

# TRULUX SAFETY DATA SHEET

Provides critical information on hazardous substances or mixtures.

## 1.1 COMPANY IDENTIFICATION

Company's name:	Trulux Pty Ltd
Email address:	<a href="mailto:info@trulux.com.au">info@trulux.com.au</a>
Website:	<a href="http://www.trulux.com.au">www.trulux.com.au</a>
Contact number:	+61 2 5566 0566

## 1.2 PRODUCT IDENTIFICATION

Trade name:	Tru-Guard Cha
SKU:	RMTR-0503A
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:	<a href="http://www.trulux.com.au">www.trulux.com.au</a>
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

### Hazard Classification (Australian GHS)

HAZARDOUS CHEMICAL

### Hazard Classification (New Zealand)

HAZARDOUS SUBSTANCE

### GHS Hazard Classification

Serious Eye Damage / Eye Irritation Cat. 2

### HSNO (NZ) Classification

6.4A

Classified in accordance to the Globally Harmonized System of Classification and Labelling of Chemicals (GHS) and the Australian Dangerous Goods Code. NZ Classifications in accordance with HSNO Act requirements and Land Transport Rule.

### SIGNAL WORD

WARNING

### HAZARD STATEMENTS

H319 - Causes serious eye irritation

### PRECAUTIONARY STATEMENTS

P264 - Wash hands thoroughly after handling.

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P280 - Wear protective gloves/protective clothing/eye protection/face protection.

P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337 + P313 - If eye irritation persists: Get medical advice/attention.

## **GHS PICTOGRAMS**



## **TRANSPORT CLASSIFICATION**

### **Transport Classification**

NOT DANGEROUS GOODS

### **Special Provision AU 01 (ADG Code), only applies to road and rail transport in Australia**

Environmentally Hazardous Substances meeting the descriptions of UN 3077 or UN 3082 are not subject to this Code when transported by road or rail in packagings that do not incorporate a receptacle exceeding 500 kg(L) or (b) IBCs.

REF: ADG Code (v.7.3 and v.7.4) section 3.3.3

## **HSNO INFORMATION**

HSNO APPROVAL GROUP: Additives, Process Chemicals and Raw Materials (Subsidiary Hazard) Group Standard 2017

GROUP STANDARD: HSR002503

ASSESSED BY: **A S Harrison & Co Pty Limited**

NOTE: This material should not be used for any other purpose than the intended use in Section 1 without expert advice. Health studies have shown that chemical exposure may cause potential human health risks which may vary from person to person.

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## 3 COMPOSITION/ INFORMATION ON INGREDIENTS

Component Name	CAS Number	Concentration (%)	H-phrases
Caprylyl Glycol	1117-86-8	65 - 75	H319
Caprylhydroxamic Acid	7377-03-9	10 - 20	
Glycerin	56-81-5	10 - 20	

\* All concentrations are percent by weight unless the ingredient is a gas. Gas concentrations are in percent by volume. Other ingredients determined not to be hazardous up to 100%

## 4 FIRST AID MEASURES

Contact the National Poison Information Centre on 13 11 26 or a Doctor in every case of suspected chemical poisoning. Never give fluids or induce vomiting if a patient is unconscious or convulsing regardless of cause of injury. If breathing difficulties occur seek medical attention immediately.

### Skin Contact

For skin contact, wipe away excess material with dry towel. Then wash affected areas with plenty of water, and mild soap if available, for several minutes. Get medical attention if irritation occurs.

### Eye Contact

In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation occurs.

### Ingestion

If swallowed, observe the victim for 24 hours; seek medical attention if indicated. If vomiting occurs spontaneously, keep head below hips to prevent aspiration

### Note to Physician

Treatment based on sound judgement of physician and individual reactions of patient.

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## 5 FIRE FIGHTING MEASURES

### Flash Point

138 °C

### Extinguishing Media

Use fire-fighting measures that suit the environment.

Water fog, carbon dioxide, foam, dry chemical.

### Special Fire-fighting Measures

Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Use water spray to cool nearby containers and structures exposed to fire. Fire involving large amounts of material should not be approached because individual containers may rupture abruptly causing "fireball" effect.

### Fire & Explosion Hazards

In a fire or if heated, a pressure increase will occur, and the container may burst.

### Recommended Protective Clothing

Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.

### Hazardous Combustion Products

Combustion products may include carbon dioxide, carbon monoxide and oxides of nitrogen.

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## 6 ACCIDENTAL RELEASE MEASURES

### Personal Precautions and PPE

No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment.

### Spill Management

#### **Small Spill**

Stop leak if without risk. Move containers from spill area. Absorb with inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

#### **Large Spill**

Stop leak if without risk. Move containers from spill area. Prevent entry into sewers, water courses, basements or confined areas. Contain and collect spillage with noncombustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations. Dispose of via a licensed waste disposal contractor.

### Environmental Precautions

Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused or may cause environmental pollution.

## 7 HANDLING AND STORAGE

### Handling Precautions

May solidify or precipitate. Gently heat to 35-45°C and mix until material is homogeneous. Work clothes should be washed separately at the end of each workday. Disposable clothing should be discarded with material. Put on appropriate personal protective equipment (see section 8). Eating, drinking and smoking

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should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking.

