:	Rat
Route of exposure:	Inhalation
Test:	LC50
Result:	6 mg/L

Product/substance	Dodecylbenzenesulphonic acid, compound with isopropylamine (1:1)
Species:	Rat
Route of exposure:	Oral
Test:	LD50

Result:	20000 mg/kg
Product/substance	Dodecylbenzenesulphonic acid, compound with isopropylamine (1:1)
Species:	Rat
Route of exposure:	Inhalation
Test:	LD50
Result:	590 mg/m ³
Product/substance	2,2'-iminodiethanol;diethanolamine
Test method:	OECD 401
Species:	Rat
Route of exposure:	Oral
Test:	LD50
Result:	1600 mg/kg
Product/substance	2,2'-iminodiethanol;diethanolamine
Species:	Rabbit
Route of exposure:	Dermal
Test:	LD50
Result:	8200 mg/kg
Product/substance	2,2'-iminodiethanol;diethanolamine
Species:	Rat
Route of exposure:	Inhalation
Test:	LC0
Result:	3.35 mg/L
Product/substance	Glycerol
Species:	Rat
Route of exposure:	Oral
Test:	LD50
Result:	5001 mg/kg
Product/substance	Glycerol
Species:	Mouse
Route of exposure:	Oral
Test:	LD50
Result:	23000 mg/kg
Product/substance	Glycerol
Species:	Rat
Route of exposure:	Inhalation
Test:	LC50 (vapour)
Result:	2.751 mg/L
Product/substance	Amines, C10-16-alkyldimethyl, N-oxides
Test method:	OECD 402
Species:	Rat
Route of exposure:	Dermal
Test:	LD50
Result:	2000 mg/kg
Product/substance	Propane-1,2-diol
Species:	Rat
Route of exposure:	Oral
Test:	LD50
Result:	22,000 mg/kg

Product/substance	Propane-1,2-diol
Species:	Rabbit
Route of exposure:	Dermal
Test:	LD50
Result:	2001 mg/kg

Product/substance	Propane-1,2-diol
Species:	Rat
Route of exposure:	Inhalation
Test:	LC50
Result:	317.042 mg/kg

Based on available data, the classification criteria are not met.

Skin corrosion/irritation

Product/substance	Amines, C10-16-alkyldimethyl, N-oxides
Test method:	OECD 404
Species:	Rabbit
Result:	Adverse effect observed (Irritating)

Causes skin irritation.

Serious eye damage/irritation

Product/substance	Amines, C10-16-alkyldimethyl, N-oxides
Test method:	OECD 405
Species:	Rabbit
Result:	Adverse effect observed (Causes serious eye damage)

Causes serious eye damage.

Respiratory sensitisation

Based on available data, the classification criteria are not met.

Skin sensitisation

Product/substance	Amines, C10-16-alkyldimethyl, N-oxides
Test method:	OECD 406
Species:	Guinea pig
Result:	No adverse effect observed (not sensitising)

May cause an allergic skin reaction.

Germ cell mutagenicity

Product/substance	Amines, C10-16-alkyldimethyl, N-oxides
Test method:	OECD 471
Conclusion:	No adverse effect observed

Product/substance	Amines, C10-16-alkyldimethyl, N-oxides
Test method:	OECD 475
Species:	Mouse
Conclusion:	No adverse effect observed

Based on available data, the classification criteria are not met.

Carcinogenicity

May cause cancer by inhalation.

Quartz (SiO₂) has been classified by IARC as a group 1.

(R)-p-mentha-1,8-diene;d-limonene has been classified by IARC as a group 3.

Reproductive toxicity

Product/substance	Amines, C10-16-alkyldimethyl, N-oxides
Test method:	OECD 422
Species:	Rat
Result:	100 mg/kg bw/day
Conclusion:	No adverse effect observed

Based on available data, the classification criteria are not met.

STOT-single exposure

Based on available data, the classification criteria are not met.

