

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: Magnesium Ascorbyl Phosphate
Reference number: RMTR-1025A
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

Trade Name: Magnesium Ascorbyl Phosphate

Doc: RMSDS - Magnesium Ascorbyl Phosphate

TR Ref. Number: RMTR-1025A

Rev.: 02

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1.5 EMERGENCY CONTACTS – INSTITUTIONAL CENTRES

Australia Poisons Information Centre 13 11 26

2 HAZARDS IDENTIFICATION

OSHA Hazards: No known OSHA hazards.
Not a dangerous substance according to GHS.

HMIS Classification: Health hazard: 0
Flammability: 0
Physical hazards: 0

NFPA Rating: Health hazard: 0
Fire: 0
Reactivity Hazard: 0

Potential Health Effects

Inhalation: May be harmful if inhaled. May cause respiratory tract irritation.
Skin: May be harmful if absorbed through the skin. May cause skin irritation.
Eyes: May cause eye irritation.
Ingestion: May be harmful if swallowed.

3 COMPOSITION/ INFORMATION ON INGREDIENTS

Formula: $C_6H_6Mg_{1.5}O_9P$

Molecular Weight : 289.54 g/mol

Ingredient	CAS Number	Concentration (%)
Magnesium Ascorbyl Phosphate	113170-55-1	

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4 FIRST AID MEASURES

Inhalation:	If breathed in, move person into fresh air. If not breathing, give artificial respiration.
Ingestion:	Never give anything by mouth to an unconscious person. Rinse mouth with water.
Skin contact:	Wash off with soap and plenty of water.
Eye contact:	Flush eyes with water as a precaution.

5 FIRE FIGHTING MEASURES

Suitable extinguishing media:	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Special protective equipment for fire-fighters:	Wear self contained breathing apparatus for fire fighting if necessary.
Hazardous combustion products	Hazardous decomposition products formed under fire conditions. - Carbon oxides, Oxides of phosphorus, Magnesium oxide

6 ACCIDENTAL RELEASE MEASURES

Personal precautions:	Avoid dust formation. Avoid breathing vapors, mist or gas.
Environmental precautions:	Do not let product enter drains.

Methods and materials for containment and cleaning up

Sweep up and shovel. Keep in suitable, closed containers for disposal.

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7 HANDLING AND STORAGE

Precautions for safe handling: Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection.

Conditions for safe storage: Keep the container tightly closed in a dry and well-ventilated place. Store, (+15 to +25°C), in original sealed containers.

8 EXPOSURE CONTROLS AND PERSONAL PROTECTION

Control Parameters Contains no substances with occupational exposure limit values.

Personal Protective Equipment

- Specific engineering controls: Use mechanical exhaust or laboratory fumehood to avoid exposure.
- Hygiene Measures General industrial hygiene practice.
- Respiratory Protection Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95(US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).
- Skin and Body Protection Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place., The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.
- Hand Protection Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of

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contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

- Eye Protection

Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

9 PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Form:	powder
Colour:	White to off-white
Odour:	Odourless
Odour Threshold:	Faint
Specific rotation $[\alpha]_{D20}$:	+43 - +50°(C=3)
Specific Gravity:	1.76/cm ³
Water solubility:	154g/l @ 20 °C
pH:	7.0 - 8.5 (3 % solution)

10 STABILITY AND REACTIVITY

Reactivity:	Stable under recommended storage conditions.
Hazardous Polymerization:	Will not occur under normal conditions and storage.
Conditions to Avoid:	Heat and lighted areas.
Incompatible Materials:	Acids, Bases, oxidizers.
Hazardous decomposition products:	Hazardous decomposition products formed under fire conditions. - Carbon oxides, Oxides of phosphorus, Magnesium oxide

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11 TOXICOLOGICAL INFORMATION

Acute toxicity

Oral LD50: LD50 (oral, rat) > 2000 mg/kg

Dermal LD50: LD50 (dermal, rat) >2000 mg/kg

Carcinogenicity

IARC: 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.

Potential health effects

Inhalation: May be harmful if inhaled. May cause respiratory tract irritation.

Ingestion: May be harmful if swallowed.

Skin: May be harmful if absorbed through skin. May cause skin irritation.

Eye: May cause eye irritation.

Signs and Symptoms of Exposure

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

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12 ECOLOGICAL INFORMATION

No further information available.

13 DISPOSAL CONSIDERATIONS

Product: Offer surplus and non-recyclable solutions to a licensed disposal company.

Contaminated packaging: Dispose of as unused product.

14 TRANSPORT INFORMATION

DOT (US)

Not dangerous goods.

IMDG

Not dangerous goods.

IATA

Not dangerous goods.

15 REGULATORY AND OTHER INFORMATION

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

OSHA Hazards

No known OSHA hazards.

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SARA 302 Components

SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 Components

SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

SARA 311/312 Hazards

No SARA Hazards.

Massachusetts Right To Know Components

No components are subject to the Massachusetts Right to Know Act.

California Prop. 65 Components

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

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.

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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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