

T271 Butane Lighter Fuel 250ml 2

Material Safety Data Sheet

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1. Product And Company Information

Name:	Butane Lighter Fuel 250ml
Use:	Liquefied Petroleum Gas
Product Code:	T271
Supplied By:	Keen (World Marketing) Limited
Information Department:	1 Northbrook Street, Newbury, Berkshire, RG14 1DJ
Emergency:	01635 34600

2. Composition / Information On Ingredients

Ingredient Name:	EC No:	CAS No:	Content:	Symbol:	Risk (R No.)
Butane/Isobutane/Propane			100%	F+	R13

The full text for all R-phrases are shown in section 16.

3. Hazard Identification

Extremely Flammable Gas/F+

Eyes:	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.

4. First Aid Measures

Inhalation:	Immediately remove patient to uncontaminated area. Keep warm and at rest. If breathing has stopped or shows signs of failing, commence artificial respiration. Summon immediate medical attention.
Ingestion:	No emergency care anticipated, since product is a gas under normal conditions.
Skin:	In case of cold burns, immediately place affected area in tepid to warm water and keep immersed until circulation returns.
Eyes:	Immediately flush eyes with cool 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.
Immediate Medical Advice:	Severe inhalation/over-exposure may sensitize the heart to catecholamine-induced arrhythmias. Do NOT administer

	catecholamines to an over-exposed person.
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5. Fire Fighting Measures

Special Fire/ Explosion Hazard:	Can form explosive mixtures with air.
Products Of Combustion:	Oxides of carbon.
Fire Fighting Procedures/Extinguishing Media:	Dry powder only.

6. Accidental Release Measures

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.

7. Handling And Storage

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.
Packing materials:	Aerosol containers.

8. Exposure Controls / Personal Protection

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 (8hr TWA) : 600 ppm Short term (10 mins) : 750 ppm

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9. Physical And Chemical Properties.

Appearance:	Gas
Colour:	Colourless
Odour:	Odourless.
Flashpoint:	-74°C to -104°C
Auto ignition Temperature:	405 – 550°C
Flammable Limits:	1.8 – 10% in air.

10.Stability And Reactivity.

Stability:	Can form explosive mixture with air.
Materials To Avoid:	Can react violently with strong oxidising agents, peroxide, plastics, chlorine dioxide and concentrated nitric acid.
Hazardous Decomposition Products:	Normally carbon dioxide (carbon monoxide if deficiency in oxygen supply)

11.Toxicological Information.

Eyes:	N/A
Skin:	N/A
Inhalation:	Not determined.
Ingestion:	Not determined.
Mutagenicity:	No known behaviour.
Teratogenicity:	No known behaviour.

12.Ecological Information

Mobility:	Evaporates into atmosphere.
Persistence And Degradability:	Degrades under atmospheric conditions.
Ecotoxicity:	No known ecological damage caused by this product.

13.Disposal

Disposal Of Products:	Do not discharge into areas where there is a risk of forming an explosive mixture.
Disposal Of Packaging:	As with other aerosol packaging.

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14. Transport Information

UN No:	1950
Hazchem Code:	2WE
Classification:	Flammable gas
Class	2

15. Regulatory Information

Hazard Symbol:	Extremely flammable F+
Risk Phrases:	R13 – Extremely flammable liquefied gas.
Safety Phrases:	S16 – Keep away from sources of ignition – no smoking. S9 – Keep in a well ventilated place.
Exposure Limits:	Long term (8hr TWA) : 600 ppm Short term (10 mins) : 750 ppm
National Legislation:	The Chemicals (Hazard Information & Packing) Regulations 1994. The Control of Substances Hazardous to Health Regulations The Health and Safety at Work Act

16. Other Information

Handle and apply only as recommended, for full information see product information sheet.

Recommended uses:	Refills for cigarette lighters
Sources of data used to compile data sheet:	Suppliers data sheet.

Version – 02

Date – 11/01/10

The information on this document is based on our best present knowledge. However, it does not constitute a guarantee for any specific product features and does not establish a legally binding contract.