



MATERIAL SAFETY DATA SHEET

Section 1 – PRODUCT AND SAFETY SUPPLIER INFORMATION

Product Name: Basic Yellow 40 Fluorescent Dye
Common Name: Basic Yellow 40, Coumarin Dye
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 4, 2002

Section 2 – HAZARDOUS INGREDIENTS

<u>Ingredient</u>	<u>CAS#</u>	<u>Percent</u>	<u>PEL (OSHA)</u>	<u>TLV (ACGIH)</u>
Basic Yellow 40	Proprietary	100	Undetermined	Undetermined

Section 3 – PHYSICAL/CHEMICAL PROPERTIES

Appearance and Odor: Yellow powder with negligible odor
Specific Gravity: No data Stability in Water: !00 g. soluble in 1 L
Boiling Point: n/a Melting Point: No data
Vapor Density: n/a Vapor Pressure (mmHg): n/a
Evaporation Rate: n/a Percent Volatile: n/a

Section 4 – FIRE AND EXPLOSION DATA

Flash Point: n/a UEL: Not established LEL: Not established
Extinguishing Media: CO2, dry chemical, foam, water
Firefighting Procedures: Wear SCBA to avoid breathing possibly toxic fumes.
Unusual Fire and Explosion Hazards: Airborne concentrations of dust may be flammable or explosive.



Section 9 – PRECAUTIONS FOR SAFE HANDLING AND USE

Special Precautions: Avoid contact with eyes. When processing bulk amounts of powders, avoid creating dusty conditions, ground all containers, and eliminate all possible sources of ignition.

Storage Method: Store in well ventilated areas having low relative humidity.

Section 10 – TOXICOLOGICAL DATA

Carcinogenicity:

NPT: No

OSHA: No

IARC: No

Acute Inhalation LC50: Not established

Acute Dermal LD50: Not established

Acute Oral LD50: 4700 mg/kg (rat)

Section 11 – ECOLOGICAL DATA

Fish Toxicity: LC50 > 1000 mg/L (trout) 48 hrs. No inhibition of waste treatment bacteria @ 300 mg/L. No additional data available.

Section 12 – TRANSPORTATION IDENTIFICATION

Proper Shipping Name: Not regulated

Identification Number: n/a

Hazard Class: n/a

Packing Group: n/a