

## SAFETY DATA SHEET

### Barbeque Lighter Gel

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

**PRODUCT NAME** Barbeque Lighter Gel  
**PRODUCT NO.** BQGWGEN, BQGW001  
**SUPPLIER** Woodman Hill Limited  
 Chiltern Estate, Imperial Way  
 Watford  
 Hertfordshire  
 WD24 4YX  
 Tel. 01923 233977  
 Fax. 01923 235941

#### 2 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
Alkanes		64771-72-8	10-30%	Xn;R65. R66.
DISTILLATES (PETROLEUM), HYDROTREATED LIGHT; Kerosine - UNSPECIFIED		64742-47-8	10-30%	Xn;R65. R66.
Kerosine (Petroleum), Sweetened, Kerosine - Unspecified		91770-15-9	30-60%	Xn;R65. R10.

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

#### 3 HAZARDS IDENTIFICATION

Flammable.

CLASSIFICATION R10.

##### PHYSICAL AND CHEMICAL HAZARDS

The solvent mixture is classified as Harmful may cause lung damage if swallowed (Xn R65) but as a gel with viscosity in excess of 7 centistokes at 40C the product is not classified as harmful.

#### 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.

##### 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.

## Barbeque Lighter Gel

### 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.

### UNUSUAL FIRE & EXPLOSION HAZARDS

If heated, volume and pressure increases strongly, resulting in explosion of container.

### 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

OES = Occupational Exposure Standard. Oil mist, mineral 5mg/m<sup>3</sup> (8 hour TWA) 10 mg/m<sup>3</sup> (15 Minutes STEL) EH40 UK

### 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 Occupational 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

APPEARANCE	Liquid
COLOUR	White
ODOUR	Hydrocarbon

**Barbeque Lighter Gel**

SOLUBILITY	Miscible with water.		
BOILING POINT (°C)	100-305 760 mm Hg	RELATIVE DENSITY	0.8 @ 15 °c
VAPOUR PRESSURE	<10 mbar @ 37.8 °c	VISCOSITY	1200 cps @ 20 °c
FLASH POINT (°C)	53-54 N/A.	AUTO IGNITION TEMPERATURE (°C)	225
FLAMMABILITY LIMIT - LOWER(%)	0.5	FLAMMABILITY LIMIT - UPPER(%)	8.0

**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**

Not expected to be a health risk via this route under normal use.

**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**

Spray and vapour in the eyes may cause irritation and smarting.

**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**

UK ROAD CLASS	3		
PROPER SHIPPING NAME	FLAMMABLE LIQUID, N.O.S.		
UN NO. ROAD	1993	UK ROAD PACK GR.	III
ADR CLASS NO.	3	ADR CLASS	Class 3: Flammable liquids.

**Barbeque Lighter Gel**

ADR PACK GROUP	III	HAZARD No. (ADR)	30
ADR LABEL NO.	3	HAZCHEM CODE	3Y
CEFIC TEC(R) NO.	30GF1-III, 30GF1-sp	RID CLASS NO.	3
RID PACK GROUP	III	UN NO. SEA	1993
IMDG CLASS	3	IMDG PAGE NO.	3
IMDG PACK GR.	III	EMS	F-E, S-E
MFAG	See Guide	MARINE POLLUTANT	No.
UN NO. AIR	1993	ICAO CLASS	3
AIR PACK GR.	III		

**15 REGULATORY INFORMATION**

## LABELLING

## RISK PHRASES

R10 Flammable.

## SAFETY PHRASES

S2 Keep out of the reach of children  
 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.

## STATUTORY INSTRUMENTS

Chemicals (Hazard Information and Packaging) Regulations.

## APPROVED CODE OF PRACTICE

Classification and Labelling of Substances and Preparations Dangerous for Supply.

## GUIDANCE NOTES

Occupational 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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## RISK PHRASES IN FULL

R10 Flammable.  
 R65 Harmful: may cause lung damage if swallowed.  
 R66 Repeated exposure may cause skin dryness or cracking.