SAFETY DATA SHEET: SODIUM ASCORBATE

1. IDENTIFICATION

Product Name: SODIUM ASCORBATE
Synonyms: Vitamin C sodium; Sodium L-ascorbate
Formula and Formula Weight: NaC6H7O6 198.11
Integra numbers beginning with: S228.31; S228.32; S228.50
Recommended Use: Commercial/industrial use
Restrictions on Use: No information available

INTEGRA Chemical Company
24 Hour Emergency Response: CHEMTREC 800-424-9300 (Outside USA 703-527-3887)
1216 6th Ave N
Kent WA  98032
Phone: 253-479-7000

2. HAZARDS IDENTIFICATION

OSHA Classification: None identified
Hazard Category: Not applicable
Hazard Statement: None identified

3. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Component</th>
<th>Synonyms</th>
<th>CAS #</th>
<th>% Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium ascorbate</td>
<td>Vitamin C sodium; Sodium L-ascorbate</td>
<td>00134-03-2</td>
<td>100</td>
</tr>
</tbody>
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4. FIRST AID MEASURES

Inhalation: Remove person to fresh air.
Eye Contact: Flush eyes with plenty of water. If irritation persists, seek medical attention.
Skin Contact: Wash with soap and water. Seek medical attention if irritation develops.
Ingestion: Do not induce vomiting. Rinse mouth. If adverse symptoms develop, seek medical attention.
Additional notes: Dusts may be irritating if inhaled or in eyes.

5. FIRE-FIGHTING MEASURES

Extinguishing Media: Water spray, carbon dioxide, dry chemical or foam.
Special Equipment and Precautions: Use water to cool nearby containers and structures. Wear full protective equipment, including suitable respiratory protection.
Specific Hazards: None identified
Hazardous combustion products: Oxides of carbon, Oxides of sodium.

6. ACCIDENTAL RELEASE MEASURES

Spill Procedures: Prevent spread of spill. Wear suitable protective equipment. Sweep or scoop into clean, dry disposal container in a manner that does not generate dusts. Flush spill area with water.

7. HANDLING AND STORAGE

Incompatible Materials: Incompatible with strong bases and strong oxidizers.
Storage and Handling: Store in a cool, dry, well-ventilated area away from incompatible materials. Keep containers tightly closed and protect them from physical damage. Protect from exposure to light and air.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

OSHA & ACGIH Exposure Limits:
- Sodium Ascorbate: None identified

Engineering Controls: Use adequate general or local exhaust ventilation to keep fume and/or dust levels as low as possible.
Respiratory Protection: If use generates annoying or irritating dusts, mists or vapors, use a NIOSH approved respirator with a particulate filter.
Skin/Eye Protective Equipment: Safety glasses.
Facilities storing or utilizing this material should have readily accessible eyewash stations and safety showers. Select respirators and other safety equipment in accordance with regulations and based upon the particular conditions of use and risk of exposure. Always use safe chemical-handling and good industrial hygiene practices.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Fine white crystals
Odor: No odor
Odor Threshold: Not available
pH: 7.4 - 7.7 for a 10% aqueous solution
Melting/Freezing Point: Not available
Initial Boiling Point and Boiling Range: Not available
Flash Point: Not available
Evaporation Rate: Not available
Flammability: Not available
Flammable or Explosive: Upper: Not available
  Limits (% by volume in air): Lower: Not available
Vapor Pressure: Not available
Vapor Density: Not available
Relative Density: Not available
Solubility: Freely soluble in water
Partition Coefficient: n-octanol/water: Not available
Auto-Ignition Temperature: Not available
Decomposition Temperature: 218
Viscosity: Not available

10. STABILITY AND REACTIVITY
Reactivity: No information available
Stability: Stable
Possibility of Hazardous Reactions: Hazardous polymerization will not occur
Conditions to Avoid: Exposure to light, air, moisture and high temperatures.
Incompatibles: Incompatible with strong bases and strong oxidizers.

11. TOXICOLOGICAL INFORMATION
Effects of Over Exposure:
Inhalation: As with most nuisance dusts, inhalation of large quantities, or prolonged inhalation, may irritate the respiratory system.
Skin Contact: No harmful effects expected
Eye Contact: Dusts may cause some eye irritation.
Ingestion: Ingestion of small amounts is not likely to produce harmful effects.
Chronic Effects: None identified
Target Organs: None identified
Additional Effects: None identified
Reproductive Effects: None identified
Carcinogenicity: None identified
Toxicity Data:
Sodium Ascorbate No information available.

12. ECOLOGICAL INFORMATION
Aquatic Toxicity Data: No information available
Terrestrial Toxicity Data: No information available
Sodium Ascorbate Persistence and degradability: No information available
Bioaccumulative potential: No information available
Mobility in soil: No information available
Other adverse effects: No information available

13. DISPOSAL CONSIDERATIONS
Disposal Procedures: Dispose of material and containers in accordance with all local, state and federal regulations.

14. TRANSPORTATION INFORMATION
This product is not a regulated material for domestic ground transporation.
  Environmental hazards: No information available
  Special precautions: No information available
  Bulk transport: No information available

15. REGULATORY INFORMATION
Sodium Ascorbate is listed in the TSCA inventory.

16. OTHER INFORMATION
OSHA SDS #: 26348 rev 101 3/27/2015

NE = Not established, NA = Not applicable or Not available
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***** END OF SDS *****