

**SAFETY DATA SHEET**  
REFILLABLE ELECTRONIC UTILITY LIGHTER

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Compilation date: 05/05/2017

Revision No: 1

**Section 1: Identification of the substance/mixture and of the company/undertaking**

**1.1. Product identifier**

**Product name:** REFILLABLE ELECTRONIC UTILITY LIGHTER

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

**Use of substance / mixture:** Gas lighter with fuel

**1.3. Details of the supplier of the safety data sheet**

**Company name:** Polyflame Europe SA  
Z.A des Petits Carreaux  
7 avenue du bouton d'or  
9438 Bonneuil-sur-Marne Cedex6  
France  
**Tel:** 0033 (0)1 43996000  
**Email:** [daniel.boughanim@polyflame.com](mailto:daniel.boughanim@polyflame.com)

**1.4. Emergency telephone number**

**Emergency tel:** 0033 (0)1 43996000

**Section 2: Hazards identification**

**2.1. Classification of the substance or mixture**

**Classification under CLP:** Flam. Gas 1: H220

**Most important adverse effects:** Extremely flammable gas.

**2.2. Label elements**

**Label elements:**

**Hazard statements:** H220: Extremely flammable gas.

**Hazard pictograms:** GHS02: Flame



**Signal words:** Danger

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

P377: Leaking gas fire: Do not extinguish, unless leak can be stopped safely.

P381: Eliminate all ignition sources if safe to do so.

P403: Store in a well-ventilated place.

[cont...]

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**2.3. Other hazards**

**Other hazards:** May cause frostbite on contact with liquefied gas

**PBT:** This product is not identified as a PBT/vPvB substance.

**Section 3: Composition/information on ingredients**

**3.2. Mixtures**

**Hazardous ingredients:**

**ISOBUTANE**

EINECS	CAS	PBT / WEL	CLP Classification	Percent
200-857-2	75-28-5	Substance with a Community workplace exposure limit.	Flam. Gas 1: H220; Press. Gas: H280	>50%

**BUTANE**

203-448-7	106-97-8	Substance with a Community workplace exposure limit.	Flam. Gas 1: H220; Press. Gas: H280	5-20%
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**PROPANE**

200-827-9	74-98-6	Substance with a Community workplace exposure limit.	Flam. Gas 1: H220; Press. Gas: H280	5-20%
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**Section 4: First aid measures**

**4.1. Description of first aid measures**

**Skin contact:** Wash immediately with plenty of soap and water.

**Eye contact:** Bathe the eye with running water for 15 minutes.

**Ingestion:** Not applicable.

**Inhalation:** If unconscious, check for breathing and apply artificial respiration if necessary. Move to fresh air in case of accidental inhalation of vapours. Consult a doctor.

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

**Skin contact:** Frost-bite may occur causing the affected area to become white and numb. There may be redness or whiteness of the skin in the area of exposure.

**Eye contact:** There may be pain and redness.

**Ingestion:** Inhalation of fumes from the stomach may cause symptoms similar to direct inhalation.

**Inhalation:** Drowsiness or mental confusion may occur. There may be loss of consciousness.

**Delayed / immediate effects:** Drowsiness or mental confusion may occur.

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

**Immediate / special treatment:** Show this safety data sheet to the doctor in attendance.

**Section 5: Fire-fighting measures**

[cont...]

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**5.1. Extinguishing media**

**Extinguishing media:** Water spray. Carbon dioxide. Alcohol or polymer foam. Dry chemical powder. Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

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

**Exposure hazards:** In combustion emits toxic fumes.

**5.3. Advice for fire-fighters**

**Advice for fire-fighters:** Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

**Section 6: Accidental release measures**

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

**Personal precautions:** Refer to section 8 of SDS for personal protection details. Turn leaking containers leak-side up to prevent the escape of liquid. Mark out the contaminated area with signs and prevent access to unauthorised personnel.

**6.2. Environmental precautions**

**Environmental precautions:** Alert the neighbourhood to the presence of fumes or gas.

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

**Clean-up procedures:** The fire brigade must be present at any clean-up operation of larger spills.

**6.4. Reference to other sections**

**Reference to other sections:** Refer to section 8 of SDS.

**Section 7: Handling and storage**

**7.1. Precautions for safe handling**

**Handling requirements:** Ensure there is exhaust ventilation of the area. Earth any equipment used in handling. Use non-sparking tools. Smoking is forbidden.

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

**Storage conditions:** Store in a cool, well ventilated area. Keep container tightly closed. The floor of the storage room must be impermeable to prevent the escape of liquids.

