

TRULUX SAFETY DATA SHEET

Provides critical information about hazardous chemicals.

1.1 COMPANY IDENTIFICATION

Company's Name: Trulux Pty Ltd
Email address: info@trulux.com.au
Website: www.trulux.com.au
Contact number: +61 (02) 9975 2655
Address: C3/ 1-3 Rodborough Rd, Frenchs Forest NSW 2086 Australia

1.2 PRODUCT IDENTIFICATION

Trade name: Glyceryl Stearate SE
Reference number: RMTR-0620A
Classification: Refer to clause 2

1.3 RELEVANT IDENTIFIED USES OF THE SUBSTANCE OR MIXTURE AND USES ADVISED AGAINST

Identified uses: Raw Material
Uses advised against: No further information available.

1.4 DETAILS OF THE SUPPLIER OF THE SUBSTANCE INFORMATION SHEET

Supplier's Company: Trulux Pty Ltd
Website: www.trulux.com.au
Address: C3/ 1-3 Rodborough Rd, Frenchs Forest NSW 2086 Australia

Trade Name: Glyceryl Stearate SE

TR Ref. Number: RMTR-0620A

Doc: RMSDS - Glyceryl Stearate SE

Rev.: 03

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1.5 EMERGENCY CONTACTS – INSTITUTIONAL CENTRES

Australia Poisons Information Centre 13 11 26

2 HAZARD IDENTIFICATION

Classification of the substance and mixture: No need for classification according to GHS criteria for this product.

Label elements and precautionary statement: The product does not require a hazard warning label in accordance with GHS criteria.

Other hazards which do not result in classification: Fine dust can form an inflammable mixture together with air.

3 COMPOSITION/ INFORMATION ON INGREDIENTS

Chemical Nature:

Blend based on: Glycerides, C14-18 mono- and di-, Octadecanoic acid, potassium salt, glycerol

4 FIRST AID MEASURES

General advice: If adverse health effects develop seek medical attention.

Inhalation: No further information available.

Ingestion: Rinse mouth and then drink 200-300 ml of water.

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Skin contact:	After contact with skin, wash immediately with plenty of water
Eye contact:	In case of contact with the eyes, rinse immediately for at least 15 minutes with plenty of water. Seek medical attention.
Most important symptoms and effects, both acute and delayed (if relevant):	Symptoms: The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11. Hazards: No hazard is expected under intended use and appropriate handling.
Indication of any immediate medical attention and special treatment needed:	Treatment: Treat according to symptoms (decontamination, vital functions), no known specific antidote.

5 FIRE FIGHTING MEASURES

Suitable extinguishing media:	In case of fire, use water spray, foam, dry chemical.
Not suitable extinguishing media:	Carbon dioxide.
Special hazards arising from the substance or mixture:	harmful vapours Evolution of fumes/fog. The substances/groups of substances mentioned can be released in case of
Advice for firefighters	Wear a self-contained breathing apparatus. Dispose of fire debris and contaminated extinguishing water in accordance with official regulations.

6 ACCIDENTAL RELEASE MEASURES

Personal precautions:	Use personal protective clothing. Avoid dust formation.
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Environmental precautions:	Do not discharge into drains/surface waters/groundwater.
Methods for cleaning up:	
- Cleaning/ decontamination	For small amounts: Pick up with suitable appliance and dispose of. For large amounts: Contain with dust binding material and dispose of.
- Disposal	Dispose of absorbed material in accordance with regulations.

7 HANDLING AND STORAGE

Precautions for safe handling:

- | | |
|---|--|
| 1- General protective measures: | 1- Handle in accordance with good industrial hygiene and safety practice. |
| 2- Measures to prevent Fire: | 2- Avoid dust formation. Take precautionary measures against static discharges. Avoid all sources of ignition: heat, sparks, open flame. |
| - Conditions for safe storage, including any incompatibilities: | Suitable materials for containers: High density polyethylene (HDPE).
Further information on storage conditions: Keep container tightly closed and dry; store in a cool place.
Please refer to the product specific data sheet for further information.
Storage temperature: ≤ 30 °C
Protect against moisture. |

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8 EXPOSURE CONTROLS AND PERSONAL PROTECTION

Components with occupational exposure limits

glycerol, 56-81-5;	TWA value 10 mg/m ³ (AU NOEL), Inhalable mist This value is for inhalable dust containing no asbestos and < 1% crystalline silica. TWA value 10 mg/m ³ (OEL (AU)), Inhalable dust
Octadecanoic acid, potassium salt, 593-29-3;	TWA value 10 mg/m ³ (AU NOEL), Inhalable dust This value is for inhalable dust containing no asbestos and < 1% crystalline silica. TWA value 10 mg/m ³ (OEL (AU)), Inhalable dust TWA value 10 mg/m ³ (ACGIHTLV), Inhalable fraction TWA value 3 mg/m ³ (ACGIHTLV), Respirable fraction

Exposure Controls:

- General Industrial Hygiene Practices
Handle in accordance with good industrial hygiene and safety practice. No eating, drinking, smoking or tobacco use at the place of work. Handle in accordance with good industrial hygiene and safety practice.
- General Respiratory Protection
Breathing protection if dusts are formed.
- General Body Protection
Body protection must be chosen depending on activity and possible exposure, e.g. apron, protecting boots, chemical-protection suit (according to EN 14605 in case of splashes or EN ISO 13982 in case of dust).
- General Hand Protections Measurements
Suitable are protective gloves with the following specification. The recommendation is valid for laboratory conditions, specific

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workplace conditions must be taken into consideration separately.

