

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: Xiameter PMX-200 Silicone Fluid 5 CS
Reference number: RMTR-0578A
Classification: This chemical is not classified as hazardous according to the criteria of the Work Health and Safety Regulations, Australia.

1.3 RELEVANT IDENTIFIED USES OF THE SUBSTANCE OR MIXTURE AND USES ADVISED AGAINST

Identified uses: Raw Material
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

Product's name: Xiameter PMX-200 Silicone Fluid 5 CS

TR Ref. Number: RMTR-0578A

Doc: RMSDS - Xiameter PMX-200 Silicone Fluid 5 CS

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1.5 EMERGENCY CONTACTS – INSTITUTIONAL CENTRES

Australia

Poisons Information Centre 13 11 26

2 HAZARDS IDENTIFICATION

Adverse human health effects: None to our knowledge.

Classification of the products: This chemical is not classified as hazardous according to the criteria of the Work Health and Safety Regulations, Australia.

Other hazards: No further information available.

3 COMPOSITION/ INFORMATION ON INGREDIENTS

Ingredient	CAS Number	Classification
Siloxanes and silicones, dimethyl	63148-62-9	90 - 100

4 FIRST AID MEASURES

Inhalation: If respiratory irritation occurs, remove individual to fresh air.

Ingestion: No emergency medical treatment necessary.

Skin contact: If necessary, remove contamination clothing. Wash off with soap and plenty of water. In all cases of doubt seek medical advice.

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Eye contact:	Remove contacts lenses. Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Cold water may be used. In all cases of doubt seek medical advice.
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Most important symptoms and effects, both acute and delayed (if relevant):	See section 11
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Indication of any immediate medical attention and special treatment needed:	Notes to physician: Treat symptomatically.
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5 FIRE FIGHTING MEASURES

Suitable extinguishing media:	In case of fire, use water spray, alcohol-resistant foam, carbon dioxide (CO ₂) and/ or dry chemical
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Not suitable extinguishing media:	None to our knowledge.
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Special hazards arising from the substance or mixture:	Hazardous combustion products: Carbon oxides Silicon oxides
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Advice for firefighters	In the event of fire, wear self-contained breathing apparatus for firefighting if necessary. Cool containers/ tanks with water spray. Dike and collect water used to fight fire. Keep people away from upwind of fire.
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6 ACCIDENTAL RELEASE MEASURES

Personal precautions:	For personal protection see section 8.
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Environmental precautions:	Prevent leakage or spillage. Do not discharge product into the aquatic environment without pre-treatment.
Methods for cleaning up:	
- Neutralization	Soak up with inert absorbent material.
- Cleaning/ decontamination	For large spills, provide dyking or other appropriate containment to keep material from spreading.
- Disposal	Dispose of contaminated materials in accordance with current regulations.

7 HANDLING AND STORAGE

Precautions for safe handling:

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| 1- General protective measures: | 1- Avoid contact with skin, inside of the eye and clothing. Wash hands before breaks and after handling product. Provide sufficient air exchange and/ or exhaust in work rooms. |
| 2- Measures to prevent Fire: | 2- Keep away from sources of ignition – no smoking. |
| - Conditions for safe storage, including any incompatibilities: | Keep containers/ package tightly closed in a cool, well ventilated place. Avoid direct sunlight. Do not store with strong oxidizing agents. Handle and open containers with care. |
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8 EXPOSURE CONTROLS AND PERSONAL PROTECTION

Control Parameters	The product is not classified. No control parameters are to be mentioned.
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Exposure Controls:

- General Engineering Measures Use local exhaust ventilation, or other engineering controls to maintain airborne levels below the exposure limit requirements or guidelines. If there are no applicable exposure limit requirements or guidelines, general ventilation should be sufficient for most operations. Local exhaust ventilation may be necessary for some operations. If the ventilation is suitable, it is not essential to wear respiratory equipment.
- General Industrial Hygiene Practices Avoid contact of chemicals with skin, inside of the eye and clothing. Ensure that eyewash stations and safety showers are close to the workstation location.
- General Hand Protections Measurements Wear impermeable protective gloves.
- General Eye Protection Measures Wear safety goggles.

9 PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical State:	liquid
Colour:	colourless
Boiling point (760 mmHg):	> 35 °C
Flash Point:	closed cup > 101.1 °C
Relative Density (water = 1):	0.915
Kinematic Viscosity:	5 cSt @ 25 °C
Auto-ignition Temperature:	> 400 °C
Explosive properties:	Not explosive
Oxidizing Properties:	The substance or mixture is not classified as oxidizing.

