MSDS - Material Safety Data Sheet

Product Name: Indentation Removal Solution

MSDS No.: IRS100

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: [X] Liquid [ ] Gas [ ] Solid

Chemical Type: [ ] Pure [X] Mixture

1	Health
0	Flammability
0	Reactivity
H	Pers. Protection

II. Ingredients:

[ ] **Trade Secret** *(N/D = Not Disclosed)*

CAS No.	Chemical Name	% Range	EHS	NTP	IARC	SUB Z	SARA 313	OSHA PEL	ACGIH TLV	Other Limits
7783188	Ammonium thiosulfate	4-4.5						NE	NE	
127093	Sodium acetate	0.5-1						NE	NE	607 C
7732185	Water (Distilled)	94-94.5						None	None	212 F

III. Hazardous Identification:

Hazard Category:

[X] Acute [X] Chronic [ ] Fire [ ] Pressure [ ] Reactive

Hazardous Identification Information:

May be harmful if swallowed or absorbed through the skin. Respiratory tract irritant. Skin and eye irritant.

IV. First Aid Measures:

Route(s) of Entry:

Inhalation, ingestion, skin, eyes

Health Hazards (Acute and Chronic):

Signs and Symptoms:

Ingestion: Wheezing, chest tightness, stomach upset, hives, faintness, weakness, diarrhea

Medical Conditions Generally Aggravated by Exposure:

Skin, eye, respiratory diseases

Emergency and First Aid Procedures:

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Inhalation: Remove to fresh air. If breathing becomes difficult, give oxygen (To be administered by qualified medical personnel only!) If breathing stops, perform artificial respiration. Seek medical attention.

Ingestion: If victim is conscious and alert, give large quantities of water or milk. (Never give anything by mouth to an unconscious person!) Only induce vomiting at the instruction of medical personnel. If vomiting occurs, lower the head so that the vomit will not re-enter the mouth and throat. Seek medical attention.

Skin: Wash with soap and water. If irritation occurs, seek medical attention.

Eyes: Rinse with plenty of water for 15 minutes and seek medical attention.

Other Health Warnings:

V. Fire Fighting Measures:

Flash Point: NE **Lower Explosive Limit:** NE **Upper Explosive Limit:** NE

F.P. Method:

Fire Extinguishing Media: Use proper extinguishing media suitable for surrounding fire.

Special Fire Fighting Procedures:

Wear self-contained breathing apparatus and protective clothing.

Unusual Fire and Explosion:

"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.

VI. Accidental Release Measures:

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

Wear vapor respirator, safety goggles, and rubber gloves. Soak up with inert absorbent material (vermiculite recommended; do not use flammable substances such as sawdust). Clean surface thoroughly to remove residual contamination. Dispose according to local, state, and federal regulations.

VII. Handling and Storage:

Precautions to be Taken:

Keep in tightly closed container. Avoid incompatible materials. Use only in well-ventilated areas. Avoid contact with skin, eyes, and clothing. Avoid inhalation. 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: 212 F

Melting Point: NE

Evaporation Rate (Butyl Acetate = 1): NE

Vapor Pressure (mm Hg.): 18

Specific Gravity (H20 = 1):

Vapor Density (AIR = 1): 0.6

Solubility In Water: Complete

Appearance and Odor: *

Other Information: * Appearance & Odor: Light yellow liquid; slight sulfur-vinegar odor

X. Stability and Reactivity:

Stability:

Stable

Incompatibility (Materials to Avoid):

Bases, sodium hypochlorite (bleach), strong oxidizing agents, strong acids

Decomposition/By Products:

Ammonia, sulfur dioxide, nitrogen oxides, chloramine, carbon monoxide and dioxide

Hazardous Polymerization:

Will not occur.

XI. Toxicological Information:

May be harmful if swallowed or absorbed through the skin. Respiratory tract irritant. Skin and eye irritant.

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 tightly closed container. Avoid incompatible materials. Avoid contact with skin, eyes, and clothing. Avoid inhalation. Wash thoroughly after handling.

XV. Regulatory Information:

XVI. Other Information:

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

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