

MSDS - Material Safety Data Sheet**Product Name: MDPV Reagent**

MSDS No.: NARK20024

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:** MDPV Reagent**MSDS No.:** NARK20024**Issue Date:** 09/21/2011**Supersedes Date:** Not Available**II. Hazards Identification:****EMERGENCY OVERVIEW**

This material is considered hazardous by the OSHA Communications Standard (29CFR 1910 1200)

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, 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:

Irritation, possible skin burns

Medical Conditions Generally Aggravated by Exposure:

Pulmonary, eye, skin diseases

Other Health Warnings:

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.

Potential Environmental Effects

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

III. Composition/Information on Ingredients:

Chemical Name	CAS No.	% Range	Trade Secret
Formaldehyde	50000	<1.5	
Sulfuric acid	7664939	96	
Water (Distilled)	7732185	<2	

IV. First Aid Measures:**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.

Note to Physicians:

None specified

V. Fire Fighting Measures:

Suitable Extinguishing Media:

Suitable dry chemical--DO NOT use water!

Unsuitable Extinguishing Media:

Do Not use water

Products of Combustion:

Reacts violently with water, certain metals and organic materials with evolution of heat.

Protection of Firefighters:

Wear normal turnout gear. Wear self-contained breathing apparatus and protective clothing.

VI. Accidental Release Measures:

Personal Precautions:

Safety goggles, gloves, vapor respirator, protective clothing

Environmental Precautions:

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

Methods for Containment:

Dike flow if necessary.

Methods for Cleanup:

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.

Other Information:

None specified.

VII. Handling and Storage:

Handling Precautions:

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.

Storage Precautions:

Avoid storage with bases (alkaline materials).

VIII. Exposure Controls/Personal Protection:

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Chemical Name	OSHA PEL	ACGIH TLV	Other Limits
Sulfuric acid	1 mg/m3	1 mg/m3	554 F
Formaldehyde	5 ppm	0.3 ppm	Not Available
Water (Distilled)	None	None	212 F

Engineering Controls:

Use only in well-ventilated areas.

Personal Protective Equipment:

Safety goggles, gloves, vapor respirator, protective clothing

IX. Physical and Chemical Properties:

Boiling Point: NE

Boiling Range: N/A

Solubility In Water: Complete

Flash Point: NE

Odor Threshold: N/A

Vapor Density (AIR = 1): 3.40

pH Range: Not Available

Decomposition Temp: N/A

Lower Explosive Limit: 1,000

Specific Gravity (H2O = 1): Not Available

Other Information: None specified

Melting Point: NE

Freezing Point: N/A

Evaporation Rate (Butyl Acetate = 1): NE

Flash Point Method: N/A

Appearance and Odor: Clear, colorless, odorless

Vapor Pressure (mm Hg.): Low

Partition Coefficient: N/A

Auto-Ignition Temp: N/A

Upper Explosive Limit: 1,000

X. Stability and Reactivity:

Stability:

Stable

Conditions to Avoid:

Store in cool, dry area.

Incompatible Materials:

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

Hazardous Decomposition Products:

Sulfur dioxide, flammable hydrogen gas

Possibility of Hazardous Reactions:

Does not occur.

XI. Toxicological Information:

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Toxic acid.

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:

Dispose according to local, state, and federal regulations. Normal disposal includes neutralization and absorption in vermiculite, dry sand, earth, or similar material.

Formaldehyde

RCRA U-Series: Waste no. U122

XIV. Transport Information:

Shipping Name: Not Available

DOT Hazard Class: 9

DOT Subsidiary Hazard Class: Not Available

UN/NA#: Not Available

Packing Group: II

Transportation 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.

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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.

2	Health
1	Flammability
0	Physical Hazard
H	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.