

**MSDS - Material Safety Data Sheet****Product Name: Amido Black Solution**

MSDS No.: LV501L

**I. Basic Information:**

Manufacturer: Sirchie Finger Print Laboratories

Address: 100 Hunter Place

City, ST Zip: Youngsville, NC 27596

Emergency Contact: ChemTrec

Emergency Telephone Number: 800-424-9300

Contact: Tech Support

Information Telephone Number: 919-554-2244

Last Update: 01/27/2011

Expiration Date:

Chemical State:  Liquid  Gas  SolidChemical Type:  Pure  Mixture

1	Health
1	Flammability
0	Reactivity
G	Pers. Protection

**II. Ingredients:** Trade Secret

CAS No.	Chemical Name	% Range	EHS		IARC		SARA		OSHA PEL	ACGIH TLV	Other Limits
			NTP		SUB	Z	313				
64197	Acetic acid	10							10 ppm	10 ppm	103 F
64186	Formic acid	2					X				
1064488	Naphthol blue black	<1							NE	NE	
7732185	Water (Distilled)	88							None	None	212 F

**III. Hazardous Identification:**

Hazard Category:

 Acute Chronic Fire Pressure Reactive**Hazardous Identification Information:**

May be harmful if inhaled, ingested, or absorbed by the skin. Respiratory and digestive tract irritant. Skin irritant. Severe eye irritant.

The chemical, physical, and toxicological properties of naphthol blue black have not been thoroughly investigated.

**IV. First Aid Measures:****Route(s) of Entry:**

Inhalation, ingestion, skin, eyes

**Health Hazards (Acute and Chronic):**

Acute: Gastric disturbances

**Signs and Symptoms:****Medical Conditions Generally Aggravated by Exposure:**

Skin, eye, respiratory diseases

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### **Emergency and First Aid Procedures:**

Inhalation: Remove to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen (To be administered by qualified medical personnel only!) Get medical attention.

Ingestion: If victim is conscious and alert, wash out mouth with water. (Never give anything by mouth to an unconscious person!) Get medical attention immediately.

Skin: Flush skin with plenty of soap and water for at least 15 minutes. Remove contaminated clothing. Seek medical attention.

Eyes: Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower lids. Do not allow victim to rub or keep eyes closed. Get medical aid immediately.

### **Other Health Warnings:**

### ***V. Fire Fighting Measures:***

**Flash Point:** NE

**Lower Explosive Limit:** NE

**Upper Explosive Limit:** NE

**F.P. Method:**

**Fire Extinguishing Media:** Water spray, carbon dioxide, dry chemical powder, appropriate foam

### **Special Fire Fighting Procedures:**

Wear self-contained breathing apparatus and protective clothing.

### **Unusual Fire and Explosion:**

### ***VI. Accidental Release Measures:***

#### **Steps to be Taken in Case Material is Released or Spilled:**

Wear organic respirator, safety goggles, and rubber gloves. Sweep up and place in bag or vacuum up with proper filter equipped instrument. Avoid creating dust. Ventilate and wash spill site after collecting solid. Dispose according to local, state, and federal regulations.

### ***VII. Handling and Storage:***

#### **Precautions to be Taken:**

Keep in tightly closed container. Keep cool and dry. Avoid incompatible materials. Use only in well-ventilated areas. Avoid dust generation and accumulation. Avoid inhalation. Avoid contact with skin, eyes, and clothing. Wash thoroughly after handling.

#### **Other Precautions:**

### ***VIII. Exposure Controls/Personal Protection:***

#### **Ventilation Requirements:**

Use only in well-ventilated areas.

#### **Personal Protective Equipment:**

Safety goggles, gloves, organic respirator, protective clothing

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### IX. Physical and Chemical Properties:

**Boiling Point:** 212F

**Melting Point:** NE

**Evaporation Rate (Butyl Acetate = 1):** NE

**Vapor Pressure (mm Hg.):** NE

**Specific Gravity (H2O = 1):**

**Vapor Density (AIR = 1):** NE

**Solubility In Water:** NE

**Appearance and Odor:** Brown to black liquid

**Other Information:** Brown to black liquid with vinegar-like odor.

### X. Stability and Reactivity:

**Stability:**

Stable

**Incompatibility (Materials to Avoid):**

Strong oxidizing agents

**Decomposition/By Products:**

Carbon monoxide, carbon dioxide, nitrogen oxides, sulfur oxides

**Hazardous Polymerization:**

Has not been reported.

### XI. Toxicological Information:

The toxicological properties of Amido Black have not been thoroughly investigated.

### XII. Ecological Information:

Prevent from entering sewers or waterways. May be toxic to some aquatic life.

### XIII. Disposal Considerations:

Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber. Observe all local, state, and federal regulations.

### XIV. Transport Information:

Keep in tightly closed container. Keep cool and dry. Avoid incompatible materials. Avoid dust generation and accumulation. Avoid inhalation. Avoid contact with skin, eyes, and clothing. Wash thoroughly after handling.

### XV. Regulatory Information:

Naphthol blue black (Amido Black) is listed on the TSCA inventory.

### XVI. Other Information:

Using this product under normal, properly instructed procedures should not be hazardous.

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