

MSDS - Material Safety Data Sheet

Product Name: MEPHEDRONE Reagent

MSDS No.: NARK20025B

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: MEPHEDRONE Reagent

MSDS No.: NARK20025B

Issue Date: 09/21/2011

Supersedes Date: Not Available

II. Hazards Identification:

EMERGENCY OVERVIEW

May be harmful if inhaled, ingested, or absorbed through the skin. May irritate respiratory and digestive tracts. May irritate skin and eyes.

The chemical, physical, and toxicological properties of sodium nitroferricyanide dihydrate have not been thoroughly investigated.

These chemicals, as used in our chemical field test reagents, are in diluted and minimal concentrations and should not be harmful to users who adhere to good chemical handling hygiene.

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: Possible skin & eye burns

Chronic: "Soda ulcers" on the hands

Signs and Symptoms:

Inhalation: Burning pain in the nose and throat, coughing, wheezing, shortness of breath, pulmonary edema

Medical Conditions Generally Aggravated by Exposure:

Skin, eye, respiratory diseases

Other Health Warnings:

These chemicals, as used in our chemical field test reagents, are in diluted and minimal concentrations and should not be harmful to users who adhere to good chemical handling hygiene.

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 |
|--|----------|---------|--------------|
| Sodium carbonate | 497198 | 1.92 | |
| Sodium nitroferricyanide (III) dihydrate | 13755389 | 1.92 | |
| Water (Distilled) | 7732185 | 96.16 | |

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 2-4 cups of milk or water. (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:**

Use proper extinguishing media suitable for surrounding fire.

Unsuitable Extinguishing Media:

Wear self-contained breathing apparatus and protective clothing.

Products of Combustion:

None specified

Protection of Firefighters:

Wear normal turnout gear

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

Wear vapor respirator, safety goggles, and rubber gloves.

Environmental Precautions:

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

Methods for Containment:

Dike if necessary

Methods for Cleanup:

Soak up with inert absorbent material (do not use flammable substances such as sawdust). Ventilate and wash spill site after collection.

Other Information:

Dispose according to local, state, and federal regulations.

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

Keep in tightly closed container. Keep cool and dry. Avoid incompatible materials. Use only in well-ventilated areas. Avoid contact with skin, eyes, and clothing. Do not inhale. Avoid prolonged or repeated exposure. Wash thoroughly after handling.

Storage Precautions:

Avoid strong acids, aluminum

VIII. Exposure Controls/Personal Protection:

| Chemical Name | OSHA PEL | ACGIH TLV | Other Limits |
|--|-----------------|------------------|---------------------|
| Water (Distilled) | None | None | 212 F |
| Sodium nitroferrocyanide (III) dihydrate | NE | NE | Not Available |
| Sodium carbonate | NE | NE | Not Available |

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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: ~212 F

Boiling Range: N/A

Solubility In Water: Soluble

Flash Point: NE

Odor Threshold: N/A

Vapor Density (AIR = 1): NE

pH Range: N/A

Decomposition Temp: N/A

Lower Explosive Limit: NE

Specific Gravity (H2O = 1): Not Available

Other Information: nONE SPECIFIED

Melting Point: ~32 F

Freezing Point: N/A

Evaporation Rate (Butyl Acetate = 1): NE

Flash Point Method: N/A

Appearance and Odor: Clear liquid

Vapor Pressure (mm Hg.): NE

Partition Coefficient: N/A

Auto-Ignition Temp: N/A

Upper Explosive Limit: NE

X. Stability and Reactivity:

Stability:

Stable

Conditions to Avoid:

nONE SPECIFIED

Incompatible Materials:

Strong acids, aluminum

Hazardous Decomposition Products:

Carbon monoxide & dioxide

Possibility of Hazardous Reactions:

Does not occur.

XI. Toxicological Information:

The toxicological properties of sodium nitroferricyanide dihydrate have not been fully investigated.

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:

Shipping Name: Not Available

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Product Name: **MEPHEDRONE Reagent**

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DOT Hazard Class: **8**

DOT Subsidiary Hazard Class: **Not Available**

UN/NA#: **UN3316**

Packing Group: **II**

Transportation Information:

Keep in tightly closed container. Keep cool and dry. Avoid incompatible materials. Avoid contact with skin, eyes, and clothing. Do not inhale. Avoid prolonged or repeated exposure. Wash thoroughly after handling.

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.

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 |
| 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.