

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: Caresil CXG-1101
Reference number: RMTR-0199A
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: Caresil CXG-1101

TR Ref. Number: RMTR-0199A

Doc: RMSDS - Caresil CXG-1101

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1.5 EMERGENCY CONTACTS – INSTITUTIONAL CENTRES

Australia

Poisons Information Centre 13 11 26

2 HAZARD IDENTIFICATION

Classification (GHS-US): Flam. Liq. 4 H227

GHS-US labeling

- Signal Word (GHS-US): Warning
- Hazard Statements (GHS-US): H227 - Combustible liquid
- Precautionary Statements (GHSUS):
 - P210 - Keep away from heat, hot surfaces, open flames, sparks. - No smoking.
 - P280 - Wear eye protection, protective clothing, protective gloves.
 - P370+P378 - In case of fire: Use appropriate media to extinguish.
 - P403+P235 - Store in a well-ventilated place. Keep cool.
 - P501 - Dispose of contents/container according to local, regional, national, and international regulations.

Other Hazards: No further information available.

Unknown acute toxicity (GHS-US): No further information available.

3 COMPOSITION/ INFORMATION ON INGREDIENTS

Ingredients	CAS Number	Concentration (%)	Classification
Decamethylcyclopentasiloxane	541-02-6	83 - 93	Not classified
Siloxanes and Silicones, dimethyl, methyl hydrogen, reaction products with vinyl group-terminated dimethyl siloxanes	156065-02-0	7 - 17	Not classified

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4 FIRST AID MEASURES

General advice:	Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label if possible).
Inhalation:	Remove to fresh air and keep at rest in a position comfortable for breathing. Obtain medical attention if breathing difficulty persists.
Ingestion:	Do NOT induce vomiting. Rinse mouth. Immediately call a POISON CENTER or doctor/physician.
Skin contact:	Rinse immediately with plenty of water. Obtain medical attention if irritation develops or persists.
Eye contact:	Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention.
Most important symptoms and effects, both acute and delayed (if relevant):	Symptoms/injuries: None expected under normal conditions of use. Symptoms/injuries after inhalation: None under normal use. Symptoms/injuries after skin contact: None under normal use. Symptoms/injuries after eye contact: None under normal use. Symptoms/injuries after ingestion: Risk of ingestion is extremely unlikely. Chronic symptoms : None expected under normal conditions of use.
Indication of any immediate medical attention and special treatment needed:	If you feel unwell, seek medical advice (show the label where possible).

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5 FIRE FIGHTING MEASURES

Suitable extinguishing media:	Water spray, fog, carbon dioxide (CO ₂), alcohol-resistant foam, dry chemical, or sand.
Not suitable extinguishing media:	Do not use a heavy water stream. A heavy water stream may spread burning liquid.
Special hazards arising from the substance or mixture:	<u>Fire hazard:</u> Combustible liquid. <u>Explosion hazard:</u> May form flammable or explosive vapor-air mixture. <u>Reactivity:</u> Reacts violently with strong oxidizers. Increased risk of fire or explosion.
Advice for firefighters	<u>Precautionary measures fire:</u> Exercise caution when fighting any chemical fire. <u>Firefighting instruction:</u> Use water spray or fog for cooling exposed containers. <u>Protection during firefighting:</u> Do not enter fire area without proper protective equipment, including respiratory protection. <u>Other information:</u> Refer to Section 9 for flammability properties.

6 ACCIDENTAL RELEASE MEASURES

Personal precautions:	Avoid breathing vapor, mist, or spray. Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No smoking.
For non-emergency personnel	
• Protective equipment:	Use appropriate personal protection equipment (PPE).
• Emergency procedures:	Stop leak if safe to do so. Eliminate ignition sources. Ventilate area.

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Environmental precautions:	Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.
Methods for cleaning up:	
- Neutralization	Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.
- Cleaning/ decontamination	Clear up spills immediately and dispose of waste safely. Spills should be contained with mechanical barriers. Transfer spilled material to a suitable container for disposal. Contact competent authorities after a spill.

7 HANDLING AND STORAGE

Precautions for safe handling:

1- General protective measures:	1- Handle in accordance with good industrial hygiene and safety procedures. Wash hands and other exposed areas with mild soap and water before eating, drinking, or smoking and again when leaving work.
2- Measures to prevent Fire:	2- Handle empty containers with care because residual vapors are flammable. No naked lights. No smoking.
- Conditions for safe storage, including any incompatibilities:	Comply with applicable regulations. Store in a dry, cool and well-ventilated place. Incompatible with strong acids, strong bases and strong oxidizers.
- Specific and uses	Cosmetics, personal care products.

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8 EXPOSURE CONTROLS AND PERSONAL PROTECTION

Control Parameters	No Occupational Exposure Limits (OELs) have been established for this product or its chemical components.
Exposure Controls:	
• General Engineering Measures	Ensure adequate ventilation, especially in confined areas. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure all national/local regulations are observed.
• Personal Protective Equipment	Not generally required. The use of personal protective equipment may be necessary as conditions warrant.
• Consumer Exposure Controls	When using, do not eat, drink, or smoke.
• General Hand Protections	Not required for normal conditions of use.
Measurements	
• General Respiratory Protection	Use approved respirator or self-contained breathing apparatus whenever exposure may exceed established Occupational Exposure Limits
• General Eye Protection	Safety glasses.
Measures	
• General Skin and Body Protection	Wear suitable protective clothing.

