

**MSDS - Material Safety Data Sheet****Product Name: Hungarian Red****MSDS No.:** LV503/1**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

<b>2</b>	Health
<b>1</b>	Flammability
<b>0</b>	Reactivity
<b>H</b>	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	5.0						10 ppm	10 ppm	103 F	
3244880	Fuchsin Violet	10.0									
7732185	Water (Distilled)	85.0						None	None	212 F	

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

Not considered a hazardous product.

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

ORAL, SKIN ABSORPTION, EYES, INHALATION.

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

Slight Irritant to skin and eyes.

**Signs and Symptoms:**

Irritation.

**Medical Conditions Generally Aggravated by Exposure:**

Local irritant.

**Emergency and First Aid Procedures:**

# MSDS - Material Safety Data Sheet

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### MSDS No.: LV503/1

ORAL: DO NOT INDUCE VOMITING. Drink copious amounts of water to dilute stomach contents. Do not give water to an unconscious person. Seek immediate medical attention.

EYES: Immediately flush with water for 15 minutes. Hold eyelids open during washing. Seek medical attention if irritation persists.

SKIN: Immediately flush with water while removing contaminated clothes and shoes. Thoroughly wash before reuse or discard. Seek medical attention if irritation persists.

INHALATION: Remove patient from contaminated area. If breathing has stopped, give artificial respiration, then oxygen if needed. Seek immediate medical attention.

### Other Health Warnings:

MAY CAUSE SKIN AND EYE IRRITATION!

### V. Fire Fighting Measures:

Flash Point: N/A

Lower Explosive Limit: NE

Upper Explosive Limit: NE

### F.P. Method:

Fire Extinguishing Media: Non-flammable

Use water vapor spray, dry chemical, foam or CO<sub>2</sub>. to contain surrounding fire. Use water spray to keep fire-exposed containers cool.

### Special Fire Fighting Procedures:

Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

### Unusual Fire and Explosion:

None.

### VI. Accidental Release Measures:

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

Use care to avoid falls. Wear chemical resistant, splash-proof eye protection and impervious clothing. Dike and contain spill with inert material (sand, earth, etc.), neutralize with caustic soda, then transfer to separate containers for disposal. Keep spill out of municipal sewers and natural waterways. Obey all environmental regulations.

### VII. Handling and Storage:

#### Precautions to be Taken:

Use only in well-ventilated area or use in fuming chamber/hood. Wear chemical-resistant gloves, and safety goggles. When handling large amounts, use impervious aprons and boots. Keep container tightly sealed when not in use.

#### Other Precautions:

Avoid contact with strong alkalis; will result in violent reactions with the evolution of heat. Avoid strong oxidizing agents, amines, and nitric acid.

### VIII. Exposure Controls/Personal Protection:

#### Ventilation Requirements:

Use with adequate ventilation or with fuming hood.

#### Personal Protective Equipment:

Gloves, goggles, synthetic apron, vapor respirator.

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### IX. Physical and Chemical Properties:

**Boiling Point:** 100° C

**Melting Point:** N/A

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

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

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

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

**Solubility In Water:** Complete

**Appearance and Odor:** Red liquid.

**Other Information:**

### X. Stability and Reactivity:

**Stability:**

Stable

**Incompatibility (Materials to Avoid):**

Avoid strong alkalis, strong oxidizing agents, amines and nitric acid.

**Decomposition/By Products:**

Oxides of carbon, nitrogen and sulfur.

**Hazardous Polymerization:**

None

### XI. Toxicological Information:

The product itself and its products of degradation are not toxic.

LD50: Not Available

LC50: Not available

### XII. Ecological Information:

Ecotoxicity: Not Available

### XIII. Disposal Considerations:

Disposal should be in compliance with all federal state and local regulations. If not officially specified differently, non-contaminated packaging may be treated like household waste or be recycled.

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