

AERCHEM INC.
320 North Walnut
Bloomington, IN 47408

Tel: 812.334.9996 Fax: 812.334.1960 Emergency: 800.424.9300

SECTION

1: IDENTIFICATION

Effective Date: 9/26/97
Product Name: TAURINE; 2-AMINOETHANESULFONIC ACID
Molecular Formula: NH₂CH₂CH₂SO₃H
CAS No.: 107-35-7

SECTION

2: HAZARDOUS INGREDIENTS:

Very dangerous in case of skin & eye contact (irritant), of ingestion. Slightly dangerous to dangerous in case of skin contact (corrosive). Corrosive to eyes and skin. May irritate eyes and skin upon contact. Inflammation of eye is characterized by redness, watering, and itching. Skin inflammation is characterized by itching, scaling, reddening, or, occasionally, blistering. Substance is toxic to lungs and mucous membranes.

SECTION

3: PHYSICAL DATA

Appearance:	Solid needles, colorless
Melting point.:	decomposes
Boiling point:	n/a
Decomposition temperature:	see melting point
pH (depends on quality):	n/a
Solubility in water:	soluble in cold water
Specific gravity (water = 1):	n/a
Vapor density	n/a
Vapor pressure:	n/a

SECTION 4: FIRE AND EXPLOSION DATA

Flash point:	n/a
Flammable limit:	n/a
Flammability:	combustible
Extinguishing media:	dry chemicals, carbon dioxide, water spray, fog or foam
Fire fighting procedures:	n/a
Unusual fire and explosions hazards:	no specific info available

SECTION 5: REACTIVITY DATA

Stable X Unstable

Decomposition/combustion products:	carbon oxides, nitrogen oxides, sulfur oxides
Incompatibilities/Condition to Avoid:	n/a
Hazardous Polymerization:	no

SECTION 6: HEALTH HAZARD DATA

Toxicity:	n/a
Permissible Exposure limits:	n/a
TWA:	n/a
TLV:	n/a

SECTION 7: SPILLAGE AND DISPOSAL PROCEDURES

Spillage: 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.

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

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SECTION 8: FIRST AID PROCEDURES

Eye Contact: Check for and remove any contact lenses. 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.

Skin Contact: If chemical got onto clothed portion of body, remove contaminated clothing, protecting hands and body. Place victim under deluge shower. If chemical touches exposed skin, gently wash with running water and non-abrasive soap. Be careful to clean folds, crevices, creases and groin. Cold water may be used. Cover irritated skin with an emollient. Seek medical attention if irritation persists.

Inhalation: Allow victim to rest in well ventilated area. Seek medical attention.

Ingestion: Remove any dentures. Have conscious person drink several glasses of water or milk. Induce vomiting by sticking finger in throat. Lower head so vomit won't reenter mouth and throat. Never give an unconscious person anything to ingest. Seek medical attention.

SECTION 9: HANDLING AND STORAGE INFORMATION:

Keep away from heat, sources of ignition, and strong oxidizing agents. Ground all equipment containing material. Keep container dry, tightly closed, and in a cool, well-ventilated place. Do not ingest or breath dust. Avoid contact with skin and eyes. If ingested, seek medical advice, showing label if possible.

SECTION 10: SPECIAL PROTECTION INFORMATION:

Ventilation: Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits.

Skin Protection: impervious gloves

Eye Protection: splash goggles

Respiratory Protection: dust respirator (MSHA/NIOSH approved)

Other: lab coat; full suit, SCBA, and boots in case of large spill

SECTION 11: TRANSPORT INFORMATION

DOT Classification: not controlled