

# SAFETY DATA SHEET



## 1 SUBSTANCE/PRODUCT IDENTIFICATION

COMPANY: **Caldo Oils Limited**  
ADDRESS: Worsley Brow, Sutton, St. Helens, Merseyside. WA9 3EZ  
Tel: (01744) 813535 Fax: (01744) 816031

PRODUCT NAME: **KEROSENE** Product Code: **031**

## 2 COMPOSITION/INFORMATION ON INGREDIENTS

A petroleum distillate with low aromatic content (less than 1.0%), high flash point (77°C) and high naphthene content.

## 3 HAZARDS IDENTIFICATION

Product unlikely to be hazardous to man in normal use.  
INHALATION: May cause irritation to eyes, nose and throat following exposure to mists, vapours or fumes.  
SKIN: Unlikely to cause irritation on single contact. Prolonged or repeated contact may cause irritation which could result in dermatitis particularly with poor standards of hygiene.  
EYES: Likely to cause irritation with short-term redness and stinging.  
INGESTION: Likely to be harmless if swallowed in small amounts - larger quantities may cause nausea and diarrhoea.

## 4 FIRST AID MEASURES

INHALATION: If inhalation of fumes irritates the nose or throat or causes coughing remove to fresh air. Get medical advice if irritation continues.  
SKIN: Wash with soap and water. Change contaminated clothing and launder before reuse.  
EYES: Wash out immediately with large amounts of water. If redness and/or irritation continues get medical advice.  
INGESTION: Wash mouth out with water and give water to drink (milk if available) - get medical advice. DO NOT induce vomiting because of the danger of aspiration.

## 5 FIRE FIGHTING MEASURES

Extinguish with Dry Powder, Foam or water fog. For small fires use CO<sub>2</sub> or BCF - the adverse environmental effects of BCF/Halon are such that their use is no longer considered acceptable. Note Flash Point 77°C.  
Fires in closed or confined spaces should be tackled by trained personnel who should wear breathing apparatus.

## 6 ACCIDENTAL RELEASE MEASURES

Main consideration is to avoid FIRE. Note Flash Point 77°C.  
May cause SLIPPERY surfaces.  
Contain spillage - do not wash spillage down drain. Absorb liquid using absorbent clay, diatomaceous clay or other suitable absorbent.

## 7 STORAGE AND HANDLING

HANDLING: As with all mineral oil based products keep skin contact to a minimum and ensure good hygiene standards. Where prolonged or repeated exposure is likely PROTECTIVE CLOTHING should be worn including GLOVES (nitrile rubber or neoprene) and EYE PROTECTION. Ensure good ventilation - note flash point - 77°C.  
STORAGE: Drums should be stored on their sides on racks preferably under cover, out of direct sunlight, in well ventilated conditions.

## 8 EXPOSURE CONTROLS (mg/m<sup>3</sup>) AND PERSONAL PROTECTION

LONG TERM 8hr TWA 5 Milligrams per cubic metre.  
SHORT TERM 10 min 15 Milligrams per cubic metre.  
PROTECTION Where prolonged or repeated exposure is likely PROTECTIVE CLOTHING should be worn including impervious gloves and eye protection. Ensure good ventilation.

## 9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Water-White Fluid	DISTILLATION (IP 123)	IBP °c 200
RELATIVE DENSITY @ 15°C	0.807		FBP °c 260
FLASH POINT (ip 303) °c	77	AROMATICS % VOL	<1.0

16/12/2009 9:22 AM

<b>10</b>	<b>STABILITY AND REACTIVITY</b>
CONDITIONS TO AVOID	Excess heat (Flash Point 77°C) - on combustion decomposes with evolution of oxides of carbon.
MATERIALS TO AVOID	May react with strong oxidising materials.
HAZARDOUS DECOMPOSITION PRODUCTS	Oxides of carbon. With incomplete combustion - carbon monoxide.

<b>11</b>	<b>TOXICOLOGICAL INFORMATION</b>
	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.

<b>12</b>	<b>ECOLOGICAL INFORMATION</b>
	Expected to biodegrade slowly.

<b>13</b>	<b>DISPOSAL CONSIDERATIONS</b>
	This material must be disposed of by incineration or by methods approved by Local Authority.

<b>14</b>	<b>TRANSPORT INFORMATION</b>
HAZCHEM CODE	None (Voluntary 3/Y)
IMCO HAZARD CLASS	Not Classified
ICAO	Not Classified
ADR	Class 3. Section 32 <sup>1</sup> / <sub>2</sub> C.

<b>15</b>	<b>REGULATORY INFORMATION</b>												
RISK AND SAFETY PHRASES	Not Currently classified as dangerous under 88/389/EEC												
	<table> <tr> <td>S2</td> <td>Keep out of reach of children.</td> </tr> <tr> <td>S23</td> <td>Do not breathe vapour.</td> </tr> <tr> <td>S24</td> <td>Avoid contact with skin</td> </tr> <tr> <td>S43</td> <td>In case of fire, use foam , dry powder, AAAF, CO2 - Never use water.</td> </tr> <tr> <td>S61</td> <td>Avoid release to the environment. Refer to special instructions/safety data sheet.</td> </tr> <tr> <td>S62</td> <td>If swallowed, do not induce vomiting : seek medical advice immediately and show this container or label</td> </tr> </table>	S2	Keep out of reach of children.	S23	Do not breathe vapour.	S24	Avoid contact with skin	S43	In case of fire, use foam , dry powder, AAAF, CO2 - Never use water.	S61	Avoid release to the environment. Refer to special instructions/safety data sheet.	S62	If swallowed, do not induce vomiting : seek medical advice immediately and show this container or label
S2	Keep out of reach of children.												
S23	Do not breathe vapour.												
S24	Avoid contact with skin												
S43	In case of fire, use foam , dry powder, AAAF, CO2 - Never use water.												
S61	Avoid release to the environment. Refer to special instructions/safety data sheet.												
S62	If swallowed, do not induce vomiting : seek medical advice immediately and show this container or label												

<b>16</b>	<b>OTHER INFORMATION</b>
-----------	--------------------------

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.