

# TRULUX SAFETY DATA SHEET

Provides critical information about hazardous chemicals.

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## 1.1 COMPANY IDENTIFICATION

Company's Name: Trulux Pty Ltd  
Email address: [info@trulux.com.au](mailto:info@trulux.com.au)  
Website: [www.trulux.com.au](http://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: Polysorbate 20  
Reference number: RMTR-0326C  
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](http://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

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## 2 HAZARDS IDENTIFICATION

Classification of the substance or mixture:

EC regulation criteria 1272/2008 (CLP):

The product is not classified as dangerous according to Regulation EC 1272/2008 (CLP).

Adverse human health effects:

No other hazards.

Label elements

None.

- Hazard pictograms: None.
- Hazard statements: None.
- Precautionary statements: None.
- Special Provisions: None.
- Special provisions according to Annex XVII of REACH and subsequent amendments: None.

vPvB Substances:

None.

PBT Substances:

None.

Other Hazards:

No other hazards.

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## 3 COMPOSITION/ INFORMATION ON INGREDIENTS

Ingredient	CAS Number	Product Type and Use
Polysorbate 20	9005-64-5	Emulsifier

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## 4 FIRST AID MEASURES

Inhalation: Remove casualty to fresh air and keep warm and at rest.

Ingestion: Do not under any circumstances induce vomiting. OBTAIN A MEDICAL EXAMINATION IMMEDIATELY.

Skin contact: Wash with plenty of water and soap.

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

Most important symptoms and effects, both acute and delayed (if relevant):

None.

Indication of any immediate medical attention and special treatment needed:

None.

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## 5 FIRE FIGHTING MEASURES

Suitable extinguishing media: Water. Carbon dioxide (CO<sub>2</sub>).

Unsuitable extinguishing media: None in particular.

Special hazards arising from the substance or mixture: Do not inhale explosion and combustion gases. Burning produces heavy smoke.

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Advice for firefighters                      Use suitable breathing apparatus . Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Move undamaged containers from the immediate hazard area if it can be done safely.

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## 6 ACCIDENTAL RELEASE MEASURES

Personal precautions:                      Wear personal protection equipment. Remove persons to safety.

Environmental precautions:                Do not allow it to enter into soil/subsoil. Do not allow it to enter into surface water or drains. Retain contaminated washing water and dispose of it. In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities. Suitable material for taking up: absorbing material, organic, sand.

Methods and material for  
containment and cleaning up:              Wash with plenty of water.

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## 7 HANDLING AND STORAGE

Precautions for safe handling:            Avoid contact with skin and eyes, inhalation of vapours and mists. Do not eat or drink while working.

Conditions for safe storage, including  
any incompatibilities:                      Storage recommended at room temperature Keep away from food, drink and feed.  
Incompatible materials: None in particular.  
Instructions as regards storage premises: Adequately ventilated premises.

Specific and uses:                              None in particular.

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## 8 EXPOSURE CONTROLS AND PERSONAL PROTECTION

Control Parameters	No occupational exposure limit available.
Exposure Controls:	
• Respiratory Protection	Not needed for normal use.
• Hand Protection	Not needed for normal use.
• Skin Protection	No special precaution must be adopted for normal use.
• Eye Protection	Not needed for normal use. Anyway, operate according to good working practices.
• Thermal Hazards	None.
• Environmental Exposure Controls	None.
• Appropriate Engineering Controls	None.

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## 9 PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Appearance and Colour:	liquid yellow
Melting / Freezing Point:	ca 15° C
Initial Boiling Point / Range:	> 200° C
Flash Point:	> 100 ° C
Relative Density:	1.10
Water solubility:	soluble
Oil solubility:L	soluble

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## 10 STABILITY AND REACTIVITY

Reactivity:	No hazardous reactions if stored and handled as indicated.
Chemical Stability:	The product is stable if stored and handled as prescribed/indicated.
Possibility of Hazardous Reactions:	No hazardous reaction when stored and handled as prescribed / indicated.
Conditions to Avoid:	Strong oxidizing agents, strong bases, strong acids.
Incompatible Materials:	None in particular.
Hazardous Decomposition Products:	None.

