

**Standard Brands (Ireland) Ltd.  
Material Safety Data Sheet  
Firestarters Regular - Energy**

CONFIDENTIAL INFORMATION

STANDARD BRANDS (IRELAND) LTD.

DATE 25 MARCH 2016.

COMPLIANT WITH EC-REGULATIONS 1907/2006 (REACH), 1272/2008 (CLP) &amp; 453/2010.

**FIRESTARTERS REGULAR - ENERGY**

INDIVIDUALLY WRAPPED AND BLOCK FIRESTARTERS – US FORMULATIONS

**1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING****1.1 Product identifier**

<b>Product Name</b>	Firestarters (Kerosene)
<b>CAS No.</b>	Mixture.
<b>EINECS No.</b>	Mixture.
<b>REACH Registration No.</b>	None assigned.

**1.2 Relevant identified uses of the substance or mixture and uses advised against**

<b>Identified use(s)</b>	Ignition of solid fuels in domestic appliances.
<b>Uses advised against</b>	None known.

**1.3 Details of the supplier of the Safety Data Sheet**

<b>Manufacturer</b>	Standard Brands (Ireland) Ltd. Castlebellingham County Louth Ireland
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<b>Email (Competent Person)</b>	Tel. ++353 42 9372140 Fax. ++353 42 9372218 <a href="mailto:fvernon@standardbrands.net">fvernon@standardbrands.net</a>
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**1.4 Emergency telephone number**

<b>Ireland Contact</b>	00353 42 9372140 09.00 – 17.00 Monday – Friday.
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**2. HAZARDS IDENTIFICATION**

**2.1 Classification of the substance or mixture**

**2.1.1 Regulation (EC) No. 1272/2008 (CLP)** Flam. Sol. 1; Flammable solid.

**2.1.2 Directive 67/548/EEC & Directive 1999/45/EC** R11: Highly Flammable.

**2.2 Label elements** According to Regulation (EC) No. 1272/2008 (CLP).

**Product Name** Firelighters, solid.

**Hazard Pictogram**



**Signal word(s)** Danger

**Hazard statement(s)** H228 Flammable solid

**Precautionary statement(s)**

**P102** Keep out of reach of children.

**P210** Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

**P260** Do not breathe vapours.

**P301+P310+P331** IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Do NOT induce vomiting.

**P101** If medical advice is needed, have product container or label at hand.

**2.3 Other hazards** Do not use firelighters on a warm grate.  
Do not light firelighters in your hand.  
Avoid contact with skin and eyes.

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**3. COMPOSITION/INFORMATION ON INGREDIENTS**

**3.1 Substances** Substances in preparations/mixtures

**3.2 Mixtures**

EC Classification No. 67/548/EEC/EC Classification No. 1272/2008

NAME	IDENTIFICATION NUMBERS	WT%	H/R PHRASES
Kerosene Jet A1	CAS No. 8008-20-6 EC No. 232-366-4	≤75%	H226,H304, H315,H336, H411
UF Resin	CAS No. 9011-05-6	≤10%	N/A
Water	CAS No. 7732-18-5	≤5%	N/A
Lignite Granules	CAS No. 129521-66-0	≤10%	N/A

**3.3 Additional Information** See section 16.

**4. FIRST AID MEASURES**

**4.1 Description of first aid measures**

Inhalation	Unlikely route of exposure. Mixture is a solid. IF INHALED: If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing.
Skin Contact	Wash skin with soap and water. If skin irritation occurs: Get medical advice/attention.
Eye Contact	Flush eyes with water for at least 15 minutes while holding eyelids open. If eye irritation persists, get medical advice/attention.
Ingestion	If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

**4.2 Most important symptoms and effects, both acute and delayed**

Repeated and/or prolonged skin contact may cause irritation. May cause eye irritation.

**4.3 Indication of any immediate medical attention and special treatment needed**

Treat symptomatically.

