

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:	ABS Pomegranate Sterols
SKU:	RMTR-0101A
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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1.5 EMERGENCY CONTACTS - INSTITUTIONAL CENTRES

Australia

Poisons Information Centre 13 11 26

2 HAZARDS IDENTIFICATION

GHS / CLP - Basis for Classification:

Based on present data no classification and labeling is required according to GHS, taking into account the national implementation (United Nations version 2011).

USA - OSHA Regulatory Status:

This material is non-hazardous as defined by the American OSHA Hazard Communication Standard (29 CFR 1910.1200).

Europe - Basis for Classification:

- According to present data no classification and labeling is required according to Reg. (EC) No 1272/2008.
- This product is not classified as hazardous to health or environment according to the CLP regulation.

Labeling Elements:

Pictograph

No hazard symbol expected.

Precautionary statements

P233: Keep container tightly closed.

P281: Use personal protective equipment as required.

P402: Store in a dry place.

P404: Store in a closed container.

P410: Protect from sunlight .

P411: Store at temperatures not exceeding 65°C.

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Other hazards which do not result in classification:

No particular fire or explosion hazard.

By mechanical effect: No particular hazards.

By hygroscopic effect: No particular hazards.

US NFPA 704 (National Fire Protection Association) Hazard Rating System:

Health hazard: Rating 0;

Normal Material Flammability: Rating 0,

Will Not Burn Reactivity: Rating 0,

Stable Other Hazard Information: None

3 COMPOSITION/ INFORMATION ON INGREDIENTS

Common Chemical Name:

Punica Granatum Sterols

Chemical Family

Sterol

Description

Substance

Substance	CAS Number	Concentration (%)
Punica Granatum Sterols	949109-75-5	100.00

4 FIRST AID MEASURES

General:

In all cases of doubt, or when symptoms persist, seek medical attention.

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Inhalation:	Move to fresh air from exposure area. Get medical attention for any breathing difficulty.
Ingestion:	Consult with a physician.
Skin contact:	Rinse with soap and water. Get medical advice if irritation develops.
Eye contact:	Immediately rinse with plenty of water for at least 15 minutes, while keeping the eyes wide open. Consult with a physician.
Protection of first-aiders:	No special protection required.

5 FIRE FIGHTING MEASURES

Fire and explosion hazards:	Not considered to be a fire and explosion hazard.
Suitable extinguishing media:	Dry chemicals, foam and carbon dioxide.
Fire Fighting:	Move container from fire area if it can be done without risk. Avoid inhalation of material or combustion by-products. Stay upwind and keep out of low area.
Protection for fire-fighters:	Boots, gloves, goggles.

6 ACCIDENTAL RELEASE MEASURES

Personal precautions:	Avoid contact with eyes.
Personal Protective Equipment:	Protective goggles.

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Environmental precautions:

Prevent entry into sewers and waterways. Do not allow material to contaminate ground water system.

Methods for cleaning up:

- Recovery

Pick up free liquid for recycling or disposal. Residual liquid can be absorbed on an inert material. Sweep or vacuum up any powder and place in a clearly labeled waste container, avoiding dust formation.

- Cleaning / Decontamination:

Wash non-recoverable remainder with water.

7 HANDLING AND STORAGE

Handling

Labeling

Keep out of the reach of children.

Measures

For industrial use, only as directed.

Safe handling advice

Wash hands after use. Avoid storage near feed or food stuff.

Storage

Technical measures

Keep container closed.

Recommended Storage Conditions

Store in a dry place at temperatures not exceeding 65°C. Based on stability studies, the optimum storage temperature for maximization of shelf life is 23 - 25°C. However, it may be stored at temperatures between

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32°C if such specific temperature control is not available. Do not freeze. Please refer to stability data for effect or cold may have on the specifications of the product.

Incompatible products

Avoid contact with strong oxidizers.

Packaging

Product may be packaged in normal commercial packaging.

Packaging materials

Recommended - Polypropylene & High Density Polyethylene

8 EXPOSURE CONTROLS AND PERSONAL PROTECTION

Precautionary statements: Ensure adequate ventilation.

Personal Protective Equipment:

• Hygiene Measures	Handle in accordance with good industrial hygiene and safety practice.
• Respiratory Protection	Local exhaust.
• Skin and Body Protection	Suitable protective clothing.
• Hand Protection	Protective gloves made of rubber or neoprene.
• Eye Protection	Safety glasses.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance: White to very light yellow waxy paste.

