



## MATERIAL SAFETY DATA SHEET

### Section 1 – PRODUCT AND SAFETY SUPPLIER INFORMATION

Product Name: Cyano-Blue  
Common Name: Fluorescent Dye Solution  
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: October 29, 2003

### Section 2 – HAZARDOUS INGREDIENTS

<u>Ingredient</u>	<u>CAS#</u>	<u>Percent</u>	<u>PEL (OSHA)</u>	<u>TLV (ACGIH)</u>
Trade Secret		30-35	Undetermined	Undetermined

### Section 3 – PHYSICAL/CHEMICAL PROPERTIES

Appearance and Odor: Clear, pale yellow liquid with mild odor.  
Specific Gravity: .0995 Solubility in Water: Miscible, with cloudiness  
Boiling Point: 212F, Melting Point: Not determined  
Vapor Density: Heavier than air  
Vapor Pressure (mmHg): Not determined  
Evaporation Rate: Not determined Percent Volatile:74.85

### Section 4 – FIRE AND EXPLOSION DATA

Flash Point: >100 C UEL: Not determined LEL: Not determined  
Extinguishing Media: CO2, dry chemical, foam, water spray or fog.  
Firefighting Procedures: Wear proper protection. Avoid inhalation of vapors.  
Unusual Fire and Explosion Hazards: Heat from fire may liberate combustible vapors.





## Section 10 – TOXICOLOGICAL DATA

Carcinogenicity: Not carcinogenic in rats by oral, subcutaneous injection, or dermal administration, nor teratogenic in limited tests in rats.

NPT: No

OSHA: No

IARC: No

Acute Inhalation LC50: No data available.

Acute Dermal LD50: Rat: 18,000 mg kg<sup>-1</sup>.

Acute Oral LD50: Rat: 19,500 mg kg<sup>-1</sup>.

## Section 11 – ECOLOGICAL DATA

Data not yet available.

## Section 12 – TRANSPORTATION IDENTIFICATION

Proper Shipping Name: Not regulated

Identification Number: n/a

Hazard Class: n/a

Packing Group: n/a