

MATERIAL SAFETY DATA SHEET

Zinc Acetate 3% (w/v)

SECTION 1 . Product and Company Identification

Product Name and Synonym: Zinc Acetate 3% (w/v)

Product Code: 9900

Material Uses:

Manufacturer: Science Stuff
1104 Newport Ave

Austin, TX 78753

(512) 837-6020

Entry Date : 7/2/2013

Print Date: 7/2/2013

24 Hour Emergency Assistance : Chemtrec 800-424-9300
Canutec 613-996-6666

| | |
|---------------|---|
| Health: | 1 |
| Flammability: | 0 |
| Reactivity: | 0 |

Hazard Rating:
Least Slight Moderate High Extreme
0 1 2 3 4
NA=Not Applicable NE=Not Established

SECTION 2 HAZARD IDENTIFICATION

May be harmful if swallowed. May cause irritation. Avoid breathing vapors, or dusts. Use with adequate ventilation. Avoid contact with eyes, skin, and clothes. Wash thoroughly after handling. Keep container closed.

SECTION 3 MIXTURE COMPONENTS

| SARA 313 | Component | CAS Number | Percent Comp. | Dimension | Exposure Limits |
|--------------------------|-------------------------------|----------------|---------------|-----------|--|
| <input type="checkbox"/> | Acetic Acid, Glacial | CAS# 64-19-7 | 0.2% | V/V | 10 ppm OSHA TWA, 15 ppm OSHA STEL |
| <input type="checkbox"/> | Water, Deionized ASTM Type II | CAS# 7732-18-5 | Balance | V/V | None Established |
| <input type="checkbox"/> | Zinc Acetate Dihydrate | CAS# 5970-45-6 | 3% | W/V | TXDS: orl-rat LD ₅₀ : 794 mg/Kg |

SECTION 4 FIRST AID MEASURES

May be harmful if swallowed. May cause irritation. Avoid breathing vapors, or dusts. Use with adequate ventilation. Avoid contact with eyes, skin, and clothes. Wash thoroughly after handling. Keep container closed.

FIRST AID: SKIN: Wash exposed area with soap and water. If irritation persists, seek medical attention.

EYES: Wash eyes with plenty of water for at least 15 minutes, lifting lids occasionally. Seek Medical Aid. INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen

INGESTION: Give several glasses of milk or water. Vomiting may occur spontaneously, but DO NOT INDUCE! Never give anything by mouth to an unconscious person.

SECTION 5 FIRE FIGHTING MEASURES

Fire Extinguisher Type: Any means suitable for extinguishing

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surrounding fire
None Known.
Fire / Explosion Hazards:
Fire Fighting Procedure: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and clothing.

SECTION 6 ACCIDENTAL RELEASE MEASURES

For small spills, take up with sand or other inert material and place in container for later disposal.

SECTION 7 HANDLING AND STORAGE

Keep away from heat and flame. Do not get in eyes, on skin, on clothing. Use with adequate ventilation.

SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Respiratory Protection: None required
Ventilation
Local Exhaust
Mechanical
Protective Gloves: Gloves to prevent skin exposure as rubber or vinyl
Eye Protection: Splash Goggles
Other Protective Equipment: Wear appropriate clothing to prevent skin exposure

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

| | | | |
|----------------------|--|-----------------------------|---------------------------|
| Melting Point: | ~0° C | Percent Volatile by Volume: | 97% |
| Boiling Point: | ~100° C | Evaporation Rate | Information not available |
| Vapor Pressure: | not available | Evaporation Standard | |
| Vapor Density: | not available | Auto Ignition Temp | Not applicable |
| Solubility in Water: | Soluble | Lower Flamm. Limit in Air | Not applicable |
| Appearance /Odors: | Clear water white/ slight acetic acid smell. | Upper Flamm. Limit in Air | Not applicable |
| Flash Point: | Not Flammable | | |
| Specific Gravity: | ~1 | | |

SECTION 10 STABILITY AND REACTIVITY INFORMATION

Stability: Stable
Conditions to Avoid: Heat
Materials to Avoid: Heat, Strong Oxidants,
Hazardous Decomposition Products: Toxic fumes of zinc oxide, Carbon Oxides.
Hazardous polymerization: Not known to occur.

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Conditions to Avoid: None known

SECTION 11 Toxicological Information

SECTION 12 Ecological Information

SECTION 13 Disposal Considerations

SECTION 14 Transport Information

DOT Classification: Not Regulated

DOT Regulations may change from time to time. Please consult the most recent D.O.T. regulations.

SECTION 15 Regulatory Information

SECTION 16 Additional Information

Conditions aggravated/target organs: Persons with preexisting eye, skin, liver or kidney disorders will be more susceptible. Irritation of the alimentary tract with pain, emesis may occur upon ingestion. Prolonged Skin contact may cause dermatitis.

Flammability

Health

Reactivity

Revisions

NFPA

0.1

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