



## Mainlube Superior Maintenance Lubricants Pty Ltd

14 Underwood Ave, Botany NSW, 2017

Ph 02-9700-0880. ACN No. 001 748 876 Fax 02-9700-0881.

### STATEMENT OF HAZARDOUS NATURE

Hazardous According to Criteria of Worksafe Australia

## MATERIAL SAFETY DATA SHEET MAINLUBE 530

### IDENTIFICATION

<b>Product Name:</b>	Mainlube 530 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>	530
<b>UN Number:</b>	2319
<b>Dangerous Goods Class</b>	3
<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</b>	
<b>Ingredients:</b>	None
<b>Uses:</b>	Multi Application Heavy Duty Cleaner Degreaser.

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### PHYSICAL DESCRIPTION AND PROPERTIES

<b>Colour:</b>	Clear Liquid
<b>Appearance</b>	Clear Liquid
<b>Form:</b>	Bulk
<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 %) Insoluble 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 Emulsifiers	Not Applicable	<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 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.  
DO NOT INDUCE VOMITING.  
Have victim drink 250-300 mls of water. 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, Use chemical resistant gloves such as neoprene, PVC, Butyl Rubber,

Eyes Chemical splash goggles or full face shield.

Flammability: Combustible Liquid

# MATERIAL SAFETY DATA SHEET MAINLUBE 530

## SAFE HANDLING INFORMATION

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Storage and Transport:	Keep container tightly closed until use.
Storage Temperature:	Store in a cool dry place away from heat and open flame.
UN Class:	3.
Packaging Group:	111.
UN Number:	2319.
EPG Number:	3A1.
Correct Shipping Name:	Terpene Hydrocarbons, 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. 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.

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

Protective Clothing;	Fire fighters should wear full protective clothing including self contained breathing apparatus.
Appropriate Measures;	Stable under normal conditions, Avoid excessive heat.
Evacuate;	Stable under normal conditions, Avoid excessive heat.

## **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**

### **Emergency Services**

**Dial 000**

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