

TRULUX SAFETY DATA SHEET

Provides critical information on hazardous substances or mixtures.

1.1 COMPANY IDENTIFICATION

Company's name:	Trulux Pty Ltd
Email address:	info@trulux.com.au
Website:	www.trulux.com.au
Contact number:	+61 2 5566 0566

1.2 PRODUCT IDENTIFICATION

Trade name:	Glyceryl Oleate
SKU:	RMTR-1126A
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 name:	Trulux Pty Ltd
Website:	www.trulux.com.au
Address:	C3/ 1-3 Rodborough Road, Frenchs Forest NSW 2086 Australia

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1.5 EMERGENCY CONTACTS - INSTITUTIONAL CENTRES

Australia

Poisons Information Centre 13 11 26

2 HAZARDS IDENTIFICATION

Classification of the substance or mixture

According to Regulation (EC) No 1272/2008 [CLP]

No need for classification according to GHS criteria for this product.

Label elements

Globally Harmonized System, EU (GHS)

The product does not require a hazard warning label in accordance with GHS criteria.

Other Hazards

According to Regulation (EC) No 1272/2008 [CLP]

High risk of slipping due to leakage/spillage of product. The product does not contain a substance fulfilling the PBT (persistent/bioaccumulative/toxic) criteria or the vPvB (very persistent/very bioaccumulative) criteria.

3 COMPOSITION/ INFORMATION ON INGREDIENTS

Chemical Nature	CAS Number
Glycerides, C16-18 and C18-unsatd. mono- and di-	68424-61-3

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4 FIRST AID MEASURES

First Aid Measures

Remove contaminated clothing.

Inhalation

Keep patient calm, remove to fresh air.

Skin Contact

Wash thoroughly with soap and water.

Eye Contact

Wash affected eyes for at least 15 minutes under running water with eyelids held open.

Ingestion

Rinse mouth and then drink plenty of water.

Most important symptoms and effects, both acute and delayed

Symptoms: No significant symptoms are expected due to the non-classification of the product.

Indication of any immediate medical attention and special treatment needed

Treatment: Symptomatic treatment (decontamination, vital functions).

5 FIRE FIGHTING MEASURES

Suitable extinguishing media

Carbon dioxide, foam, dry powder, water spray.

Special hazards arising from the substance or mixture

Carbon oxides, harmful vapours.

The substances/groups of substances mentioned can be released in case of fire.

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Advice for fire-fighters

Special protective equipment

Wear self-contained breathing apparatus and chemical-protective clothing.

Further Information

Dispose of fire debris and contaminated extinguishing water in accordance with official regulations. Cool endangered containers with water-spray.

6 ACCIDENTAL RELEASE MEASURES

Personal precautions

Use personal protective clothing.

Environmental precautions

Do not discharge into drains/surface waters/groundwater.

Methods and material for containment and cleaning up

Pick up with suitable appliance and dispose of. Dispose of absorbed material in accordance with regulations.

7 HANDLING AND STORAGE

Precautions for safe handling

No special measures necessary provided product is used correctly.

Protection against fire and explosion:

The product is neither self-ignitable, nor an explosion hazard, nor does it promote fires. No special precautions necessary.

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Conditions for safe storage, including any incompatibilities

Suitable materials for containers: glass, High density polyethylene (HDPE), Galvanised carbon steel (Zinc), Carbon steel (Iron)

Further information on storage conditions: Keep container tightly closed and dry; store in a cool place.

8 EXPOSURE CONTROLS AND PERSONAL PROTECTION

Control Parameters

Components with occupational exposure limits

No occupational exposure limits known.

Personal protective equipment

Respiratory Protection

Respiratory protection not required.

Hand Protection

Chemical resistant protective gloves (EN 374).

Eye Protection

Safety glasses with side-shields (frame goggles) (e.g. EN 166).

Body Protection

Chemical protection overall (f.e. according to EN 13982) if dust is formed.

General safety and hygiene measures

Handle in accordance with good industrial hygiene and safety practice. Wearing of closed work clothing is recommended. No eating, drinking, smoking or tobacco use at the place of work. Hands and/or face should be washed before breaks and at the end of the shift. Store work clothing separately.

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9 PHYSICAL AND CHEMICAL PROPERTIES

Form:	Solid, paste
Colour:	Slightly yellowish
Melting point:	approx. 40 °C
Evaporation Rate:	Negligible
Flash Point:	205 °C
Flammability:	Not highly flammable.
Lower / Upper explosion limit:	For solids not relevant for classification and labelling.
Density:	0.98 g/cm ³ (20 °C)
Relative Density:	0.98 (20 °C)
Relative vapour density (air):	Negligible
Water solubility:	Emulsifiable
Solubility (qualitative) solvent(s):	Distilled water - insoluble
Thermal decomposition:	No decomposition if stored and handled as prescribed/indicated.
Explosive properties:	Not explosive
Fire promoting properties:	Not fire-propagating
Self heating ability:	Not tested on account of the low melting-point.
pH:	4 - 5 (methanol/water, 20 °C)

10 STABILITY AND REACTIVITY

Reactivity

No hazardous reactions if stored and handled as prescribed/indicated.

