

**MSDS - Material Safety Data Sheet****Product Name: Reagent for Special Opiates (Codeine, Heroin, & Morphine)**

MSDS No.: NARK20010

**I. Basic Information:**

Manufacturer: Sirchie Finger Print Laboratories

Address: 100 Hunter Place

City, ST Zip: Youngsville, NC 27596

Emergency Contact: ChemTrec

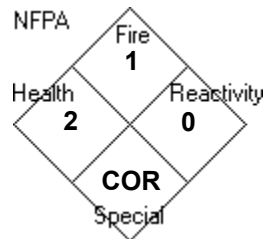
Emergency Telephone Number: 800-424-9300

Contact: Tech Support

Information Telephone Number: 919-554-2244

Last Update: 01/31/2011

Expiration Date:

Chemical State:  Liquid  Gas  SolidChemical Type:  Pure  Mixture

2	Health
1	Flammability
0	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					
12054-85-2	Ammonium molybdate tetrahydrate	<5					X		N/E	N/E	
7664939	Sulfuric acid	>95	X		X		X		1 mg/m <sup>3</sup>	1 mg/m <sup>3</sup>	554 F

**III. Hazardous Identification:**

Hazard Category:

 Acute Chronic Fire Pressure Reactive**Hazardous Identification Information:**

Respiratory tract irritant. Skin and eye irritant. May cause severe skin and eye burns.

This material is subject to the reporting requirements of Section 313 of SARA Title III and 40 CFR Part 373.

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

Inhalation, ingestion, skin, eyes

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

Acute: Severe skin and eye burns

Chronic: Inflammation of the nose, throat, and bronchial tubes

**Signs and Symptoms:****Medical Conditions Generally Aggravated by Exposure:**

Pulmonary, eye, skin diseases

**Emergency and First Aid Procedures:**

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Inhalation: 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!) Get medical attention.

Ingestion: DO NOT induce vomiting. If victim is conscious and alert, give milk, water, or milk of magnesia. (Never give anything by mouth to an unconscious person!) 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:** NE

**Lower Explosive Limit:** 1,000

**Upper Explosive Limit:** 1,000

**F.P. Method:**

**Fire Extinguishing Media:** Suitable dry chemical--DO NOT use water!

### **Special Fire Fighting Procedures:**

Wear self-contained breathing apparatus and protective clothing.

### **Unusual Fire and Explosion:**

Reacts violently with water and organic materials with evolution of heat. May react with metals to form flammable hydrogen gas.

### ***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). Ventilate spill site after collection. Dispose according to local, state, and federal regulations.

### ***VII. Handling and Storage:***

#### **Precautions to be Taken:**

Keep in closed container. Keep cool. Avoid incompatible materials. Use only in well-ventilated areas. Avoid contact with skin, eyes, and clothing. Avoid breathing vapor. Wash thoroughly after handling.

#### **Other Precautions:**

### ***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: NE

Melting Point: NE

Evaporation Rate (Butyl Acetate = 1): NE

Vapor Pressure (mm Hg.): NE

Specific Gravity (H2O = 1):

Vapor Density (AIR = 1): NE

Solubility In Water: Soluble

Appearance and Odor: Clear-pale amber liquid; acrid odor

Other Information:

### X. Stability and Reactivity:

Stability:

Stable

Incompatibility (Materials to Avoid):

Metals, water, organic materials

Decomposition/By Products:

Flammable hydrogen gas

Hazardous Polymerization:

Not applicable for polymerization.

### XI. Toxicological Information:

Ammonium molybdate tetrahydrate: No data available

Carcinogenicity

Sulfuric acid

ACGIH--A2: Suspected human carcinogen

OSHA--Select carcinogen

IARC--Group 1: Carcinogenic to humans

### XII. Ecological Information:

Prevent from entering sewers or waterways. Toxic to some aquatic life.

### XIII. Disposal Considerations:

Dispose according to local, state, and federal regulations.

Selenious acid

RCRA waste no. U204

### XIV. Transport Information:

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IATA

Shipping name: Chemical kit

Hazard class: 9

UN no.: 3316

Packing group: II

## ***XV. Regulatory Information:***

All ingredients are listed on the TSCA inventory.

Sulfuric acid is listed on the EPA Extremely Hazardous Substances (EHS) list.

Sulfuric acid is listed as a Hazardous Substance under the Clean Water Act.

This material is subject to the reporting requirements of Section 313 of SARA Title III and 40 CFR Part 373.

## ***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.