

1 SUBSTANCE/PRODUCT IDENTIFICATION

COMPANY: **Caldo Oils Limited**
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PRODUCT NAME: **PREMIUM PARAFFIN** **Product Code: 035**

2 COMPOSITION/INFORMATION ON INGREDIENTS

A complex mixture of highly refined hydrocarbon distillates mainly in the Co-C20 range.

3 HAZARDS IDENTIFICATION

INHALATION: Liquid and vapour are irritant, may cause drowsiness, nausea, dizziness and ultimately unconsciousness.
SKIN: Liquid is a mild skin irritant, repeated contact may cause dermatitis.
EYES: Vapour and liquid irritating to eye.
INGESTION: Liquid if ingested may cause vomiting, nausea.

4 FIRST AID MEASURES

INHALATION: Remove to fresh air. If unconscious turn into the recovery position. Get medical help.
SKIN: Wash with soap and water.
EYES: Flush out with clean water for 10 minutes. Get medical help.
INGESTION: Do not induce vomiting. If patient vomits, turn to recovery position give water to drink. Get medical aid.

5 FIRE FIGHTING MEASURES

SMALL FIRES: Use carbon dioxide, dry chemical, foam, sand, earth, or water fog.
LARGE FIRES: Use foam or water fog. Keep containers cool by spraying with water.

6 ACCIDENTAL RELEASE MEASURES

Extinguish any naked flames, sources of ignition. Avoid inhaling vapour, evacuate personnel from area. Absorb liquid on sand or earth and sweep up. If it has entered drains, inform authorities (fire Service).

7 STORAGE AND HANDLING

HANDLING: Ensure good ventilation. Pump at no greater than 7 metres per second.
STORAGE: Keep in tightly closed, clearly labelled containers. No smoking. Naked flames, hot elements other ignition sources must not be present.

8 EXPOSURE CONTROLS (mg/m3) AND PERSONAL PROTECTION

LONG TERM 8hr TWA 5 Milligrams per cubic metre.
SHORT TERM 10 min 10 Milligrams per cubic metre.
PROTECTION Wear impervious gloves and eye protection. Ensure good ventilation.

9 PHYSICAL AND CHEMICAL PROPERTIES

FORMULA	Not applicable	VAPOUR DENSITY gm/L @ 20°C	Not determined
MOLECULAR WEIGHT	Not determined	VISCOSITY c.st. @ 20°C	1.78
SOLUBILITY IN WATER	Insoluble	VAPOUR PRESSURE @ 20°C	0.04
APPEARANCE	Clear Blue Liquid	BOILING POINTS °C	155-280
SOLUBILITY IN ORGANICS	Miscible with many	FREEZE POINT °C	<-20
ODOUR	Mild odour	FLASH POINT °C	43
EVAPORATION RATE	116 (ether=1)	AUTO- IGNITION TEMP. °C	230
DENSITY Kg/L @ 15°C	0.780	EXPLOSION LIMITS	0.8-7.0

10 STABILITY AND REACTIVITY

CONDITIONS TO AVOID	Heat (classified Flammable).
MATERIALS TO AVOID	May react with strong oxidising materials.
HAZARDOUS DECOMPOSITION PRODUCTS	Thermal decomposition may lead to formation of a multiplicity of compounds some of which may be hazardous. With incomplete combustion smoke and hazardous fumes and gases, including carbon monoxide may be formed

11 TOXICOLOGICAL INFORMATION

Toxicity following a single exposure to high levels of Kerosene (oral, dermal, inhalation) is of a very low order. Prolonged and repeated contact with Kerosene may cause drying of the skin and possibly dermatitis. Prolonged inhalation of mists may cause inflammation of the lungs.

12 ECOLOGICAL INFORMATION

Likely to harm aquatic life, films formed on water may effect oxygen transfer and damage organisms. Expected to biodegrade slowly.

13 DISPOSAL CONSIDERATIONS

This material must be disposed of via an Authorised Waste/Disposal Company in accordance with Local and or National Waste Disposal Regulations

14 TRANSPORT INFORMATION

U/N NUMBER	1223	I.M.D.G.	Class 3.3 Code Page 3375
PACKING GROUP	3	MARINE POLLUTANT	No
C.A.S. NUMBER	91770-15-9	E.E.C. NUMBER	294-799-5
ICAO/IATA	3	A.D.R.	3.31°(C)
TREM CARD	30 G 35	EMERGENCY ACTION CODE	3{Y}

15 REGULATORY INFORMATION

LABELLING	SYMBOL :	Black flame on orange square.
	CLASSIFICATION:	Flammable
RISK AND SAFETY PHRASES	R10	Flammable
	S23	Do not breathe gas/fumes/vapour/spray
	S24	Avoid contact with skin
	S37	Wear suitable gloves
	S43	In case of fire, use sand, earth, foam or water fog
	S62	If swallowed, do not induce vomiting : seek medical advice immediately and show this container or label

* Obligatory Safety Phrases : Reference should be made to Health and Safety at Work Act and Control of Substances Hazardous to Health Regs.

16 OTHER INFORMATION

Contains 2ppm COUMARIN for C&E purpose. Middle hydrocarbon distillate. Readily biodegradeable.

Further information can be found in Health and Safety Executive publications a list of which may be available on request.

The data and advice given apply when the product is sold for the stated application or applications. The product is not sold as suitable for any other application. Use of the product for applications other than stated in this sheet may give rise to risks not mentioned. You should not use the product other than for the stated application or applications with out seeking advice from us.

If you have purchased the product for supply to a third party for use at work, it is your duty to take all the necessary steps to secure that any person handling or using the product is provided with the information in this sheet.

If you are an employer, it is your duty to tell your employees and others who may be affected of any hazards described in this sheet and of any precautions which should be taken.