

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:	Polycare Split Therapy
SKU:	RMTR-1017A
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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Trulux SKU RMTR-1017A
Doc: RMSDS - Polycare Split Therapy

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1.5 EMERGENCY CONTACTS - INSTITUTIONAL CENTRES

Australia Poisons Information Centre 13 11 26

2 HAZARDS IDENTIFICATION

Classification of the substance or mixture

NON-HAZARDOUS CHEMICAL. NON-DANGEROUS GOODS. According to the WHS Regulations and the ADG Code.

Not considered a Hazardous Substance according to the criteria of the New Zealand Hazardous Substances New Organisms legislation.

Not regulated for transport of Dangerous Goods.

3 COMPOSITION/ INFORMATION ON INGREDIENTS

Name	CAS Number	Concentration (%)
Guar hydroxypropyltrimonium chloride hydroxypropyl	71329-50-5	> 60

4 FIRST AID MEASURES

Eye Contact

If in eyes, hold eyelids apart and flush the eye continuously with running water. Continue flushing until advised to stop by the Poisons Information Centre or a doctor, or for at least 15 minutes. Ensure complete irrigation of the eye by keeping eyelids apart and away from eye and moving the eyelids by occasionally lifting the upper and lower lids. Seek medical attention without delay; if pain persists or recurs seek medical attention. Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.

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Skin Contact

Flush skin and hair with running water (and soap if available). Seek medical attention in event of irritation.

Inhalation

If fumes, aerosols or combustion products are inhaled remove from contaminated area. Other measures are usually unnecessary.

Ingestion

If poisoning occurs, contact a doctor or Poisons Information Centre.

If swallowed do NOT induce vomiting. If vomiting occurs, lean patient forward or place on left side (head-down position, if possible) to maintain open airway and prevent aspiration. Observe the patient carefully. Never give liquid to a person showing signs of being sleepy or with reduced awareness; i.e. becoming unconscious. Give water to rinse out mouth, then provide liquid slowly and as much as casualty can comfortably drink. Seek medical advice.

Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

5 FIRE FIGHTING MEASURES

Suitable extinguishing media

Water spray or fog. Foam. Dry chemical powder. BCF (where regulations permit). Carbon dioxide.
Do not use water jets.

Special hazards arising from the substrate or mixture

Fire Incompatibility

Avoid contamination with oxidising agents i.e. nitrates, oxidising acids, chlorine bleaches, pool chlorine. Ignition may result.

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Advice for firefighters

Fire Fighting

Alert Fire Brigade and tell them location and nature of hazard.

Wear breathing apparatus plus protective gloves.

Prevent, by any means available, spillage from entering drains or water courses.

Use water delivered as a fine spray to control fire and cool adjacent area.

DO NOT approach containers suspected to be hot.

Cool fire exposed containers with water spray from a protected location.

Fire/Explosion Hazard

- ❖ Non combustible.
- ❖ Not considered a significant fire risk, however containers may burn.

Decomposition may produce toxic fumes of:

- ❖ Carbon monoxide (CO)
- ❖ Carbon dioxide (CO₂)
- ❖ Hydrogen chloride
- ❖ Phosgene
- ❖ Nitrogen oxides (NO_x)
- ❖ Other pyrolysis products typical of burning organic material.
- ❖ May emit corrosive fumes.

6 ACCIDENTAL RELEASE MEASURES

Methods and material for containment and cleaning up

Minor Spills

Clean up all spills immediately.

Avoid breathing dust and contact with skin and eyes.

Wear protective clothing, gloves, safety glasses and dust respirator.

Use dry clean up procedures and avoid generating dust.

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Sweep up, shovel up or Vacuum up (consider explosion-proof machines designed to be grounded during storage and use).

Place spilled material in clean, dry, sealable, labelled container.

Major Spills

Moderate hazard.

CAUTION: Advise personnel in area.

Alert Emergency Services and tell them location and nature of hazard.

Control personal contact by wearing protective clothing.

Prevent, by any means available, spillage from entering drains or water courses.

Recover product wherever possible.

7 HANDLING AND STORAGE

Precautions for safe handling

Safe handling

Avoid all personal contact, including inhalation.

Wear protective clothing when risk of exposure occurs.

Use in a well-ventilated area.

Prevent concentration in hollows and sumps.

DO NOT enter confined spaces until atmosphere has been checked.

DO NOT allow material to contact humans, exposed food or food utensils.

Organic powders when finely divided over a range of concentrations regardless of particulate size or shape and suspended in air or some other oxidising medium may form explosive dust-air mixtures and result in a fire or dust explosion (including secondary explosions)

Minimise airborne dust and eliminate all ignition sources. Keep away from heat, hot surfaces, sparks, and flame.

Establish good housekeeping practices.

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Remove dust accumulations on a regular basis by vacuuming or gentle sweeping to avoid creating dust clouds.