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## **5. FIRE- FIGHTING MEASURES**

### **5.1 Extinguishing Media**

**Suitable Extinguishing Media** CO<sub>2</sub>, Dry Powder, AFFF Foam, Alcohol Resistant Foam or water spray.

**Unsuitable Extinguishing Media** Do not use water jet.

### **5.2 Special hazards arising from the substance or mixture**

This product may give rise to hazardous fumes in a fire. Carbon monoxide, Carbon dioxide.

### **5.3 Advice for fire-fighters**

Fire fighters should wear complete protective clothing including self-contained breathing apparatus. Chemical protection suit. Keep containers cool by spraying with water if exposed to fire. Evacuate if necessary.

## **6. ACCIDENTAL RELEASE MEASURES**

### **6.1 Personal precautions, protective equipment and emergency procedures**

Remove or make safe all sources of ignition. Use personal protective equipment as required. Ensure adequate ventilation.

### **6.2 Environmental precautions**

Do not allow to enter drains, sewers or watercourses.

### **6.3 Methods and material for containment and cleaning up**

Sweep up and shovel into waste drums or plastic bags. Transfer to a lidded container for disposal or recovery. Keep away from heat and sources of ignition.

### **6.4 Reference to other sections**

See Also Section 13.

## **7. HANDLING AND STORAGE**

### **7.1 Precautions for safe handling**

Wear suitable gloves if prolonged skin contact is likely. Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Keep away from heat and sources of ignition.

### **7.2 Conditions for safe storage, including any incompatibilities**

Storage Temperature Ambient. Keep away from heat and direct sunlight.

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Storage Life                      Stable at ambient temperatures. Keep in a well-ventilated place.

Incompatible materials      Strong oxidising agents.

**7.3 Specific end use(s)**      Ignition of solid fuels in domestic appliances.

**8. EXPOSURE CONTROL AND PERSONAL PROTECTION**

**8.1 Control parameters**

**8.1.1 Occupational Exposure Limits**                      No WEL: Workplace Exposure Limit (UK HSE EH40).

**8.1.2 Biological limit value**                                      Not established.

**8.1.3 PNECs and DNELs**    Not established.

**8.2 Exposure controls**

**8.2.1 Appropriate engineering controls**                      Provide adequate ventilation.

**8.2.2 Personal protection equipment**                      Use personal protective equipment as required.

Eye/face protection                      Not normally required.

Skin protection (Hand protection/Other)                      Wear suitable gloves if prolonged skin contact is likely. Impervious gloves (EN 374). Breakthrough time of the glove material: refer to the information provided by the gloves' producer.

Respiratory protection                      Normally no personal respiratory protection is necessary.

Thermal hazards                              Not applicable.

**8.2.3 Environmental Exposure Controls**                      Avoid release to the environment.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**9.1 Information on basic physical and chemical properties**

**Appearance**    Solid.

**Colour**    White.

**Odour**    Characteristic.

**Odour Threshold (ppm)**    Not established.

**pH (Value)**    Not available.

**Melting Point °C/freezing point**                                      -49°C (Kerosene).

**Boiling Point (°C) and boiling range**                                      90 - 300°C (Kerosene).

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<b>Flash Point (°C)</b>	>38°C (Kerosene).
<b>Evaporation rate</b>	Not available.
<b>Flammability (solid)</b>	Highly Flammable.
<b>Explosive limit ranges</b>	Not applicable.
<b>Vapour Pressure (mm Hg)</b>	Not available.
<b>Vapour Density (Air=1)</b>	Not available.
<b>Relative Density</b>	~0.9g/cm <sup>3</sup> @20°C (mixture)
<b>Solubility(ies)</b>	Insoluble in water.
<b>Partition Coefficient (n-Octanol/water)</b>	Not available.
<b>Auto Ignition Temperature (°C)</b>	Not available.
<b>Decomposition Temperature (°C)</b>	Not available.
<b>Viscosity (mPa/s)</b>	Solid (mixture).
<b>Explosive properties</b>	Not explosive.
<b>Oxidising properties</b>	Not oxidising.

