

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: Montanov 82
Reference number: RMTR-0351A
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 HAZARD IDENTIFICATION

Classification: Not classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by Road and Rail; NON-DANGEROUS GOODS.

Based on available information, not classified as hazardous according to Safe Work Australia; NON-HAZARDOUS SUBSTANCE.

Poisons Schedule (SUSMP): None allocated.

3 COMPOSITION/ INFORMATION ON INGREDIENTS

Product description: acetalization product between glucose and C12/18 (even numbered) alcohol.

Components	CAS Number	Concentration (%)
Ingredients determined not to be hazardous	-	100

4 FIRST AID MEASURES

General advice: For advice, contact a Poisons Information Centre (e.g. phone Australia 131 126; New Zealand 0800 764 766) or a doctor.

Inhalation: Remove victim from area of exposure - avoid becoming a casualty. Remove contaminated clothing and loosen remaining clothing. Allow

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	patient to assume most comfortable position and keep warm. Keep at rest until fully recovered. Seek medical advice if effects persist.
Ingestion:	Rinse mouth with water. If swallowed, do NOT induce vomiting. Give a glass of water. Seek medical advice.
Skin contact:	If skin or hair contact occurs, remove contaminated clothing and wash skin and hair with soap and water. If irritation occurs seek medical advice.
Eye contact:	If in eye, wash out immediately with water. In all cases of eye contamination it is a sensible precaution to seek medical advice.

Indication of any immediate medical attention and special treatment needed:

Notes to physician: Treat symptomatically.

5 FIRE FIGHTING MEASURES

Suitable extinguishing media:	Extinguishing media appropriate to surrounding fire conditions.
Special hazards arising from the substance or mixture:	Combustible solid. On burning will emit toxic fumes, including those of oxides of carbon.
Advice for firefighters	Firefighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to vapour or products of combustion. Keep containers cool with water spray.

6 ACCIDENTAL RELEASE MEASURES

Personal precautions:	Shut off all possible sources of ignition.
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If contamination of sewers or waterways has occurred advise local emergency services.

Methods and materials for containment and cleaning up:

Wear protective equipment to prevent skin and eye contact and breathing in dust. Work up wind or increase ventilation. Cover with damp absorbent (inert material, sand or soil). Sweep or vacuum up, but avoid generating dust. Collect and seal in properly labelled containers or drums for disposal.

7 HANDLING AND STORAGE

Precautions for safe handling:

Avoid skin and eye contact and breathing in dust. Avoid handling which leads to dust formation. May form flammable dust clouds in air. For precautions necessary refer to Safety Data Sheet "Dust Explosion Hazards". Take precautionary measures against static discharges.

Conditions for safe storage, including any incompatibilities:

Store in a cool, dry, well ventilated place and out of direct sunlight. Store away from sources of heat or ignition. Store away from incompatible materials described in Section 10. Keep containers closed when not in use - check regularly for spills.

8 EXPOSURE CONTROLS AND PERSONAL PROTECTION

Control Parameters

No value assigned for this specific material by Safe Work Australia. However, Workplace Exposure Standard(s) for particulates:
Dusts not otherwise classified: 8hr TWA = 10 mg/m³

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As published by Safe Work Australia Workplace Exposure Standards for Airborne Contaminants.

TWA - The time-weighted average airborne concentration of a particular substance when calculated over an eight-hour working day, for a five-day working week.

These Workplace Exposure Standards are guides to be used in the control of occupational health hazards. All atmospheric contamination should be kept to as low a level as is workable. These workplace exposure standards should not be used as fine dividing lines between safe and dangerous concentrations of chemicals. They are not a measure of relative toxicity.

Exposure Controls:

- General Engineering Measures

Ensure ventilation is adequate to maintain air concentrations below Workplace Exposure Standards. Avoid generating and breathing in dust. Keep containers closed when not in use.

