

MSDS - Material Safety Data Sheet**Product Name: Marquis Reagent for Amphetamines, Heroin, & Opium Alkaloids**

EVIDENT, INC.
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MSDS No.: NARK2001

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					
50000	Formaldehyde	<1.5	X		X		X		5 ppm	0.3 ppm	
7664939	Sulfuric acid	96	X		X		X		1 mg/m3	1 mg/m3	554 F
7732185	Water (Distilled)	<2							None	None	212 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: Erosion of the teeth; inflammation of the nose, throat, and bronchial tubes

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

Pulmonary, eye, skin diseases

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Emergency and First Aid Procedures:

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.

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 (sodium bicarbonate or a 50-50 soda ash-slaked lime mixture recommended; do not use flammable substances such as sawdust). Mix and add water if necessary to form a slurry. Scoop up slurry. Ventilate spill site after collection. Dispose according to local, state, and federal regulations. Normal disposal includes neutralization and absorption in vermiculite, dry sand, earth, or similar material.

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. Be prepared to neutralize and absorb spilled acid.

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.): Low

Specific Gravity (H2O = 1):

Vapor Density (AIR = 1): 3.40

Solubility In Water: Complete

Appearance and Odor: Clear, colorless, odorless

Other Information:

X. Stability and Reactivity:

Stability:

Stable

Incompatibility (Materials to Avoid):

Water, organic materials, chlorates, carbides, fulminates, picrates, metals

Decomposition/By Products:

Sulfur dioxide, flammable hydrogen gas

Hazardous Polymerization:

Does not occur.

XI. Toxicological Information:

Carcinogenicity

Sulfuric acid

ACGIH--A2: Suspected human carcinogen

OSHA--Select carcinogen

IARC--Group 1: Carcinogenic to humans

Formaldehyde

ACGIH--A2: Suspected human carcinogen

California--Carcinogen

NIOSH--Occupational carcinogen

NTP--Suspect carcinogen

OSHA--Possible select carcinogen

IARC--Group 2A: Probably carcinogenic to humans

XII. Ecological Information:

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

XIII. Disposal Considerations:

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Formaldehyde

RCRA U-Series: Waste no. U122

XIV. Transport Information:

Keep in closed container. Keep cool. Avoid incompatible materials. Avoid contact with skin, eyes, and clothing. Avoid breathing vapor. Wash thoroughly after handling. Be prepared to neutralize and absorb spilled acid.

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 and formaldehyde are listed on the EPA Extremely Hazardous Substances (EHS) list.

Formaldehyde is listed as a Hazardous Air Pollutant (HAP) under the Clean Air Act.

Sulfuric acid and formaldehyde are listed as Hazardous Substances under the Clean Water Act.

Formaldehyde is considered highly hazardous by OSHA.

California Proposition 65: This product contains chemical(s) known to the State of California to cause cancer and birth defects or other reproductive harm (formaldehyde).

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.