

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	GLYCOLIC ACID 70%
SKU	RMTR-0266A

## 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

Other GHS Classification: H302 Harmful if swallowed (Acute Toxicity - Oral - Category 4)

Classified as hazardous according to Australian WHS GHS criteria H314 Causes severe skin burns and eye damage (Skin Corrosion/Irritation - Category 1B)

H318 Causes serious eye damage (Serious Eye Damage/Irritation - Category 1)

## 3 COMPOSITION/ INFORMATION ON INGREDIENTS

INCI Name	CAS No	Comments	Composition Range %	Classification of Ingredient in accordance with Safe Work Australia
Glycolic Acid	79-14-1	-	70.0	Not classified
Water	7732-18-5	-	30.0	Not classified

## 4 FIRST AID MEASURES

If inhaled	Remove to fresh air. If symptoms develop, seek immediate medical attention. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.
In case of skin contact	Immediately flush with water. Remove contaminated clothing and shoes. Get medical attention if irritation persists. Professionally wash clothing and shoes before re-use.
In case of eye contact	Immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation persists.
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	No further information available.

## 5 FIRE FIGHTING MEASURES

Suitable extinguishing media	SMALL FIRES: Water, dry chemical or carbon dioxide. LARGE FIRES: water spray, fog, or foam.
Not suitable extinguishing media	No further information available.
Special hazards arising from the substance or mixture incompatibilities	During a fire, irritating and highly toxic gases may be generated during combustion or decomposition.
Specific and uses	Fire fighters and others who may be exposed to the products of combustion should be equipped with NIOSH-approved positive pressure self-contained breathing apparatus (SCBA) and full protective clothing.
Further information	No further information available.
Hazardous Combustion & Decomposition Products:	Smoke, soot, and toxic/irritating fumes (i.e., carbon dioxide, carbon monoxide, etc.).

## 6 ACCIDENTAL RELEASE MEASURES

Personal precautions	Appropriate safety measures and protective equipment should be used.
Environmental precautions	No further information available.
Evacuation Criteria:	Isolate hazard area. Keep unnecessary and unprotected personnel from entering. Eliminate all sources of ignition.
Containment:	Safely stop discharge. Contain material, as necessary, with a dike or barrier. Stop material from contaminating soil, or from entering sewers or bodies of water.

Collection & Disposal:

Stop discharge, if safe to do so. Use proper protective equipment. Absorb, place in a bag or drum and hold for proper disposal.

Ventilate area and wash spill site after material pickup is complete. Dispose of according to applicable local, state and federal regulations.

## 7 HANDLING AND STORAGE

### Precautions for safe handling

General protective measures	<p>It is stable when stored under normal conditions</p> <p>If stored at temperatures below 14°C (57°F), precipitation may occur. This precipitation does not affect product quality.</p> <p>In order to re-dissolve the crystalline glycolic acid, the mixture must be heated to 40°C (104°F) with agitation.</p> <p>Under no circumstances should the material be heated above 50°C (122°F).</p>
Measures to prevent Fire	No further information available.
Conditions for safe storage, including any incompatibilities	<p>Store product in dry, well ventilated area away from heat, ignition sources, and direct sunlight.</p> <p>Keep containers tightly closed.</p>
Specific and uses	Cosmetic preparations
Transfer:	<p>Follow good manufacturing and handling practices. Since material is very hygroscopic, eliminate all sources of humidity during handling or transfer.</p> <p>Do not breathe vapor. Do not get in eyes, on skin or on clothing. Avoid prolonged or repeated exposure.</p>
Personal Hygiene:	<p>Wash thoroughly after handling, especially before eating, drinking, smoking, and using restroom facilities. Wash contaminated goggles faceshield, and gloves. Professionally launder contaminated clothing before re-use.</p>
Empty Container Precautions:	<p>Attention! This container can be hazardous when empty. Follow label warnings even after container is emptied since empty containers may retain product residues.</p> <p>Do not reuse empty container without professional cleaning for food, clothing, or products for human or animal consumption or where skin contact can occur.</p>

