



MATERIAL SAFETY DATA SHEET

Revised 29th July 2004

PREMIUM PARAFFIN

SECTION 1: IDENTIFICATION OF SUBSTANCE/PREPARATION & COMPANY

Product/Material: PREMIUM PARAFFIN
Product Description: C1 Kerosine
Chemical Name and Synonyms: Sweetened Kerosene
Chemical Family: Crude Oil
Company: R.K. & J. Jones Limited
Address: Southery Road, Feltwell
Thetford, Norfolk, IP26 4EH, UK.
Telephone: 01842 828101
Fax: 01842 828171
Emergency Telephone: 01842 828101

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

	CAS No.:	EINECS:	Classification	Content
Kerosene (Petroleum)	91770-15-9	294-799-5	Xn R-65	60-100%
Sweetened; Kerosene-Unspecified				

The full text for all R-Phrases are displayed in Section 16.

A complex combination of hydrocarbons produced by the distillation of crude oil, mainly in the C9-C16 range. Will contain statutory marker additive. Benzene (CAS No. 71-43-2) will normally be present in trace amounts, but will always be less than 0.1% w/w marker level in the 21st ATP to the Dangerous Substances Directive. Process Oil GB 2543 is **not** classified as a carcinogen under 67/548/EEC and the UK "CHIP" regulations.

SECTION 3: HAZARDS IDENTIFICATION

Flammable. Irritating to skin. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Harmful: may cause lung damage if swallowed. Repeated exposure may cause skin dryness or cracking.

SECTION 4: FIRST AID MEASURES

Ingestion: DO NOT INDUCE VOMITING! When risk on unconsciousness, place and transport the victim in secured side position. Drink plenty of water. Do not give victim anything to drink if he is unconscious. Get medical attention immediately!

Skin Contact: Remove contaminated clothing. Wash the skin immediately with soap and water. Get medical attention if any discomfort continues.

Eye Contact: Promptly wash eyes with plenty of water while lifting the eye lids. Make sure to remove any contact lenses from the eyes before rinsing. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort occurs.

Inhalation: Remove victim immediately from source of exposure. Place unconscious person on the side in the recovery position and ensure breathing. Get medical attention.

SECTION 5 : FIRE FIGHTING MEASURES

- Extinguishing Media:** Stop flow of material to fire. Fire can be extinguished using: Water fog or mist. Foam. Carbon Dioxide (CO₂). Dry chemicals, sand, dolomite, etc.
- Special Fire Fighting Procedures:** Avoid breathing fire vapours. Use water to keep fire exposed containers cool and disperse vapours. Keep run-off water out of sewers and water sources. Dike for water control.

SECTION 6: ACCIDENTAL RELEASE MEASURES/SPILLS AND LEAKS

- Precaution to Protect Environment:** Protect drains by covering to avoid any spillage entering the drainage system.
- Spill Cleanup Method:** Stop leak if possible without risk. Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Wear necessary protective equipment. Absorb in vermiculite, dry sand or earth and place into containers. Disposal should be carried out in accordance with the special waste regulations. If any liquid enters the drainage system or water course inform the local authorities, Fire Brigade and Environment Agency.

SECTION 7 : HANDLING AND STORAGE

- Usage Precautions:** Eliminate all sources of ignition. Keep away from heat, sparks and open flame. Avoid inhalation of vapours.
- Usage Descriptions:** Pump at no greater than 7 metres per second. Avoid static build up by suitable earthing arrangements.
- Storage Precautions:** Keep in cool, dry, ventilated storage and closed containers. Keep away from heat, sparks and open flame.
- Storage Criteria:** Flammable liquid storage.

SECTION 8 : EXPOSURE CONTROLS / PERSONAL PROTECTION

	CAS No.:	STD	LT EXP 8 Hrs	ST EXP 15 Min
Kerosene (Petroleum)	91770-15-9		No standard	No standard
Sweetened; Kerosene-Unspecified				
C1 Kerosene	91770-15-9	OEL	900mg/m ³	



Protective Equipment:

Ventilation:

Must not be handled in confined space without sufficient ventilation.

Protective Gloves:

Chemical resistant gloves required for prolonged or repeated contact. Use protective gloves made of: Impermeable material.

Eye Protection:

Wear approved safety goggles.

Hygienic Work Practices:

Wash at the end of each work shift and before eating, smoking and using the toilet. Wash promptly with soap and water if skin becomes contaminated. DO NOT SMOKE IN WORK AREA.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES.

