

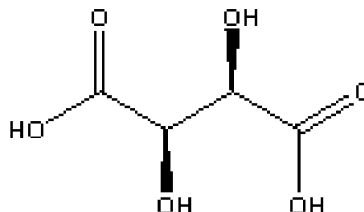
AERCHEM INC.
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Effective Date: November 13, 1996
Product Name: Tartaric Acid
Chemical Formula: HOOC(COH)₂COOH
CAS No.: 87-69-4



Hazardous Ingredients: N/A

Physical Data:

Melting point (range) Approx.:	168-170°C
Boiling point:	N/A (solid)
Solubility in water:	Freely soluble in water
Odor:	Odorless
Physical form:	White, crystalline powder; acid taste.
Specific gravity at 20°C:	1.76

Fire and Explosion Information:

Flash point:	410°F
(Auto) Ignition temperature:	797°F
Extinguishing media to be recommended:	Water, CO ₂ , foam
Flammable limits:	Not established
Special fire fighting procedures:	None

Reactivity Data: Stable **X** **Unstable**

Hazardous Decomposition: Not established

Hazardous Polymerization: Will not occur.

Incompatibilities: Violent reaction possible with Ag.

Handling and Storage Information: Store in tight closed containers. Avoid breathing dust.

Leak/Spill Information: Recover without dusting up. Use a vacuum, sweep or shovel.

Disposal Information: Water flush to drain.

Other Precautions: Aqueous solution of tartaric acid can liberate explosive H₂ gas if contact with reactive metals (Fe, Zn, Al)

Health Hazard Information:

A. Exposure/Health Effects

Has little or no systemic toxicity. Accepted for food ingredient.

Inhalation: May irritate.

Skin Contact: May irritate.

Eye contact: May irritate.

Aggravation of pre-existing conditions: Not established.

B. First Aid:

Skin Contact: Flush skin with water.

Eye Contact: Flush with plenty of water; get medical aid.

C. Toxicity Data: Has little or no systemic toxicity; accepted food ingredient.

Occupational Control Measures:

Ventilation Systems: Dust exhaust system at point of use

Personal Respirators: Approved dust mask.

Skin Protection: Standard rubber or plastic gloves.

Eye Protection: Safety goggles.

Transportation: Not DOT Regulated