## 8 EXPOSURE CONTROLS AND PERSONAL PROTECTION

Exposure Controls (mixture)	No further information available.
<b>Exposure Controls</b>	
General Engineering Measures	Local exhaust ventilation is recommended when dusts can be released.
General Industrial Hygiene Practices	See section 7.
General Hand Protections Measurements	<p>Wear protective clothing and appropriate impervious gloves. Because a variety of protective gloves exist, consult glove manufacturer to determine the proper type for a specific operation.</p> <p>An emergency shower should be readily available. Use Nitrile rubber gloves 0.11 mm thickness minimum.</p>
General Eye Protection Measures	Wear chemical splash goggles. An eye wash facility should be readily available. Wear NIOSH/MSHA approved equipment (UN 166).
Respiratory protection:	<p>Avoid breathing vapor or dusts. Wear NIOSH/MSHA-approved equipment (UN 166). Determine the appropriate type by consulting the respirator manufacturer.</p> <p>High airborne concentrations may necessitate the use of self-contained breathing apparatus (SCBA) or a supplied air respirator. Respiratory protection programs must be in compliance with 29 CFR 1910.134 (US) and CEN (EU).</p>

## 9 PHYSICAL AND CHEMICAL PROPERTIES

Test Item	Comments	Unit of measurement	Specification (Lower)	Specification (Upper)
Appearance	Colourless	-	Complies	Complies
Physical State	Solution	-	Complies	Complies
Solubility	Easily soluble in cold water	-	Complies	Complies
pH	50% Aqueous solution	-	0.9	1.0
Vapour Pressure	8.1 mmHg/80C	-	Complies	Complies
Specific Gravity	1.27	-	Complies	Complies
Non-Vol	70%	-	Complies	Complies

## 10 STABILITY AND REACTIVITY

Reactivity	No further information available.
Chemical Stability	Stable under normal conditions.
Possibility of Hazardous	Hazardous polymerisation will not occur.
Conditions to Avoid	High temperatures. Humid conditions.
Incompatible Materials	Reducing agents. Oxidizers. Strong bases.

## 11 TOXICOLOGICAL INFORMATION

Sensitization:	Will not occur.
Signs and Symptoms of Exposure:	Material is extremely destructive to tissue of the mucous membranes and upper respiratory tract, eyes, and skin. Inhalation may result in spasm, inflammation and edema of the larynx and bronchi, chemical pneumonitis and pulmonary edema. Symptoms of exposure may include burning sensation, coughing, wheezing, laryngitis, shortness of breath, headache, nausea and vomiting.
Toxicity Data:	Oral LD50, Rat, 1950 mg/kg Inhalation LC50, Rat, 7100 mg/m3 Intravenous LD50, Cat, 1 GM/KG mg/kg
Irritation Data:	Eyes, Rabbit, Severe Irritation Skin, Rabbit, Severe Irritation
Chronic Exposure - Reproductive Hazard:	Species: Rat Dose: 9 Gm/KG Route of Application: Oral Exposure Time: (7-12D Preg) Result: Maternal effects: Other effects. Effects on Embryo or Fetus: Fetotoxicity (except death, e.g., stunted fetus). Specific developmental abnormalities: Musculoskeletal system

## 12 ECOLOGICAL INFORMATION

Acute Toxicity Tests:	Test Type: LC50 Fish Species: Brachydanio rerio Time: 96 hr Value: 5,000 mg/l
Biodegradability:	The data indicates that glycolic acid has a slight aquatic toxicity due to the shift in pH. Avoid contamination of the environment.  Readily biodegradable. No indication of bioaccumulation potential. After 7 days, 89.3% is biodegraded (closed bottle test)

## 13 DISPOSAL CONSIDERATIONS

Disposal:	Dispose in accordance with all local, state, and federal regulations.
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General Statements:	Federal regulations may apply to empty container. State and/or local regulations may be different.
General Recommendations:	Of the methods of disposal currently available, it is recommended that an alternative be selected according to the following order of preference, based upon environmental acceptability: (1) recycle or rework, if feasible; (2) incinerate at an authorized facility; or (3) treat at an acceptable waste treatment facility
Special Instructions:	Be sure to contact the appropriate government environmental agencies if further guidance is required.

## 14 TRANSPORT INFORMATION

Land transport - DOT	See below.
Sea transport - IMDG	See below.
Air transport - IATA/ICAO DOT, IATA and IMO	See below.
Proper shipping name:	Corrosive liquid, acidic, organic, n.o.s. (Glycolic Acid)
UN number:	3265
Class:	8
Packing group:	II
Hazard Label:	Corrosive
EmS Code:	F-A, S-B

## 15 REGULATORY AND OTHER INFORMATION

SUSMP	Schedules	AICIS
Scheduled	Schedule 6	Listed

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



# SAFETY DATA SHEET

Issue Date	02-Dec-2021
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Revision Date	03-May-2023
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Version	06
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