## **Storage Precautions**

Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area. Store away from incompatible materials (see section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination.

Check technical data sheet for specific storage information.

## **8 EXPOSURE CONTROLS AND PERSONAL PROTECTION**

These precautions are suggested for conditions where the potential for exposure exists.

Emergency conditions may require additional precautions.

## **Exposure Limit Values**

No known exposure limit values.

## **Engineering Controls**

The level of protection and types of controls necessary will vary depending upon potential exposure conditions.

## **Consider These Controls**

No unusual ventilation required.

## **Personal Protection**

Personal protective equipment selections vary based on potential exposure conditions such as applications, handling practices, concentration and ventilation. Information on the selection of protective equipment for use with this material, as provided below, is based upon intended, normal usage.

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## Respiratory Protection

If engineering controls do not maintain airborne contaminant concentrations at a level which is adequate to protect worker health, an approved respirator may be appropriate. Respirator selection, use, and maintenance must be in accordance with regulatory requirements, if applicable. Types of respirators to be considered for this material include: Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

## Hand Protection

Types of hand protection to be considered for this material include chemical resistant gloves. Glove suitability and breakthrough time will differ depending on the specific use conditions. Contact the glove manufacturer for specific advice on glove selection and breakthrough times for your use conditions. Inspect and replace worn or damaged gloves.

## Eye Protection

Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists or dusts. Splash goggles should be considered.

## Skin and Body Protection

Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

## Specific Hygiene Measures

Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

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## 9 PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Pale to yellow liquid, may contain crystals.
Odour:	Mild to characteristic odour.
Flash Point:	138 °C
Water solubility:	Dispersible
Viscosity:	71 cSt at 40 °C

## 10 STABILITY AND REACTIVITY

### Reactivity

The product is not expected to be unusually reactive under normal use conditions.

### Stability

Stable when stored indoors, below 30°C and away from sources of heat.

### Hazardous Reactions

Under normal conditions of storage and use hazardous reactions will not occur.

### Hazardous Decomposition Products

Stable at recommended storage conditions, excessive heat may thermally decompose.

## 11 TOXICOLOGICAL INFORMATION

### Acute Toxicity

Product not classified.

### Serious Eye Damage / Irritation

Causes serious eye irritation.

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## **TOXICITY DATA**

Component	Oral LD50	Dermal LD50	Inhalation LC50
Caprylhydroxamic Acid	> 10700 mg/kg (Rat)		
Glycerin	> 12,600 mg/kg (Rat)	> 10 g/kg (Rabbit)	> 570 mg/m <sup>3</sup> (Rat) 1 h
Caprylyl Glycol			
Skin sensitization	In an RIPT of 52 subjects, caprylyl glycol did not indicate a potential for dermal irritation and/or sensitization.		
Caprylhydroxamic Acid			
Skin sensitization	In an RIPT of 52 subjects, caprylhydroxamic acid did not indicate a potential for dermal irritation and/or sensitization.		
Serious eye damage/eye irritation	Caprylhydroxamic acid is classified as non-irritating/minimally irritating in an EpiOcular MTT Viability Assa (non-animal). ET50 > 130.8 based on ocular toxicity or irritation potential of the test substance for MTT viability of EpiOcular samples.		

## **12 ECOLOGICAL INFORMATION**

The information given is based on data available for the material, the components of the material, and similar materials.

### **Ecotoxicity**

Product not classified as an aquatic toxicant.

Do not allow product or runoff from fire control to enter storm or sanitary sewers, lakes, rivers, streams, or public waterways. The spill area must be cleaned and restored to the original condition or to the satisfaction of authorities.

### **Persistence and Degradability**

Tested as readily biodegradable.

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## 13 DISPOSAL CONSIDERATIONS

Disposal recommendations based on material as supplied. Disposal must be in accordance with current applicable laws and regulations, and material characteristics at time of disposal.

### Safe Handling and Disposal Methods

The generation of waste should be avoided or minimised wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and nonrecyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction.

### Disposal of Contaminated Packaging

Empty containers or liners may retain some product residues and should be disposed of accordingly.

### Environmental Regulations

All disposal should take place in accordance with local, national and international regulations.

## 14 TRANSPORT INFORMATION

Product classified as NOT DANGEROUS according to Australian Dangerous Goods Code & NZ Land Transport Rule.

### IATA / ICAO

Classified as NOT DANGEROUS Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

### IMO / IMDG

Classified as NOT DANGEROUS Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

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## **SPECIAL PROVISION AU01, ONLY APPLIES WITHIN AUSTRALIA**

Environmentally Hazardous Substances meeting the descriptions of UN 3077 or UN 3082 are not subject to this Code when transported by road or rail in packaging that does not incorporate a receptacle exceeding 500 kg(L) or (b) IBCs.

REF: ADG Code (v.7.3 and v.7.4) section 3.3.3

## **15 REGULATORY AND OTHER INFORMATION**

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

### **Inventory Compliance**

AICS: All components listed (or exempted from listing) on AICS.

NZIoC: All components listed or exempted.

## **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.

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