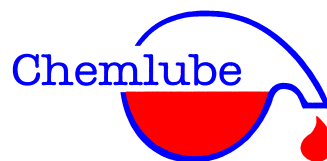


MATERIAL SAFETY DATA SHEET



Chem Pack Pty Ltd
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incorporating
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114B Silicone Fluid

This product is classed as Hazardous according to criteria of NOHSC.
This product is classified as a Dangerous Goods for transport by road and rail.

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

Supplier: Chem Pack Pty Ltd
ABN: 62 060 283 089
Street Address: 120 Fulton Drive Derrimut Vic 3030
Telephone: + 61 3 8369 9999
Facsimile: + 61 3 8369 9901
Emergency telephone number: 0412 582 924

Substance: Chemlube 114B Silicone Fluid
Product name: 114B Silicone Fluid
Product Use: General Purpose Silicone Lubricant
Updated: 1 April 2009

2. COMPOSITION/INFORMATION ON INGREDIENTS

Recommended Use: As a general lubricant particularly suitable for the food, electronics and plastics industries

Appearance: Colourless liquid with strong odour

Chemical Entity	CAS NO.	Proportion (% weight/weight)
Aliphatic Hydrocarbon	64741-65-7	80-95%
Dimethyl Siloxane Polymer	63148-62-9	5-15%

3. HAZARDS IDENTIFICATION

A. EMERGENCY OVERVIEW:

Physical Appearance and Odor:
Colourless liquid with strong odour

Warning statements:
Based on available information, classified as hazardous according to health criteria of NOHSC Australia.

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B. POTENTIAL HEALTH EFFECTS:

Eye: N/Av

Skin: Prolonged/repeated contact may cause defatting of the skin which can lead to dermatitis.

Inhalation: Aspiration into the lungs may cause chemical pneumonitis which can be fatal.

Ingestion: N/Av

Chronic Effects: N/Av

Classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by Road and Rail.

4. FIRST AID MEASURES

Ingestion: Do not induce vomiting. Give nothing by mouth. OBTAIN MEDICAL ATTENTION IMMEDIATELY.

Eye contact: Flush eye with water.

Skin contact: Wash skin with water using soap if available.

Inhalation: Remove to fresh air.

Notes to physician: Dermatitis may result from prolonged or repeated exposure. Aspiration into the lungs may cause chemical pneumonitis.

5. FIRE-FIGHTING MEASURES

Flash Point: < 63°C (Based on data for solvent)

Flammability Limits: (% Vol): Lower: 0.6, Upper: 6 (Based on data for solvent)

Suitable extinguishing media: Use foam, water spray or fog. Dry chemical powder, carbon dioxide, sand or earth may be used for small fires only.

Hazards from combustion products: Could evolve Carbon Monoxide if incomplete combustion occurs. The vapour is heavier than air, spreads along the ground and distant ignition is possible.

Precautions for Firefighters and Special Protective Equipment

Will float and can be reignited on surface water. Full protective clothing and self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

Cleanup and Disposal of Spill: Absorb or contain liquid with sand, earth or spill control material. Shovel up and place in a labeled, sealable container for subsequent safe disposal. Put leaking containers in a labeled drum or overdrum. Scrub contaminated surfaces with detergent solution. Retain washings as contaminated waste. For large spills transfer to a labeled, sealable container for product recovery or safe disposal. Treat residues as for small spillage.

7. HANDLING AND STORAGE

Precautions for Safe Handling: Avoid prolonged or repeated contact with skin. Do not breathe spray, mists. Avoid handling above 40°C, otherwise the product may form flammable/explosive vapour-air mixtures.

Precautions for Safe Storage: Store at ambient temperature. For containers or container linings, use mild steel, stainless steel. For container paints, use zinc silicate, epoxy resins.

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8. EXPOSURE CONTROLS / PERSONAL PROTECTION

National occupational exposure limits

TWA – (8 h) = 170 ppm (1200 mg/m³)

Engineering measures: Use only in well ventilated areas. If engineering controls do not maintain airborne concentrations to a level which is adequate to protect worker health, select Respiratory Protective Equipment suitable for the specific conditions of use and meeting relevant legislation.