Chemical Stability

The product is stable if stored and handled as prescribed/indicated.

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Possibility of Hazardous Reactions

No hazardous reactions if stored and handled as prescribed/indicated.

Incompatible Materials

No substances known that should be avoided.

Hazardous decomposition products

No hazardous decomposition products if stored and handled as prescribed/indicated.

11 TOXICOLOGICAL INFORMATION

Acute Toxicity

Virtually nontoxic after a single ingestion. Virtually nontoxic by inhalation. Virtually nontoxic after a single skin contact. The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.

Irritation

Not irritating to the skin. Not irritating to the eyes. The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.

Respiratory/Skin sensitization

Skin sensitising effects were not observed in animal studies. The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.

Germ cell mutagenicity

The substance was not mutagenic in bacteria. The substance was not mutagenic in mammalian cell culture. The substance was not mutagenic in studies with mammals. The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.

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Reproductive toxicity

The results of animal studies gave no indication of a fertility impairing effect. The results were determined in a Screening test (OECD 421/422). The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.

Developmental toxicity

Animal studies gave no indication of a developmental toxic effect at doses that were not toxic to the parental animals. The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.

Specific target organ toxicity (single exposure)

Based on the available information there is no specific target organ toxicity to be expected after a single exposure.

Repeated dose toxicity and Specific target organ toxicity (repeated exposure)

Repeated oral uptake of the substance did not cause substance-related effects. Repeated dermal uptake of the substance did not cause substance-related effects. The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.

12 ECOLOGICAL INFORMATION

Toxicity

Assessment of aquatic toxicity

There is a high probability that the product is not acutely harmful to aquatic organisms. The inhibition of the degradation activity of activated sludge is not anticipated when introduced to biological treatment plants in appropriate low concentrations.

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

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Toxicity to fish:

LC0 3.000 mg/l, Leuciscus idus (OECD 203; ISO 7346; 92/69/EEC, C.1)

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Microorganisms/Effect on activated sludge:

EC0 (30 min) 10.000 mg/l, Pseudomonas putida (DIN 38412 Part 27 (draft), aerobic)

Persistence and degradability

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

Other adverse effects

The product does not contain substances that are listed in Regulation (EC) 1005/2009 on substances that deplete the ozone layer.

13 DISPOSAL CONSIDERATIONS

Waste treatment methods

Observe national and local legal requirements.

14 TRANSPORT INFORMATION

Land transport

ADR:	Not classified as a dangerous good under transport regulations.
UN number:	Not applicable.
UN proper shipping name:	Not applicable.
Transport hazard class(es):	Not applicable.
Packing group:	Not applicable.
Environmental hazards:	Not applicable.
Special precautions for user:	None known.

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RID:	Not classified as a dangerous good under transport regulations.
UN number:	Not applicable.
UN proper shipping name:	Not applicable.
Transport hazard class(es):	Not applicable.
Packing group:	Not applicable.
Environmental hazards:	Not applicable.
Special precautions for user:	None known.

Inland waterway transport

ADN:	Not classified as a dangerous good under transport regulations.
UN number:	Not applicable.
UN proper shipping name:	Not applicable.
Transport hazard class(es):	Not applicable.
Packing group:	Not applicable.
Environmental hazards:	Not applicable.
Special precautions for user:	None known.

Transport in inland waterway vessel

Not evaluated.

Sea transport

IMDG:	Not classified as a dangerous good under transport regulations.
UN number:	Not applicable.
UN proper shipping name:	Not applicable.
Transport hazard class(es):	Not applicable.
Packing group:	Not applicable.
Environmental hazards:	Not applicable.
Special precautions for user:	None known.

Air transport

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IATA/ICAO:	Not classified as a dangerous good under transport regulations.
UN number:	Not applicable.
UN proper shipping name:	Not applicable.
Transport hazard class(es):	Not applicable.
Packing group:	Not applicable.
Environmental hazards:	Not applicable.
Special precautions for user:	None known.

Transport in bulk according to Annex II of MARPOL and the IBC Code

Regulation:	Not evaluated.
Shipment approved:	Not evaluated.
Pollution name:	Not evaluated.
Pollution category:	Not evaluated.
Ship Type:	Not evaluated.

15 REGULATORY AND OTHER INFORMATION

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

Chemical Safety Assessment

Product is not classified as hazardous.

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

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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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