

MSDS - Material Safety Data Sheet**Product Name: Metal Surfacing Solution, Steel**

MSDS No.: RAG5003A

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: 02/26/2009

Expiration Date:

Chemical State: Liquid Gas SolidChemical Type: Pure Mixture

1	Health
0	Flammability
1	Reactivity
H	Pers. Protection

II. Ingredients: Trade Secret (N/D = Not Disclosed)

CAS No.	Chemical Name	% Range	EHS		IARC		SARA		OSHA PEL	ACGIH TLV	Other Limits
			NTP		SUB Z	313					
64197	Acetic acid solution	4-12									
7732185	Water (Distilled)	88-96						None	None	212 F	

III. Hazardous Identification:

Hazard Category:

 Acute Chronic Fire Pressure Reactive

Hazardous Identification Information:

Skin and eye irritant. Respiratory and digestive tract irritant. Aspiration hazard. Contains 4-12% Acetic acid.

IV. First Aid Measures:

Route(s) of Entry:

Inhalation, ingestion, skin, eyes

Health Hazards (Acute and Chronic):

Acute: Irritation of the eyes and skin.

Chronic: Dermatitis

Signs and Symptoms:

Skin contact may cause dermatitis in sensitive persons. Will cause eye irritation. Ingestion may cause irritation and pain in gullet and stomach.

Medical Conditions Generally Aggravated by Exposure:

Skin and eye diseases.

Emergency and First Aid Procedures:

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Inhalation: If exposed for long periods 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!) Keep victim at rest. Get medical attention.

Ingestion: If swallowed in large amounts, DO NOT induce vomiting. Give several glasses of water if conscious. 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: 150 F

Lower Explosive Limit: 1.3

Upper Explosive Limit: 8.8

F.P. Method:

Fire Extinguishing Media: Fight fire for surrounding materials

Special Fire Fighting Procedures:

Wear self-contained breathing apparatus and protective clothing. Water may be used to cool fire-exposed containers.

Unusual Fire and Explosion:

None anticipated.

VI. Accidental Release Measures:

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

Flush with water. Wipe up. Neutralize with soda ash if necessary.

VII. Handling and Storage:

Precautions to be Taken:

Keep in closed container. Protect from direct sunlight. Use only in well-ventilated areas. Wash thoroughly after handling.

Other Precautions:

"Empty" containers may contain product residue and may be dangerous. Empty containers should be completely drained and bunged and then disposed of according to local, state, and federal regulations.

VIII. Exposure Controls/Personal Protection:

Ventilation Requirements:

Use only in well-ventilated areas.

Personal Protective Equipment:

Safety goggles, gloves, vapor respirator, protective clothing

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IX. Physical and Chemical Properties:

Boiling Point: 244 F

Melting Point: <-76 F

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

Vapor Pressure (mm Hg.): 11

Specific Gravity (H2O = 1):

Vapor Density (AIR = 1): 2.1

Solubility In Water: Soluble

Appearance and Odor: Clear colorless liquid, pungent odor

Other Information:

X. Stability and Reactivity:

Stability:

Stable

Incompatibility (Materials to Avoid):

Strong oxidizing agents

Decomposition/By Products:

Peroxides

Hazardous Polymerization:

Moderate risk of peroxide formation.

XI. Toxicological Information:

Skin and eye irritant. Respiratory and digestive tract irritant. Aspiration hazard. Contains 4-12% Acetic acid.

XII. Ecological Information:

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

XIII. Disposal Considerations:

Dispose according to local, state, and federal regulations.

XIV. Transport Information:

Keep in closed container. Protect from direct sunlight. Wash thoroughly after handling.

XV. Regulatory Information:

Not regulated.

XVI. Other Information:

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

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