

**MSDS - Material Safety Data Sheet****Product Name: Erased Ink #3**

MSDS No.: EINK3

**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:** 01/26/2011**Expiration Date:****Chemical State:**  Liquid  Gas  Solid**Chemical Type:**  Pure  Mixture

2	Health
1	Flammability
1	Reactivity
H	Pers. Protection

**II. Ingredients:** Trade Secret

CAS No.	Chemical Name	% Range	EHS		IARC		SARA		OSHA PEL	ACGIH TLV	Other Limits
			NTP		SUB Z	313					
56815	Glycerine	60						5 mg/m3	10 mg/m3	390 F	
7553562	Iodine	4						1 mg/m3	1 mg/m3	0.1 mg/r	
7681110	Potassium iodide	12						NE	NE	680 C	
7732185	Water (Distilled)	24						None	None	212 F	

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

Oxidizer. Respiratory and digestive tract irritant. Skin irritant. Severe eye irritant. May have adverse fetal effects.

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

Inhalation, ingestion, skin, eyes

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

Chronic: Iodism, skin burns

**Signs and Symptoms:**

Ingestion: Nausea, vomiting, diarrhea

Skin: Inflammation, itching, scaling, reddening, occasional blistering

Eyes: Inflammation, redness, watering, itching

Iodism: Salivation, nasal discharge, sneezing, conjunctivitis, fever, laryngitis, bronchitis, stomatitis, skin rashes

**Medical Conditions Generally Aggravated by Exposure:**

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Skin, eye, respiratory diseases

### Emergency and First Aid Procedures:

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!) DO NOT induce vomiting unless directed to do so by 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. Remove contaminated clothing. If irritation occurs, seek medical attention.

Eyes: Rinse with plenty of water for 15 minutes and seek medical attention. DO NOT use an eye ointment.

Convulsions: Do not restrain the victim, but do remove objects with which they might injure themselves; or, orient the victim to prevent them from striking fixed heavy objects. If the convulsions cease, turn the victim on their side or face down, so that any fluid in the mouth can drain.

### Other Health Warnings:

### V. Fire Fighting Measures:

Flash Point: 390 F

Lower Explosive Limit: NE

Upper Explosive Limit: NE

F.P. Method:

Fire Extinguishing Media: Water fog or fine spray, carbon dioxide, dry chemical, foam

### Special Fire Fighting Procedures:

Wear self-contained breathing apparatus and protective clothing. DO NOT use straight streams of water--will spread fire.

### Unusual Fire and Explosion:

Violent steam generation or eruption may occur upon application of direct water stream.

### VI. Accidental Release Measures:

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

DO NOT touch spilled material. Wear vapor respirator, safety goggles, and rubber gloves. Remove sources of ignition (i.e. open flames, sparks). Stop leak if without risk. Dike if necessary. Cover and soak up with inert absorbent material (do not use flammable substances such as sawdust). Dispose according to local, state, and federal regulations.

### VII. Handling and Storage:

#### Precautions to be Taken:

Keep in closed container. Maintain temperature between 64-130 F. Keep cool and dry. Avoid ignition sources (heat, open flame, spark). Avoid incompatible materials. Use only in well-ventilated areas. Avoid inhalation and ingestion. Avoid contact with skin, eyes, and clothing. Wash thoroughly after handling.

#### Other Precautions:

DO NOT wear contact lenses while using this product.

### VIII. Exposure Controls/Personal Protection:

#### Ventilation Requirements:

Use only in well-ventilated areas.

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### Personal Protective Equipment:

Safety goggles, gloves, vapor respirator, protective clothing

### IX. Physical and Chemical Properties:

Boiling Point: ~340 F

Melting Point: 64 F

Evaporation Rate (Butyl Acetate = 1): NE

Vapor Pressure (mm Hg.): 3

Specific Gravity (H<sub>2</sub>O = 1):

Vapor Density (AIR = 1): 3.1

Solubility In Water: Miscible

Appearance and Odor: Dark brown liquid; pungent odor

Other Information:

### X. Stability and Reactivity:

#### Stability:

Stable under normal temperatures and pressures

#### Incompatibility (Materials to Avoid):

Strong oxidizing agents, alkaloid salts, chloral hydrate, calomel (mercurous chloride), potassium chlorate, metallic salts, acids, bromine trifluoride, fluorine perchlorate, combustible materials, organic materials, metals

#### Decomposition/By Products:

Aldehydes, carbon monoxide and dioxide, acrolein, potassium oxides, iodine

#### Hazardous Polymerization:

Will not occur.

### XI. Toxicological Information:

Chronic ingestion of iodides during pregnancy has resulted in fetal death, severe goiter, and cretinoid appearance of the newborn.

### 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. Maintain temperature between 64-130 F. Keep cool and dry. Avoid ignition sources (heat, open flame, spark). Avoid incompatible materials. Avoid inhalation and ingestion. Avoid contact with skin, eyes, and clothing. Wash thoroughly after handling.

### XV. Regulatory Information:

Potassium iodide and iodine are listed on the TSCA inventory.

Iodine is hazardous by definition of OSHA Hazard Communication Standard (29 CFR 1910.1200).

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***XVI. Other Information:***

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

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.