

MSDS - Material Safety Data Sheet**Product Name: Aqueous Leuco Crystal Violet Part 3**

MSDS No.: LV509/3

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 Solid**Chemical Type:** Pure Mixture

1	Health
0	Flammability
0	Reactivity
E	Pers. Protection

II. Ingredients: Trade Secret

CAS No.	Chemical Name	% Range	EHS	IARC	SARA	OSHA	ACGIH	Other
			NTP	SUB Z	313	PEL	TLV	Limits
603485	Leuco Crystal Violet	100						

III. Hazardous Identification:**Hazard Category:** Acute Chronic Fire Pressure Reactive**Hazardous Identification Information:**

May be harmful by inhalation, ingestion, or skin absorption. May cause skin and eye irritation. May cause irritation to mucous membranes and upper respiratory tract.

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

Eyes, skin, ingestion, inhalation.

Health Hazards (Acute and Chronic):

None reported.

Eye and skin irritant.

Signs and Symptoms:

May cause irritation to skin, eyes, mucous membranes and upper respiratory tract.

Medical Conditions Generally Aggravated by Exposure:

None reported

Emergency and First Aid Procedures:

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Eye and skin contact: Flush with water for at least 15 minutes. If irritation develops, contact a physician.

Inhalation: Remove to fresh air. If not breathing, give artificial respiration; if conscious have qualified personnel administer oxygen.

Ingestion: If conscious, wash mouth out with water. Contact a physician.

Other Health Warnings:

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

V. Fire Fighting Measures:

Flash Point: N/A

Lower Explosive Limit: N/A

Upper Explosive Limit: N/A

F.P. Method:

Fire Extinguishing Media: Non-flammable under normal conditions.

Special Fire Fighting Procedures:

None recommended. Fight fire based upon surrounding materials using all extinguishing media.

Unusual Fire and Explosion:

None reported.

VI. Accidental Release Measures:

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

Wear safety glasses, gloves and a dust respirator. Sweep up or vacuum, place in a bag for proper disposal.

VII. Handling and Storage:

Precautions to be Taken:

Store in a cool dry place away from incompatible materials.

Other Precautions:

Once mixed into aqueous solution, store in a laboratory-type refrigerator.

VIII. Exposure Controls/Personal Protection:

Ventilation Requirements:

No information available.

Personal Protective Equipment:

Safety glasses/goggles, chemical resistant gloves, dust respirator.

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IX. Physical and Chemical Properties:

Boiling Point: N/E

Melting Point: 175 C

Evaporation Rate (Butyl Acetate = 1): N/A

Vapor Pressure (mm Hg.): N/A

Specific Gravity (H2O = 1):

Vapor Density (AIR = 1): N/A

Solubility In Water: Soluble

Appearance and Odor: Lavendar powder/no appreciable odor.

Other Information:

X. Stability and Reactivity:

Stability:

Normally stable.

Incompatibility (Materials to Avoid):

Strong oxidizers, light sensitive, air sensitive.

Decomposition/By Products:

Oxides of carbon and nitrogen.

Hazardous Polymerization:

Will not occur.

XI. Toxicological Information:

Oral Mouse LD50: >5500 mg/kg

Skin mouse LD50: >5000 mg/kg

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

XII. Ecological Information:

May be toxic to some aquatic life.

XIII. Disposal Considerations:

Dispose of according to local, state, and federal regulations.

XIV. Transport Information:

Not regulated.

XV. Regulatory Information:

Not regulated.

XVI. Other Information:

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, expressed or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigation to determine the suitability of the information for their particular purposes.

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