If in the handling and application of this material, safe exposure levels could be exceeded, the use of engineering controls such as local exhaust ventilation must be considered and the results documented. If achieving safe exposure levels does not require engineering controls, then a detailed and documented risk assessment using the relevant Personal Protective Equipment (PPE) (refer to PPE section below) as a basis must be carried out to determine the minimum PPE requirements.

- Individual protection measures, such as Personal Protective Equipment (PPE)

The selection of PPE is dependent on a detailed risk assessment. The risk assessment should consider the work situation, the physical form of the chemical, the handling methods, and environmental factors.

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OVERALLS, SAFETY SHOES, SAFETY GLASSES, GLOVES, DUST MASK.

Wear overalls, safety glasses and impervious gloves. Avoid generating and inhaling dusts. If determined by a risk assessment an inhalation risk exists, wear a dust mask/respirator meeting the requirements of AS/NZS 1715 and AS/NZS 1716. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storage or re-use.

9 PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical State:	Pellets
Colour:	Cream
Odour:	Characteristic
Melting Point / Range:	57 °C
Boiling Point / Range:	> 300 °C
Flash Point:	>100 °C (CC)
Specific Gravity:	0.874 (density)
Vapour Pressure (20 °C):	0.00000099 kPa (room temperature)
Water solubility:	Emulsifies in water, <0.0212 g/L
Partition Coefficient:	7.7
pH:	5.5 - 7.5 at 5 % w/w, 20 °C

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10 STABILITY AND REACTIVITY

Reactivity:	No further information available.
Chemical Stability:	Stable under normal conditions of use.
Possibility of Hazardous:	Hazardous polymerisation will not occur.
Conditions to Avoid:	Avoid exposure to heat, sources of ignition, and open flame. Avoid dust generation.
Incompatible Materials:	No further information available.
Hazardous Decomposition Products:	Oxides of carbon

11 TOXICOLOGICAL INFORMATION

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

Ingestion:	No adverse effects expected, however, large amounts may cause nausea and vomiting.
Eye Contact:	May be an eye irritant. Exposure to the dust may cause discomfort due to particulate nature. May cause physical irritation to the eyes.
Skin Contact:	Repeated or prolonged skin contact may lead to irritation.
Inhalation:	Breathing in dust may result in respiratory irritation.
Acute Toxicity:	No LD50 data available for the product.
Skin corrosion/irritation:	Non-irritant.

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Serious eye damage/irritation:	Non-irritant.
Respiratory or skin sensitisation:	Not a skin sensitiser.
Mutagenicity:	No mutagenic effect.
Reproductive toxicity:	No known significant effects or critical hazards.

12 ECOLOGICAL INFORMATION

Ecotoxicity:	Avoid contaminating waterways.
Persistence/degradability:	The material is readily biodegradable.
Bioaccumulative potential:	This product shows a high bioaccumulation potential.
Mobility in soil:	Koc = >2.4 (1)
Aquatic toxicity:	72hr EC50 (Desmodesmus subspicatus): >100 mg/L
• Log Octanol/Water Partition Coefficient:	7.7
• 48hr EC50 (Daphnia magna)	>100 mg/L
• 96hr LC50 (fish)	>100 mg/L (Danio rerio)

13 DISPOSAL CONSIDERATIONS

Waste treatment methods: The generation of waste should be avoided or minimized wherever possible. Avoid dispersal of spilled material and runoff contact with soil, waterways, drains and sewers. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.

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14 TRANSPORT INFORMATION

Not dangerous goods according to transport legislation. Transport according to local legislation.

15 REGULATORY AND OTHER INFORMATION

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

- Classification Based on available information, not classified as hazardous according to Safe Work Australia; NON-HAZARDOUS SUBSTANCE.
- Poisons Schedule (SUSMP) None allocated.

** A constituent of this material is new and has not been assessed in Australia. It is being used in quantities < 100 kg per annum under the provisions of subsection 21(4) of the Industrial Chemicals (Notification and Assessment) Act 1989 as amended.*

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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