

Material Safety Data Sheet

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24 Hour Emergency Assistance

| Section 1 Identification | | | |
|--------------------------|---|---|---|
| Product Number: | A8900 | | |
| Product Name: | Ascorbic Acid (Vitamin C) Laboratory Grade, Crystal | Health: | 1 |
| | | Flammability | 1 |
| | | Reactivity | 0 |
| | | Hazard Rating: | |
| Trade/Chemical Synonyms | | Least Slight Moderate High Extreme 0 1 2 3 4 | |
| Formula: | C-H ⁺ O ⁻ | NA = Not Applicable NE = Not Established | |
| RTECS: | CI7650000 | | |
| C.A.S | CAS# 50-81-7 | | |

| Section 2 Component Mixture | | | | | |
|-----------------------------|---------------------------|--------------|------|-----|------------------|
| Sara 313 | Component | CAS Number | % | Dim | Exposure Limits: |
| <input type="checkbox"/> | Ascorbic Acid (Vitamin C) | CAS# 50-81-7 | 100% | W/W | None Established |

Section 3 Hazard Identification (Also see section 11)

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 4 First Aid Measures

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: If swallowed, induce vomiting immediately after giving two glasses of water. Never give anything by mouth to an unconscious person.

Section 5 Fire Fighting Measures

Fire Extinguisher Type: Any means suitable for extinguishing surrounding fire

Fire/Explosion Hazards: Fire is possible at elevated temperature or by contact with an ignition source. Not considered to be an explosion hazard.

Fire Fighting Procedure: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and clothing.

Section 6 Accidental Release Measures

Wear Protective equipment. Sweep up, place in a bag and hold for waste disposal.

Section 7 Handling and Storage

Store in a cool dry place. Do not get in eyes, on skin, on clothing. Wash thoroughly after handling

Section 8 Exposure Controls & Personal Protection

Respiratory Protection: NIOSH/MSHA-approved respirator

Mechanical: Hand Protection: NIOSH Approved Gloves

Ventilation: Local Exhaust: Eye Protection: Eye Glasses

Other Protective Equipment: Wear appropriate clothing to prevent skin exposure

Section 9 Physical and Chemical Properties

| | | | |
|----------------------|---------------------------|-----------------------------|---------------------------|
| Melting Point: | 192°C | Specific Gravity | 1.65 |
| Boiling Point: | information not available | Percent Volatile by Volume: | information not available |
| Vapor Pressure: | N/E | Evaporation Rate: | N/A |
| Vapor Density: | information not available | Evaporation Standard: | |
| Solubility in Water: | Soluble | Auto ignition Temperature: | N/A |
| Appearance and Odor: | Odorless white crystals | Lower Flamm. Limit in Air: | N/A |
| Flash Point: | +210°f | Upper Flamm. Limit in Air: | N/A |

Section 10 Stability and Reactivity Information

| | | | | | | |
|---|---|---------------|--------------|------|----------|-----|
| | Stability: Stable Conditions to Avoid: None known Materials to Avoid: Strong oxidizers, alkalies, iron, copper, sodium nitrate Hazardous Decomposition Products: Acrid smoke and fumes Hazardous Polymerization: Will Not Occur Condition to Avoid: None known | | | | | |
| | Section 11 Additional Information | | | | | |
| | Conditions aggravated/target organs: Persons with preexisting skin, eye or respiratory disorders may be more susceptible. Acute: Slight irritation to skin, eyes, respiratory system. Large quantities may irritate stomach. Chronic: None known. | | | | | |
| | DOT Classification: Not Regulated | | | | | |
| | DOT regulations may change from time to time. Please consult the most recent version of the relevant regulations. | | | | | |
| <table border="0"> <tr> <td>Revision</td> <td>Date Entered:</td> <td>Approved by:</td> </tr> <tr> <td>No:1</td> <td>1/1/2003</td> <td>WPF</td> </tr> </table> | Revision | Date Entered: | Approved by: | No:1 | 1/1/2003 | WPF |
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