

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	Tapioca Starch
SKU	RMTR-0525A

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	Composition Range %	Classification of Ingredient in accordance with Safe Work Australia
Tapioca Starch	9005-25-8	78.0 - 89.0	Not classified
Water	7732-18-5	10.0 - 21.0	Not classified

4 FIRST AID MEASURES

If inhaled	
In case of skin contact	Wash off with soap and plenty of water. Seek medical advice if symptoms occur or persist.
In case of eye contact	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses and continue rinsing. Seek medical advice if irritation occurs.
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	Treat symptomatically.
First Aid Facilities:	Eyewash stations and safety showers should be available for emergency use.

5 FIRE FIGHTING MEASURES

Suitable extinguishing media	Water spray, foam, carbon dioxide or dry chemical.
Not suitable extinguishing media	No further information available.
Special hazards arising from the substance or mixture incompatibilities	Not a readily combustible powder due to the high moisture content. The powder will burn under fire conditions. Fine dust dispersed in air in sufficient concentrations, and in the presence of an ignition source, is a potential dust explosion hazard. Avoid dust formation.
Specific and uses	Full protective equipment and approved self-contained breathing apparatus required for firefighting personnel.
Further information	Thermal decomposition or combustion products may include carbon dioxide, carbon monoxide or other toxic vapours.
Procedures:	Fight fire from a safe distance. Avoid breathing fire gases or vapours. Evacuate area. Keep surrounding areas cool by spraying with water. Stay upwind of fire. Prevent fire extinguishing water from entering drains, sewers, water courses, basements or confined areas.

6 ACCIDENTAL RELEASE MEASURES

Personal precautions	Wear personal protective clothing and equipment. Ensure adequate ventilation. Isolate the spill area. Keep unnecessary and unprotected personnel away from spill. Do not touch or walk through spilled material. Stay upwind. Avoid contact with the skin, eyes and clothing. Ensure spills remain dry as spill area will become slippery if wet.
Environmental precautions	Avoid dispersal of spilled material and prevent entry into drains, sewers, water courses, basements or confined areas. Discharge into the environment must be avoided.
Methods and Materials for Containment and Clean Up:	Stop leak if safe to do so. Move containers from spill area. Carefully sweep and shovel into suitable container for recovery or disposal.

Ensure containers are correctly labelled. Clean contaminated surface and clean-up equipment thoroughly with detergent solution.

7 HANDLING AND STORAGE

Precautions for safe handling

General protective measures	<p>Handle and open containers with care. Wear personal protective clothing and equipment. Ensure adequate ventilation, especially in confined areas.</p> <p>Minimise dust generation and accumulation on flat surfaces. Avoid contact with skin, eyes and clothing. Avoid ingestion and inhalation. Close containers immediately after use.</p> <p>The usual precautionary measures for handling chemicals should be observed.</p> <p>Do not eat, drink or smoke when handling this product. Wash hands and face thoroughly after handling and before eating, drinking and smoking.</p> <p>Remove all ignition sources in areas where dust clouds might form. Use spark-proof tools and explosion proof equipment.</p>
Measures to prevent Fire	No further information available.
Conditions for safe storage, including any incompatibilities	<p>Protect from heat and direct sunlight. Avoid humidity and moisture. Store only in the original container at room temperature. Store at 15 - 25°C. Protect containers from physical damage.</p> <p>Check regularly for spills and leaks.</p>
Specific and uses	Cosmetic preparations

8 EXPOSURE CONTROLS AND PERSONAL PROTECTION

Exposure Controls (mixture)	<p>National exposure standards should be applied for any use of the product that may generate significant airborne dust.</p> <p>Please observe the following Safe Work Australia Exposure Standard: Starch: TWA 10 mg/m³</p>
Exposure Controls	<p>Handle in accordance with good industrial hygiene and safety practice. Local exhaust ventilation is recommended. Dust levels should be kept as low as reasonably practicable.</p> <p>Control formation of dust.</p> <p>Ensure product is handled in a well ventilated area. Ignition sources should be kept away wherever possible. Avoid the build-up of dust in the workplace with regular housekeeping and cleaning.</p> <p>If dust clouds form, it may be necessary to ground and bond all equipment to prevent static discharges.</p> <p>Do not eat, drink or smoke when handling this product. Avoid contact with skin, eyes and clothing. Do not breathe dust. Keep away from food, drink and animal feedstuffs.</p> <p>Wash hands before breaks and at the end of work. Ensure that eyewash stations and safety showers are close to the workstation location. Do not let product enter drains.</p>
General Engineering Measures	
General Industrial Hygiene Practices	No further information available.
General Hand Protections Measurements	Plastic or rubber protective gloves.
General Eye Protection Measures	Safety glasses with side-shields or safety goggles.
Respiratory protection:	Dust mask/respirator (P1) meeting the requirements of AS/NZS 1715/1716 if dust exposure is likely.
Skin and body protection:	Coveralls or similar protective clothing and protective boots.

