

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: Tagravit R2
Reference number: RMTR-0524A
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

Trade Name: Tagravit R2
TR Ref. Number: RMTR-0524A

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1.5 EMERGENCY CONTACTS – INSTITUTIONAL CENTRES

Australia

Poisons Information Centre 13 11 26

2 HAZARD IDENTIFICATION

Classification:

This mixture is not classified as hazardous according to the Regulation (EC) No 1272/2008 and the Council Directives 67/548/EEC and 1999/45/EEC.

Substance Most important hazards:

Classification of the substance Retinol:

- Classification according to Regulation (EC) No 1272/2008 [EU-GHS/CLP]:
Eye irritation (category 2)

Hazard Statements:

H315 Causes skin irritation

H360D May damage the unborn child

Classification according to EU Directive 67/548/EEC or 1999/45/EC

R36: Irritating to eyes

R38: Irritating to skin

R61: May cause harm to unborn child

Other Hazards

None

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3 COMPOSITION/ INFORMATION ON INGREDIENTS

INCI Name	Chemical Name	CAS Number	Concentration (%)
Retinol	Retinol	68-26-8	14 - 16
Polymethyl methacrylate	-	9011-14-7	52 - 54
BHT	2,6-di-tertButyl-p-cresol	128-37-0	7 - 9
Apricot Kernel Oil PEG-6 Esters	-	69071-70-1	18 - 20
Triglycerides of caprylic/ capric acid	-	65381-09-1	4 - 6

4 FIRST AID MEASURES

General advice:	Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves..
Inhalation:	Move to fresh air. If breathing is difficult, give oxygen. Get medical attention, if needed.
Ingestion:	Do not induce vomiting. If swallowed, rinse mouth with water (only if the person is conscious). Get medical attention if symptoms occur.
Skin contact:	Product must be rinsed of running water. Get medical attention if irritation develops or persists.
Eye contact:	Immediately wash eyes with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Get Medical attention if irritation develops or persists.

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5 FIRE FIGHTING MEASURES

Suitable extinguishing media: Dry chemical, CO₂, water spray or regular foam.

Advice for firefighters A self contained breathing apparatus and suitable clothing should be worn in fire conditions.

6 ACCIDENTAL RELEASE MEASURES

Personal precautions: Avoid dust formation. Ensure adequate ventilation

Environmental precautions: Prevent further leakage or spillage if safe to do so. Do not contaminate water.

Methods for containment: Block any potential routes to water systems.

Methods for cleaning up: Use any suitable mechanical means, but avoid dusting during clean up. Sweep up and shovel into waste drums or plastic bags. Wash the spillage area with water

7 HANDLING AND STORAGE

Precautions for safe handling: Minimize dust generation and accumulation. Do not breathe dust. Do not get this material in contact with eyes. Avoid contact with skin. Do not handle or store near an open flame, heat or other sources of ignition. Wash hands after handling and before eating.

Storage: Store in a dry, well-ventilated, dark area at temperature < 10 °C. Store in a tightly closed container. keep away from direct sunlight and sources of heat.

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8 EXPOSURE CONTROLS AND PERSONAL PROTECTION

Occupational Exposure Limits: There are no ACGIH TLVs or OSHA PEL established for this product.

Exposure Controls:

- General Hygiene Considerations Handle in accordance with good industrial hygiene and safety practice.
 - Respiratory Protection A suitable dust mask or dust respirator with filter type P2 maybe appropriate where airborne concentrations are expected to exceed exposure limits.
 - Hand Protection Wear suitable protective gloves.
 - Skin Protection Wear suitable protective clothing.
 - Eye/Face Protection Wear chemical goggles.
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9 PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Appearance: Free flowing powder.
Colour: Light yellow
Odour: Characteristic
Physical State: Solid
Form: Powder
Relative Density: Loose: - 0.1 g/cm*
Packed:- 0.2 g/cm
Water solubility: Insoluble
Solubility (qualitative): Soluble in dichloromethane, ethyl acetate, and acetone. Softening in lower alcohols. Dispersible in all types of cosmetic formulations.

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10 STABILITY AND REACTIVITY

Chemical Stability: Stable up to 40 °C.

Conditions to Avoid: Avoid temperatures above 40 °C.

Incompatible Materials: Oxidizers, strong acids and bases.

11 TOXICOLOGICAL INFORMATION

Acute Toxicity: No toxicological effect known.

Local Effects: Eye: May cause eye irritation

Skin: May cause skin irritation. Not hazard for usual industrial handling

Ingestion: May cause irritation. Not hazard for usual industrial handling

Inhalation: May cause irritation. Not hazard for usual industrial handling

Toxicological data of the main substances in mixture

- Substance acute toxicity: Test Results
- Poly methyl methacrylate: No adverse effects of overexposure known.
- Retinol: LD50 rat (oral): > 2,000mg/kg
- BHT: LD50 rat (oral): > 1,700 mg/kg

Other Relevant Hazard/Effects of substances:

No known health effects for this element.

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12 ECOLOGICAL INFORMATION

Ecotoxicity: Components of this product have been identified as having potential environmental concerns. Adopt good working practices, so that the product is not released into the environment.

Environmental effects: An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

Persistence and degradability Non - biodegradable.

13 DISPOSAL CONSIDERATIONS

Product: The wastage is considered to be non-hazardous. Place in an appropriate disposal facility in compliance with local and national regulations.

Packaging: Containers that cannot be cleaned must be treated waste and disposed of in an approved industrial incineration facility. The empty and clean containers may be reused in conformity with regulations.

14 TRANSPORT INFORMATION

RID/ ADR Classification: Not regulated

IMDG/ IACO Classification: Not regulated

IATA Classification: Not regulated

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15 REGULATORY AND OTHER INFORMATION

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

European Regulations

Regarding to present data no classification and labeling is required for the mixture according to Directives 67/548/EEC or 1999/45/EC.

Hazard symbol: Not subject to labeling

Hazard classification: Not hazardous

US Federal

None of the ingredients in this product are on the Health & Safety Reporting List.

None of the ingredients in this product are under a Chemical Test Rule None of the ingredients in this product are listed under TSCA Section 12b.

None of the ingredients in this product have a SNUR under TSCA.

None of the ingredients in this product have an RQ under CERCLA Hazardous Substances.

None of the ingredients in this product are considered hazardous by OSHA.

Retinol is listed on California Prop 65.

None of the ingredients in this product are listed on IARC, NTP, and CIR Compendium.

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

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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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