



## SAFETY DATA SHEET PREMIUM PARAFFIN

### 1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING

PRODUCT NAME                   PREMIUM PARAFFIN  
 PRODUCT NO.                   PAPRGEN, PAPR004, PAPR025, PAPR205  
 APPLICATION                   Domestic fuel.  
 SUPPLIER                        J.V. Barrett & Co. Ltd  
                                       Barrettine Works, St Ivel Way  
                                       Warmley  
                                       Bristol BS30 8TY  
                                       0117 9600060  
                                       0117 935 2437  
 EMERGENCY TELEPHONE       0117 9600060

### 2 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
KEROSINE (PETROLEUM), SWEETENED; KEROSINE - UNSPECIFIED		91770-15-9	60-100%	Xn;R65. R10,R52/53.

The Full Text for all R-Phrases are Displayed in Section 16

### 3 HAZARDS IDENTIFICATION

Flammable. Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Harmful: may cause lung damage if swallowed.

CLASSIFICATION                   Xn;R65. R10, R52/53.

### 4 FIRST-AID MEASURES

#### GENERAL INFORMATION

Move the exposed person to fresh air at once. Get medical attention if any discomfort continues.

#### INHALATION

Move the exposed person to fresh air at once. Get medical attention. Provide rest, warmth and fresh air. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen.

#### INGESTION

DO NOT INDUCE VOMITING! NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS! If vomiting occurs, keep head low so that stomach content doesn't get into the lungs. Drink plenty of water. Get medical attention immediately! Provide rest, warmth and fresh air.

#### SKIN CONTACT

Remove contaminated clothing. Wash the skin immediately with soap and water. Get medical attention promptly if symptoms occur after washing.

#### EYE CONTACT

Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes and get medical attention.

### 5 FIRE-FIGHTING MEASURES

#### EXTINGUISHING MEDIA

Fire can be extinguished using: Foam. Dry chemicals, sand, dolomite etc. DO NOT use direct water jet as this will scatter and spread the fire.

#### SPECIAL FIRE FIGHTING PROCEDURES

Avoid breathing fire vapours. Use water SPRAY only to cool containers until well after the fire is out. Do not use water on leaked material as this will scatter and spread fire. Keep run-off water out of sewers and water sources. Dike for water control.

## PREMIUM PARAFFIN

### UNUSUAL FIRE & EXPLOSION HAZARDS

Solvent vapours may form explosive mixtures with air. Vapours are heavier than air and may spread near ground to sources of ignition. May travel considerable distance to source of ignition and flash back.

### SPECIFIC HAZARDS

Fire creates: Carbon dioxide (CO<sub>2</sub>). Carbon monoxide (CO).

### PROTECTIVE MEASURES IN FIRE

Wear self-contained breathing apparatus and full protective clothing.

## 6 ACCIDENTAL RELEASE MEASURES

### PERSONAL PRECAUTIONS

Remove all sources of ignition. Ventilate area. Avoid breathing vapours. Wear suitable protective clothing as specified under section 8 of this safety data sheet - Exposure Controls and Personal Protection.

### ENVIRONMENTAL PRECAUTIONS

Do not allow spilled material to enter drains or water courses.

### SPILL CLEAN UP METHODS

Wear necessary protective equipment. Absorb in vermiculite, dry sand or earth and place into containers. Dispose of in accordance with Local Authority Regulations via a licenced waste carrier. Do not contaminate water sources or sewer.

## 7 HANDLING AND STORAGE

### USAGE PRECAUTIONS

Keep away from heat, sparks and open flame. Avoid spilling, skin and eye contact. Ventilate well, avoid breathing vapours. Use approved respirator if air contamination is above accepted level. Static electricity and formation of sparks must be prevented.

### STORAGE PRECAUTIONS

Store in tightly closed original container in a cool, dry well-ventilated place. Keep in original container. Store away from Acids. Oxidising material.

### STORAGE CLASS

Flammable liquid storage.

## 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

### INGREDIENT COMMENTS

WEL = Workplace Exposure Limits

### PROTECTIVE EQUIPMENT



### ENGINEERING MEASURES

Provide adequate general and local exhaust ventilation.

### RESPIRATORY EQUIPMENT

No specific recommendation made, but respiratory protection must be used if the general level exceeds the Recommended Workplace Exposure Limit.

### HAND PROTECTION

Use protective gloves made of: Nitrile.

### EYE PROTECTION

Wear approved safety goggles.

### OTHER PROTECTION

Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact.

### HYGIENE MEASURES

DO NOT SMOKE IN WORK AREA! Wash at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. Wash promptly with soap & water if skin becomes contaminated. Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke.

