

MSDS - Material Safety Data Sheet**Product Name: Iodine Print Fixative Remover**

MSDS No.: 215CS1,2

I. Basic Information:**Manufacturer:** Sirchie Finger Print Laboratories**Address:** 100 Hunter Place**City, ST Zip:** Youngsville, NC 27596**Country:** USA**Contact:** Tech Support**Information Telephone Number:** 919-554-2244**Emergency Contact:** ChemTrec**Emergency Telephone Number:** 800-424-9300**Emergency Restrictions:****Product Name:** Iodine Print Fixative Remover**MSDS No.:** 215CS1,2**Issue Date:** 10/24/2011**Supersedes Date:** Not Available**II. Hazards Identification:****EMERGENCY OVERVIEW**

May be harmful if swallowed. May be harmful if absorbed through the skin.

Contains Ammonium thiosulfate, Sodium bisulfate, Acetic acid, boric acid.

OSHA Regulatory Status

This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Potential Health Effects**Route(s) of Entry:**

Inhalation, Eyes, Skin, Ingestion

Health Hazards (Acute and Chronic):

May be harmful if swallowed or absorbed through the skin.

Signs and Symptoms:

Irritation of the eyes, skin and gastrointestinal tract.

Medical Conditions Generally Aggravated by Exposure:

N/A

Other Health Warnings:

Never give anything by mouth to an unconscious person.

Potential Environmental Effects

Not Available

III. Composition/Information on Ingredients:

Chemical Name	CAS No.	% Range	Trade Secret
Sodium thiosulfate, pentahydrate	10102177	10.0	
Water (Distilled)	7732185	90.0	

IV. First Aid Measures:**Emergency and First Aid Procedures:**

Inhalation: Move to fresh air. Treat symptomatically. Get medical attention if symptoms persist.

Eyes: Flush with water for at least 15 minutes, being certain to lift eyelids occasionally.

Skin: Wash with soap and water. If symptoms occur, see a physician.

Ingestion: Do not induce vomiting unless instructed by medical personnel. Contact a physician or poison control center immediately.

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Note to Physicians:

None specified

V. Fire Fighting Measures:**Suitable Extinguishing Media:**

Non-flammable.

Unsuitable Extinguishing Media:

Fight fire based on surrounding materials. Wear self-contained breathing apparatus and protective clothing. Fire or excessive heat may produce hazardous decomposition byproducts.

Products of Combustion:

None known

Protection of Firefighters:

N/A

VI. Accidental Release Measures:**Personal Precautions:**

Safety goggles, gloves, dustvapor respirator, protective clothing

Environmental Precautions:

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

Methods for Containment:

Dike if necessary

Methods for Cleanup:

Flush to sewer using large amounts of water. Otherwise, absorb spill with Vermiculite or similar materials, and then place in a container for chemical waste. Clean surface thoroughly to remove residue.

Other Information:

Dispose according to local, state, and federal regulations pursuant to 40 CFR part 261 of the Resource Conservation & Recovery Act (RCRA).

VII. Handling and Storage:**Handling Precautions:**

Handling: Avoid breathing mist or vapor. Avoid contact with skin, eyes and clothing. Use with adequate ventilation. Wash thoroughly after handling.

Storage: Keep in tightly closed container. Keep away from incompatible materials.

Storage Precautions:

Keep from contact with oxidizing materials

VIII. Exposure Controls/Personal Protection:

Chemical Name	OSHA PEL	ACGIH TLV	Other Limits
Water (Distilled)	None	None	212 F
Sodium thiosulfate, pentahydrate	NE	NE	Not Available

Engineering Controls:

Use only with adequate ventilation. Respiratory protection not needed when product is used as directed.

Personal Protective Equipment:

Personal protection: glasses, gloves, and protective clothing

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IX. Physical and Chemical Properties:

Boiling Point: 212-degrees (100C)

Boiling Range: Not Available

Solubility In Water: Soluble

Flash Point: N/A

Odor Threshold: Not Available

Vapor Density (AIR = 1): 0.06

pH Range: Not Available

Decomposition Temp: Not Available

Lower Explosive Limit: N/A

Specific Gravity (H2O = 1): Not Available

Other Information: Not Available

Melting Point: N/A

Freezing Point: Not Available

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

Flash Point Method: N/A

Appearance and Odor: Light yellow liquid, sulfur/acetic acid odor

Vapor Pressure (mm Hg.): 68 F (20C): 24 mbar

Partition Coefficient: Not Available

Auto-Ignition Temp: Not Available

Upper Explosive Limit: N/A

X. Stability and Reactivity:

Stability:

Normally stable.

Conditions to Avoid:

None specified

Incompatible Materials:

Bases, sodium hypochlorite, strong acids, strong oxidizing agents.

Hazardous Decomposition Products:

Ammonia, sulfur dioxide, nitrogen oxides, carbon oxides, chloramine.

Possibility of Hazardous Reactions:

Will not occur.

XI. Toxicological Information:

May be harmful if swallowed. May cause difficulty in breathing. Some asthmatics or sulfite-sensitive persons may experience chest tightness, wheezing. May be harmful if ingested.

None of the materials in this product are carcinogenic: IARC, OSHA, ACGIH, NTP

XII. Ecological Information:

In concentrated form, may cause oxygen depletion in streams and waterways. May be harmful to some aquatic life.

XIII. Disposal Considerations:

Dispose according to local, state, and federal regulations pursuant to 40 CFR part 261 of the Resource Conservation & Recovery Act (RCRA).

XIV. Transport Information:

Shipping Name: N/A

DOT Hazard Class: Not Available

UN/NA#: Not Available

Transportation Information:

Ship in tightly sealed container.

DOT Subsidiary Hazard Class: Not Available

Packing Group: Not Available

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XV. Regulatory Information:

Not regulated.
 No materials in this product are known to cause cancer or to cause adverse reproductive effects.

XVI. Other Information:

Chemical State: Liquid Gas Solid
Chemical Type: Pure Mixture
Hazard Category:
 Acute Chronic Fire
 Pressure Reactive



Additional Manufacturer Warnings:

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

1	Health
0	Flammability
0	Physical Hazard
B	Pers. Protection

Additional Product 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.