



MATERIAL SAFETY DATA SHEET

Section 1 – PRODUCT AND SAFETY SUPPLIER INFORMATION

Product Name: Cyanowand Butane Refill
Common Name: Butane Refill
Supplier: Lightning Powder Company, Inc.
13386 International Parkway, Jacksonville, FL 32218
Emergency Telephone: Chemtel® United States (800) 255-3924 International – 813-248-0585 (Collect)
Date Prepared: November 14, 2002

Section 2 – HAZARDOUS INGREDIENTS

<u>Ingredient</u>	<u>CAS#</u>	<u>Percent</u>	<u>PEL (OSHA)</u>	<u>TLV (ACGIH)</u>
Butane	106-97-8	<2.5	800 ppm	800 ppm
Propylene	115-07-1	<5	Undetermined	Undetermined
Propane	74-98-6	>90	1000 ppm	1000 ppm

Section 3 – PHYSICAL/CHEMICAL PROPERTIES

Appearance and Odor: Clear, colorless gas with no odor unless odorant has been added.
Specific Gravity: No data Stability in Water: Negligible solubility
Boiling Point: -44 deg. F Melting Point: No data
Vapor Density: 1.5 Vapor Pressure (mmHg): 5,585
Evaporation Rate: >1 Percent Volatile: 100

Section 4 – FIRE AND EXPLOSION DATA

Flash Point: -156 Deg. F UEL: 9.5 LEL: 2.1
Extinguishing Media: Dry chemical, foam, carbon dioxide.
Firefighting Procedures: Wear SCBA and protective clothing. Shut off sources of ignition. Water fog or spray may be used to cool fire-exposed containers. If possible, allow fire to burn until gas flow is shut off.
Unusual Fire and Explosion Hazards: Vapors may travel back to source of ignition and flash back. Heated containers may rupture violently due to vessel over-pressure.



Section 10 – TOXICOLOGICAL DATA

Carcinogenicity:

NPT: No

OSHA: No

IARC: No

Acute Inhalation LC50: No data

Acute Dermal LD50: No data

Acute Oral LD50: No data

Section 11 – ECOLOGICAL DATA

Do not release into sewers or waterways.

Section 12 – TRANSPORTATION IDENTIFICATION

Proper Shipping Name: Receptacles, small, compressed gas

Identification Number: UN2037 Hazard Class: 2.1

Packing Group: Not

listed.