

# 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: Ascorbyl Glucoside  
Reference number: RMTR-0100B  
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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**Trade Name:** Ascorbyl Glucoside

**TR Ref. Number:** RMTR-0100B

**Doc:** RMSDS - Ascorbyl Glucoside

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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

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.

This substance is not classified as dangerous according to Directive 67/548/EEC or 1999/45/EC.

### Label elements

The product does not need to be labelled in accordance with EC directives or respective national laws.

### Other Hazards

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.

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## 3 COMPOSITION/ INFORMATION ON INGREDIENTS

Synonyms: Ascorbyl Glucoside. L-Ascorbic acid 2-O-alpha-glucoside. Ascorbic acid 2-O-glucoside.

Formula:  $C_{12}H_{18}O_{11}$

Molecular Weight: 338.26 g/mol

CAS Number: 129499-78-1

No components need to be disclosed according to the applicable regulations.

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## 4 FIRST AID MEASURES

Inhalation: Move to fresh air. Call a physician if symptoms develop or persist.

Ingestion: Rinse mouth. Get medical attention if symptoms occur.

Skin contact: Wash off with soap and water. Get medical attention if irritation develops and persists.

Eye contact: Rinse with water. Get medical attention if irritation develops and persists.

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

Direct contact with eyes may cause temporary irritation.

Indication of any immediate medical attention and special treatment needed:

Protection of first-aid responders: Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

Notes to physician Treat: symptomatically.

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## 5 FIRE FIGHTING MEASURES

Suitable extinguishing media: Water fog. Foam. Dry chemical powder. Carbon dioxide (CO<sub>2</sub>).  
Extinguishing media to avoid :Do not use water jet as an extinguisher, as this will spread the fire.

Special hazards arising from the substance or mixture: During fire, gases hazardous to health may be formed.

Advice for firefighters Self-contained breathing apparatus and full protective clothing must be worn in case of fire. Special fire fighting procedures: Use water spray to

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cool unopened containers Specific methods: Use standard firefighting procedures and consider the hazards of other involved materials.

Further Information: No unusual fire or explosion hazards noted.

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## 6 ACCIDENTAL RELEASE MEASURES

Personal precautions: Keep unnecessary personnel away.

Environmental precautions: Avoid discharge into drains, water courses or onto the ground.

### **Methods and materials for containment and cleaning up**

This product is miscible in water. Stop the flow of material, if this is without risk. Dike far ahead of spill for later disposal. Following product recovery, flush area with water.

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## 7 HANDLING AND STORAGE

Precautions for safe handling: Handling Technical measures (e.g. Local and general ventilation): No specific recommendations. Safe handling advice: Observe good industrial hygiene practices.

Conditions for safe storage, including any incompatibilities: Store in original tightly closed container. Store away from incompatible materials Contact avoidance measures: Strong oxidizing agents.

Specific and uses: Apart from the uses mentioned in section 1.2 no other specific uses are stipulated .

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## 8 EXPOSURE CONTROLS AND PERSONAL PROTECTION

### Control Parameters

#### **Components with workplace control parameters**

Contains no substances with occupational exposure limit values.

Engineering measures: Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

Appropriate engineering controls: General industrial hygiene practice.

### Personal Protective Equipment

- Respiratory Protection In case of insufficient ventilation, wear suitable respiratory equipment.
- Skin and Body Protection Wear suitable protective clothing.
- Hand Protection Wear appropriate chemical resistant gloves.
- Eye / Face Protection Wear safety glasses with side shields (or goggles).
- Control Of Environmental Exposure: No special environmental precautions required.

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## 9 PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Form: solid  
Colour: white  
Melting Point / Range: 158 - 163 °C

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Relative Density:	1.59 (20 °C)
Water solubility:	714 000 mg/L (19 °C)
Partition coefficient: n-octanol/water:	< -2 log Pow (20 °C)
Autoignition Temperature:	> 400 °C
Explosive properties:	Negative.
pH:	2.0 - 2.5 (1%)

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## 10 STABILITY AND REACTIVITY

Reactivity:	Stable and non-reactive under normal conditions of use, storage and transport.
Chemical Stability:	Stable under normal conditions.
Possibility of Hazardous Reactions:	No dangerous reaction known under conditions of normal use.
Conditions to Avoid:	Contact with incompatible materials.
Incompatible Materials:	Strong oxidizing agents.
Hazardous Decomposition Products:	No hazardous decomposition products are known.

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## 11 TOXICOLOGICAL INFORMATION

Acute Toxicity:	Rat (Sprague-Dawley): LD50>2000 mg/kg bw
Germ cell mutagenicity:	Negative.
Reproductive toxicity:	Negative.

### Carcinogenicity

**IARC**

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No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

## ACGIH

No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

## NTP

No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

## OSHA

No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

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## 12 ECOLOGICAL INFORMATION

Persistence and degradability:	Readily biodegradable in water.
Bioaccumulative potential:	100% degradation after 28 d.
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.

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## 13 DISPOSAL CONSIDERATIONS

### Waste treatment methods:

Product: Dispose in accordance with all applicable regulations. Residual

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waste: Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner.

Contaminated packaging:

Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied.

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## 14 TRANSPORT INFORMATION

### UN proper shipping name

ADR/RID: Not dangerous goods

IMDG: Not dangerous goods

IATA: Not dangerous goods

### Environmental hazards

ADR/RID: no

IMDG Marine pollutant: no

IATA: no

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## 15 REGULATORY AND OTHER INFORMATION

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

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

### **Chemical Safety Assessment**

For this product a chemical safety assessment was not carried out.

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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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