Typical Properties

Appearance:	Clear		
Colour:	Yellow or green		
Odour/Taste:	Characteristic		
Density at 15°C:	0.79		
Boiling Range °C:	150-280	Pressure:	760mmHg
Flash Point (CC)°C:	43		
Viscosity @ 20°C:	2.0 cSt		
Solubility Description:	Immiscible with water. Miscible with: Organic Solvents (most)		
Auto Ignition Temp.	225°C		
Flammability Limit – Lower %	1.7		
Flammability Limit – Upper %	6.0		

SECTION 10 : STABILITY AND REACTIVITY

Conditions to Avoid: Avoid Heat, sparks, flames.

SECTION 11: TOXICOLOGICAL INFORMATION

Toxicological data: LdLo. Oral Rat. 800mg/kg
LDLo. Intrapeitoneal Rat. 10700mg/kg
LD50. Intraventral Rabbit. 180mg/kg
LD50 Oral.Rabbit, 28g.kg

SECTION 12 : ECOLOGICAL INFORMATION

Ecological Information: Dangerous for the environment if discharged into watercourses.

SECTION 13: DISPOSAL CONSIDERATIONS

Disposal Methods: The material must be disposed of via an authorised waste/disposal company in accordance with Local and or National Waste Disposal Regulations.

SECTION 14 : TRANSPORT INFORMATION

Label for Conveyance



UN Number:	1223
UK Road Transport Class:	3
UK Road Pack Group:	III
ADR Class No.:	3
ADR Classification:	Flammable Liquid, Class 3
ADR Item No.	P.G. III
Hazard No. (ADR):	30 Flammable liquid (flash point between 23°C and 61°C, inclusive) or flammable liquid or solid in the molten state with a flash-point above 61°C, heated to a temperature equal to or above it's flash point, or self heating liquid.
HAZCHEM Code :	3Y
CEFIC TEC(R) No.:	30S1223
Proper Shipping Name:	Kerosene
RID Class No.:	3

RID Item No.:	P.G. III
UN No. Sea:	1223
IMDG Class:	3
IMDG Pack Gr.:	III
Marine Pollutant:	No
UN No. Air:	1223
ICAO Class:	3
Air Pack Gr.:	Flammable liquid Class 3, Packaging Group III

SECTION 15 : REGULATORY INFORMATION

Label for supply:



Symbol: [XN] [N] Harmful to the environment

Risk Phrases:

R10	Flammable
R38	Irritating to skin
R65	Harmful may cause lung damage if swallowed
R51/53	Toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment.
R66	Repeated exposure may cause skin dryness or cracking.

Safety Phrases:

S2	Keep out of reach of children
S24	Avoid contact with skin and eyes.
S43	In case of fire use sand, earth, foam or water fog.
S61	Avoid release to the environment. Refer to special instructions/safety data sheet
S23A	Do not breathe gas/fumes/vapour/spray.
S37	Wear suitable gloves.
S46	If swallowed seek medical advice immediately and show this container label.
S51	Use only in well ventilated areas.

UK Regulatory References: Health and Safety at Work Act 1974. The Chemical (Hazard Information and Packaging for Supply Regulations) 1993 amended and 2002. Health and Safety (First Aid) Regulations 1981. CDG Road, The Classification, Packaging and Labelling Regulations 1996.

EU Directives: Dangerous Substances Directive 67/548. Dangerous Preparations Directive 88/379.

Statutory Instruments: Chemical (Hazard Information and Packaging) Regulations. Control of Substances Hazardous to Health.

Approved Code of Practice: Safety Data Sheets for Substances and Preparations L62. Classification and Labelling of Substances and Preparations Dangerous for supply.

Guidance Notes: Occupational Exposure Limits EH40

SECTION 16 : OTHER HEALTH AND SAFETY INFORMATION

User Notes: Contains 2ppm coumarin and yellow Euro marker for C & E purposes.
A hydrocarbon middle distillate.

Further information can be found in Health & Safety publications, a list of which may be made available on request. If this product is re-distributed and re-formulated for sale, details of its hazards and recommended methods for safe handling must be passed to customers. Customers are urged to ensure that the product is entirely suitable for their own purpose. It is the customer's responsibility to ensure that a suitable and sufficient assessment of the risks created by a work activity using this product is undertaken before this product is used.

Note: The information contained in this Safety Data Sheet does not constitute the users own assessment of workplace risk as required by other Health & Safety Legislation (e.g. the Health and Safety at Work Act,1974;the control of Substances Hazardous to Health Regulations,1988). The data given here is based on current knowledge and experience. The purpose of this data sheet is to describe the products in terms of their safety requirements. The data does not signify any warranty with regard to the product's properties.

Ref. RKJ/PP C25101
Date Issued: 29/07/04
Rev No. 3