**9.2 Other information** None.

**10. STABILITY AND REACTIVITY**

<b>10.1 Reactivity</b>	Stable under normal conditions.
<b>10.2 Chemical stability</b>	Stable under normal conditions.
<b>10.3 Possibility of hazardous reactions</b>	Stable under normal conditions.
<b>10.4 Conditions to avoid</b>	Keep away from heat and direct sunlight. Avoid contact with heat and ignition sources.
<b>10.5 Incompatible materials</b>	Strong oxidising agents.
<b>10.6 Hazardous Decomposition Product(s)</b>	Decomposition products may include oxides of carbon.

**11. TOXICOLOGICAL INFORMATION**

**11.1 Information on toxicological effects**

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**11.1.1**

**Mixture**

<b>Acute toxicity</b>	Not classified.
<b>Irritation</b>	Not classified, however Repeated and/or prolonged skin contact may cause irritation. May cause irritation to eyes, skin and air passages.
<b>Corrosivity</b>	Not classified.
<b>Sensitisation</b>	It is not a skin sensitiser.
<b>Repeated dose toxicity</b>	Not classified.
<b>Carcinogenicity</b>	No evidence of carcinogenicity.
<b>Mutagenicity</b>	There is no evidence of mutagenic potential.
<b>Toxicity for reproduction</b>	Not classified.

**11.2 Other information** None.

**12. ECOLOGICAL INFORMATION**

<b>12.1 Toxicity</b>	Mixture Not classified. Low acute toxicity.
<b>12.2 Persistence and degradability</b>	The product is likely to persist in the environment. Part of the components are biodegradable. (Kerosene).
<b>12.3 Bioaccumulative potential</b>	The substance has no potential for bioaccumulation.
<b>12.4 Mobility in soil</b>	Insoluble in water. The product has low mobility in soil.
<b>12.5 Results of PBT and vPvB assessment</b>	Not classified as PBT or vPvB.
<b>12.6 Other adverse effects</b>	None known.

**13. DISPOSAL CONSIDERATIONS**

<b>13.1 Waste treatment methods</b>	Normal disposal is via incineration operated by an accredited disposal contractor. Disposal should be in accordance with local, state or national legislation.
<b>13.2 Additional Information</b>	None.

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**14. TRANSPORT INFORMATION (Europe Only)**

<b>14.1 UN number</b>	UN2623.
<b>14.2 UN Proper Shipping Name</b>	FIRELIGHTERS, SOLID.
<b>14.3 Transport hazard class(es)</b>	Class 4.1.
<b>14.4 Packing Group</b>	III.
<b>14.5 Environmental hazards</b>	Not classified as a Marine Pollutant.
<b>14.6 Special precautions for user</b>	None.
<b>14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</b>	N/A.
<b>14.8 Additional Information</b>	Limited Quantities: 5kg. Transport Category: 4(E)

**TRANSPORT INFORMATION (Unites States Only)**

**Firestarters are not classified as hazardous for transport according to USDOT regulations.**

**15. REGULATORY INFORMATION**

**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

**15.1.1 EU regulations**

**Authorisations and/or restrictions on use** None known.

**15.1.2 National regulations** None known.

**15.2 Chemical Safety Assessment** Not available.

**16. OTHER INFORMATION**

**The following sections contain revisions or new statements: 1-16.**

References: Existing Safety Data Sheets (SDSs) and Existing ECHA registration(s) for Kerosene.

Classification of the substance or mixture According to Regulation (EC) No. 1272/2008 (CLP).

Classification Procedure

Flam. Sol. 1 Test Result.

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LEGEND

LTEL	Long Term Exposure Limit.
STEL	Short Term Exposure Limit.
DNEL	Derived No Effect Level.
PNEC	Predicted No Effect Concentration.
PBT	Persistent, Bioaccumulative and Toxic.
vPvB	very Persistent and very Bioaccumulative

**Annex to the extended Safety Data Sheet (eSDS)**

No information available.