

AERCHEM INC.
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Telephone: 812.334.9996

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Emergency: 800.424.9300

SECTION 1: IDENTIFICATION

Effective Date: 12/18/96
Product Name: Erythorbic Acid
Common Name: none

Chemical Formula: C₆H₈O₆
CAS No.: 89-65-6

SECTION 2: HAZARDOUS INGREDIENTS:

Data not available
Slightly dangerous to dangerous in case of skin contact (irritant), of eye contact (irritant), of ingestion, of inhalation

SECTION 3: PHYSICAL DATA

Physical Data:

Appearance and Odor:	solid powder
Boiling point:(760 mm Hg)	decomposes
Vapor Pressure (mmHg):	not available
Specific Gravity (Water=1):	not available
Solubility in water:(by weight)	soluble in cold water
Melting Point:	170 C (338 F)
Volatility:	not available
Vapor Density:	not available

SECTION 4: FIRE AND EXPLOSION DATA

Fire and Explosion Information:

Flash point:	not available
Flammable limit:	not available
Extinguishing Media:	Use dry chemicals, CO ₂ , water spray or foam on small fires. Use water spray, fog or foam on large fires. Do not use water jet.
Unusual Fire and Explosion Hazards:	not available

SECTION 5: REACTIVITY DATA

Reactivity Data:

Stable X Unstable

Conditions to Avoid: no information available
Incompatibilities: no information available
Hazardous Decomposition or byproducts: No
Hazardous Polymerization: No

SECTION 6: HEALTH HAZARD DATA

Permissible Exposure Limit: not available
Toxicity:
Oral LD50 (rat): not available

SECTION 7: SPILLAGE AND DISPOSAL PROCEDURES

First Aid: **Eyes:** Check for and remove any contact lenses. Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Cold water may be used. Do not use an eye ointment. Seek medical attention.

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Skin: If chemical got onto clothed portion of body, remove the contaminated clothes as quickly as possible, protecting your own hands and body. Place the victim under a deluge shower. If chemical touches the victim's exposed skin, such as the hands: Gently and thoroughly wash the contaminated skin with running water and non-abrasive soap. Be particularly careful to clean crevices, creases and groin. Cold water may be used. Cover irritated skin with an emollient. If irritation persists, seek medical attention. Wash contaminated clothing before reusing.

Inhalation: Allow victim to rest in a well ventilated area.

Ingestion: Remove dentures, if any. Have conscious person drink several glasses of water or milk. Induce vomiting by sticking finger in throat. Lower the head so that the vomit will not reenter the mouth and throat. never give an unconscious person anything to ingest. Seek medical attention.

Spillage: **SMALL SPILL:** use appropriate tools to put the spilled solid in a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements. **LARGE SPILL:** shovel to put material into a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system.

Disposal: Recycle to process, if possible. Consult your local or regional authorities.

SECTION 8: PRECAUTION TO BE TAKEN IN HANDLING AND STORING

Precautions: Keep away from heat. Keep away from sources of ignition. Empty container pose a fire risk, evaporate the residue under a fume hood. Ground all equipment containing material. Do not breathe dust. In case of insufficient ventilation, wear suitable respiratory equipment. If you feel unwell, seek medical attention and show the label when possible. Avoid contact with skin and eyes.

Storage: Keep container dry and in cool place. Ground all equipment containing material. Keep container tightly closed. Keep in a cool, well-ventilated place. Combustible materials should be stored away from extreme heat and away from strong oxidizing agents.

SECTION 9: SPECIAL PROTECTION INFORMATION

Ventilation: 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.

Eye Protection: splash goggles

Protective Gloves: impervious

Respiratory Protection: dust respirator, be sure to use MSHA/NIOSH approved respirator or equivalent