Suitable materials also with prolonged, direct contact (Recommended: Protective index 6, corresponding > 480 minutes of permeation time according to EN 374): nitrile rubber (NBR) - 0.2 mm coating thickness

- General Eye Protection Measures Safety glasses with side-shields (frame goggles) (e.g. EN 166)
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9 PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical State:	granules
Colour:	yellowish
Odour:	almost odourless
Melting Range:	56 - 61 °C
Flash Point:	> 190.0 °C
Evaporation Rate:	The product is a non-volatile solid.
Flammability (solid/gas):	not flammable
Lower/Upper explosion limit:	For solids not relevant for classification and labelling.
Thermal Decomposition:	No decomposition if stored and handled as prescribed/indicated.
Self Heating Ability:	It is not a substance capable of spontaneous heating.
Density:	0.91 - 0.93 g/cm ³ @ 60 °C
Bulk Density:	approx. 480 - 580 kg/m ³

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Water solubility:	emulsifiable
Solubility (qualitative) solvent(s):	distilled water, emulsifiable
Viscosity, dynamic:	56 mPa.s @ 70 °C
Viscosity, kinematic:	61 mm ² /s @ 70 °C
Fire promoting properties:	not fire-propagating
Explosive properties:	not explosive

10 STABILITY AND REACTIVITY

Possibility of Hazardous:	None if used for intended purpose.
Hazardous Decomposition Products:	No hazardous decomposition products if stored and handled as prescribed/indicated.
Thermal Decomposition:	No decomposition if stored and handled as prescribed/indicated.
Conditions to Avoid:	See MSDS section 7 - Handling and storage.
Incompatible Materials:	No substances known that should be avoided.

11 TOXICOLOGICAL INFORMATION

Acute Toxicity:	Virtually nontoxic after a single ingestion. Experimental/calculated data: LD50 (oral): > 2,000 mg/kg
Irritation:	Not irritating to the eyes. Not irritating to the skin.
Respiratory/Skin sensitization:	There is no evidence of a skin-sensitizing potential.

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Germ cell mutagenicity:	The chemical structure does not suggest a specific alert for such an effect.
Carcinogenicity:	The chemical structure does not suggest a specific alert for such an effect.
Reproductive toxicity:	The chemical structure does not suggest a specific alert for such an effect.
Specific target organ toxicity (single exposure):	Based on available Data, the classification criteria are not met.
Repeated dose toxicity and Specific target organ toxicity (repeated exposure):	The information available on the product provides no indication of toxicity on target organs after repeated exposure.
Aspiration hazard:	No aspiration hazard expected.
Other relevant toxicity information:	The product has not been tested. The statements on toxicology have been derived from the properties of the individual components.

12 ECOLOGICAL INFORMATION

Ecotoxicity: The product has not been tested. The statement has been derived from the properties of the individual components.

- Toxicity LC50 > 100 mg/l
- Microorganisms/Effect on activated sludge: EC0 > 100 mg/l

Persistence and degradability: Assessment biodegradation and elimination (H₂O):
Readily biodegradable (according to OECD criteria).

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13 DISPOSAL CONSIDERATIONS

Waste treatment methods: The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.

14 TRANSPORT INFORMATION

Domestic transport: Not classified as a dangerous good under transport regulations

Sea transport
IMDG Not classified as a dangerous good under transport regulations

Air transport
IATA/ICAO Not classified as a dangerous good under transport regulations

15 REGULATORY AND OTHER INFORMATION

Safety, health and environmental regulations specific for the mixture or substance:

Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP)

Not Scheduled.

Registration Status

AICS, AU released / listed

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16 OTHER INFORMATION

When handled properly by qualified personnel, the product described herein does not present a significant health or safety hazard. Alteration of its characteristics by concentration, evaporation, addition or other substances, or other means may present hazards not specifically addressed herein and which must be evaluated by the user.

This sheet completes the technical sheets but it does not replace them. The information furnished herein is believed to be accurate and represents the best data currently available to us. No warranty, expressed or implied is made and Trulux Pty Ltd assumes no legal responsibility or liability whatsoever resulting from its use. This does not in any way excuse the user from knowing and applying all the regulations governing his activity. It is the sole responsibility of the user to take all precautions required in handling the product.

This listing must not be considered exhaustive. It does exonerate the user from ensuring that other legal obligations than those mentioned do not exist, relating to the use and storage of the product for which he solely is responsible.

The information and recommendations contained herein are to the best of the manufacturer's knowledge and belief accurate and reliable as of the date indicated. No representation warranty or guarantee, however, is made with regard to accuracy, reliability or completeness. Conditions of use of the material are under the control of the user; therefore, it is the user's responsibility to satisfy itself as to the suitability and completeness of such information for its own particular use.

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