



MATERIAL SAFETY DATA SHEET

Section 1 – PRODUCT AND SAFETY SUPPLIER INFORMATION

Product Name: Ardrox Fluorescent Dye
Common Name: Ardrox P133D Penetrant
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 5, 2002

Section 2 – HAZARDOUS INGREDIENTS

<u>Ingredient</u>	<u>CAS#</u>	<u>Percent</u>	<u>PEL (OSHA)</u>	<u>TLV (ACGIH)</u>
Petroleum Distillate	64742-46-7	50-60	Undetermined	Undetermined
Glycol Ethoxylate	84133-50-6	10-20	Undetermined	Undetermined
Polyglycol Ether	9016-45-9	10-15	Undetermined	Undetermined
Diisodecyl Phthalate	26761-40-0	5-10	Undetermined	Undetermined

Section 3 – PHYSICAL/CHEMICAL PROPERTIES

Appearance and Odor: Yellow-green liquid with mild odor.
Specific Gravity: 0.871 Stability in Water: Insoluble
Boiling Point: 240 deg. F Melting Point: 53.6 deg. F
Vapor Density: 2.69 Vapor Pressure (mmHg): >0.1 kPa @ 20 deg. C
Evaporation Rate: <1 Percent Volatile: No data available.

Section 4 – FIRE AND EXPLOSION DATA

Flash Point: >200 deg. F (cc) UEL: 6% LEL: 1.1%
Extinguishing Media: Dry chemical, water spray, fog, or foam.
Firefighting Procedures: Do not use water jet for large fire.
Unusual Fire and Explosion Hazards: May be combustible at high temperature.

Section 5 – REACTIVITY DATA

Stability: Yes Hazardous Polymerization: No
Incompatibilities: Oxidizing and reducing agents, organic materials, metals, acids, alkalis.
Hazardous Decomposition Products: COx, NOx



Section 6 – HEALTH HAZARD INFORMATION

Health Hazards: Irritant. Targets blood.

Routes of Entry and First-Aid Procedures: Absorbed through skin, ingestion.

Eyes: Rinse with water for at least 15 minutes. Get medical attention.

Inhalation: Remove to fresh air. If not breathing, give artificial respiration. Seek medical attention.

Skin: Wash thoroughly with soap and water. Use emollient for irritation. Seek medical attention.

Ingestion: Do not induce vomiting unless directed by medical personnel.

Signs and Symptoms of Exposure: Local irritation.

Medical Conditions Aggravated by Exposure: Pre-existing lung, skin, and eye conditions.

Section 7 – EXPOSURE CONTROLS

Respirator Protection: NIOSH approved vapor respirator

Ventilation: Provide exhaust ventilation as needed to restrict airborne concentrations.

Protective Gloves: Impervious

Eye Protection: Safety

Other Protective Equipment: Impervious lab coat. Wear rubber boots in case of a large spill.

Work and Hygienic Practices: Wash thoroughly after handling.

Section 8 – SPILL OR LEAK PROCEDURES

Steps to be taken if material is spilled or released: Absorb with inert material. Place into appropriate container for disposal.

Waste Disposal Method: Non-hazardous waste. This product is not a RCRA characteristic waste as supplied. Observe local, state, and federal regulations.

Section 9 – PRECAUTIONS FOR SAFE HANDLING AND USE

Special Precautions: Avoid prolonged contact with eyes, skin, and clothing. Do not ingest. Avoid breathing vapors or spray mists.

Storage Method: Keep containers tightly closed and store in a cool, well ventilated area.

Section 10 – TOXICOLOGICAL DATA

Carcinogenicity:

NPT: No

OSHA: No

IARC: No

Acute Inhalation LC50: No data available.

Acute Dermal LD50: 1869 mg/kg (rabbit)

Acute Oral LD50: 1310 mg/kg (rat)



Section 11 – ECOLOGICAL DATA

No information found.

Section 12 – TRANSPORTATION IDENTIFICATION

Proper Shipping Name: Not DOT regulated.

Identification Number: n/a

Hazard Class: n/a

Packing Group: n/a