9 PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical State: Gel

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Colour:	Colourless
Odour:	Characteristic
Flash Point:	77 °C (170.6 °F)
Specific Gravity:	0.91
Solubility:	Water: Insoluble Alcohol: Insoluble Lipids: Insoluble
Viscosity:	400,000 - 700,000 cP

10 STABILITY AND REACTIVITY

Reactivity:	Reacts violently with strong oxidizers. Increased risk of fire or explosion.
Chemical Stability:	Stable at standard temperature and pressure.
Possibility of Hazardous:	Hazardous polymerization will not occur.
Conditions to Avoid:	Direct sunlight. Extremely high or low temperatures.
Incompatible Materials:	Strong acids. Strong bases. Strong oxidizers.
Hazardous Decomposition Products:	Carbon oxides (CO, CO ₂). Silicon oxides.

11 TOXICOLOGICAL INFORMATION

Acute Toxicity:	Not classified.
Symptoms/injuries after ingestion:	Risk of ingestion is extremely unlikely.
Chronic symptoms:	None expected under normal conditions of use.
Other acute symptoms:	None under normal use.

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12 ECOLOGICAL INFORMATION

CXG-1101

Persistence and degradability:	Not established.
Bioaccumulative potential:	Not established.
Other information:	Avoid release to the environment.

13 DISPOSAL CONSIDERATIONS

Waste treatment methods:	The generation of waste should be avoided or minimized wherever possible. Avoid dispersal of spilled material and runoff contact with soil, waterways, drains and sewers. 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.
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14 TRANSPORT INFORMATION

In accordance with DOT / IMDG / IATA

The below information only applies to containers over 119 gallons or 450 liters. Not regulated if shipped in packages less than or equal to 119 gallons (450 Liters).

UN number

- DOT NA no.: NA1993

UN proper shipping name

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- DOT Proper Shipping Name: Combustible liquid, n.o.s. (Cyclosiloxanes)
 - Department of Transportation (DOT) Hazard Classes: 3 - Class 3 - Flammable and combustible liquid 49 CFR 173.120
 - DOT Symbols: D - Proper shipping name for domestic use only, G - Identifies PSN requiring a technical name
 - Packing group (DOT): III - Minor Danger
 - DOT Special Provisions (49 CFR 172.102):
IB3 - Authorized IBCs: Metal (31A, 31B and 31N); Rigid plastics (31H1 and 31H2); Composite (31HZ1 and 31HA2, 31HB2, 31HN2, 31HD2 and 31HH2). Additional Requirement: Only liquids with a vapor pressure less than or equal to 110 kPa at 50 C (1.1 bar at 122 F), or 130 kPa at 55 C (1.3 bar at 131 F) are authorized, except for UN2672 (also see Special Provision IP8 in Table 2 for UN2672).
T1 - 1.5 178.274(d)(2) Normal..... 178.275(d)(2)
T4 - 2.65 178.274(d)(2) Normal..... 178.275(d)(3)
TP1 - The maximum degree of filling must not exceed the degree of filling determined by the following: Degree of filling = $97 / (1 + a (tr - tf))$ Where: tr is the maximum mean bulk temperature during transport, and tf is the temperature in degrees celsius of the liquid during filling.
 - DOT Packaging Exceptions (49 CFR 173.xxx): 150
 - DOT Packaging Non Bulk (49 CFR 173.xxx): 203
 - DOT Packaging Bulk (49 CFR 173.xxx): 241

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Additional information

- Emergency Response Guide 128
(ERG) Number:
- Other information: No supplementary information available.

Transport by sea

- DOT Vessel Stowage Location: A - The material may be stowed "on deck" or "under deck" on a cargo vessel and on a passenger vessel.

Air transport

- DOT Quantity Limitations 60 L
Passenger aircraft/rail (49 CFR 173.27):
- DOT Quantity Limitations 220 L
Cargo aircraft only (49 CFR 175.75):

15 REGULATORY AND OTHER INFORMATION

US Federal regulations

CXG-1101	
SARA Section 311/312 Hazard Classes	Fire hazard

International regulations

Siloxanes And Silicones, Dimethyl, Methyl Hydrogen, Reaction Products With Vinyl Group-terminated Dimethyl Siloxanes (156065-02-0)

Regional Legislation

Listed on the Canadian DSL (Domestic Substances List)

Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China) Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory

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Listed on the Korean ECL (Existing Chemicals List) Listed on NZIoC (New Zealand Inventory of Chemicals) Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)
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Decamethylcyclopentasiloxane (541-02-6)
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Regional Legislation

Listed on the Canadian DSL (Domestic Substances List) Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China) Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory Listed on the Korean ECL (Existing Chemicals List) Listed on NZIoC (New Zealand Inventory of Chemicals) Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)

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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