**7.3. Specific end use(s)**

**Specific end use(s):** No data available.

**Section 8: Exposure controls/personal protection**

**8.1. Control parameters**

[cont...]

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**Hazardous ingredients:**

**ISOBUTANE**

**Workplace exposure limits:**

**Respirable dust**

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	2400 mg/m3	9600 mg/m3	-	-

**BUTANE**

UK	1450 mg/m3	1810 mg/m3	-	-
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**PROPANE**

UK	1800 mg/m3	7200 mg/m3	-	-
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**DNEL/PNEC Values**

**DNEL / PNEC** No data available.

**8.2. Exposure controls**

**Engineering measures:** Ensure there is exhaust ventilation of the area. Ensure lighting and electrical equipment are not a source of ignition.

**Respiratory protection:** Respiratory protection not required unless indicated by a risk assessment.

**Hand protection:** Protective gloves.

**Eye protection:** Safety glasses.

**Skin protection:** Protective clothing.

**Environmental:** Refer to specific Member State legislation for requirements under Community environmental legislation.

**Section 9: Physical and chemical properties**

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

**State:** Liquified gas

**Colour:** Colourless

**Odour:** Odourless

**Boiling point/range°C:** -11

**Flash point°C:** -104

**9.2. Other information**

**Other information:** No data available.

**Section 10: Stability and reactivity**

**10.1. Reactivity**

**Reactivity:** Stable under recommended transport or storage conditions.

**10.2. Chemical stability**

**Chemical stability:** Stable under normal conditions.

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**10.3. Possibility of hazardous reactions**

**Hazardous reactions:** Hazardous reactions will not occur under normal transport or storage conditions.  
Decomposition may occur on exposure to conditions or materials listed below.  
Decomposition may generate enough heat and gases for fires/explosions.

**10.4. Conditions to avoid**

**Conditions to avoid:** Heat.

**10.5. Incompatible materials**

**Materials to avoid:** Strong oxidising agents. Strong acids.

**10.6. Hazardous decomposition products**

**Haz. decomp. products:** In combustion emits toxic fumes.

**Section 11: Toxicological information**

**11.1. Information on toxicological effects**

**Toxicity values:** No data available.

**Symptoms / routes of exposure**

**Skin contact:** Frost-bite may occur causing the affected area to become white and numb. There may be redness or whiteness of the skin in the area of exposure.

**Eye contact:** There may be pain and redness.

**Ingestion:** Inhalation of fumes from the stomach may cause symptoms similar to direct inhalation.

**Inhalation:** Drowsiness or mental confusion may occur. There may be loss of consciousness.

**Delayed / immediate effects:** Drowsiness or mental confusion may occur.

**Section 12: Ecological information**

**12.1. Toxicity**

**Ecotoxicity values:** No data available.

**12.2. Persistence and degradability**

**Persistence and degradability:** No data available.

**12.3. Bioaccumulative potential**

**Bioaccumulative potential:** No data available.

**12.4. Mobility in soil**

**Mobility:** No data available.

**12.5. Results of PBT and vPvB assessment**

**PBT identification:** This product is not identified as a PBT/vPvB substance.

**12.6. Other adverse effects**

**Other adverse effects:** No data available.

[cont...]

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**Section 13: Disposal considerations**

**13.1. Waste treatment methods**

**Disposal operations:** Transfer to a suitable container and arrange for collection by specialised disposal company.

**NB:** The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

**Section 14: Transport information**

**14.1. UN number**

**UN number:** UN1057

**14.2. UN proper shipping name**

**Shipping name:** LIGHTERS

**14.3. Transport hazard class(es)**

**Transport class:** 2

**14.4. Packing group**

**14.5. Environmental hazards**

**Environmentally hazardous:** No

**Marine pollutant:** No

**14.6. Special precautions for user**

**Special precautions:** No special precautions.

**Tunnel code:** D

**Transport category:** 2

**Section 15: Regulatory information**

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

**Specific regulations:** This product is a Seveso category/named substance in Annex I of Council Directive 96/82/EC.

**15.2. Chemical Safety Assessment**

**Chemical safety assessment:** A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

**Section 16: Other information**

**Other information**

**Other information:** This safety data sheet is prepared in accordance with Commission Regulation (EU) No 2015/830.

\* indicates text in the SDS which has changed since the last revision.

**Phrases used in s.2 and s.3:** H220: Extremely flammable gas.

**Legal disclaimer:** The above information is believed to be correct but does not purport to be all inclusive

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and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.