

# SAFETY DATA SHEET

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## 1. Product and company identification.

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Identification of the substance or preparation:

### **Butane gas**

(Butane gas in gastorch Prof Storm Flexi 1- pack blister)

Supplier: Polyflame Europe  
7 Avenue du Bouton D'Or  
Za Des Petits Carreaxux  
94386 Bonneuil Sur Marne

Distributor: Multi Flame AB  
Okvägen 2, 281 51 Hässleholm  
Tel. +46 (0)451 84501, Fax. +46 (0)451 84582 (office hours only)

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## 2. Hazards identifications

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Extremely flammable liquefied gas.

Ögon: contact with liquid or gas under pressure can cause frostbite (cold burns)  
Skin: contact with liquid can cause frostbite (cold burns)  
Inhalation: may cause irritation to nose and throat, headache, nausea, vomiting, dizziness, euphoria, drowsiness. In poorly ventilated or confined areas, unconsciousness and asphyxiation may result.  
Fire: Air mixture containing 1.9-8.5% butane gas is explosive.

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## 3. Composition/Information on ingredients

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Chemical composition: blend of hydrocarbons consisting primarily of propan, iso-butan and n-butan.  
Risk phrases: Extremely flammable gas.  
Classification: F+ / R12 Extremely flammable gas / F+.  
CAS-nr: 106-97-8  
EC-nr: 203-448-7

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#### 4. First aid measures

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Eye contact: Flush immediately with plenty of water for at least 15 minutes. Hold eyelids apart while flushing to rinse entire surface of eye and lids with water. Get immediate medical attention.

Skin contact: in case of cold burns, immediately place affected area in tepid to warm water and keep immersed until circulation returns.

Inhalation: remove patient immediately to uncontaminated area. Keep warm and at rest. If breathing has stopped or shows signs of failing, commence artificial respiration. Get immediate medical attention.

Ingestion: no emergency care anticipated, since product is a gas under normal conditions.

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#### 5. Fire fighting measures

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Special fire/explosion hazard: can form explosive mixtures with air.

Products of combustion: oxides of carbon.

Fire fighting procedures/  
extinguishing media: dry powder only.

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#### 6. Accidental release measures

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Personal protection: avoid contact with liquid and vapour.

Environmental precautions: extinguish all naked flames and sources of ignition. Disperse vapour.

Methods of cleaning up: disperse vapour with water spray.

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#### 7. Handling and storage

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Precautions during handling: do not use in the vicinity of naked flames and sources of heat.

Precautions during storage: store away from sources of heat and ignition.

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#### 8. Exposure controls/Personal protection

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Special protective measures: use in well ventilated areas.  
Respiratory: avoid exposure to vapour.  
Hand: avoid contact.  
Eye: avoid contact.  
Skin: avoid contact.

Exposure limits: long term (8 hr TWA): 600 ppm  
short term (10 mins): 750 ppm

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#### 9. Physical and chemical properties

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Physical state: colourless liquefied gas.  
Odour: odourless.  
Temperature characteristics: boiling point: -11° C.  
pH: not applicable.  
Solubility -in water: insoluble.  
Vapour pressure (25°C): 3.18 - 3.46 bar.  
Density: 0.552 kg/m3.

Flammability: -liquid (25°C)  
-vapour(15°C)  
-flash point: -74 to -104°C.  
-auto ignition temperature: 405 - 550°C.  
-flammable limits: 1.8 - 10.0% in air.

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#### 10. Stability and reactivity

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Stability: can form explosive mixtures with air.  
Conditions/materials to avoid: strong oxidising agents, peroxide, plastics, chlorine dioxide,  
and concentrated nitric acid.  
Hazardous decomposition products: normally carbon dioxide (carbon monoxide if deficiency in  
oxygen supply).

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#### 11. Toxicological information

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Can lower the concentration of oxygen, risk of suffocating.

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#### 12. Biological information

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Mobility: evaporates into atmosphere.  
Persistence and degradability: degrades under atmospheric conditions.  
Ecotoxicity: no known ecological damage caused by this product.

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#### 13. Disposal considerations

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Disposal of product: do not discharge into areas where there is a risk of forming an explosive mixture. Do not discharge the product to an open fire.

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#### 14. Transport information

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UN Nr 1057 (Lighter with flammable gas)  
RID - ADR 2, 6 F

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#### 15. Regulatory information

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Chemicals (Hazard information and packaging) regulations:

-Risk phrases: R12 extremely flammable liquefied gas.  
-Safety phrases: S16 Keep away from sources of ignition -no smoking.  
S9 Keep in a well ventilated place.  
-Classification/symbol: Extremely flammable/F+.  
Exposure limits: long term (8hr TWA): 600 ppm  
short term (10 mins): 750 ppm

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#### 16. Other information

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Recommended uses: gas in the product Silver Match River Flex 1-pc Blister