



## 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 430

### IDENTIFICATION

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<b>Product Name;</b>	Mainlube 430 Heavy Duty Biodegradable Citrus Type Degreaser.
<b>Chemical Name:</b>	Terpene Hydrocarbons, N.O.S.
<b>Other Names:</b>	1-Methyl-4(1-Methylethenyl)Cyclohexene; Cinene; Cajeputene
<b>Manufacturer's Product Code:</b>	430
<b>UN Number:</b>	1950
<b>Dangerous Goods Class</b>	2.1
<b>Subsidiary Risk[s]:</b>	None Assigned
<b>Hazchem Code:</b>	3(Y)
<b>EPG NO:</b> 3A1	
<b>Poisons Schedule Number:</b>	None Assigned
<b>Toxic and Hazardous Ingredients:</b>	Solvent and expelling gas, contents under pressure Solvent, Harmful if swallowed, However, Approved for use as food flavour by FDA.
<b>Uses:</b>	Multi Application Heavy Duty Cleaner Degreaser.

### PHYSICAL DESCRIPTION AND PROPERTIES

<b>Colour:</b>	Clear Liquid
<b>Appearance</b>	Can
<b>Form:</b>	Aerosol
<b>Boiling Point:</b>	>176°C.
<b>Melting Point:</b>	-74°C
<b>Vapour Pressure:</b>	1mm Hg(1Atm)
<b>Specific Gravity:</b>	(Water=1) @ room temperature, 0.8411
<b>Volatiles:</b>	No Data
<b>Evaporation Rate:</b>	Oxidises to film in air
<b>Vapour Density:</b>	No Data
<b>Odour:</b>	Citrus Smell.
<b>Solubility in Water:</b>	(by weight %) 100% at 25°C

### FLASH POINT

<b>Solvent: (Closed Cup)</b>	45°C
<b>Flammability Limits:</b>	
<b>Upper Explosion Limits:</b>	0.7.
<b>Lower Explosion Limits:</b>	0.6
<b>Auto ignition Temperature:</b>	255°C

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## OTHER PROPERTIES

Stability: Product is stable under normal conditions.

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## INGREDIENTS

Chemical Name	CAS Number	Proportion
d-Limonene	5989-27-5	>75%
Proprietary Biodegradable Non Hazardous Emulsifiers	None Assigned	<30%

## HEALTH HAZARD INFORMATION

### HEALTH EFFECTS:

#### Acute:

Swallowed: Solvent, Harmful if swallowed, However, GRAS, (generally regarded as safe) by FEMA, Approved for use as food flavour by FDA.

Skin: May cause drying and irritation to sensitive skin.

Eyes: Will cause medium 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. 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. Give water or milk to drink. If vomiting occurs have victim drink 250-300 mls of water to aid further dilution. 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. Seek Medical advice.

Inhaled: Removed exposed person to fresh air. Seek Medical advice

#### 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.

Skin, Eyes: Use chemical resistant gloves such as neoprene, PVC, Butyl Rubber, Chemical splash goggles or full face shield for protection

Flammability: Combustible Liquid

#### SAFE HANDLING INFORMATION

Storage and Transport: Keep containers in a cool dry place until ready for use. Observe usual precautions in handling combustible liquids. Avoid contact with incompatible chemicals.

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## 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: III.

UN Number: 1950.

EPG Number: 3A1.

Correct Shipping Name: 1950 Aerosol,30, Flammable, N.O.S.

Spills and Disposals: Remove all sources of ignition. Small spills can be wiped up, large spills can be absorbed by sand, dirt or other suitable absorbants for disposal. Incinerate or dispose of in accordance with all applicable regulations.

## **DANGER OF VIOLENT REACTION OR EXPLOSION: Yes,**

Compressed Flammable Gas with combustible liquid

Fire/Explosion Hazard: Stable under normal conditions, Avoid excessive heat.

Decomposition Products: Hazardous Polymerisation has not been reported. 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<sub>2</sub>, Alcohol or polymer foam extinguishers.

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

## **OTHER INFORMATION:**

### ENVIRONMENTAL/SAFETY REGULATIONS -SECTION 1X

*Section 313 (Title III Superfund Amendment and Reauthorisation Act):*

*This product does not contain any chemical subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorisation Act of 1986 and 40 CFR*

## **CONTACT POINT:**

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**24 Hour Emergency Tel No. Above Mobile Phones**

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