

29-1055-00

Product Name: Colibri Butane Gas

MSDS Number: 224

Revision Date: 1/27/04

Supersedes Date: 10/24/02

MATERIAL SAFETY DATA SHEET

Complies with OSHA Hazard Communication Standard 29 CFR 1910.1200

Product Type: Butane Gas
Product Name: Colibri Butane Gas
Part Number(s): 12-133

Emergency Contact: Chemtrec
Phone (24 hours): (800) 424-9300

Section 1 - Identification of Product

HMIS Ratings:

Least	0
Slight	1
Moderate	2
High	3
Extreme	4

Health NA
Flammability NA
Reactivity NA
Personal Protection NA

Section 2 - Hazardous Ingredients

Hazardous Components (Specific Chemical Identity)

Common Name	CAS#	OSHA PEL	ACGIH TLV	OTHER LIMITS (8 Hr. TWA)	%WT.
Butane	106-97-8			Mac 600 ppm	78%
Propane	74-98-6				22%

Section 3 - Physical Data

Specific Gravity (H₂O=1): 0.559 @ 20°C
Boiling Point: -11°C
Vapor Pressure: 2.73 Bar @ 20°C
Vapor Density: 1.91 @ 15°C
Evaporation rate (Butyl acetate =1): NA
Solubility in Water: Immiscible
Appearance and Odor: Odorless Gas

Section 4 - Fire & Explosion Hazard Data

Autoignition Temp: Range 405 - 548°C
Flash Point: -74 to -104° (-101 to 156°F)
Flammable Gas Explosion Limits: LEL: 1.5 UEL: 8
Extinguishing Media: Dry Powder CO₂ (Carbon Dioxide)

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Special Fire Fighting Procedures: Do not use foam
Keep the containers cool with water
Unusual Fire and Explosion Hazards: Cans can explode when heated above 50°C

Section 5 - Health Hazard Data

Routes of Entry: A) Inhalation? B) Skin? C) Ingestion?
Health Hazards:
(Acute and Chronic)
Carcinogenicity: NTP? N/A IARC Monographs? N/A OSHA Regulated? N/A

Signs and Symptoms of Exposure: A) Headache
B) Red Pain Freezing
C) N/A
Emergency and First Aid Procedures: A) Fresh Air
B) In case of freezing do not take off frozen clothing. Wash with water and consult a doctor.
C) N/A

Section 6 - Reactivity Data

Stability: Unstable () Stable (X)
Conditions to Avoid: N/A
Incompatibility (materials to avoid): N/A
Hazardous decomposition or
Byproducts: Hazards may occur ()
Will occur (X)

Section 7 - Spill or Leak Procedures

Steps To Be Taken in Case Material Is Released Or Spilled: Ventilation, avoid sources of ignition.
Waste Disposal Method: Ventilation, avoid sources of ignition
NOTE: Dispose of all wastes in accordance with federal state and local regulations.

Section 8 - Special Protection Information

Control Measures
Respiratory Protection (specific type)
Ventilation
Local Exhaust: Yes
Mechanical (general): N/A

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Special:	N/A
Other:	N/A
Protective Gloves:	N/A
Eye Protection:	Yes
Other Protective Clothing Or Equipment:	N/A
Work Hygienic practice:	Read directions for use

Section 9 – Special Precautions

Precautions To Be Taken in Handling
And Storing: Aerosols must be stored in a dry cool place

Other Precautions:	N/A
Hazard Class:	2.1 (flammable gas)
UN or NA ID#:	1011
Proper Shipping Name:	Butane
Labeling:	ORM-D

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