Use continuous suction at points of dust generation to capture and minimise the accumulation of dusts. Particular attention should be given to overhead and hidden horizontal surfaces to minimise the probability of a "secondary" explosion.

Other Information

Store in original containers.

Keep containers securely sealed.

Store in a cool, dry area protected from environmental extremes.

Store away from incompatible materials and foodstuff containers.

Protect containers against physical damage and check regularly for leaks.

Observe manufacturer's storage and handling recommendations contained within this SDS.

Conditions for safe storage, including any incompatibilities

Suitable container

Lined metal can, lined metal pail/ can.

Plastic pail.

Polyliner drum.

Packing as recommended by manufacturer.

Check all containers are clearly labelled and free from leaks.

Storage incompatibility

Avoid reaction with oxidising agents.

Avoid strong acids, acid chlorides, acid anhydrides and chloroformates.

Avoid storage with reducing agents.

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8 EXPOSURE CONTROLS AND PERSONAL PROTECTION

Appropriate engineering controls

Engineering controls are used to remove a hazard or place a barrier between the worker and the hazard. Well-designed engineering controls can be highly effective in protecting workers and will typically be independent of worker interactions to provide this high level of protection.

The basic types of engineering controls are:

Process controls which involve changing the way a job activity or process is done to reduce the risk.

Enclosure and/or isolation of emission source which keeps a selected hazard "physically" away from the worker and ventilation that strategically "adds" and "removes" air in the work environment. Ventilation can remove or dilute an air contaminant if designed properly. The design of a ventilation system must match the particular process and chemical or contaminant in use.

Personal protection



Eye and face protection

Safety glasses with side shields.

Chemical goggles.

Contact lenses may pose a special hazard; soft contact lenses may absorb and concentrate irritants. A written policy document, describing the wearing of lenses or restrictions on use, should be created for each workplace or task. This should include a review of lens absorption and adsorption for the class of chemicals in use and an account of injury experience. Medical and first-aid personnel should be trained in their removal and suitable equipment should be readily available.

Hands/feet protection

The selection of suitable gloves does not only depend on the material, but also on further marks of quality

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which vary from manufacturer to manufacturer. Where the chemical is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

The exact break through time for substances has to be obtained from the manufacturer of the protective gloves and has to be observed when making a final choice.

Personal hygiene is a key element of effective hand care. Gloves must only be worn on clean hands. After using gloves, hands should be washed and dried thoroughly.

Experience indicates that the following polymers are suitable as glove materials for protection against undissolved, dry solids, where abrasive particles are not present.

- ❖ Polychloroprene.
- ❖ Nitrile rubber.
- ❖ Butyl rubber.
- ❖ Fluorocautchouc.
- ❖ Polyvinyl chloride.

Other Protection

Overalls. P.V.C apron. Barrier cream. Skin cleansing cream. Eye wash unit.

Respiratory protection

Particulate. (AS/NZS 1716 & 1715, EN 143:2000 & 149:001, ANSI Z88 or national equivalent)

Required Minimum Protection Factor	Half-Face Respirator	Full-Face Respirator	Powered Air Respirator
up to 10 x ES	P1 Air-line*	-	PAPR-P1
up to 50 x ES	Air-line**	P2	PAPR-P2
up to 100 x ES	-	P3	-
		Air-line*	-
100+ x ES	-	Air-line**	PAPR-P3

* - Negative pressure demand ** - Continuous flow

A(All classes) = Organic vapours, B AUS or B1 = Acid gases, B2 = Acid gas or hydrogen cyanide(HCN), B3 = Acid gas or hydrogen cyanide(HCN), E = Sulphur dioxide(SO₂), G = Agricultural chemicals, K = Ammonia(NH₃), Hg = Mercury, NO = Oxides of nitrogen, MB = Methyl bromide, AX = Low boiling point organic compounds(below 65 degC)

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- ❖ · Respirators may be necessary when engineering and administrative controls do not adequately prevent exposures.
- ❖ · The decision to use respiratory protection should be based on professional judgement that takes into account toxicity information, exposure measurement data, and frequency and likelihood of the worker's exposure - ensure users are not subject to high thermal loads which may result in heat stress or distress due to personal protective equipment (powered, positive flow, full face apparatus may be an option).
- ❖ · Published occupational exposure limits, where they exist, will assist in determining the adequacy of the selected respiratory protection. These may be government mandated or vendor recommended.
- ❖ · Certified respirators will be useful for protecting workers from inhalation of particulates when properly selected and fit tested as part of a complete respiratory protection program.
- ❖ · Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU)
- ❖ · Use approved positive flow mask if significant quantities of dust becomes airborne.
- ❖ · Try to avoid creating dust conditions.

Class P2 particulate filters are used for protection against mechanically and thermally generated particulates or both.

