

**Product Safety Data Sheet
Regulatory Information**

This is a controlled document and applies from the date of printing until further notice. Updates will supercede all previous versions.

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Authorised by Freddie Vernon
Version 1.0**

**ZIP WHITE FIRELIGHTER
GENERIC WHITE FIRELIGHTER**

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name	Best In 15's Firelighters
Product Type	Zip/Generic White Firelighter.
Use	Lighting domestic fuels and barbecues.
Appearance	White solid, slightly damp to the touch.

2. COMPOSITION

The Product contains the following hazardous components

	% Active	Risk Phrases	Cas No.
Kerosene	>75	R10, R52, R53, R65	8008-20-6
Hydrochloric Acid 1.18	< 1	R34, R37	7647-01-0
LAB Sulphonic Acid	< 1	R22, R34	85117-49-3

LAB Sulphonic Acid is linear alkylbenzene sulphonic acid.

Key to Risk Phrases

R10	Flammable.
R22	Harmful if swallowed.
R34	Causes severe burns.
R37	Irritating to the respiratory system.
R52/53	Harmful to aquatic organisms, may cause long term adverse effects in the aquatic environment.
R65	Harmful if swallowed may cause lung damage.

Flash Point of Contents Kerosene has a flash point > 38°C.

3. HAZARDS IDENTIFICATION

Eye Contact	Contains Kerosene (f.p. > 38°C) which may cause minor stinging and redness if accidental eye contact occurs.
Skin Contact	Repeated or prolonged exposure to Kerosene may cause defatting, irritation and eventual dermatitis.
Ingestion	May cause vomiting and diarrhoea.

4. FIRST AID MEASURES

Eye contact	Rinse thoroughly with cold water. If irritation persists seek medical advice.
Skin contact	Rinse thoroughly with cold water.
Ingestion	Give saline cathartic (30g sodium sulphate in 250ml of water) to accelerate passage of solid through the gut. Seek medical advice.
Inhalation	Remove to fresh air.

5. FIRE- FIGHTING MEASURES

Specific Dangers	Fires in confined spaces should be dealt with by trained personnel wearing breathing apparatus.
Extinguisher Type	Extinguish using dry powder, foam, water fog (for small fires) & CO ₂ .

6. ACCIDENTAL RELEASE MEASURES

See also sections 8 and 13.

Personal Precautions	Wear protective clothing, gloves and goggles.
Clean Up Methods	Remove all sources of ignition and sweep up into a suitable container for disposal.

7. HANDLING AND STORAGE

Storage Store in a cool dry place away from sources of ignition. Keep segregated from strong oxidising systems including bleaches.

8. EXPOSURE CONTROL AND PERSONAL PROTECTION

See also Section 7.

Engineering Controls Avoid contact with skin and eyes.

Personal Protective Equipment as follows

Respiratory Protection None necessary under normal working conditions.

Hand Protection Wear impervious gloves where prolonged repeated exposure is anticipated.

Eye Protection Wear face visor or goggles if eye contact can accidentally occur.

Skin Protection Wear an apron or overalls if exposure is to be prolonged.

This product does not present a significant hazard in normal use.

Data above refers to contact with large quantities of product.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Solid.
Colour	White.
Odour	Mild characteristic kerosene odour.
Flash Point of Contents	Contains Kerosene with f.p. >38°C.

10. STABILITY AND REACTIVITY

Stability Product is stable but protect from sources of heat.

Dangerous Reactions Avoid contact with oxidising agents, halogens, strong acids/alkalis.

Decomposition Products Incomplete combustion will generate smoke and toxic gas.

11. TOXICOLOGICAL INFORMATION

See also section 2 and 3.

Ingestion May cause Gastric irritation. Possible risk involves the aspiration of kerosene into the lungs which may cause pneumonitis.

Skin Contact Prolonged or repeated contact will dry and defat the skin leading to irritation and possible dermatitis.

12. ECOLOGICAL INFORMATION

See also section 6,7,13 and 15.

Biodegradability Urea Formaldehyde polymer ; slowly but not readily biodegradable.

TOC removal 28 days 61%.
BOD 28 0.62mg/mg substance.

This product contains >75% kerosene which is classified as R52/53, Harmful to aquatic organisms, may cause long term adverse effects in the aquatic environment.

13. DISPOSAL CONSIDERATIONS

Consumer Instructions Unused firelighters may be disposed of with normal household waste.

Bulk Quantities Unsold stocks should be disposed of to a licensed waste contractor. Any disposal route should comply with local bylaws and the requirements of the Environmental Protection Act 1990.

14. TRANSPORT INFORMATION

UN Number UN2623.

International Transport

Sea IMDG Class 4.1, Packaging Group III, Firelighters, solid.

Air ICAO/IATA
Class 4.1, Packaging Group III, Firelighters, solid.

Land ADR/RID
Class 4.1, Item 20(c)

National Transport Regulations may apply.

15. REGULATORY INFORMATION

Consumer pack label

(R11) Highly flammable (+ highly flammable warning triangle).

(S2) Keep out of reach of children.

(S62) If swallowed, do not induce vomiting, seek medical advice immediately and show this container or label.

The pack must also carry the Tactile Warning Symbol (triangle).

Transit Packaging Label UN 2623 inside a diamond (dimensions 10 cm x 10 cm) Firelighters, solid.

The following directives are relevant to the above classification and labelling of this product

Council Directive 88/379/EEC of 7/6/88 on the approximation of the laws, regulations and administrative provisions of the Member States relating to the classification, packaging and labelling of dangerous preparations.

Directive 88/379/EEC is implemented in the UK by the Chemicals (Hazard Information and Packaging for Supply) Regulations 1994 (as amended).

16. OTHER INFORMATION

'Zip' is a trademark.

This document complements the technical usage instructions but does not replace them. The information contained herein is based on our best current technical knowledge of the product concerned, and is given in good faith. The attention of recipients is drawn to (amongst other things) the element of risk consequent to use of the product for a purpose other than that for which it was intended.

In no way does this document remove the need of the recipient of the product to fully understand and apply statutory requirements. It is the recipient's sole responsibility to take due precautions relative to the use made of the product.

All information contained herein is included only to assist the recipient in fulfilling his or her statutory duty connected with the use of hazardous materials.

This list of information must not be considered as exhaustive, and does not exonerate the recipient from taking other precautions described in documents other than those mentioned, concerning the storage and use of the product, for which he or she remains the sole person responsible.

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