

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: 1,2-Hexanediol (and) Caprylyl Glycol
Reference number: RMTR-0466A
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

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1.5 EMERGENCY CONTACTS – INSTITUTIONAL CENTRES

Australia

Poisons Information Centre 13 11 26

2 HAZARDS IDENTIFICATION

Classification (REGULATION (EC) No 1272/2008)

Eye irritation, Category 2 H319

Labelling (REGULATION (EC) No 1272/2008)

Hazard pictograms



Signal word:

Warning

Hazard statements:

H319 Causes serious eye irritation.

Precautionary statements - Prevention:

P264 Wash skin thoroughly after handling.

P280 Wear protective gloves/protective clothing / eye protection / face protection.

Precautionary statements - Response:

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

P337 + P313 If eye irritation persists: Get medical advice/attention.

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3 COMPOSITION/ INFORMATION ON INGREDIENTS

Chemical Name	CAS-No. EC-No. Registration number	Classification (REGULATION (EC) No 1272/2008)	Concentration (%)
Octane-1,2-diol	1117-86-8 214-254-7 01-2119966905-22-0002	Eye Irrit.: 2; H319	50 - 100
DL-hexane-1,2-diol	6920-22-5 230-029-6	Eye Irrit.: 2; H319	25 - 50

Full text of H-Statements

H319 Causes serious eye irritation.

4 FIRST AID MEASURES

General Advice:	Move out of dangerous area. Never give anything by mouth to an unconscious person.
Inhalation:	Move to fresh air.
Ingestion:	Clean mouth with water and drink afterwards plenty of water. Prevent vomiting if possible. If a person vomits when lying on his back, place him in the recovery position. Never give anything by mouth to an unconscious person.
Skin contact:	If skin irritation persists, call a physician. Wash off immediately with plenty of water for at least 15 minutes.
Eye contact:	Protect unharmed eye. Irrigate copiously with clean, fresh water for at least 10 minutes, holding the eyelids apart. Remove contact lenses.

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5 FIRE FIGHTING MEASURES

Suitable extinguishing media:	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Unsuitable extinguishing media:	High volume water jet.
Special hazards during fire fighting:	Do not use a solid water stream as it may scatter and spread fire.
Advice for firefighters	In the event of fire, wear self-contained breathing apparatus. In the event of fire and/or explosion do not breathe fumes. Use water spray to cool unopened containers.

6 ACCIDENTAL RELEASE MEASURES

Personal precautions:	Ensure adequate ventilation. Use personal protective equipment.
Environmental precautions:	No special environmental precautions required.

Methods and materials for containment and cleaning up

- | | |
|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| - Methods for Cleaning Up | Dam up. Wipe up with absorbent material (e.g. cloth, fleece). |
| - Additional Advice | Local authorities should be advised if significant spillages cannot be contained. Suppress (knock down) gases/vapours/mists with a water spray jet. |
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7 HANDLING AND STORAGE

Precautions for safe handling:

- | | |
|------------------|--------------------------------------|
| 1- Safe handling | 1- Avoid contact with skin and eyes. |
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2- Measures to prevent Fire:

2- When using do not smoke.

Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers:

Store in original container. Keep container tightly closed in a dry and well-ventilated place. To maintain product quality, do not store in heat or direct sunlight.

Advice on common storage:

No special restrictions on storage with other products.

Other data:

No decomposition if stored and applied as directed.

Specific end use(s):

Cosmetic ingredient

8 EXPOSURE CONTROLS AND PERSONAL PROTECTION

Control Parameters

None.

Engineering Measures:

None.

Personal Protective Equipment

- Hygiene Measures Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the product.
 - Protective Measures When using, do not eat, drink or smoke.
 - Respiratory Protection No personal respiratory protective equipment normally required.
 - Skin and Body Protection Lightweight protective clothing Remove and wash contaminated clothing before re-use.
 - Hand Protection Wear chemicals-resistant gloves, e.g. safety gloves of chloroprene Level 2 or of butyl rubber Level 6.
 - Eye Protection Safety glasses.
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9 PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Form	clear liquid
Colour:	colourless
Odour:	characteristic
Flash Point:	> 100 °C
Relative Density:	0,9350 - 0,9450 at 20 °C relation to density of water at 4°C
Water solubility:	immiscible
Vapour Pressure:	< 1 kPa at 50 °C calculated
Evaporation rate:	Lower than the evaporation rate of butyl acetate = 1
Auto-ignition temperature:	The substance or mixture is not classified as self heating.
Oxidizing properties:	The substance or mixture is not classified as oxidizing.
Explosive properties:	Due to its structural properties, the product is not classified as explosive.
Lower / Upper explosion limit:	Vapours may form explosive mixtures with air.

A final assessment of potential explosion hazards can only be made on a case-by-case basis when precise information is available on product handling, production setup and the circumstances surrounding the use of the product.

10 STABILITY AND REACTIVITY

Possibility of Hazardous Reactions:	No dangerous reaction known under conditions of normal use.
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11 TOXICOLOGICAL INFORMATION

Acute oral toxicity:	LD50 Oral Rat: > 2.000 mg/kg, OECD Test Guideline 401
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Skin irritation:	Rabbit: No skin irritation @ 20 %
Sensitisation:	Humans: No sensitizing effect. @ 20 %

12 ECOLOGICAL INFORMATION

Results of PBT and vPvB assessment

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

13 DISPOSAL CONSIDERATIONS

Waste treatment methods

Product:	Where possible recycling is preferred to disposal or incineration. If recycling is not practicable, dispose of in compliance with local regulations.
Contaminated packaging:	Empty remaining contents. Dispose of as unused product.

14 TRANSPORT INFORMATION

UN number

Not classified as dangerous in the meaning of transport regulations.

Proper shipping name

Not classified as dangerous in the meaning of transport regulations.

Transport hazard class

Not classified as dangerous in the meaning of transport regulations.

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Packing group

Not classified as dangerous in the meaning of transport regulations.

Environmental hazards

Not classified as dangerous in the meaning of transport regulations.

Special precautions for user

Not classified as dangerous in the meaning of transport regulations.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not classified as dangerous in the meaning of transport regulations.

15 REGULATORY AND OTHER INFORMATION

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

National legislation

Risk classification according to BetrSichV (Germany): Exempt

Water contaminating class (Germany): WGK 2 (obviously hazardous to water) Calculation acc. Annex 4 to VwVwS

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

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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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