

TRULUX SAFETY DATA SHEET

Provides critical information on hazardous substances or mixtures.

1.1 COMPANY IDENTIFICATION

Company's name:	Trulux Pty Ltd
Email address:	info@trulux.com.au
Website:	www.trulux.com.au
Contact number:	+61 2 5566 0566

1.2 PRODUCT IDENTIFICATION

Trade name:	Isopropyl Myristate
SKU:	RMTR-0759A
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:	www.trulux.com.au
Address:	C3/ 1-3 Rodborough Road, Frenchs Forest NSW 2086 Australia

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Doc: RMSDS - Isopropyl Myristate

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1.5 EMERGENCY CONTACTS - INSTITUTIONAL CENTRES

Australia Poisons Information Centre 13 11 26

2 HAZARDS IDENTIFICATION

GHS Classification

Not a hazardous substance or mixture.

GHS label elements

Not a hazardous substance or mixture.

3 COMPOSITION/ INFORMATION OSubstanceN INGREDIENTS

Substance / Mixture

Substance

Hazardous components

No hazardous ingredients.

4 FIRST AID MEASURES

Inhalation

If breathed in, move person into fresh air. If symptoms persist, call a physician.

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Skin Contact

In case of contact, immediately flush skin with soap and plenty of water. If symptoms persist, call a physician.

Eye Contact

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

Ingestion

If large quantities of this material are swallowed, call a physician immediately.

5 FIRE FIGHTING MEASURES

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

In case of fire hazardous decomposition products may be produced such as: Carbon oxides
Do not use a solid water stream as it may scatter and spread fire.

Specific extinguishing methods

Prevent fire extinguishing water from contaminating surface water or the ground water system.
Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

Special protective equipment for firefighters

In the event of fire, wear self-contained breathing apparatus.

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6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation. Use personal protective equipment.

Environmental precautions

Prevent product from entering drains.

Methods and materials for containment and cleaning up

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

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.

Hygiene measures

Handle in accordance with good industrial hygiene and safety practice.

Conditions for safe storage

Store in original container. Keep 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.

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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

Safety glasses with side-shields.

Skin and Body Protection

Impervious clothing.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance;	Liquid
Colour:	Colourless
Odour:	Characteristic
Melting / Freezing Point:	ca. 3 °C
Boiling Point / Range:	193 °C (27 hPa)
Flash Point:	150 - 168 °C
Self-ignition:	225 °C
Vapour Pressure;	< 0.1 hPa (25 °C)
Relative Density:	0.850 - 0.855 (20 °C)

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Density:	0.85 g/cm ³ (20 °C)
Water solubility:	< 0.05 mg/L (20 °C)
Partition coefficient: n-octanol/water	log Pow: estimated 7.71
Viscosity, dynamic:	5 - 6 mPa.s (20 °C)
Viscosity, kinematic:	3.932 mm ² /s (40 °C)
Explosive properties:	Not explosive.

10 STABILITY AND REACTIVITY

Possibility of Hazardous Reactions:	Stable under recommended storage conditions.
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, male and female): > 2,000 mg/kg

Method: OECD Test Guideline 401

Assessment: No mortality observed at this dose., The substance or mixture has no acute oral toxicity

LD50 (Rat, male and female): > 5,000 mg/kg

Method: OECD Test Guideline 401

Assessment: The substance or mixture has no acute oral toxicity

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Acute inhalation toxicity

LC50 (Rat, male and female): > 5.3 mg/l

Exposure time: 4 h

Test atmosphere: dust/mist

Method: OECD Test Guideline 436

Assessment: The substance or mixture has no acute inhalation toxicity

Remarks: Information given is based on data obtained from similar substances.

Skin corrosion/irritation - Product:

Species: Rabbit

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

Method: OECD Test Guideline 404

Serious eye damage/eye irritation - Product:

Species: Rabbit

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

Method: OECD Test Guideline 405

Respiratory or skin sensitisation - Product:

Test Type: Maximisation Test

Species: Guinea pig

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

Method: OECD Test Guideline 406

Result: Did not cause sensitization.

Chronic toxicity

Germ cell mutagenicity - Product:

Genotoxicity in vitro

Test Type: Ames test

Test system: Salmonella typhimurium

Metabolic activation: with and without metabolic activation

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Method: OECD Test Guideline 471

Result: negative

Test Type: In vitro mammalian cell gene mutation test

Metabolic activation: with and without metabolic activation

Method: OECD Test Guideline 476

Result: negative

Remarks: Information given is based on data obtained from similar substances.

Test Type: Chromosome aberration test in vitro

Method: OECD Test Guideline 473

Result: negative

Remarks: Information given is based on data obtained from similar substances.

Germ cell mutagenicity - Assessment

In vitro tests did not show mutagenic effects.

Reproductive toxicity - Product:

Effects on fertility

Species: Rat, male and female

Application Route: Oral

Fertility: NOAEL: 6,000 mg/kg body weight

Remarks: Information given is based on data obtained from similar substances.

Reproductive toxicity - Assessment

No toxicity to reproduction.

Repeated dose toxicity - Product:

Species: Rat, male and female

NOAEL: 1,000 mg/kg

Application Route: Oral

Exposure time: 28

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Number of exposures: 5 days/week

Method: OECD Test Guideline 407

Remarks: No significant adverse effects were reported

Species: Rat, male and female

NOAEL: 5,500 mg/kg

Application Route: Oral

Exposure time: 91

Number of exposures: 1x /day

Method: OECD Test Guideline 408

Remarks: No significant adverse effects were reported

12 ECOLOGICAL INFORMATION

Ecotoxicity - Product:

Toxicity to fish

LC50 (Lepomis macrochirus (Bluegill sunfish)): > 1,000 mg/l

Exposure time: 96 h

Test Type: static test

Remarks: No toxicity at the limit of solubility

Toxicity to daphnia and other aquatic invertebrates

EC50 (Daphnia magna (Water flea)): 0.05 mg/l

Exposure time: 48 h

Test Type: static test

Remarks: No toxicity at the limit of solubility

Toxicity to algae

EC50 (Desmodesmus subspicatus (green algae)): 0.05 mg/l

Exposure time: 72 h

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Test Type: static test

Remarks: No toxicity at the limit of solubility

Toxicity to fish (Chronic toxicity)

Remarks: No toxicity at the limit of solubility

Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity)

NOEC (Daphnia magna (Water flea)): ≥ 100 mg/l

Exposure time: 21 d

Test Type: semi-static test

Test substance: solution

Method: OECD Test Guideline 211

Remarks: No toxicity at the limit of solubility

Sediment toxicity

(Corophium sp.): > 1439.41 mg/kg dry weight (d.w.)

Study: Short term

Persistence and degradability - Product:

Biodegradability

Inoculum: activated sludge

Result: Readily biodegradable.

Biodegradation: 91.4 %

Exposure time: 28 d

Method: OECD Test Guideline 301B

Remarks: Readily biodegradable.

Bioaccumulative potential - Product:

Bioaccumulation

Bioconcentration factor (BCF): 122.1

Remarks: Inherently biodegradable. Accumulation in aquatic organisms is unlikely.

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Other adverse effects - Product:

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.

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

UNRTDG

Not regulated as a dangerous good.

IATA-DGR

Not regulated as a dangerous good.

IMDG-Code

Not regulated as a dangerous good.

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

Not applicable for product as supplied.

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National Regulations

ADG

Not regulated as a dangerous good.

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.

AICS: 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.

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

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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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