

PRODUCT SAFETY DATA SHEET

1. PRODUCT INFORMATION.

Product Name: Barbecue Lighting Fluid.
Chemical Name: Distillates (Petroleum) Hydrotreated Light Kerosene.
Synonyms: Odourless Kerosene.
Chemical Family: Petroleum Distillate.
Intended Use: Recommended for use only for lighting barbecue charcoal and briquettes in the open air.

2. COMPOSITION/INFORMATION ON INGREDIENTS.

Ingredient name: Distillates (petroleum), hydrotreated light; kerosene
% Wt.: 100%
CAS number: 64742-47-8
EINECS: 265-149-8
EC index: 649-422-002
Risk number: R65
Benzene content: less than 0.1% weight/weight

3. HAZARDS IDENTIFICATION.

Main hazards:

- The main risk involves the aspiration into the lungs which could cause pneumonitis.
- Harmful: may cause lung damage if swallowed.
- Combustible.
- Vapour at high concentrations may cause dizziness, headache, nausea.
- Prolonged and repeated contact can defat the skin.
- Contact with eyes can result in smarting and irritation.

4. FIRST AID MEASURES.

General advice:

Inhalation: Remove to fresh air. Obtain medical assistance.
Skin contact: Wash skin with soap and water. Remove contaminated clothing.
Eye contact: Flush eyes with water for at least 10 minutes. Seek medical advice if symptoms persists.
Ingestion: **DO NOT** induce vomiting. Seek medical attention.

5. FIRE HAZARDS AND FIRE FIGHTING MEASURES.

Extinguishing media: In case of fire, use foam, dry powder or CO₂.
Unsuitable Extinguishing Media: Do not use water jets.

NOTE: Product spilt on clothing may give rise to delayed evaporation and subsequent fire hazard

6. ACCIDENTAL RELEASE MEASURES.

Personal precaution in spill: Wear suitable protective clothing as specified under Section 8 of this safety data sheet – Exposure Controls and Personal Protection.

Spill cleanup methods: Wear necessary protective equipment. Stop leak if possible without risk. DO NOT touch spilled material. Do not contaminate water sources or sewer. Absorb in vermiculite, dry sand or earth and place into containers. Flush with plenty of water to clean spillage area. Do not let washing down water contaminate ponds or waterways.

7. HANDLING AND STORAGE.

Usage precautions: Avoid spilling, skin and eye contact.
Storage precautions: Keep in cool, dry, ventilated storage and closed containers. Keep in original container.
Storage criteria: Chemical storage.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION.

Ingredient: Distillates (petroleum), hydrotreated light; kerosene – unspecified.
CAS no.: 64742-47-8.
STD: OES.
ST EXP 15 min: 1500 mg/m³ HR

Protective Equipment:



Ventilation: Well ventilated area.
Respirators: No specific recommendation made, but respiratory protection must be used if the general level exceeds the Occupational Exposure Level (OEL).
Protective gloves: For prolonged or repeated skin contact use suitable protective gloves. Use protective gloves made of: butyl rubber or nitrile.
Eye protection: Wear approved, tight fitting safety glasses where splashing is probable.
Hygienic work practices: 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 and water, if skin becomes contaminated. No eating or drinking while working with this material.

9. PHYSICAL AND CHEMICAL PROPERTIES.

Appearance:	liquid		
Colour:	colour-less		
Odour/taste:	kerosene		
Boiling point (°C, interval):	200-260	Pressure:	760 mmHg
Flash point (°C):	>70	Method:	CC (closed up)
Autoignition temperature (°C):	210		
Density/specific gravity (g/ml):	0.81	Temperature (°C):	20
Vapour density (air=1):	4.5		
Solubility description:	insoluble in water		
Flammability limit – lower (%):	0.7		
Flammability limit – upper (%):	5.0		

10. STABILITY AND REACTIVITY.

Stability:	normally stable.
Conditions to avoid:	Avoid contact with strong oxidisers.
Hazardous Decomposition Products:	Fire creates: toxic gases / vapours / fumes of: carbon monoxide (CO) , carbon dioxide (CO ₂).

11. TOXICOLOGICAL INFORMATION.

Inhalation:	High concentrations of vapour may irritate respiratory system and lead to headache, fatigue, nausea and vomiting.
Ingestion:	Harmful: may cause lung damage if swallowed. May cause discomfort if swallowed. May cause stomach pain or vomiting.
Skin:	Prolonged or repeated contact leads to drying of skin
Eyes:	Spray and vapour in the eyes may cause irritation and smarting.
Health warnings:	Pneumonia may be the result if vomited material containing solvents reaches the lungs.
Route of entry:	Inhalation. Skin absorption.
Target organs:	Central nervous system. Eyes. Gastro-intestinal tract. Respiratory system, lungs.

12. ECOLOGICAL INFORMATION.

LC50 (96hr) – Fish mg/l:	>1,000ppm
EC50 (48hr) – Daphnia mg/l:	>250ppm
IC50 (72hr) – Algae mg/l:	>20ppm
Ecological information:	Not regarded as dangerous for the environment.
Mobility:	In water the product is insoluble and will spread over the surface. In soil the product has only slight mobility and will partially evaporate.

13. DISPOSAL CONSIDERATIONS.

Disposal methods:	Dispose of in accordance with Local Authority requirements.
--------------------------	---

14. TRANSPORT INFORMATION.

ADR class:	Not classified for transportation.
Marine pollutant:	No.

15. REGULATORY INFORMATION.

Label for supply:



Risk phrase:	R65	Harmful, may cause lung damage if swallowed.
Safety phrases:	S60 S62	This material and its container must be disposed of as hazardous waste. If swallowed, do not induce vomiting; seek medical advice immediately and show the container or label.
Statutory instruments:		Chemicals (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:		CHIP for everyone HSG(108). Occupational Exposure Limits EH40.

Big K Products U.K. Limited
Whittington Hill
Stoke Ferry
Norfolk, PE33 9TE
Tel. 01366 500147
Fax 01366 500395



16. OTHER INFORMATION.

R-Phrases (full text): R-65 Harmful: may cause lung damage if swallowed.