STOT-repeated exposure

Causes damage to organs through prolonged or repeated exposure.

May cause damage to organs through prolonged or repeated exposure.

Aspiration hazard

Based on available data, the classification criteria are not met.

Long term effects

Carcinogenic effects: This product contains substances considered or proven to be carcinogenic. The carcinogenic effects may be triggered subsequent to exposure through inhalation, skin contact or ingestion. The product contains substances that cause serious eye damage. Contact with these substances can cause irreversible effects on the eye / serious eye damage.

SECTION 12: ECOLOGICAL INFORMATION**12.1. Toxicity**

Product/substance	Sulfuric acid, mono-C12-14-alkyl esters, sodium salts
Species:	Fish, <i>Oncorhynchus mykiss</i>
Duration:	96 hours
Test:	LC50
Result:	3.6 mg/L

Product/substance	Sulfuric acid, mono-C12-14-alkyl esters, sodium salts
Species:	Daphnia, <i>Daphnia magna</i>
Duration:	48 hours
Test:	EC50
Result:	4.7 mg/L

Product/substance	Sulfuric acid, mono-C12-14-alkyl esters, sodium salts
Species:	Algae, <i>Desmodesmus subspicatus</i>
Duration:	72 hours
Test:	EC50
Result:	20.1 mg/L

Product/substance	Sulfuric acid, mono-C12-14-alkyl esters, sodium salts
Species:	Fish, <i>Pimephales promelas</i>
Test:	NOEC
Result:	1357 mg/L

Product/substance	Sulfuric acid, mono-C12-14-alkyl esters, sodium salts
Species:	Algae, <i>Desmodesmus subspicatus</i>
Duration:	72 hours
Test:	EC50
Result:	5.4 mg/L

Product/substance	Sulfuric acid, mono-C12-14-alkyl esters, sodium salts
Species:	Algae, <i>Desmodesmus subspicatus</i>
Duration:	72 hours
Test:	EC10
Result:	5.4 mg/L

Product/substance	Sulfuric acid, mono-C12-14-alkyl esters, sodium salts
Species:	Crustacean, <i>Ceriodaphnia dubia</i>
Duration:	7 days

Test:	NOEC
Result:	0.508 mg/L
Product/substance	1-methoxy-2-propanol;monopropylene glycol methyl ether
Species:	Fish
Duration:	96 hours
Test:	LC50
Result:	6812 mg/L
Product/substance	1-methoxy-2-propanol;monopropylene glycol methyl ether
Species:	Daphnia
Duration:	48 hours
Test:	EC50
Result:	23300 mg/L
Product/substance	1-methoxy-2-propanol;monopropylene glycol methyl ether
Species:	Algae
Duration:	72 hours
Test:	IC50
Result:	1000 mg/L
Product/substance	Glycerol
Species:	Fish, Oncorhynchus mykiss
Duration:	96 hours
Test:	LC50
Result:	54000 mg/L
Product/substance	Glycerol
Species:	Daphnia, Daphnia magna
Duration:	48 hours
Test:	EC50
Result:	1955 mg/L
Product/substance	Propane-1,2-diol
Species:	Daphnia
Duration:	48 hours
Test:	EC50
Result:	43,500 mg/L
Product/substance	Propane-1,2-diol
Test method:	OECD 203
Species:	Fish, Oncorhynchus mykiss
Duration:	96 hours
Test:	LC50
Result:	40,613 mg/L
Product/substance	Propane-1,2-diol
Test method:	OECD 202
Species:	Daphnia, Ceriodaphnia dubia
Duration:	48 hours
Test:	LC50
Result:	18,340 mg/L
Product/substance	Propane-1,2-diol
Test method:	OECD 201
Species:	Algae, Pseudokirchneriella subcapitata
Duration:	96 hours

Result: 19000 mg/L

Product/substance: Propane-1,2-diol
Species: Bacteria, Pseudomonas putida
Duration: 18 hours
Test: NOEC
Result: 20001 mg/L

Product/substance: Propane-1,2-diol
Species: Daphnia, Ceriodaphnia dubia
Duration: 7 days
Test: NOEC
Result: 13020 mg/L

Based on available data, the classification criteria are not met.

