

# TRULUX SAFETY DATA SHEET

Provides critical information on hazardous substances or mixtures.

## 1.1 COMPANY IDENTIFICATION

Company's name:	Trulux Pty Ltd
Email address:	<a href="mailto:info@trulux.com.au">info@trulux.com.au</a>
Website:	<a href="http://www.trulux.com.au">www.trulux.com.au</a>
Contact number:	+61 2 5566 0566

## 1.2 PRODUCT IDENTIFICATION

Trade name:	Polysorbate 80
SKU:	RMTR-0446B
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:	<a href="http://www.trulux.com.au">www.trulux.com.au</a>
Address:	C3/ 1-3 Rodborough Road, Frenchs Forest NSW 2086 Australia

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**Doc:** RMSDS - Polysorbate 80

**Issue date:** 14/02/2022  
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## 1.5 EMERGENCY CONTACTS - INSTITUTIONAL CENTRES

Australia Poisons Information Centre 13 11 26

## 2 HAZARDS IDENTIFICATION

### GHS classification in accordance with the Hazardous Products Regulations

Not a hazardous substance or mixture.

### GHS label elements

Not a hazardous substance or mixture.

## 3 COMPOSITION/ INFORMATION ON INGREDIENTS

No hazardous ingredients.

## 4 FIRST AID MEASURES

Inhalation:	If breathed in, move person into fresh air. If symptoms persist, call a physician.
Ingestion:	If large quantities of this material are swallowed, call a physician immediately.
Skin contact:	In case of contact, immediately flush skin with soap and plenty of water. If symptoms persist, call a physician.

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Eye contact: In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

## 5 FIRE FIGHTING MEASURES

Flash point: 275 °C. Method: Cleveland open cup.

Suitable extinguishing media: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Unsuitable extinguishing media: High volume water jet.

Specific hazards during firefighting: Do not use a solid water stream as it may scatter and spread fire.

Special protective equipment for firefighters: In the event of fire, wear self-contained breathing apparatus.

## 6 ACCIDENTAL RELEASE MEASURES

Personal precautions: Ensure adequate ventilation. Use personal protective equipment.

### Methods and materials for containment and cleaning up

Soak up with inert absorbent material. Sweep up and shovel into suitable containers for disposal.

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## 7 HANDLING AND STORAGE

### Advice on protection against fire and explosion

Normal measures for preventive fire protection.

### Advice on safe handling

Handle in accordance with good industrial hygiene and safety practice.

### Conditions for safe storage

Store in the original container. Keep the container tightly closed in a dry and well-ventilated place.

### Materials to avoid

No special restrictions on storage with other products.

### Further information on storage stability

Stable under recommended storage conditions.

## 8 EXPOSURE CONTROLS AND PERSONAL PROTECTION

### Components with workplace control parameters

Contains no substances with occupational exposure limit values.

### Personal protective equipment

#### **Respiratory Protection**

No personal respiratory protective equipment normally required.

#### **Hand Protection**

For prolonged or repeated contact use protective gloves.

#### **Eye Protection**

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Safety glasses with side-shields.

## Skin and Body Protection

Impervious clothing.

## Hygiene Measures

Handle in accordance with good industrial hygiene and safety practice.

## 9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Liquid
Colour:	Yellow
Odour:	Characteristic
Pour Point:	Approximately -20 °C
Boiling Point:	> 100 °C
Flash Point:	275 °C. Method: Cleveland open cup.
Relative Density:	Approximately 1.07
Water solubility:	Soluble
Solubility in other solvents:	Soluble. Solvent: isopropanol Soluble. Solvent: ethanol Insoluble. Solvent: mineral oil Insoluble. Solvent: vegetable oil Insoluble. Solvent: cottonseed oil
Viscosity, dynamic:	425 mPa.s
Viscosity, kinematic:	300 - 500 mm <sup>2</sup> /s ( 25 °C)
pH:	Neutral

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## 10 STABILITY AND REACTIVITY

Possibility of Hazardous Reactions:	No hazards to be specially mentioned. Stable under recommended storage conditions. Hazardous polymerisation does not occur.
Conditions to Avoid:	Avoid contact with skin, eyes and clothing.
Incompatible Materials:	Strong oxidizing agents.
Hazardous Decomposition Products:	In case of fire hazardous decomposition products may be produced such as: Carbon oxides

## 11 TOXICOLOGICAL INFORMATION

### **Acute toxicity - Product:**

#### **Acute oral toxicity**

LD50 (Rat): 20,000 mg/kg

Test substance: 100%

### **Skin corrosion/irritation - Product:**

Species: Rabbit

Exposure time: 72 h

Method: Draize

Test Result: Not irritating

Test substance: 100%

### **Serious eye damage/eye irritation - Product:**

Species: Rabbit

Result: Not irritating

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Exposure time: 168 h

Method: Draize Test

Test substance: 100%

## **Respiratory or skin sensitisation - Product:**

Species: Humans

Result: Patch test on human volunteers did not demonstrate sensitisation properties.

Test substance: 100%

## **12 ECOLOGICAL INFORMATION**

### **Ecotoxicity - Product:**

#### **Toxicity to fish**

LC50 (Oncorhynchus mykiss (rainbow trout)): 471 mg/l

Exposure time: 96 h

Test Type: static test

#### **Toxicity to daphnia and other aquatic invertebrates**

LC50 (Mysidopsis bahia): 165 mg/l

Exposure time: 96 h

Test Type: static test

#### **Toxicity to microorganisms**

IC0 (Pseudomonas putida): > 10,000 mg/l

### **Persistence and degradability - Product:**

#### **Biodegradability**

Test Type: static test

Biodegradation: 100 %

Exposure time: 100 d

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Test Type: (OECD 301B)

Result: Biodegradable

Biodegradation: 64 %

Exposure time: 29 d

Method: OECD Test Guideline 301B

GLP: yes

## Dissolved organic carbon (DOC)

52%

Method: (OECD 301C)

## 13 DISPOSAL CONSIDERATIONS

### Disposal methods

#### Waste from residues

Dispose of in accordance with local regulations.

#### Contaminated packaging

Empty remaining contents. Empty containers should be taken to an approved waste handling site for recycling or disposal.

## 14 TRANSPORT INFORMATION

### International Regulations

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

Not applicable for product as supplied.

### National Regulations

#### Special precautions for user

Not regulated for transport in accordance with DOT, TDG, IMDG, and IATA regulations.

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## 15 REGULATORY AND OTHER INFORMATION

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

### **The components of this product are reported in the following inventories:**

DSL: All components of this product are on the Canadian DSL.

ICS: On the inventory, or in compliance with the inventory.

ENCS: On the inventory, or in compliance with the inventory.

ISHL: On the inventory, or in compliance with the inventory.

KECI: On the inventory, or in compliance with the inventory.

PICCS: On the inventory, or in compliance with the inventory.

IECSC: On the inventory, or in compliance with the inventory.

TCSI: On the inventory, or in compliance with the inventory.

TSCA: All chemical substances in this product are listed on the TSCA Inventory.

## 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

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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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