



## MATERIAL SAFETY DATA SHEET

### Section 1 – PRODUCT AND SAFETY SUPPLIER INFORMATION

Product Name: Aqueous Amido Black  
Common Name: Amido Black Solution  
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 11, 2002

### Section 2 – HAZARDOUS INGREDIENTS

<u>Ingredient</u>	<u>CAS#</u>	<u>Percent</u>	<u>PEL (OSHA)</u>	<u>TLV (ACGIH)</u>
Glacial Acetic Acid	64-19-7	5	No data	No data
Formic Acid	64-18-6	5	No data	No data

### Section 3 – PHYSICAL/CHEMICAL PROPERTIES

Appearance and Odor: Dark blue liquid with pungent acetic odor.  
Specific Gravity: No data      Stability in Water: Complete  
Boiling Point: No data      Melting Point: No data  
Vapor Density: No data      Vapor Pressure (mmHg): No data  
Evaporation Rate: No data      Percent Volatile: Approx. 98

### Section 4 – FIRE AND EXPLOSION DATA

Flash Point: No data      UEL: No data      LEL: No data  
Extinguishing Media: Water spray, CO<sub>2</sub>, dry chemical powder, chemical foam.  
Firefighting Procedures: Wear SCBA and protective clothing.  
Unusual Fire and Explosion Hazards: Emits toxic fumes under fire conditions.

### Section 5 – REACTIVITY DATA

Stability: Yes      Hazardous Polymerization: No  
Incompatibilities: Carbonates, hydroxides, many oxides, and phosphates.  
Hazardous Decomposition Products: CO<sub>x</sub>



## **Section 6 – HEALTH HAZARD INFORMATION**

Health Hazards: May be harmful by inhalation, ingestion, or skin absorption.

Routes of Entry and First-Aid Procedures:

Eyes: Rinse for at least 15 minutes with copious amounts of water. Call a physician.

Inhalation: Remove to fresh air. If breathing is difficult, call a physician.

Skin: Flush with large amounts of water for at least 15 minutes.

Ingestion: Rinse out mouth with water if person is alert. Call a physician.

Signs and Symptoms of Exposure: Irritation or burning of skin, eyes, mucous membranes. Stained skin or clothing.

Medical Conditions Aggravated by Exposure: None identified.

## **Section 7 – EXPOSURE CONTROLS**

Respirator Protection: NIOSH approved respirator

Ventilation: Mechanical exhaust

Protective Gloves: Chemical resistant

Eye Protection: Safety

goggles.

Other Protective Equipment: As needed.

Work and Hygienic Practices: Avoid exposure. Wash thoroughly after use.

## **Section 8 – SPILL OR LEAK PROCEDURES**

Steps to be taken if material is spilled or released: Wear personal protection and absorb with inert material and seal in containers for disposal. Wash spill site with water.

Waste Disposal Method: Dissolve or mix with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber. Observe all environmental regulations.

## **Section 9 – PRECAUTIONS FOR SAFE HANDLING AND USE**

Special Precautions: Wear personal protection and avoid contact between product and incompatibilities.

Storage Method: Keep sealed and store in a cool place.

## **Section 10 – TOXICOLOGICAL DATA**

Carcinogenicity:

NPT: No

OSHA: No

IARC: No

Acute Inhalation LC50: No data

Acute Dermal LD50: No data

Acute Oral LD50: No data



**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