

Material Safety Data Sheet

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BRENNTAG

1. Product and Company Identification

Product Identity: Sodium Erythorbate FCC V Powder & Granular Chemical Formula: C6-H7-O6.Na.H2O Molecular Weight: 216.12		Technical Information: 270-830-1200 Emergency Number: 800-424-9300 (CHEMTREC) Emergency Number: 703-5273887 (International)	
Synonyms: : D-Erythro-hex-2-enonic acid, gamma-lactones, monosodium salt; Sodium erythorbate; Sodium isoascorbate			
Company: DISTRIBUTED BY BRENNTAG			
Brenntag Great Lakes, LLC. 4420 N. Harley Davidson Ave. Wauwatosa, WI 53225	Brenntag Mid-South, Inc. 1405 Hwy 136 W Henderson, KY 42420	Brenntag Northeast, Inc. 81 West Hullett Lane Reading, PA 19605	Brenntag Specialties, Inc. 1000 Coolidge Street South Plainfield, NJ 07080
Brenntag Southeast, Inc. 2000 East Pettigrew Street Durham, NC 27703	Brenntag Southwest, Inc. 610 Fisher Road Longview, TX 75604	Brenntag Pacific, Inc. 10747 Patterson Place Santa Fe Springs, CA 90670	Coastal Chemical Co., LLC PO Box 820 Abbeville, LA 70511

2. Hazards Identification

Emergency Overview

CAUTION!

DUST CAN BE IGNITED
MAY CAUSE IRRITATION TO SKIN, EYES, DIGESTIVE AND RESPIRATORY SYSTEMS
AVOID CONTACT WITH SKIN AND EYES
AVOID CONTACT WITH DUST
DO NOT INGEST

Potential Health Effects

Inhalation: May cause irritation to the respiratory tract. Symptoms may include coughing and sneezing.

Ingestion: May cause irritation to the gastrointestinal tract. Symptoms may include nausea, vomiting and diarrhea..

Skin Contact: May cause irritation. Symptoms may include redness, itching and pain.

Eye Contact: May cause irritation, redness, and pain.

Chronic Exposure: No information found.

Aggravation of Pre-existing Conditions: No information found.

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3. Composition/Information on Ingredients

6381-77-7	Sodium Erythorbate	100.0% min.
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4. First Aid Measures

Inhalation: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

Ingestion: Give 2-4 cupfuls of milk or water to drink. Wash mouth out with water. Consult physician if necessary.

Skin Contact: Immediately flush skin with plenty of soap and water for at least 15 minutes. Remove contaminated clothing and shoes. Get medical attention. Wash clothing before reuse. Thoroughly clean shoes before reuse.

Eye Contact: Immediately flush eyes with plenty of water for at least 15 minutes, lifting lower and upper eyelids occasionally. Get medical attention immediately.

5. Fire Fighting Measures

Fire: Not considered a fire hazard.

Explosion: Not considered to be an explosion hazard.

Fire Extinguishing Media: Use suitable extinguishing media.

Special Information: In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full facepiece operated in the pressure demand or other positive pressure mode.

6. Accidental Release Measures

Ventilate area of leak or spill. Wear appropriate personal protective equipment. Spills: Sweep up and containerize for reclamation or disposal. Vacuuming or wet sweeping may be used to avoid dust dispersal. US Regulations (CERCLA) require reporting spills and releases to soil, water and air in excess of reportable quantities. The toll free number for the US Coast Guard National Response Center is (800) 424-8802.

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7. Handling and Storage

Keep dust/air mixtures away from ignition sources. Wash thoroughly after handling. Do not transfer to unmarked container. Keep container closed when not in use. Loosen closure carefully. Empty containers may contain hazardous product residues.

DO NOT SHIP OR STORE WITH POISONS OR ARTICLES HAVING AN ODOR. This product might be used in foods, feeds, drugs, or their containers. DO NOT CONTAMINATE.

Avoid direct or prolonged contact with skin and eyes. Avoid breathing dusts. Dry powders can build static electricity charges when subjected to the friction of conveying, mixing or sliding. Provide adequate precautions, such as electrical grounding, or inert atmospheres when material is used in the presence of flammable materials to prevent ignition

8. Exposure Controls/Personal Protection

Airborne Exposure Limits:

OSHA Permissible Exposure Limit (PEL): None Found

OSHA PEL for Particles not otherwise regulated (PNOR):