Personal protection equipment: Use rubber gloves, monogoggles, and chemical resistant safety shoes or boots.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form / Colour / Odour: Colourless liquid with strong odour.

Specific Gravity (15°C):	0.8	Melting Point (°C):	N App
Rel. Vapour Density (air=1):	N Av	Boiling Point (°C):	14°C to 135°C
Vapour Pressure (20°C):	N Av	Decomp. Point (°C):	N Av
pH (1% aqueous soln):	N Av	Sublimation Point:	N App
Autoignition Temp (°C):	N Av	Viscosity (20°C):	N Av
% Volatile by volume:	<50%	Evaporation Rate:	Rapid
Solubility in water:	7.01%		

(Typical values only - consult specification sheet)

N Av = Not available N App = Not applicable

10. STABILITY AND REACTIVITY

Stability: Stable under normal use conditions.

Conditions to Avoid: Heat flames and sparks

Incompatible materials: None known.

11. TOXICOLOGICAL INFORMATION

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms that may arise if the product is mishandled are:

Acute Effects

Ingestion: Low toxicity, LD₅₀ > 2000 mg/kg.

Eye contact: Not irritating.

Skin contact: Low toxicity, LD₅₀ > 2000 mg/kg. Slight irritant, but not sufficient to trigger an EC label. Not a skin sensitizer.

Inhalation: Low toxicity, LC₅₀ > 5 mg/l. LC 50 greater than near saturated atmosphere of the solvent(s).

Chronic toxicity: Not expected to be mutagenic. Not expected to be a developmental toxicant. Prolonged/repeated contact may cause defatting of the skin which can lead to dermatitis. Aspiration into the lungs may cause chemical pneumonitis which can be fatal.

12. ECOLOGICAL INFORMATION

Ecotoxicity:

Ecotoxicological data has not been determined specifically for this product. The information given below is based on a knowledge of the components and the ecotoxicology of similar products. Floats on water. Dissolved material absorbs strongly to sediment. Product remaining on soil surface will partly evaporate, but a significant proportion will remain after one day. Absorbs to soil and is not mobile.

Not inherently biodegradable. Oxidises rapidly by photo-chemical reactions in air. Integrated environmental half-life expected to be 10 - < 100 days. Has the potential to bioaccumulate. Is expected to be non-toxic at limit of water solubility.

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13. DISPOSAL CONSIDERATIONS

Always comply with local regulations and legislation. Recover or recycle if possible. Otherwise incinerate product or waste. For container disposal, drain container thoroughly. After draining, vent in a safe place away from sparks and fire. Residues may cause an explosion hazard if heated above 55°C. Do not puncture, cut or weld uncleaned drums. Send to drum recoverer or metal reclaimer.

14. TRANSPORT INFORMATION

UN Number	1268
Class	3
Packing Group	III
Proper Shipping Name	PETROLEUM DISTILLATES, N.O.S.

Road and Rail Transport

Classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by Road and Rail.

Marine Transport

Classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by Sea.

Air Transport

Classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by Air.

15. REGULATORY INFORMATION

Based on available information, classified as Hazardous according to health criteria of NOHSC Australia.

Poisons Schedule (Aust)/Toxic Substance (NZ): 5 (<20 Ltr)

16. OTHER INFORMATION

Any advice, recommendation, information, assistance or service provided by Chem Pack Pty Ltd in relation to the goods supplied by it or their use or application is given in good faith and believed to be appropriate and reliable. However, it is provided with a disclaimer for any liability or responsibility on the part of Chem Pack Pty Ltd. The customer accepts all risk and responsibility for use of the goods alone, or in combination with other products. All warranties, guarantees and conditions, other than those expressly stated, and when implied by statute, common law, custom of the trade or otherwise, are to the extent that the law permits, expressly excluded.