



MATERIAL SAFETY DATA SHEET

Section 1 – PRODUCT AND SAFETY SUPPLIER INFORMATION

Product Name: Basic Yellow 40 Solution
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		24.5	Undetermined	Undetermined

Section 3 – PHYSICAL/CHEMICAL PROPERTIES

Appearance and Odor: Clear, yellow liquid with mild odor.
Specific Gravity: 1.03 Solubility in Water: Complete
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: Not considered flammable 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: No data available.

Acute Oral LD50: No data available.

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