Total Dust:	15 mg/m ³
Respirable Fraction:	5 mg/m ³

Ventilation System: A system of local and/or general exhaust is recommended to keep employee exposures below the Airborne Exposure Limits. Local exhaust ventilation is generally preferred because it can control the emissions of the contaminant at its source, preventing dispersion of it into the general work area. Please refer to the ACGIH document, *Industrial Ventilation, a Manual of Recommended Practices*, most recent edition, for details. **Personal Respirators (NIOSH Approved):** If the exposure limit is exceeded and engineering controls are not feasible, a half facepiece particulate respirator (NIOSH type N95 or better filters) may be worn for up to ten times the exposure limit or the maximum use Concentration specified by the appropriate regulatory agency or respirator supplier, whichever is lowest. A full-face piece particulate respirator (NIOSH type N95 filters) may be worn up to 50 times the exposure limit, or the maximum use concentration specified by the appropriate regulatory agency, or respirator supplier, whichever is lowest. If oil particles (e.g. lubricants, cutting fluids, glycerine, etc.) are present, use a NIOSH type R or P filter. For emergencies or instances where the exposure levels are not known, use a full-facepiece positive-pressure, air-supplied respirator. **WARNING:** Air-purifying respirators do not protect workers in oxygen-deficient atmospheres.

Skin Protection: Wear Use Impervious gloves, clothing, boots, and equipment to prevent contact with this material.

Eye Protection: Use chemical safety goggles and/or full face shield where dusting or splashing of solutions is possible. Maintain eye wash fountain and quick-drench facilities in work area.

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9. Physical and Chemical Properties

Appearance: Off-white to white.

Odor: Odorless

Physical State: Solid

Solubility: ≥ 100 mg/mL @ 18 C.

Specific Gravity: 1.2

PH: No information found

% Volatiles by volume @ 21C (70F): No data

Boiling Point: N/A

Melting Point: No data

Vapor Density (Air=1): N/A

Vapor Pressure (mm Hg): N/A

VOC Content: N/A

POUR POINT: N/A

Viscosity: N/A

10. Stability and Reactivity

Chemical Stability: Stable under ordinary conditions of use and storage.

Conditions to Avoid: Sunlight, Air, Moisture, and Incompatibles

Incompatible Materials: Strong Oxidizers.

Hazardous Decomposition Products: Carbon Dioxide, Carbon Monoxide.

Polymerization: Will not occur.

11. Toxicological Information

Acute Toxicity:

Route/Organism Dose	Effect	Reference
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Route/Organism	Dose	Effect
oral rat	LD50: >5gm/kg	GASTROINTESTINAL: Hypermotility, diarrhea;

Reference
*International Journal of
Toxicology. (Taylor & Francis, 47
Runway Rd., Suite g, Levittown,
PA 19057) V.16- 1997- 18(Suppl
3),1,1999*

Skin & Eye:

Route/Organism	Dose	Effect
administration into the eye (irritant) rabbit	100mg	mild irritant effect

Reference
*International Journal of
Toxicology. (Taylor & Francis, 47
Runway Rd., Suite g, Levittown,
PA 19057) V.16- 1997- 18(Suppl
3),1,1999*

Multiple Exposures:

Route/Organism	Dose	Effect
oral mouse	TDLo: 350mL/kg/10W-C	LIVER: Other changes; KIDNEY, URETER, AND BLADDER: Changes in tubules (including acute renal failure, acute tubular necrosis); BLOOD: Changes in spleen;

Reference
*International Journal of
Toxicology. (Taylor & Francis, 47
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Eye Contact: May cause irritation, redness, and pain.

Chronic Exposure: No information found.

Aggravation of Pre-existing Conditions: No information found.

12. Ecological Information

Environmental Fate: No information found

Environmental Toxicity: No information found.

13. Disposal Considerations

Whatever cannot be saved for recovery or recycling should be managed in an appropriate and approved waste disposal facility. Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations. Dispose of container and unused contents in accordance with federal, state and local requirements.

14. Transport Information

US DOT (ground)

Proper Shipping Name: Not regulated for Transportation

Hazard Class:

UN/NA:

Packing Group:

Marine Pollutant:

RQ Amount:

IMDG (water)

Proper Shipping Name: Not regulated for Transportation according to IMDG

Hazard Class:

UN/NA:

Packing Group:

Marine Pollutant:

RQ Amount:

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15. Regulatory Information

Name	CAS	TSCA	SARA 302	SARA 304	SARA 313	CERCLA
Sodium Erythorbate	6381-77-77	YES	NO	NO	No	No

State of California: Not Listed

16. Other Information

This MSDS is provided as an information resource only. It should not be taken as a warranty or representation for which Brenntag assumes legal liability. While Brenntag believes the information contained herein is accurate and compiled from sources believed to be reliable, it is the responsibility of the user to investigate and verify its identity. The buyer assumes all responsibility for using and handling the product in accordance with applicable international, federal, state, and local regulations.

Distributed by Brenntag

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