12.2. Persistence and degradability

Product/substance: Sulfuric acid, mono-C12-14-alkyl esters, sodium salts
Result: 75.7 %
Conclusion: Readily biodegradable
Test: OECD 301 B

Product/substance: Sulfuric acid, mono-C12-14-alkyl esters, sodium salts
Duration: 28 days
Result: 90.1 %
Conclusion: -
Test: OECD 301 D

Product/substance: Glycerol
Duration: 24 hours
Result: 94 %
Conclusion: Readily biodegradable

Product/substance: Propane-1,2-diol
Duration: 28 days
Result: 81.7 %
Conclusion: -
Test: OECD 301 F

12.3. Bioaccumulative potential

Product/substance: Glycerol
LogKow: -1.76
Conclusion: -

Product/substance: Propane-1,2-diol
BCF: 0.09
LogKow: -1.07
Conclusion: -

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

This mixture/product does not contain any substances known to fulfil the criteria for PBT and vPvB classification.

12.6. Other adverse effects

None known.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste treatment methods

Dispose of contents/container to an approved waste disposal plant.

Specific labelling

Contaminated packing

Packaging containing residues of the product must be disposed of similarly to the product.

SECTION 14: TRANSPORT INFORMATION

:	14.1 UN / ID ***:	14.2 UN proper shipping name:	14.3 Hazard class(es):	14.4 PG*:	14.5 Env**:	Other information::
ADG	UN3082	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. ((R)-p-mentha- 1,8-diene;d-limonene)	Transport hazard class: 9 Label: 9 Classification code: M6 	III	No	Limited quantities: 5 L Tunnel restriction code: (-) See below for additional information.
IMDG	UN3082	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. ((R)-p-mentha- 1,8-diene;d-limonene)	Transport hazard class: 9 Label: 9 Classification code: M6 	III	No	Limited quantities: 5 L EmS: F-A S-F See below for additional information.
IATA	UN3082	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. ((R)-p-mentha- 1,8-diene;d-limonene)	Transport hazard class: 9 Label: 9 Classification code: M6 	III	No	See below for additional information.

* Packing group

** Environmental hazards

Additional information

These substances when carried in single or combination packaging's containing a net quantity per single or inner packaging of 5 L or less for liquids or having a net mass per single or inner packaging of 5 kg or less for solids, are not subject to any other provisions of ADR/ADN/RID/IMDG/IATA provided the packaging's meet the general provisions of 4.1.1.1, 4.1.1.2, 4.1.1.4 - 4.1.1.8 (ADR, IMDG) / 5.0.2.4.1, 5.0.2.6.1.1, 5.0.2.8 (IATA).

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ADR/ADN/RID / See Table A, section 3.2.1 for any information on special provisions, requirements, or warnings in connection with transport. See section 5.4.3, for instructions in writing regarding mitigation of damages in relation to incidents or accidents during transport.

IMDG / See section 3.2.1, for any information on special provisions, requirements, or warnings in connection with transport.

IATA / See Table 4.2 for any information on special provisions, requirements, or warnings in connection with transport.

Hazchem Code: ●3Z

14.6. Special precautions for user

Not applicable.

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

No data available.

SECTION 15: REGULATORY INFORMATION

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

Restricted to professional users.
People under the age of 18 shall not be exposed to this product.
Pregnant women and women breastfeeding must not be exposed to this product. The risk, and possible technical precautions or design of the workplace needed to eliminate exposure, must be considered.

Demands for specific education:

No specific requirements.

Control of major hazard facilities:

Not applicable.

Additional information:

Not applicable.