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10 STABILITY AND REACTIVITY

Reactivity:	Not classified as a reactivity hazard.
Chemical Stability:	Stable under recommended storage and normal usage conditions.
Possibility of Hazardous:	Can react with strong oxidizing agents. When heated to temperatures above 150 °C (300 °F) in the presence of air, trace quantities of formaldehyde may be released. Adequate ventilation is required.
Conditions to Avoid:	None to our knowledge.
Incompatible Materials:	Oxidizing agents.

11 TOXICOLOGICAL INFORMATION

Acute Toxicity:	
<ul style="list-style-type: none">Oral	<p>Very low toxicity if swallowed. Harmful effects not anticipated from swallowing small amounts.</p> <p>For this family of materials:</p> <p>LD50, Rat, male and female, > 48,500 mg/kg</p>
<ul style="list-style-type: none">Dermal	<p>Prolonged skin contact is unlikely to result in absorption of harmful amounts.</p> <p>For this family of materials:</p>

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	LD50, Rat, > 2,000 mg/kg No deaths occurred at this concentration.
<ul style="list-style-type: none">Inhalation	<p>At room temperature, exposure to vapor is minimal due to low volatility. Vapor from heated material or mist may cause respiratory irritation.</p> <p>As product: The LC50 has not been determined.</p>
Skin corrosion/irritation:	Brief contact is essentially non irritating to skin.
Serious eye damage/eye irritation:	May cause slight eye irritation. Corneal injury is unlikely. May cause mild eye discomfort.
Sensitization:	<p>For skin sensitization: Did not cause allergic skin reactions when tested in guinea pigs.</p> <p>For respiratory sensitization: No relevant data found.</p>
Specific Target Organ Systemic Toxicity (Single Exposure)	Evaluation of the available data suggests that this material is STOT-SE toxicant.
Specific Target Organ Systemic Toxicity (Repeated Exposure):	<p>For this family of materials:</p> <p>Based on the available data, repeated exposures are not anticipated to cause significant adverse effects.</p>
Carcinogenicity:	For this family of materials: Did not cause cancer in long-term animal studies which used routes of exposure considered relevant to industrial handling. Positive Results have been reported in other studies using routes of exposure not relevant to industrial handling.
Teratogenicity:	For this family of materials: Did not cause birth defects or any other fetal effects in laboratory animals.

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Reproductive toxicity:	In animal studies on component(s), effects on reproduction were seen only at doses that produced significant toxicity to the parent animals. Contains component(s) which have interfered with fertility in animal studies.
Mutagenicity:	For this family of materials: In vitro genetic toxicity studies were negative. Animal genetic toxicity studies were negative.
Aspiration Hazard:	Based on physical properties, not likely to be an aspiration hazard.

12 ECOLOGICAL INFORMATION

Ecotoxicity

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|---|---|
| • Acute toxicity to fish | Material is practically non-toxic to aquatic organisms on an acute basis (LC50/EC50/EL50/LL50 >100 mg/L in the most sensitive species tested).
LC50, Fish, 96 Hour, > 100 mg/l |
| • Acute toxicity to aquatic invertebrates | EC50, Daphnia magna (Water flea), 48 Hour, > 100 mg/l |
| • Acute toxicity to algae/aquatic plants | EC50, algae, 14 d, > 2,000 mg/l |
| • Chronic toxicity to fish | NOEC, Cyprinodon variegatus (sheepshead minnow), 33 d, 91 mg/l |
| • Toxicity to Above Ground Organisms | Material is practically non-toxic to birds on an acute basis (LD50 > 2000 mg/kg). |

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	Oral LD50, <i>Colinus virginianus</i> (Bobwhite quail), > 5,000 mg/kg
Biodegradability:	The product is not biodegradable.
Bioaccumulation:	No bioconcentration is expected because of the relatively high molecular weight (MW greater than 1000).
Mobility in Soil:	Expected to be relatively immobile in soil (Koc > 5000).
Results of PBT and vPvB assessment:	This substance has not been assessed for persistence, bioaccumulation and toxicity (PBT).

13 DISPOSAL CONSIDERATIONS

Waste treatment methods:	The generation of waste should be avoided or minimized wherever possible. Do not dispose this material into the environment without treatment and do let it get in 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

Not dangerous goods according to transport legislation ADG, IMO-IMDG and IATA/ICAO. Transport according local legislation.

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15 REGULATORY AND OTHER INFORMATION

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

- Inventory Status All ingredients in this preparation are listed in the Australian Inventory of Chemical Substances, AICS, or are exempt.
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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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