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Colour:	≤ 3 Gardner
Odour:	Characteristic
Acid Value:	≤ 10
Saponification Value:	80 - 110
Hydroxyl Value:	≤ 25
Total Heavy Metals:	< 20 ppm
Lead:	< 10 ppm
Arsenic:	< 2 ppm
Mercury:	< 1 ppm
Cadmium:	< 1 ppm
Progesterone:	Not Detected (< 0.01 ppm)
Estrone:	Not Detected (< 0.01 ppm)
17-α-Estradiol:	Not Detected (< 0.01 ppm)
Microbial Content:	< 100 CFU/g ; No pathogens
Yeast & Mold:	< 100 CFU/g
Gram Negative Bacteria:	0 CFU/g
Melting Point:	38 - 42 °C
Flash Point:	170 °C
Water solubility:	Insoluble
Oxidizing Properties:	Non oxidizing material according to EC criteria.

10 STABILITY AND REACTIVITY

Chemical Stability:	Stable under ordinary conditions of use and storage up to one year then re-test to full product specifications to extend shelf life
Conditions to Avoid:	No dangerous reactions known under use of normal conditions. Avoid extreme heat.
Incompatible Materials:	No dangerous reaction known with common products.

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11 TOXICOLOGICAL INFORMATION

Dermal:	Non-Irritant (Dermal Irritation Model).
Ocular:	Non-Irritant (Ocular Irritation Model).
Acute toxicity data:	Non-Irritant, Non-Primary Sensitizer & Non-Photo irritant.
Sensitisation:	Non-Primary Sensitizer; Will not cause allergic contact dermatitis (In Chemico Skin Sensitization Direct Peptide Reactivity Assay & In Vitro Skin Sensitization ARE-Nrf2 Luciferase Test Method).
Mutagenicity:	Non-Mutagenic (OECD471/ISO10993.Part 3 – Genotoxicity: Bacterial Reverse Mutation Test).
Additional Toxicological Information:	This product is not subject to classification according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version.
For more information:	Does not present any particular risk on handling under normal conditions of good occupational hygiene practice.

This product has not been tested for the following:

- Primary cutaneous and corrosive irritation
- Acute oral toxicity

12 ECOLOGICAL INFORMATION

Ecotoxicity

Effects on the aquatic environment:

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EC10 (Freshwater Alga): 155.23 mg/L - Not harmful to aquatic organisms

EC20 (Freshwater Alga): 281.45 mg/L - Not harmful to aquatic organisms

Biodegradability

Persistence

Readily Biodegradable (88.7% biodegradation after 28 days of testing).

Mobility

Expected behavior of the product:

Ultimate destination of the product: Soil & sediment.

13 DISPOSAL CONSIDERATIONS

Residues from product

Prohibition

Do not allow the product to be released into the Environment.

Destruction / Disposal

Dispose of in accordance with relevant local regulations.

Contaminated packaging

Decontamination/cleaning

Cleaning is not required prior to disposal.

14 TRANSPORT INFORMATION

UN Number

None.

UN Shipping Name

None.

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Transport Hazard Class

Not classified as dangerous for transport.

Land (rail/road)

Material is not restrictive for land transport and is not regulated by ADR/RID.

Sea

Material is not restrictive for sea transport and is not regulated by IMO/IMDG.

Air

Material is not restrictive for air transport and is not regulated by ICAO/IATA.

Marine Pollutant

No.

Transport/Additional Information

Not regulated for US DOT Transport in non-bulk containers.

This material is not dangerous or hazardous.

15 REGULATORY AND OTHER INFORMATION

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

Labeling:

EC regulations:

This product does not need to be labeled in accordance with EC Directives or respective national laws.

Further regulations

United Kingdom:

Handle in accordance with relevant British regulation: control of substance Hazardous to Health
Regulations Environmental

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Hygiene Guidance: EH40

Workplace Exposure Limits (revised annually)

Korea regulations:

Industrial safety and hygiene regulation: No

Hazardous material control regulation: No

Fire prevention regulation: No

Other regulations:

EINECS inventory status: Punica Granatum Sterols: N/A

TSCA inventory status: Exempt

AICS inventory status: Exempt: 949109-75-5

Canadian (CEPA DSL) inventory status: Listed as Sterols, Phytosterols (Revised ICL)

Japan (MITI list): Punica Granatum Sterols

Korea: Punica Granatum Sterols**

China inventory status: Punica Granatum Sterols

Philippines inventory status: Exempt: Punica Granatum Sterols (949109-75-5)

**Not listed on Cosmetic-Info database (or) on Restricted List

**Not listed in 2004 CTFA Dictionary – Registered with Personal Care Products Council

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

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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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