

# SILVER FERN CHEMICAL



## Safety Data Sheet

### Sodium Erythorbate

#### SECTION 1: IDENTIFICATION

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**Product Name:** Sodium Erythorbate

**CAS Number:** 6381-77-7

**Chemical Name:** Sodium erythorbate

**Synonyms:** Sodium Isoascorbate; Sodium Salt; Monosodium Salt; D-; Arboascorbic Salt; Isoascorbate Acid; D-erythro-Hex-2-enonic acid; gamma- lactone; monosodium salt; erythorbic acid Monosodium Salt; Hex-2-enonic acid; gamma-lactone; monosodium salt; Monosodium erythorbate; neo-cebitate; Sodium D-arboascorbate; Sodium D-isoascorbate

**Uses:** N/A

**Company**

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**24 Hour Emergency Contact**

Infotrac 800-535-5053  
Outside USA & Canada 352-323-3500

#### SECTION 2: HAZARD IDENTIFICATION

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**Hazard Statements:**

Not a hazardous substance or mixture.

**Precautionary Statements:**

Not a hazardous substance or mixture.

**GHS label elements:**

Not a hazardous substance or mixture.

#### SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

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CAS #	Content (W/W)	Ingredients
6381-77-7	100%	Sodium Erythorbate



## SECTION 4: FIRST AID MEASURES

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**If inhaled:** Allow the victim to rest in a well ventilated area. Seek immediate medical attention.

**In case of skin contact:** After contact with skin, wash immediately with plenty of water. Gently and thoroughly wash the contaminated skin with running water and non-abrasive soap. Be particularly careful to clean folds, crevices, creases and groin. Cover the irritated skin with an emollient. If irritation persists, seek medical attention. Wash contaminated clothing before reusing. Wash with a disinfectant soap and cover the contaminated skin with an anti-bacterial cream. Seek medical attention

**In case of eye contact:** Check for and remove any contact lenses. Do not use an eye ointment. Seek medical attention

**If swallowed:** Do not induce vomiting. Loosen tight clothing such as a collar, tie, belt or waistband. If the victim is not breathing, perform mouth-to-mouth resuscitation. Seek immediate medical attention.

## SECTION 5: FIRE FIGHTING MEASURES

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**Flash Point:** N/A

**Lower/Upper explosion limit:** no data available

**Suitable extinguishing media:** Use DRY chemical powder. Use water spray, fog or foam. Do not use water jet.

**Special hazards arising from the substance or mixture:** Emits toxic fumes under fire conditions. Material has the potential to ignite or explode under fire conditions.

**Advice for firefighters:** Wear self - contained breathing apparatus with full facepiece operated in pressure-demand or positive- pressure mode.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

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**Containment:** Eliminate all ignition sources. Ventilate area.

**Clean-up Procedures:** Sweep up, place in container for disposal, avoid creating dust. For large spills dike far ahead of spill for later disposal. Do not release into the environment.

**Evacuation Procedures:** no data available.

## SECTION 7: HANDLING AND STORAGE

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**Handling:** Avoid prolonged or repeated exposure. Wash thoroughly after handling.

**Storage:** Store in a cool and dry place. Keep tightly closed.

## SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

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### Personal Protective Equipment (PPE)

**Respiratory protection:** Dust respirator. A self contained breathing apparatus should be used to avoid inhalation of the product.

**Hand protection:** Chemical gloves.

**Eye protection:** Splash goggles.

**Body protection:** Lab coat and a full body suite in case of a spill. Boots.

**General safety and hygiene measures:** Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit. Make wash eye- wash stations and showers available in the work space.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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Appearance	Form: Solid. Color: White crystalline powder.
Odor	Odorless
Odor Threshold	no data available
pH	( 10% soln.): 5- 8
Melting point/freezing Point	165°C
Initial boiling point and boiling range	N/A
Flash point	N/A
Evaporation rate	no data available
Flammability (solid, gas)	Non-flammable
Upper/lower flammability or explosive limits	no data available
Vapor pressure	N/A
Vapor density	N/A
Water solubility	15.3g/100ml water ( 25°C )
Formula Weight:	198.11

## SECTION 10: STABILITY AND REACTIVITY

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**Conditions to avoid:** Stable at room temperature under normal storage conditions in closed container.

**Substances to avoid:** Strong oxidizing agents, strong bases, chemically active metals, aluminium, zinc, magnesium, copper

**Hazardous reactions:** Hazardous polymerization will not occur

**Decomposition products:** Thermal oxidative decomposition of Sodium Erythorbate can produce toxic fumes of carbon monoxide and carbon dioxide.

## SECTION 11: TOXICOLOGICAL INFORMATION

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**Acute toxicity:**  
LD50/ LC50  
Oral, rat: LD50= >5gm/kg

**Skin corrosion/irritation:**  
Hazardous in case of skin contact ( irritant), of ingestion, of inhalation ( for humans)

**Serious eye damage/eye irritation:**  
Draize test, rabbit, eye: 100mg mild

**Respiratory or skin sensitization :** no data available

**Germ cell mutagenicity:** no data available

**Carcinogenicity:** no data available

**Reproductive toxicity:** no data available

## SECTION 12: ECOLOGICAL INFORMATION

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**Ecotoxicity:** no data available

**Products of Biodegradation:** Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise. Products of degradation are more toxic.

**Bioaccumulative Potential:** no data available

## SECTION 13: DISPOSAL CONSIDERATIONS

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**Waste disposal of substance:** Follow Federal, state and local regulations. Do not release product into the environment or let it enter water ways.

**Container disposal:** no data available

## SECTION 14: TRANSPORT INFORMATION

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**DOT:**  
Not regulated

**IATA:**  
Not regulated

**IMDG:**  
Not regulated

*This information is not intended to convey all specific regulatory or operational requirements/information relating to this product. It is the responsibility of the transporting organization to follow all applicable laws, regulations and rules relating to the transportation of the material.*

## SECTION 15: REGULATORY INFORMATION

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**TSCA:**  
CAS# 6381-77-7 is not listed on the TSCA inventory

**SARA Section 302:**  
None of the chemicals in this product have a TPQ.

**Clean Air Act:**  
This material does not contain any hazardous air pollutants.

**Clean Water Act:**  
None of the chemicals in this product are listed as hazardous substances under the CWA

**OSHA:**

None of the chemicals in this product are considered highly hazardous by OSHA

**California Prop 65:**

No significant risk level: None of the chemicals in this product are listed

**SECTION 16: OTHER INFORMATION**

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**DISCLAIMER OF RESPONSIBILITY**

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