



Mainlube Superior Maintenance Lubricants Pty Ltd

14 Underwood Ave, Botany NSW, 2017

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STATEMENT OF HAZARDOUS NATURE

Hazardous According to Criteria of Worksafe Australia

MATERIAL SAFETY DATA SHEET MAINLUBE 515

IDENTIFICATION

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Product Name;	Mainlube 515 Rust Converter and Steel Preparer.
Chemical Name:	Rust Converter.
Other Names:	No Data
Manufacturer's Product Code:	515.
UN Number:	1805.
Dangerous Goods Class	8.
Subsidiary Risk[s]:	
Hazchem Code:	2R.
EPG NO:	8A1.
Poisons Schedule Number:	S5.
Uses:	For converting Rust to a stable compound preventing further rust.

PHYSICAL DESCRIPTION AND PROPERTIES

Colour:	Clear Mobile Liquid.
Appearance	Colourless, Odourless Mobile Liquid.
Form:	Liquid
Boiling Point:	100°C Water.
Melting Point:	0°C Water.
Vapour Pressure:	17 Hg (1 Atm) @ 20°C Water.
Specific Gravity:	(Water = 1) @ room temperature, approx 1.33-1.8.
Solids:	None.
Evaporation Rate:	As Water.
Vapour Density:	No Data.
Odour:	No Odour
Solubility in Water:	(by weight %) 100% @ 25°C.

FLASH POINT

Solvent:	Non Flammable.
Flammability Limits :	Non Flammable.
Auto ignition Temperature:	No Data.

OTHER PROPERTIES

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INGREDIENTS

Chemical Name	CAS Number	Proportion
Phosphoric Acid	7664-38-2	<60%
Proprietary Surfactants and solvents	Non Hazardous	>40%

HEALTH HAZARD INFORMATION

HEALTH EFFECTS:

Acute:

Swallowed:	Can be Toxic by Ingestion, burns to the mouth and throat, pain in the stomach, difficulty in breathing, nausea, if symptoms occur seek Medical assistance.
Skin:	Concentrated solutions can cause burns if not immediately rinsed off. Temporary Irritant to Skin.
Eyes:	Mists may be temporary Irritant to eyes, splashes in eyes can cause burns and if unattended permanent damage
Inhaled:	Vapour or mist may cause irritation to throat or nose.

Chronic:

LC 50:	No Data
LD 50:	1,530 mg/kg Rat Oral

FIRST AID:

Swallowed:	Rinse mouth thoroughly with water thoroughly. Give water to drink. Do not induce vomiting, get medical attention.
Skin:	Avoid direct contact, use impervious gloves. Immediately flush any contaminated skin areas with running water, under water remove all contaminated clothing shoes etc, wash all affected clothing before reuse. If symptoms appear obtain medical attention.
Eyes:	Immediately irrigate with copious quantity of water for at least 30 minutes. Eyelids to be held open. Obtain medical attention.
Inhaled:	Remove victim from exposure, Allow patient to assume most comfortable position and keep warm. Seek medical attention.

ADVICE TO PHYSICIANS:

Treat symptomatically based on judgement of doctor and individual reactions of patient.

PRECAUTIONS FOR USE:

Exposure Standards:	TLV-TWA 1 mg/M ₃ STEL 3 mg/M ₃
Engineering Controls:	If applying by compressed air spray gun, maintain concentration below recommended exposure limit for air born particulate matter.
Personal Protection:	Overalls or similar protective apparel. Safety glasses, goggles or face shield as appropriate
Flammability:	The product is considered non-combustible.

SAFE HANDLING INFORMATION

Storage and Transport:	Store in well ventilated area. Store in a cool, dry place. Keep from freezing, material may crystallise below - 20°C Keep container well sealed.
Storage Temperature:	-15-80°C

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SAFE HANDLING INFORMATION CONTINUED

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Packaging Group:	III
UN Number:	1805
EPG Number:	8A1
Correct Shipping Name:	Phosphoric Acid Rust Killer.
Spills and Disposals:	Keep spectators away, Do not touch spilled material, Stop leak, prevent from entering sewers and waterways, neutralise with lime, Contain spill immediately, use sand, sawdust, etc. Transfer liquid and diking material to containers for disposal.
Fire/Explosion Hazard:	This material is considered stable and will not burn, use water spray to cool containers and control vapour
Decomposition Products:	None
Hazchem Code:	2R
Extinguishant:	In case of fire, use extinguisher appropriate for burning material.

DANGER OF VIOLENT REACTION OR EXPLOSION:

No

Protective Clothing;	Fire fighters should wear full protective clothing including self contained breathing apparatus.
Appropriate Measures;	No Data.
Evacuate;	No Data.

OTHER INFORMATION:

Known materials that are incompatible with this product include, Bases, Sulphides, Phosphides, Cyanides, Acetylides, Fluorides, Silicides, and Carbides, Strong Oxidising and Reducing Agents..

ENVIRONMENTAL COMMENTS:

Mobility	This material is water soluble. It may contaminate water, soils or sediments.
Degradability	This product is expected to biodegrade.
Accumulation	This product is not expected to bioaccumulate

CONTACT POINT:

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24 Hour Emergency Tel No. Above Mobile Phones

Emergency Services

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