

MATERIAL SAFETY DATA SHEET (MSDS)

Product Name: Butane Candle Lighter

CAS NO: 75-28-5

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Date Prepared : 7/29/03

Date Revised : 12/9/04

Distributed By: Candle Lamp Co.

24 Hr. Emergency Telephone Number:

1-800-255-3924 or 1-813-977-3668 (Collect Calls Accepted)

Information Telephone Number: 1-951-682-9600

1. Product Identification

Product Name: Butane Candle Lighter (M0001)

UPC#: 038993120610

Chemical Name: Liquefied Hydrocarbons

Product Appearance and odor: Colorless, Faint Odor

General Use:

Camping equipment stove. Pilot lights - furnace, water heater, cooking ranges. Candles and hurricane lamps. Portable space heater (non-electric). Outdoor gas or kerosene lanterns.

2. COMPONENTS AND HAZARD INFORMATION

Component	CAS	%	PEL	TLV
Isobuane	75-28-5	50		
Propane	74-98-6	15		
Normal Butane	106-97-8	30		
Pentane	109-66-0	2		
Hexane/Heptane	110-54-3/142-82-5	3		

See Section 5 for Health and Hazard Information

See Section 8 for Environmental Information

ACUTE HEALTH	FIRE	REACTIVITY HMIS	HAZARD RATING:	LEAST-0	SLIGHT-1
1	4	0	MODERATE-2	HIGH-3	EXTREME-4
BASIS: Recommended by manufacturer					

3. PRIMARY ROUTES OF ENTRY AND FIRST AID PROCEDURES

Disposable lighters do not present a health hazard. The information below is supplied as a guideline for larger quantities of liquefied hydrocarbons.

EYE CONTACT: Rinse immediately with water. Remove contact lenses, then flush eyes with water for 10-15 minutes. If irritation persists, call for medical attention.

SKIN CONTACT: Frozen tissues should be flooded or soaked with warm water (105⁰ - 115⁰ F). Do not use hot water. Cryogenic burns which result in blistering or deeper tissue freezing should be promptly seen by a physician.

INHALATION: Immediately remove from contaminated area to fresh air. For respiratory distress, give air, oxygen and/or administer cardiopulmonary resuscitation. Patients should be kept quiet and warm until medical care is obtained.

INGESTION: Rinse mouth with water. Drink 1-2 glasses of water or milk. Do not induce vomiting unless directed by medical personnel.

4. FIRE AND EXPLOSION HAZARD INFORMATION

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FLASH POINT (MINIMUM): -117⁰ F (EST)

NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) - HAZARD IDENTIFICATION

Health - 1 Flammability - 4 Reactivity - 0 BASIS: Recommended by Manufacturer

FLAMMABLE OR EXPLOSIVE LIMITS (APPROXIMATE % BY VOLUME IN AIR)

Lower - 1.8% Higher 8.8% Based on ISOBUTANE

EXTINGUISHING MEDIA AND FIRE FIGHTING PROCEDURES: Use dry chemical, foam or carbon dioxide.

5. HEALTH AND HAZARDS INFORMATION

Disposable lighters do not present a health hazard. The information below is supplied as a guideline for larger quantities of liquefied hydrocarbons.

PRECAUTIONARY LABELING: WARNING: Contains gas under pressure, keep away from flame or heat above 40⁰ C. Keep out of reach of children. Do not puncture or incinerate. Keep away from face when igniting or adjusting flame. Be sure flame is extinguished after use. Failure to follow instructions

EYE CONTACT: This gas is non-irritation but direct contact with liquefied pressurized gas or frost

SKIN CONTACT: This gas in non-irritation but direct contact with liquefied pressurized gas particles may produce freeze burn.

INHALATION: Oxygen deficient atmospheres may produce rapid breathing, dizziness, visual distress, concentration and duration of exposure.

INGESTION: Solid and liquid forms of this material and the pressurized gas can cause freeze burns.

6. PHYSICAL DATA

APPEARANCE & ODOR:	Colorless, faint odor	VAPOR PRESSURE:	2700 mm Hg
SPECIFIC GRAVITY:	<1,0 @ 150 ⁰ C	VAPOR DENSITY:	19 Air = 1
SOLUBILITY IN WATER:	@ 20 ⁰ C Slight	BOILING POINT :	-4 ⁰ F
MOLECULAR WEIGHT:	No data	PERCENT VOLATILE BY VOLUME:	100%
EVAPORATION RATE:	N/A		
POUR, CONGEALING OR MELT POINT:	-255 ⁰ F		

7. REACTIVITY

STABILITY: This product is stable. Hazardous polymerization will not occur.

INCOMPATIBILITY MATERIALS TO AVOID: May react with strong oxidizing agents

HAZARDOUS DECOMPOSITION PRODUCTS: Upon combustion, carbon monoxide and carbon dioxide are generated.

8. ENVIRONMENTAL INFORMATION

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STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Consult health effect information in Sections 3 and 5. Personal health protection in Section 9. Fire protection information in Section 4 and reactivity data in Section 7. Notify appropriate authorities of spill. Remove all sources of ignition.

WASTE DISPOSAL METHOD:

spilled or discarded, may be regulated waste. Refer to state and local regulations. Damaged lighters are to be returned to distributor. DO NOT PUNCTURE OR INCINERATE. Empty lighters may be disposed of at suitable landfill.

9. PROTECTION AND PRECAUTIONS

STORAGE: Keep away from high heat and open flames. Lighters may rupture individually when exposed to high temperatures such as open flames.

VENTILATION: None for lighters.

RESPIRATORY PROTECTION: None for lighters

EYE PROTECTION: None for lighters.

SKIN PROTECTION: None for lighters.

PERSONAL HYGIENE: Consumption of food and beverage should be avoided in work areas before eating, drinking or smoking.

10. TRANSPORTATION AND OSHA RELATED LABEL INFORMATION

TRANSPORTATION INCIDENT INFORMATION: For further information relative to spills resulting from

Response Guidebook for Hazardous Materials Incidents, GUIDE 115

DOT IDENTIFICATION NUMBER: UN 1057

FREIGHT CLASSIFICATION: Lighters, Containing Flammable Gas, Class 2.1, UN 1057,
12 lighters/box, 2.5 #s/case

OSHA REQUIRED LABEL INFORMATION: In compliance with hazard and right-to-know requirements,
invoice accompanying this shipment.

LABELS: **FLAMMABLE GAS 2.1**

NOTE: Product label will contain additional non OSHA related information.