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## 11 TOXICOLOGICAL INFORMATION

### Toxicological information of the substance:

Polysorbate 20 - CAS: 9005-64-5

Acute Toxicity:	Not classified. Based on available data, the classification criteria are not met. Test: LD50 - Route: Oral - Species: Rat > 2000 mg/kg
Skin Corrosion / Irritation:	Not classified. Based on available data, the classification criteria are not met. Test: Skin Irritant - Route: Skin - Species: Rabbit Negative

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Serious Eye Damage / Irritation:	Not classified. Based on available data, the classification criteria are not met. Test: Eye Irritant - Route: Skin - Species: Rabbit Negative
Respiratory or Skin Sensitisation:	Not classified. Based on available data, the classification criteria are not met. Test: Skin Sensitization - Route: Skin - Species: Guinea pig Negative
Germ Cell Mutagenicity:	Not classified. Based on available data, the classification criteria are not met.
Carcinogenicity:	Not classified. Based on available data, the classification criteria are not met. Test: Carcinogenicity - Route: Oral - Species: Rat Negative
Reproductive Toxicity:	Not classified. Based on available data, the classification criteria are not met.
STOT-Single Exposure:	Not classified. Based on available data, the classification criteria are not met.
STOT-Repeated Exposure:	Not classified. Based on available data, the classification criteria are not met.
Aspiration Hazard:	Not classified. Based on available data, the classification criteria are not met.

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## 12 ECOLOGICAL INFORMATION

Toxicity: Adopt good working practices, so that the product is not released into the environment.

Polysorbate 20 - CAS: 9005-64-5

Not classified for environmental hazards.

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

- Aquatic Acute Toxicity: Endpoint: LC50 - Species: Fish > 100 mg/l  
Endpoint: EC50 - Species: Algae > 100 mg/l

Persistence and degradability: None.  
Biodegradability: Non easy degradable  
- Test: Biochemical oxygen demand  
- Duration: 28 days  
- %: 30-40  
- Notes: OEDC 301

Bioaccumulative potential: Bioaccumulation: Not bioaccumulative.

vPvB Substances: None.

PBT Substances: None.

Other adverse effects: None.

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## 13 DISPOSAL CONSIDERATIONS

Waste treatment methods: Recover if possible. In doing so, comply with the local and national regulations currently in force.

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## 14 TRANSPORT INFORMATION

UN Number: Not classified as dangerous in the meaning of transport regulations.  
UN proper shipping name: Not applicable.  
Transport hazard class(es): Not applicable.  
Packing group: Not applicable.  
Environmental hazards: Not applicable.  
Special precautions for user: Not applicable.

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

Not applicable.

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## 15 REGULATORY AND OTHER INFORMATION

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

Dir. 98/24/EC (Risks related to chemical agents at work)

Dir. 2000/39/EC (Occupational exposure limit values) Regulation (EC) n. 1907/2006 (REACH)

Regulation (EC) n. 1272/2008 (CLP)

Regulation (EC) n. 790/2009 (ATP 1 CLP) and (EU) n. 758/2013

Regulation (EU) 2015/830

Regulation (EU) n. 286/2011 (ATP 2 CLP)

Regulation (EU) n. 618/2012 (ATP 3 CLP)

Regulation (EU) n. 487/2013 (ATP 4 CLP)

Regulation (EU) n. 944/2013 (ATP 5 CLP)

Regulation (EU) n. 605/2014 (ATP 6 CLP)

Regulation (EU) n. 2015/1221 (ATP 7 CLP)

Regulation (EU) n. 2016/918 (ATP 8 CLP)

Regulation (EU) n. 2016/1179 (ATP 9 CLP)

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**Restrictions related to the product or the substances contained according to Annex XVII Regulation (EC) 1907/2006 (REACH) and subsequent modifications:**

Volatile Organic compounds - VOCs = 0.00 g/l

Volatile CMR substances = 0.00 %

Halogenated VOCs which are assigned the risk phrase R40 = 0.00 %

Organic Carbon - C = 0.00

**Where applicable, refer to the following regulatory provisions:**

Directive 2012/18/EU (Seveso III)

Regulation (EC) nr 648/2004 (detergents).

Dir. 2004/42/EC (VOC directive)

**Provisions related to directive EU 2012/18 (Seveso III):**

Seveso III category according to Annex 1, part 1

None

**Chemical safety assessment**

No Chemical Safety Assessment has been carried out for the substance.

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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.

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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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