

MATERIAL SAFETY DATA SHEET



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DATE PREPARED: 18/02/2010
MSDS No: SL-505

Silicone Lube

HAZARDOUS ACCORDING TO THE CRITERIA OF WORKSAFE AUSTRALIA

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product: Name: Silicone Lube

DISTRIBUTOR:

The Blaster Group Pty Ltd

Unit 30, 8 Victoria Avenue

Castle Hill NSW 2154

Emergency Phone: 02 9894 7360

Customer Service: 02 9894 7360

24 HR. EMERGENCY TELEPHONE NUMBERS:

POISONS INFORMATION CENTRE

PHONE: 13 11 26

2. COMPOSITION/INFORMATION ON INGREDIENTS

	<u>wt. %</u>	<u>CAS Registry #</u>
Polydimethylsiloxane	<20	63148-62-9
Alkylate Naptha, Heavy	<50	64741-65-7

OSHA HAZARDOUS COMPONENTS (29 CFR 1910.1200):

	<u>EXPOSURE LIMITS</u>	
	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
Polydimethylsiloxane	not established	
Alkylation Naptha, Heavy	100 ppm	100 ppm

3. HAZARDS IDENTIFICATION

POTENTIAL HEALTH EFFECTS

EYES:

Direct contact with eyes may cause irritation, redness, tearing.

SKIN:

Repeated or prolonged contact with skin may cause mild skin irritation, oil acne, folliculitis, and possible dermatitis in sensitive individuals.

INGESTION:

Will cause nausea, vomiting and diarrhoea.

INHALATION:

Mist may irritate mucous membranes, which may be pronounced at elevated temperatures.

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4. FIRST AID MEASURES

EYES:

Flush with plenty of clear water. Seek medical attention.

SKIN:

Remove contaminated clothing immediately. Wash skin with soap and water. If irritation develops, seek medical attention.

INGESTION:

If swallowed, do NOT induce vomiting. Give victim a glass of water or milk. Call a physician or poison control centre immediately. Never give anything by mouth to an unconscious person.

INHALATION:

Remove to fresh air. Seek medical attention.

5. FIRE FIGHTING MEASURES

Flashpoint and Method: 76°C Cleveland Closed Cup

GENERAL HAZARD:

This material can be ignited by heat, sparks, flames, or other sources of ignition (static electricity). Vapours are heavier than air and will collect in low areas (sewers) or travel considerable distances to a source of ignition. If containers are not cooled in a fire, they may ignite and explode.

EXTINGUISHING MEDIA:

Dry chemical, carbon dioxide, halon, or foam is recommended. Water spray may be used to cool containers or structures. Halon may decompose into toxic materials and carbon dioxide will displace oxygen. Take proper precautions when using these materials.

FIRE FIGHTING PROCEDURES:

Emergency responders in the danger area should wear bunker gear and self-contained breathing apparatus for fires beyond the incipient stage. Wear other protective gear as conditions warrant. Stop leaks, if it can be done with minimal risk. Water spray may be useful in dispersing vapours or cooling equipment and containers. Material will float on water. Avoid spreading fire with water.

FIRE FIGHTING EQUIPMENT:

As in any fire, wear self-contained breathing apparatus pressure-demand, or approved full protective gear.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL:

Absorb the liquid and scrub the area with detergent and water.

LARGE SPILL:

After eliminated source of release, absorb free liquid with suitable absorbent. Avoid allowing liquid into sewers or waterways. Dispose of absorbents and liquid in accordance with local, state and federal laws.

GENERAL PROCEDURES:

Dispose of liquid and absorbents in accordance with local, state and federal law.

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7. HANDLING AND STORAGE

GENERAL PROCEDURES:

Use in accordance with good industrial workplace practices. Open containers slowly to relieve pressure.

HANDLING:

Avoid unnecessary contact. Wash thoroughly after handling. Do not wear contaminated clothing or shoes.

STORAGE:

Store in a dry place away from excessive heat. Store containers tightly closed.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

PERSONAL PROTECTION

EYES AND FACE:

Standard safety glasses with splash shields are adequate protection. Where excessive splashing is possible, a face shield should be used.

SKIN:

Excessive contact should be avoided. Neoprene gloves and aprons will provide adequate protection when contact cannot be avoided.

RESPIRATORY:

Good general ventilation should be sufficient to control airborne levels. Maintain airborne concentrations below the established exposure limits of ingredients in section 2.

PROTECTIVE CLOTHING:

Chemical resistant aprons and boots are suggested when contact with material cannot be avoided. Remove and wash any contaminated clothing immediately.

WORK HYGIENIC PRACTICES:

Wash thoroughly after handling.

OTHER USE PRECAUTIONS:

Eye wash stations and emergency showers should be available.

COMMENTS:

The Blaster Group Pty Ltd takes no responsibility for determining what measures are required for personal protection in any specific application. The information provided should be used with discretion.

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9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid
Odour: Slight
Appearance: Transparent
Colour: Clear
pH: 8.8
Vapour Density: 3.80 (Air=1)
Boiling Point: 182°C
Solubility in Water: Insoluble
Specific Gravity: 0.974

10. STABILITY AND REACTIVITY

STABLE: YES

HAZARDOUS POLYMERISATION: NO

CONDITIONS TO AVOID:
Avoid high temperatures.

STABILITY:
Stable

POLYMERISATION:
Will not occur.

11. TOXICOLOGICAL INFORMATION

COMMENTS:

Toxicological information on this product as a mixture has yet to be determined. See section 15 for reportable ingredients.

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL DATA:
No data available.

ECOTOXICOLOGICAL INFORMATION:
No data available.

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13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD:

Used or unused product should be disposed of in accordance with local, state, and federal regulations.

EMPTY CONTAINERS:

Empty containers will contain residual product and should be handled in the same manner as the product. Containers should be returned to a reputable container recycler.

14. TRANSPORT INFORMATION

Proper Shipping Name: UN1993, Combustible Liquids, N.O.S. (contains Alkylated Heavy Naptha)
Class 3, PG III
Hazchem: 2Y

15. REGULATORY INFORMATION

UNITED STATES:

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

Title III Notes: There are no SARA 313 reportable materials in this product.

CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)

CERCLA RQ: This product has no CERCLA Reportable Quantity. However, release into a waterway may require reporting to the National Response Centre.

TSCA (TOXIC SUBSTANCE CONTROL ACT)

TSCA Regulatory: This product complies with all TSCA Inventory requirements.

16. OTHER INFORMATION

HMIS CODES

Fire: 1 Health: 1 Reactivity: 0 Protection: C

MANUFACTURER DISCLAIMER:

To the best of our knowledge, the information contained herein is accurate. However, neither The Blaster Group Pty Ltd nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards which exist.