P2 is a respiratory filter rating under various international standards, Filters at least 94% of airborne particles

Suitable for:

- ❖ · Relatively small particles generated by mechanical processes eg. grinding, cutting, sanding, drilling, sawing.
- ❖ · Sub-micron thermally generated particles e.g. welding fumes, fertiliser and bushfire smoke.
- ❖ · Biologically active airborne particles under specified infection control applications e.g. viruses, bacteria, COVID-19, SARS

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance;	White to pale yellow powder with amine like odour; soluble in water.
Physical State:	Divided Solid
Melting point/ freezing point:	170 °C
Decomposition temperature:	170
Water solubility:	Miscible
pH as a solution:	9 - 11

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10 STABILITY AND REACTIVITY

Chemical Stability

Unstable in the presence of incompatible materials.

Product is considered stable.

Hazardous polymerisation will not occur.

11 TOXICOLOGICAL INFORMATION

Information on toxicological effects

Inhaled

The material is not thought to produce adverse health effects or irritation of the respiratory tract (as classified by EC Directives using animal models). Nevertheless, good hygiene practice requires that exposure be kept to a minimum and that suitable control measures be used in an occupational setting.

Ingestion

The material has NOT been classified by EC Directives or other classification systems as "harmful by ingestion". This is because of the lack of corroborating animal or human evidence.

Skin Contact

The material is not thought to produce adverse health effects or skin irritation following contact (as classified by EC Directives using animal models). Nevertheless, good hygiene practice requires that exposure be kept to a minimum and that suitable gloves be used in an occupational setting.

Eye

Although the material is not thought to be an irritant (as classified by EC Directives), direct contact with the eye may produce transient discomfort characterised by tearing or conjunctival redness (as with windburn).

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Chronic

Long-term exposure to the product is not thought to produce chronic effects adverse to the health (as classified by EC Directives using animal models); nevertheless exposure by all routes should be minimised as a matter of course.

12 ECOLOGICAL INFORMATION

No further information available.

13 DISPOSAL CONSIDERATIONS

Waste treatment methods

Product / Packaging disposal

DO NOT allow wash water from cleaning or process equipment to enter drains.

It may be necessary to collect all wash water for treatment before disposal.

In all cases disposal to sewer may be subject to local laws and regulations and these should be considered first.

Where in doubt contact the responsible authority.

Ensure that the hazardous substance is disposed in accordance with the Hazardous Substances (Disposal) Notice 2017

Disposal Requirements

Not applicable as substance/ material is non hazardous.

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14 TRANSPORT INFORMATION

Labels Required

Marine Pollutant: NO

HAZCHEM: Not Applicable

Land transport (ADG)

Not regulated for transport of dangerous goods.

Land transport (UN)

Not regulated for transport of dangerous goods.

Air transport (ICAO-IATA / DGR)

Not regulated for transport of dangerous goods.

Sea transport (IMDG-Code / GGVSee)

Not regulated for transport of dangerous goods.

Transport in bulk according to Annex II of MARPOL and the IBC code

Not Applicable.

Transport in bulk in accordance with MARPOL Annex V and the IMSBC Code

Product name	Group
guar hydroxypropyltrimonium chloride hydroxypropyl	Not Available

Transport in bulk in accordance with the ICG Code

Product name	Group
guar hydroxypropyltrimonium chloride hydroxypropyl	Not Available

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15 REGULATORY AND OTHER INFORMATION

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

This substance is to be managed using the conditions specified in an applicable Group Standard.

guar hydroxypropyltrimonium chloride hydroxypropyl is found on the following regulatory lists

Australian Inventory of Industrial Chemicals (AIIC)

New Zealand Inventory of Chemicals (NZIoC)

National Inventory Status

National Inventory	Status
Australia - AIIC / Australia Non-Industrial Use	Yes
Canada - DSL	No (guar hydroxypropyltrimonium chloride hydroxypropyl)
Canada - NDSL	Yes
China - IECSC	Yes
Europe - EINEC / ELINCS / NLP	No (guar hydroxypropyltrimonium chloride hydroxypropyl)
Japan - ENCS	No (guar hydroxypropyltrimonium chloride hydroxypropyl)
Korea - KECI	No (guar hydroxypropyltrimonium chloride hydroxypropyl)
New Zealand - NZIoC	Yes
Philippines - PICCS	Yes
USA - TSCA	Yes
Taiwan - TCSI	Yes
Mexico - INSQ	No (guar hydroxypropyltrimonium chloride hydroxypropyl)
Vietnam - NCI	No (guar hydroxypropyltrimonium chloride hydroxypropyl)
Russia - FBEPH	No (guar hydroxypropyltrimonium chloride hydroxypropyl)

Legend

Yes = All CAS declared ingredients are on the inventory

No = One or more of the CAS listed ingredients are not on the inventory. These ingredients may be exempt or will require registration.

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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.

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