The Australian Inventory of Industrial Chemicals (AIIC):

Amides, coco, N,N-bis(hydroxyethyl) is listed
Sulfuric acid, mono-C12-14-alkyl esters, sodium salts is listed
Kieselguhr, soda ash flux-calcined is listed
Cristobalite is listed
(R)-p-mentha-1,8-diene;d-limonene is listed
1-methoxy-2-propanol;monopropylene glycol methyl ether is listed
Dodecylbenzenesulphonic acid, compound with isopropylamine (1:1) is listed
2,2'-iminodiethanol;diethanolamine is listed
Quartz (SiO₂) is listed
Glycerol is listed
Amines, C10-16-alkyldimethyl, N-oxides is listed
Propane-1,2-diol is listed
reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) is listed

SUSMP:

No Poison Schedule Allocated

Sources:

Model Work Health and Safety Regulations as at 1 January 2021.

15.2. Chemical safety assessment

No

SECTION 16: OTHER INFORMATION**Full text of H-phrases as mentioned in section 3**

AUH071, Corrosive to the respiratory tract.
H226, Flammable liquid and vapour.
H301, Toxic if swallowed.
H302, Harmful if swallowed.
H304, May be fatal if swallowed and enters airways.
H310, Fatal 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.
H330, Fatal if inhaled.
H336, May cause drowsiness or dizziness.
H350i, May cause cancer by inhalation.
H372, Causes damage to organs through prolonged or repeated exposure.

The full text of identified uses as mentioned in section 1

None known.

Abbreviations and acronyms

ADG = The Australian Code for the Transport of Dangerous Goods by Road & Rail
AICIS = Australian Industrial Chemicals Introduction Scheme
AIIC = Australian Inventory of Industrial Chemicals
AS = Australian Standard
AS/NZS = Australian New Zealand Standard
ATE = Acute Toxicity Estimate
AUH = Hazard statements specific for Australia
BCF = Bioconcentration Factor
CAS = Chemical Abstracts Service
EINECS = European Inventory of Existing Commercial chemical Substances
GHS = Globally Harmonized System of Classification and Labelling of Chemicals
Hazchem = Hazardous chemicals
IARC = International Agency for Research on Cancer
IATA = International Air Transport Association
IMDG = International Maritime Dangerous Goods
LogKow = logarithm of the n-octanol/water coefficient
MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. (""Marpol"" = marine pollution)
NICNAS = National Industrial Chemicals Notification and Assessment Scheme (replaced by AICIS since 2020)
OECD = Organisation for Economic Co-operation and Development
PBT = Persistent, Bioaccumulative and Toxic
RCM = Regulatory Mark of Conformity
RID = The Regulations concerning the International Carriage of Dangerous Goods by Rail
SCL = A specific concentration limit
STEL = Short-term exposure limits
STOT-RE = Specific Target Organ Toxicity - Repeated Exposure
STOT-SE = Specific Target Organ Toxicity - Single Exposure
SUSMP = Standard for the Uniform Scheduling of Medicines and Poisons
TWA = Time weighted average
UN = United Nations
UVCB = Unknown or variable composition, complex reaction products or of biological materials
VOC = Volatile Organic Compound
vPvB = Very Persistent and Very Bioaccumulative
WHS = Work Health and Safety Regulations

Additional information

A safety data sheet is not required for this product. This safety data sheet has been created on a voluntary basis to distribute relevant information.

The classification of the mixture in regard of health hazards is in accordance with the calculation methods given by the Work Health and Safety Regulations.

The safety data sheet is validated by

Adrian

Other

A change (in proportion to the last essential change (first cipher in SDS version, see section 1)) is marked with a triangle.

The information in this safety data sheet applies only to this specific product (mentioned in section 1) and is not necessarily correct for use with other chemicals/products.

It is recommended to hand over this safety data sheet to the actual user of the product. Information in this safety data sheet cannot be used as a product specification.

Country-language: AU-en