



Mainlube Superior Maintenance Lubricants Pty Ltd

189-191 Botany Road Waterloo, NSW, 2017
Ph 02-9310-3433. ACN No. 001 748 876 Fax 02-9310-3503.

STATEMENT OF HAZARDOUS NATURE

Hazardous According to Criteria of Worksafe Australia

MATERIAL SAFETY DATA SHEET MAINLUBE 450

IDENTIFICATION

Product Name;	Mainlube 450 Dry PTFE Lubricant
Chemical Name:	PTFE
Manufacturer's Product Code:	450.
UN Number:	1950 NOS Aerosol
Dangerous Goods Class	2.1
Subsidiary Risk[s]:	None Allocated.
Hazchem Code:	3 (Y).
EPG NO:	3A1.
Poisons Schedule Number:	None Allocated
Uses:	Dry Film Lubricant.

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PHYSICAL DESCRIPTION AND PROPERTIES

Colour:	Clear white
Appearance	Light white film.
Form:	Aerosol Can
Boiling Point:	84.2°C.
Melting Point:	300°C
Vapour Pressure:	33 mm Hg at 20°C
Specific Gravity:	(Water=1) @ room temperature, 0.99
Volatiles:	80 WT%
Evaporation Rate:	Fast.
Vapour Density:	2.07 (Air =1.0)
Odour:	Pleasant Odor
Solubility in Water:	Carrier soluble in water, lubricant nil solubility.

FLASH POINT

Solvent:	11-12°C
Flammability Limits:	Lower 2%, Upper 12%.
Auto ignition Temperature:	398-460°C

OTHER PROPERTIES

Stability:	Avoid heat, sparks, flame and ignition sources..
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INGREDIENTS

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Chemical Name	CAS Number	Proportion
Isopropyl Alcohol	67-63-0	68-72%
Poly-TFE, Omega-Hydro-Alpha (Methylcyclohexyl)	65530-85-0	24-27%
Poly-TFE, Alpha-Chloro-Omega (2,2-Dichloro-Trifluoroethyl)	79070-11-4	3-6%

HEALTH HAZARD INFORMATION

HEALTH EFFECTS:

Acute:

Swallowed:	Harmful if swallowed, If large quantity swallowed give half a litre of warm water if victim is conscious/Alert, DO NOT INDUCE VOMITING, risk of damage to lungs exceeds poisoning risk.
Skin:	May cause drying and irritation to sensitive skin.
Eyes:	Will cause eye irritation if directly contacted.
Inhaled:	Vapour can be an irritant to mucous membranes and respiratory tract.

Chronic:

	None when used with good personal hygiene practices. Use good hygienic practises. Wash hands before eating, drinking, smoking or using toilet facilities. Promptly remove soiled clothing and shower after work using plenty of soap and water. May cause skin irritation upon prolonged or repeated contact.
LC 50:	No Data Available.
LD 50:	4400mg/kg (Rat).

FIRST AID:

Swallowed:	Rinse mouth thoroughly with water immediately. If large quantity swallowed give half a litre of warm water if victim is conscious/Alert, DO NOT INDUCE VOMITING, risk of damage to lungs exceeds poisoning risk. Seek Medical advice immediately
Skin:	Remove contaminated clothing. Wash affected area with copious amounts of soap and water. If irritation persists Seek Medical advice.
Eyes:	Immediately flush with large quantities of water for at least 15 minutes. Retract eyelids often. Seek Medical advice.
Inhaled:	Removed exposed person to fresh air. Seek Medical advice if any difficulty with breathing is observed

ADVICE TO PHYSICIANS:

Treat symptomatically based on judgment from Medical advice and individual reactions of patient.

PRECAUTIONS FOR USE:

Exposure Standards:	None established for product.
Engineering Controls:	Ensure adequate ventilation to maintain minimum exposure levels.
Personal Protection:	Respiratory protection not normally required, but if vapour concentration becomes high use self contained breathing apparatus.

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PRECAUTIONS FOR USE CONT:

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Skin,	Use chemical resistant gloves such as neoprene, PVC, Butyl Rubber, head and face protection should be worn. Protection equipment must be cleaned thoroughly after each use.
Eyes	Chemical splash goggles or full face shield for protection where there is a possibility of eye contact due to splashing, spraying or air born particles. Contact lenses must not be worn.
Flammability:	Combustible Liquid

SAFE HANDLING INFORMATION

Storage and Transport:	Contents under pressure. Do not puncture or incinerate container. Keep out of reach of children. Use adequate ventilation.
Storage Temperature:	Store in a cool dry place away from heat and open flame. Do not store in direct sunlight or where temperature is above 50° C (120° F).
UN Class:	2.1.
Packaging Group:	111.
UN Number:	1950.
EPG Number:	3A1.
Correct Shipping Name:	1950 Aerosol 30, Flammable N.O.S.
Spills and Disposals:	Dispose of in accordance with all applicable federal, state and local regulations.
Fire/Explosion Hazard:	Stable under normal conditions, Avoid excessive heat. Incompatible with strong oxidising agents and acidic agents, including acidic clays, peroxides, halogens, vinyl chloride and iodine pentafluoride
Decomposition Products:	Hazardous Polymerisation has not been reported, Avoid polymerisation catalysts such as Aluminium Chloride and acidic clays. Incomplete burning generates carbon monoxide and carbon dioxide and smoke. Decomposition products include, acrid and irritating smoke. Product is not an oxygen donor.
Hazchem Code:	3(Y)
Extinguishing Media:	Dry chemical, CO ₂ , Alcohol or polymer foam extinguishers.

Danger Of Violent Reaction Or Explosion: Yes Contents Under Pressure

Protective Clothing;	Fire fighters should wear full protective clothing including self contained breathing apparatus.
Appropriate Measures;	Stable under normal conditions, Avoid excessive heat
Evacuate;	Yes, Evacuate Immediate Area, risk of can rupture and propellant Ignition

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ENVIRONMENTAL COMMENTS:

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Mobility	Once carrier solvent has evaporated this material is not volatile or water soluble. It is not expected to adsorb on to soils or sediments.
Degradability	No Data
Accumulation	This product is not expected to bioaccumulate

CONTACT POINT:

Mr Steve Simmonds, Mr Rob Simmonds,
Mainlube Superior Maintenance Lubricants Pty Ltd.
189-191 Botany Road Waterloo, NSW, 2017, Australia
Ph 02-9310-3433. Fax 02-9310-3503.
Mob 0412-644-244, Mob 0411-243-150.

24 Hour Emergency Tel No. Above Mobile Phones

Emergency Services

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