## 9 PHYSICAL AND CHEMICAL PROPERTIES

**PREMIUM PARAFFIN**

APPEARANCE	Liquid		
COLOUR	Colourless		
ODOUR	Hydrocarbon		
SOLUBILITY	Insoluble in water		
BOILING POINT (°C)	150 - 200 760 mm Hg	RELATIVE DENSITY	0.785 @ 15 °c
VAPOUR PRESSURE	<10 mbar @ 37.8 °c	VISCOSITY	2.0 cSt @ 25 °c
FLASH POINT (°C)	43 N/A.	AUTO IGNITION TEMPERATURE (°C)	225
FLAMMABILITY LIMIT - LOWER(%)	1.7	FLAMMABILITY LIMIT - UPPER(%)	6.0

**10 STABILITY AND REACTIVITY****STABILITY**

Stable under normal temperature conditions.

**CONDITIONS TO AVOID**

Avoid heat, flames and other sources of ignition. Avoid contact with acids and oxidising substances.

**HAZARDOUS DECOMPOSITION PRODUCTS**

Fire creates: Toxic gases/vapours/fumes of: Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>).

**11 TOXICOLOGICAL INFORMATION**

TOXIC DOSE 1 - LD 50 >5000 mg/kg (oral rat)

**INHALATION**

Exposure to organic solvent vapours in excess of the stated occupational exposure limit may result in adverse effects such as irritation of the mucous membrane and the respiratory system and adverse effects on kidney, liver and central nervous system. Symptoms and signs include headache, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness.

**INGESTION**

Liquid irritates mucous membranes and may cause abdominal pain if swallowed. Significant absorption may cause sleepiness, intoxication and pulmonary oedema.

**SKIN CONTACT**

Acts as a defatting agent on skin. May cause cracking of skin, and eczema. Prolonged or repeated exposure may cause severe irritation.

**EYE CONTACT**

May cause severe irritation to eyes.

**TARGET ORGANS**

Skin. Eyes. Respiratory system, lungs.

**12 ECOLOGICAL INFORMATION****ECOTOXICITY**

Toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment

LC 50, 96 Hrs, FISH mg/l 10

**MOBILITY**

Water: Insoluble: the product spreads over the surface of the water and will slowly evaporate. Soil: the product has only slight mobility in the soil and will partially evaporate.

**BIOACCUMULATION**

Likely to bioaccumulate, but with short retention time in the order of a week or less.

**DEGRADABILITY**

Readily Biodegradable.

**13 DISPOSAL CONSIDERATIONS****DISPOSAL METHODS**

Dispose of waste and residues in accordance with local authority requirements.

**14 TRANSPORT INFORMATION**

**PREMIUM PARAFFIN**



UK ROAD CLASS	3	UK ROAD PACK GR.	III
PROPER SHIPPING NAME	KEROSENE	ADR CLASS	Class 3: Flammable liquids.
UN NO. ROAD	1223	HAZARD No. (ADR)	30
ADR CLASS NO.	3	HAZCHEM CODE	3Y
ADR PACK GROUP	31(c)	RID CLASS NO.	3
ADR LABEL NO.	3	UN NO. SEA	1223
CEFIC TEC(R) NO.	30G35	IMDG PAGE NO.	3375
RID PACK GROUP	31(c)	EMS	3-07
IMDG CLASS	3	MARINE POLLUTANT	
IMDG PACK GR.	III		
MFAG	See Guide		



UN NO. AIR	1223	AIR CLASS	3
AIR PACK GR.	III		

**15 REGULATORY INFORMATION**

**LABELLING**



Harmful

**CONTAINS** KEROSENE (PETROLEUM), SWEETENED; KEROSENE - UNSPECIFIED

**RISK PHRASES**

- R10 Flammable.
- R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- R65 Harmful: may cause lung damage if swallowed.

**SAFETY PHRASES**

- S2 Keep out of the reach of children
- S13 Keep away from food, drink and animal feeding stuffs.
- S37 Wear suitable gloves.
- S46 If swallowed, seek medical advice immediately and show this container or label.
- S51 Use only in well-ventilated areas.
- S56 Dispose of this material and its container to hazardous or special waste collection point.
- S60 This material and its container must be disposed of as hazardous waste.
- S62 If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

**STATUTORY INSTRUMENTS**

Chemicals (Hazard Information and Packaging) Regulations.

## PREMIUM PARAFFIN

### APPROVED CODE OF PRACTICE

Classification and Labelling of Substances and Preparations Dangerous for Supply.

### GUIDANCE NOTES

Workplace Exposure Limits EH40. Introduction to Local Exhaust Ventilation HS(G)37. CHIP for everyone HSG(108).

## 16 OTHER INFORMATION

### INFORMATION SOURCES

Dangerous Properties of Industrial Materials Report, N.Sax et.al.

### ISSUED BY

Chris Hayward

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SDS NO. \*ADD DATA\*

### RISK PHRASES IN FULL

R10 Flammable.

R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R65 Harmful: may cause lung damage if swallowed.