

PRODUCT:PREMIUM PARAFFIN

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

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

Classified flammable. Not likely to be hazardous to man in normal use. In the environment likely to biodegrade slowly.

SECTION 4: FIRST AID MEASURES

Type of Exposure

First Aid Measures

Ingestion: The swallowing of small amounts is unlikely to have adverse effects; Larger amounts may cause irritation and vomiting.

Wash mouth out with water and give water to drink. If a large amount has been swallowed get medical with diarrhoea Advice. DO NOT INDUCE VOMITING BECAUSE OF THE DANGER OF ASPIRATION.

Skin Contact: Unlikely to cause irritation on single contact. Prolonged or repeated contact may cause short-term irritation, de-fatting of the skin and could result in dermatitis.

Wash skin as soon as possible with soap & water. Change contaminated clothing and launder before reuse. Get medical advice if irritation persists

Eye Contact: May cause short-term irritation, nausea and drowsiness. medical advice.

Wash out immediately with large Amounts of water. If redness &/or continues get

Inhalation: Fumes or vapour may cause irritation and drowsiness.

If inhalation of vapour causes irritation, nausea or drowsiness remove to fresh air. Get medical attention if symptoms continue.

SECTION 5 : FIRE FIGHTING MEASURES

Extinguish with Dry Powder or Foam. For small fires use CO2. Do not use water jets. Classified Flammable. Flash Point 43°C.

Fires in closed or confined spaces should be tackled by trained personnel who should wear breathing apparatus.

SECTION 6: ACCIDENTAL RELEASE MEASURES/SPILLS AND LEAKS

Treat any spillage as a fire hazard/ Spray, vapour or mist can be a potential fire or explosion hazard. May cause damage to surfaces making them SLIPPERY.

Contain spillage- do not wash spillage down drain. Absorb using absorbent clay, diatomaceous clay or other suitable absorbent.

SECTION 7 : HANDLING AND STORAGE

7.1 Precautions for Safe Handling:

Where exposure is likely PROTECTIVE CLOTHING should be worn including impervious GLOVES and EYE PROTECTION. Ensure good ventilation. Classified Flammable.

7.2 Conditions for Safe Storage:

Store tanks designed to contain Flammable Fluids and ensure storage area is not close to heat and ignition sources. Drums should be stored on their sides on racks preferably under cover, out of direct sunlight in well ventilated conditions. Care should be taken to avoid over-stacking.

SECTION 8 : EXPOSURE CONTROLS / PERSONAL PROTECTION

Where prolonged or repeated exposure is likely PROTECTIVE CLOTHING should be worn including impervious GLOVES & EYE PROTECTION.

Respiratory Protection: Unlikely to be required in normal use but ensure good ventilation. It is suggested that exposure is kept within the Occupational Exposure Limits for vapour established by the Reciprocal Calculation Procedure for mixed exposures to hydrocarbon solvents in the HSE Guidance Note EH 40:

Long term exposure limit: (8 hour TWA reference period) 800mg m⁻³

Hand & Skin Protection: Hand and skin protection is recommended.

Eye Protection: Eye Protections recommended is there is any possible contact.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES.

Typical Properties

Appearance:	Clear pale yellow fluid
Density at 15°C:	0.81
Boiling Range °C:	140-300
Flash Point (Abel)°C:	43 min.
Viscosity @ 40°C, m ² /sec x 10 ⁻⁶ :	1.5
Surface Tension @ 40°C, mNm	26.2

SECTION 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 the 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.

SECTION 11: TOXICOLOGICAL INFORMATION

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

SECTION 12 : ECOLOGICAL INFORMATION

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

SECTION 13: DISPOSAL CONSIDERATIONS

Disposal- by incineration or by methods approved by the Local Authority. Under no circumstances should Process Oil GB 2543 be discharged into the public drainage system, or marine and inland waterways.

SECTION 14 : TRANSPORT INFORMATION

TRANSPORT CLASSIFICATION

Flammable Liquid	Diamond Symbol
HAZCHEM Code :	3Y
UN:	Flammable Liquid, Class 3 (III)
UN Number (SIN):	1223
UN Packaging Group:	III, IMCO Hazard Class: 3.3
RID-ADR Hazard Class:	3 31°C:
IATA:	Flammable liquid Class 3, Packaging Group III

SECTION 15 : REGULATORY INFORMATION

Classified as dangerous under the 21st ATP of the Dangerous Substances Directive, 67/548/EEC, due to the aspiration hazard.

Classification:	Flammable, Harmful, Irritant Dangerous for the environment
Symbol:	[XN] Black St. Andrews Cross on orange background. [N] Dead fish and tree
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.
Safety Phrases:	
S2	Keep out of reach of children
S24 & S25	Avoid contact with skin and eyes.
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.

SECTION 16 : OTHER HEALTH AND SAFETY INFORMATION

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 customers 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.