

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 (02) 5566 0566
Address	C3/ 1-3 Rodborough Rd, Frenchs Forest, NSW, 2086, Australia

1.2 PRODUCTION IDENTIFICATION

Raw Material	SODIUM CITRATE
SKU	RMTR-0491A

1.3 RELEVANT IDENTIFIED USES OF THE SUBSTANCE OR MIXTURE AND USES ADVISED AGAINST

Identified uses	Cosmetic Raw Materials
Uses advised against	None to our knowledge

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

1.5 EMERGENCY CONTACTS - INSTITUTION CENTRE

Australia	Poison Information Centre 13 11 26
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2 HAZARD IDENTIFICATION

CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

GHS classification Australia in accordance with Safe Work Australia	Not classified as hazardous according to Safe Work Australia
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Labelling

Pictogram Code:	-
Signal Word:	-
Hazard Statement:	-
Precautionary Statement (Prevention)	-
Precautionary Statement (Response)	-
Storage	-

Disposal -

Additional Information

3 COMPOSITION/ INFORMATION ON INGREDIENTS

INCI Name	CAS No	Comments	Composition Range %	Classification of Ingredient in accordance with Safe Work Australia
Sodium Citrate	6132-04-3 (dihydrate)	Active ingredient	100.0	Not classified

4 FIRST AID MEASURES

If inhaled	Remove to fresh air. Call a physician if symptoms occur.
In case of skin contact	Wash skin with soap and water. Call a physician if symptoms occur.
In case of eye contact	Rinse thoroughly with plenty of water, also under the eyelids. Get medical attention if symptoms occur.
Most important symptoms and effects, both acute and delayed (if relevant)	No further information available.
Indication of any immediate medical attention and special treatment needed	Note to physicians: Treat symptomatically.
General Advice:	For advice, contact a Poisons Information Centre (e.g. phone Australia 13 11 26; New Zealand 0800 764 766) or a doctor.

5 FIRE FIGHTING MEASURES

Suitable extinguishing media	Water spray. Foam. Dry chemical. Carbon dioxide (CO2).
Not suitable extinguishing media	High volume water jet.
Special hazards arising from the substance or mixture incompatibilities	Hazardous combustion products: Oxides of carbon. Combustible solid. On burning will emit toxic fumes, including those of oxides of carbon. Dust can form an explosive mixture with air. Avoid generation of dust.
Specific and uses	Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear.
Further information	No further information available.

6 ACCIDENTAL RELEASE MEASURES

Personal precautions	Ventilate the area. Ensure adequate ventilation. Do not touch or walk through spilled material. Evacuate personnel to safe areas. Wash thoroughly after handling. For emergency responders: Shut off ignition sources. Clear area of all unprotected personnel. Use personal protection recommended in Section 8. Avoid contact with skin, eyes, and clothing. Avoid breathing dust or spray mist. Keep people away from and upwind of spill/leak. Avoid generation of dust.
Environmental precautions	Prevent further leakage or spillage if safe to do so. Prevent product from entering drains.
Methods and material for containment and cleaning up	
Methods for containment:	Stop leak if you can do it without risk. Remove ignition sources. Provide adequate ventilation.

Keep out of drains, sewers, ditches and waterways. Soak up condensate with inert absorbent material and collect in ventilated waste container for disposal.

Methods for cleaning up:

Cover with damp absorbent (inert material, sand or soil). Vacuum or sweep material and place in a disposal container

Use non-sparking tools. Avoid generation of dust. Use personal protective equipment as required. Pick up and transfer to properly labelled containers.

7 HANDLING AND STORAGE

Precautions for safe handling

General protective measures

Handle in accordance with good industrial hygiene and safety practice.
Avoid contact with skin, eyes, and clothing. Avoid breathing dust or spray mist. Avoid generation of dust.
Take off contaminated clothing and wash before reuse. Wash thoroughly after handling. Use personal protection equipment. Use according to package label instructions.

Measures to prevent Fire

May form flammable dust clouds in air. Keep away from open flames, hot surfaces and sources of ignition. Take precautionary measures against static discharges.

Conditions for safe storage, including any incompatibilities

Keep containers tightly closed in a cool, well-ventilated place. Protect from sunlight.
Store away from sources of heat or ignition. Store away from incompatible materials described in Section 10. Keep container closed when not in use.
Incompatible materials: Acids. Bases. Sodium nitrite. potassium nitrite. and. Strong oxidizing agents.

