



Mainlube Superior Maintenance Lubricants Pty Ltd

14 Underwood Ave, Botany NSW, 2019

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STATEMENT OF HAZARDOUS NATURE

Hazardous According to Criteria of Worksafe Australia

MATERIAL SAFETY DATA SHEET MAINLUBE 560

IDENTIFICATION

Product Name;	Mainlube 560
Chemical Name;	Silicon Lubricant
Manufacturer's Code;	560
UN Number;	1208 Carrier Fluid.
DG Class;	3 Carrier Fluid.
Packaging Group;	No Data.
Subsidiary Risk[s];	3.2 Carrier Fluid.
Hazchem Code;	3(Y) Carrier Fluid.
EPG NO;	No Data.
Poisons Schedule	5 Carrier Fluid.
Uses;	As a spray-on lubricant. Wide range of applications. Use as directed on the product label.

Page 1 of 4
November,
13

PHYSICAL DESCRIPTION AND PROPERTIES

Appearance;	Clear water white oily liquid
Boiling Point;	70°C Carrier Fluid
Melting Point;	Not applicable.
Vapour Pressure;	<0.1
Volatiles;	Hexane Carrier Fluid
Evaporation Rate;	Carrier Fluid evaporates faster than n-butyl 1 acetate.
Odour;	Almost odourless.
Vapour Density;	10 [Carrier Fluid] [air = 1]
Weight per ml;	0.9 gm/CC

Flash Point;

Solvent	-22°C
Lubricant residue	None.
Flammability Limits;	50 ppm Carrier Fluid.
Auto ignition	
Temperature;	260°C Carrier Fluid

OTHER PROPERTIES;

Carrier Fluid evaporates rapidly to leave lubricating residue. Residue is insoluble in water and non-reactive. Effective lubricating temperature range of -40 °C to 260° C.

560MSDS

MATERIAL SAFETY DATA SHEET MAINLUBE 560

INGREDIENTS

Page 2 of 4
November,
13

Chemical Name	CAS Number	Proportion
Hexane	110-54-3	<30%
Silicon Lubricant Proprietary Non Hazardous Formulation		>70%

HEALTH HAZARD INFORMATION

Health Effects;

No data available for the mixture. Information presented relates to individual ingredients.

Acute;

Swallowed;	Lubricating residue is considered to be non-toxic.
Skin;	Lubricating residue is considered to be non-toxic and non irritating. If sprayed directly onto the skin, the solvent may have a degreasing effect which might lead to irritation.
Eyes;	lubricating residue is considered to be non-irritant. If sprayed directly into the eyes., solvent carrier may irritate before evaporating.
Inhaled;	Both solvent and propellant act as simple asphyxiants, and at high vapour levels may cause loss of consciousness and death from oxygen deprivation.
Chronic;	No data.
LD 50;	Residue 25,000 mg/kg oral, rat

FIRST AID;

	If poisoning occurs, contact a doctor or Poisons Information Centre.
Swallowed;	If swallowed, do NOT induce vomiting. Give a glass of water.
Skin;	If skin contact occurs, remove contaminated clothing and wash skin thoroughly.
Eyes;	If in eyes, hold eyes open, flood with water for at least 15 minutes and see a doctor.
Inhaled;	Remove from exposure. If breathing has stopped, apply artificial respiration. In severe cases, obtain medical attention

FIRST AID FACILITIES RECOMMENDED;

Eye wash. Hand wash basin.

ADVICE TO DOCTOR

Product is an aerosol containing non-toxic lubricant in a Hydrocarbon Carrier Fluid.
The Carrier Fluid can act as a simple asphyxiant treat symptomatically.
Contact Poisons Information Centre.

PRECAUTIONS FOR USE

Exposure Limits; [NOHSC] TLV-TWA; Hexane 50 ppm Air

ENGINEERING CONTROLS;

Ensure adequate ventilation. Avoid using in enclosed spaces. Consider local mechanical exhaust/extraction to keep airborne contamination below TLV.

560MSDS

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MATERIAL SAFETY DATA SHEET MAINLUBE 560

PRECAUTIONS FOR USE

Exposure Limits; [NOHSC]

Page 3 of 4
November,
13

TLV-TWA; Hexane 50 ppm Air

ENGINEERING CONTROLS;

Ensure adequate ventilation. Avoid using in enclosed spaces. Consider local mechanical exhaust/extraction to keep airborne contamination below TLV.

PERSONAL PROTECTION;

Do not spray directly into eyes, mouth or nose. Avoid spraying directly onto the skin. Do not smoke while using this product; solvent vapours drawn into lighted cigarettes will decompose to form toxic products of combustion.

Personal protection to be selected from those recommended below, as appropriate to mode of use, quantity handled and degree of hazard;

Self contained breathing apparatus

Supplied-air hood

Face shield or safety glasses

Gloves, rubber or plastic

Overalls.

FLAMMABILITY;

Lubricating residue not flammable. Solvent vapour/air mixture may be ignited by sparks or naked flame source.

SAFE HANDLING INFORMATION

STORAGE AND TRANSPORT;

Storage Temperature; Room temperature.

UN Class; No Data

Packaging Group; No Data.

UN Number; Carrier Fluid 1208.

EPG Number; No Data

Correct Shipping Name; Silicon Lubricant.

Observe the requirements of Dangerous Goods {Storage and Handling} regulations.

STORAGE ADVICE;

Store in a cool, well ventilated place, out of reach of children. Large quantities should be stored in a dangerous goods store. Store out of direct sunlight. Keep away from naked flames or other sources of ignition. No smoking or welding. Prevent vapours from collecting in enclosed spaces. Protect from physical damage. Attend to leaking cans immediately; avoid secondary accidents.

SPILLS AND DISPOSALS;

Disposal of small spillages only. For large spillages, liquids should be contained using sand or earth, and both liquids and solids then transferred to salvage containers. Residues should be treated as for small spillages.

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SPILLAGES.

CAUTION;

Before dealing with spillage take necessary protective measures, inform others to keep at a safe distance and, for flammable materials, shut off all possible sources of ignition. **TAKE CARE**; Residues will be extremely slippery. Leaking cans should be carried to a safe, open area for atmospheric evaporation. Residues should be wiped up or absorbed on inert absorbent, and disposed of with ordinary garbage. Ventilate area to dispel any residual vapours.

FIRE/EXPLOSION HAZARD;

Lubricating residue not flammable. Solvent vapour/air mixture may be ignited by sparks or naked flame source. Cans may rupture if involved in a fire.

DECOMPOSITION PRODUCTS;

Carbon Dioxide, Water Vapour.

IN CASE OF SMALL FIRE/EXPLOSION USE; Water spray.

IN CASE OF MAJOR EMERGENCY;

HAZCHEM CODE; 2 Y
Extinguishant; Water fog or fine water spray.

Danger of violent reaction or explosion;

Yes, if Carrier Fluid vapours are contained or cans are involved in a large fire.

Protective Clothing; Breathing apparatus and protective gloves.

Appropriate Measures; Contain.

Evacuate; Not Normally.

Other Information;

Carrier solvent vapours are heavier than air. Avoid using in enclosed or low lying places

Degradability No Data

Accumulation This product is not expect to bioaccumulate

CONTACT POINT:

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