9 PHYSICAL AND CHEMICAL PROPERTIES

Test Item	Comments	Unit of measurement	Specification (Lower)	Specification (Upper)
Appearance (colour, physical form, shape)	Fine, white to slightly buff powder.	-	Complies	Complies
Odour	Almost odourless, neutral.	-	Complies	Complies
pH	2% solution	-	4.0	8.5
Specific gravity or density	-	g/cm ³	1.5	1.7
Bulk density	-	kg/m ³	400.0	800.0
Flammability	Not flammable.	-	Complies	Complies
Flash point and method of detecting flash point	-	°C	350.0	-
Upper and lower flammable (explosive) limits in air	Lower	g/m ³	15.0	90.0
Ignition temperature	-	°C	300.0	-
Percent volatile	moisture	%	10.0	20.0
Solubility	Insoluble in cold water. Soluble in boiling water.	-	Complies	Complies
Potential for dust explosion	Dust can form explosive mixture in air.	-	Complies	Complies
Decomposition temperature	200°C	-	Complies	Complies
Molecular Weight and Formula:	MF: (C ₆ H ₁₀ O ₅) _n	-	Complies	Complies

10 STABILITY AND REACTIVITY

Reactivity	No further information available.
Chemical Stability	The product is chemically stable under standard ambient conditions (room temperature).
Possibility of Hazardous	Hazardous polymerisation will not occur. Dust can form explosive mixture in air.
Conditions to Avoid	Dust cloud formation near ignition sources. Humidity and moisture. Excess heat and direct sunlight.
Incompatible Materials	Strong oxidising agents, strong bases and strong acids.
Hazardous decomposition products:	Carbon monoxide, carbon dioxide.

11 TOXICOLOGICAL INFORMATION

Ingestion:	Not expected to be harmful if swallowed.
Inhalation:	Slightly harmful if fine dust is inhaled. Inhalation of high dust concentrations may cause breathing difficulties and shortness of breath.
Skin:	No harmful effects expected. May cause slight irritation.
Eye:	Fine dust may cause eye irritation.
Chronic effects:	Prolonged or repeated skin contact may cause dryness or cracking.

12 ECOLOGICAL INFORMATION

Toxicity to fish LC50:	> 100 mg/L/96 h
Toxicity to daphnia EC50:	> 100 mg/L/48 h
Toxicity to algae IC50:	> 100 mg/L/72 h

Persistence and degradability:

Readily biodegradable. No indication of bioaccumulation potential.

Mobility:

Mobility data is not available for this product.

13 DISPOSAL CONSIDERATIONS

Disposal methods including packaging:

The generation of waste should be avoided or minimised wherever possible, e.g. the material should be reclaimed or reused.
 Otherwise, waste material can be disposed either by incineration or disposal to licenced landfill in accordance with local legislation.
 Do not empty into drains. Contaminated empty product containers should be emptied as far as possible and disposed in the same manner as the material.
 Empty containers or liners may retain some product residues. Do not reuse containers. Clean empty product packaging should be considered for recovery or recycling according to local legislation.

14 TRANSPORT INFORMATION

Land transport - DOT

Not classified as dangerous for transport by land (Australian Code for the Transport of Dangerous Goods by Road & Rail).

Sea transport - IMDG

Not classified as dangerous for transport by sea (IMDG Code).

Air transport - IATA/ICAO

Not classified as dangerous for transport by air (ICAO/IATA).

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 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.

Issue Date 01-Dec-2021

Revision Date 13-Apr-2023

Version 03