Specific and uses

Cosmetic preparations

8 EXPOSURE CONTROLS AND PERSONAL PROTECTION

Exposure Controls (mixture)

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

Exposure Controls

General Engineering Measures

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) as a basis must be carried out to determine the minimum PPE requirements.
Ensure adequate ventilation, especially in confined areas. Apply technical measures to comply with the occupational exposure limits.

General Industrial Hygiene Practices

Contaminated work clothing should not be allowed out of the workplace. Regular cleaning of equipment, work area and clothing is recommended.
Wash hands and face before breaks and immediately after handling the product.
Avoid contact with skin, eyes, and clothing. Wear suitable gloves and eye/face protection.

General Hand Protections Measurements

Impervious gloves.

General Eye Protection Measures

Glasses.

Individual protection measures, such as personal protective equipment:	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.
	Overalls, Safety Shoes, Safety Glasses, Gloves, Dust Mask.
Skin and body protection:	Wear suitable protective clothing. Boots. Overalls.
Respiratory protection:	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.

9 PHYSICAL AND CHEMICAL PROPERTIES

Test Item	Comments	Unit of measurement	Specification (Lower)	Specification (Upper)
Physical state	Solid	-	Complies	Complies
Appearance	Crystalline	-	Complies	Complies
Colour	White	-	Complies	Complies
Odour	Odourless	-	Complies	Complies
pH	-	-	7.6	9.0
Vapour pressure	2.21*10 ⁻⁶ Pa (citric acid)	-	Complies	Complies
Relative density	1.86	-	Complies	Complies
Water solubility	@ 20 °C	g/L	400.0	700.0
Solubility(ies)	Soluble in water	-	Complies	Complies
Partition coefficient	citric acid	-	-1.6	-1.8
Decomposition temperature	150 °C	-	Complies	Complies

10 STABILITY AND REACTIVITY

Reactivity	No further information available.
Chemical Stability	Stable under normal conditions.
Possibility of Hazardous	None under normal processing.
Conditions to Avoid	Avoid exposure to heat, sources of ignition, and open flame. Avoid contact with combustible substances. Static discharge (electrostatic discharge). Dust formation. Direct sunlight.
Incompatible Materials	Acids. Bases. Sodium nitrite. potassium nitrite. and. Strong oxidizing agents.
Explosion data	
Sensitivity to mechanical impact:	None.
Sensitivity to static discharge:	Fine dust dispersed in air, in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard.

11 TOXICOLOGICAL INFORMATION

Product Information:	No adverse health effects expected if the chemical is handled in accordance with this Safety Data Sheet and the chemical label. Symptoms or effects that may arise if the chemical is mishandled and overexposure occurs are:
Inhalation:	May cause irritation.
Eye Contact:	May cause irritation. Dust contact with the eyes can lead to mechanical irritation.
Skin Contact:	May cause irritation.
Ingestion:	No adverse effects expected, however, large amounts may cause nausea and vomiting.

Numerical measures of toxicity - Product Information

Chemical name:	Sodium citrate dihydrate
	Oral LD50: 5400 mg/kg (Oral, Mouse) Dermal LD50: >2000 mg/kg (dermal, Rat)

12 ECOLOGICAL INFORMATION

Ecotoxicity:	Avoid contaminating waterways.
Chemical Name:	Sodium citrate dihydrate Algae/aquatic plants: NOEC 425 mg/L (Algae) Fish: LC50/48h 440 mg/L (Fish) Crustacea: LC50/24h, 1535mg/L(Daphnia Magna)
Persistence and degradability:	Readily biodegradable.
Bioaccumulation:	Material does not bioaccumulate.

13 DISPOSAL CONSIDERATIONS

Waste from residues/unused products:	Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.
Contaminated packaging:	Empty containers pose a potential fire and explosion hazard. Do not cut, puncture or weld containers. Dispose of in accordance with federal, state and local regulations.

14 TRANSPORT INFORMATION

Land transport - DOT	No further information available.
Sea transport - IMDG	Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea; NON-DANGEROUS GOODS.
Air transport - IATA/ICAO	Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air; NON-DANGEROUS GOODS.
ADG:	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.

15 REGULATORY AND OTHER INFORMATION

SUSMP	Schedules	AICIS
Not scheduled	-	Listed

Legend

AICIS Listed: All CAS declared ingredients are on the inventory
AICIS Complies: One or more of the CAS listed ingredients are exempt from listing
AICIS Not listed: One or more of the CAS listed ingredients are not on the inventory and are not exempt from listing
SUSMP Schedule: Please note that some schedules have exemptions according to the use of the material. Please follow relevant regulations/ requirements.

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



SAFETY DATA SHEET

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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