



MATERIAL SAFETY DATA SHEET

Section 1 – PRODUCT AND SAFETY SUPPLIER INFORMATION

Product Name: Lightning-Luminol, Part B
Common Name: Blood Detection Activator
Supplier: Lightning Powder Company, Inc.
13386 International Parkway, Jacksonville, FL 32218
Emergency Telephone: CHEM-TEL, INC. 1-800-255-3924 or 813-248-0585 (call collect)
Date Prepared: February 28, 2003

Section 2 – HAZARDOUS INGREDIENTS

<u>Ingredient</u>	<u>CAS#</u>	<u>Percent</u>	<u>PEL (OSHA)</u>	<u>TLV (ACGIH)</u>
Sodium Perborate Tetrahydrate	10486-00-7	96-98	Undetermined	Undetermined

Section 3 – PHYSICAL/CHEMICAL PROPERTIES

Appearance and Odor: Colorless, odorless crystals.
Specific Gravity: Unavailable Solubility in Water: 3% at 25 deg. C
Boiling Point: n/a Melting Point: n/a
Vapor Density: n/a Vapor Pressure (mmHg): n/a
Evaporation Rate: n/a Percent Volatile: 0

Section 4 – FIRE AND EXPLOSION DATA

Flash Point: n/a UEL: n/a LEL: n/a
Extinguishing Media: Material is non-combustible. Use media suitable for surrounding fire.
Firefighting Procedures: Wear SCBA and avoid inhalation of toxic fumes.
Unusual Fire and Explosion Hazards: May liberate oxygen, which can intensify fire.



Section 10 – TOXICOLOGICAL DATA

Carcinogenicity:

NPT: No

OSHA: No

IARC: No

Acute Inhalation LC50: No data available.

Acute Dermal LD50: > 2000 mg/kg (rabbit)

Acute Oral LD50: 1908 mg/kg (rat)

Section 11 – ECOLOGICAL DATA

This product decomposes in the environment to natural borates.

Section 12 – TRANSPORTATION IDENTIFICATION

Proper Shipping Name: Not regulated

Identification Number: n/a

Hazard Class: n/a

Packing Group: n/a