

AERCHEM INC.
320 North Walnut
Bloomington, IN 47404

Telephone: 812.334.9996

Fax: 812.334.1960

Emergency: 800.424.9300

SECTION 1: IDENTIFICATION

Product Name: Calcium Citrate Tetrahydrate
Chemical Name: Citric Acid, Calcium Salt
Classification: Organic Acid Calcium Salt
CAS No.: 5785-44-4

SECTION 2: HAZARDOUS INGREDIENTS:

none - slightly dangerous to dangerous in case of skin contact (irritant), of eye contact (irritant), of ingestion, of inhalation. Very slightly to slightly dangerous in case of skin contact (permeator).

SECTION 3: PHYSICAL DATA

Physical Data:

Appearance and Odor:	solid
Boiling point:	n/a
Vapor Pressure (mmHg):	n/a
Specific Gravity (Water=1):	n/a
Solubility in water:	n/a
Melting Point:	decomposes (100 C of 212 F)
Volatility:	n/a
Vapor Density:	n/a

SECTION 4: FIRE AND EXPLOSION DATA

Fire and Explosion Information:

Flash point:	NA
Extinguishing Media:	H2O fog, foam, carbon dioxide, dry chemical
Unusual Fire and Explosion Hazards:	Use self contained breathing apparatus.

SECTION 5: REACTIVITY DATA

Reactivity Data:

Stable Unstable

Conditions to Avoid:

Avoid contact with strong acids.

Hazardous Polymerization:

None

SECTION 6: HEALTH HAZARD DATA

Threshold Limit Value (TLV):

Permissible Exposure Limit:

Toxicity:

Oral LD50 (rat): n/a
NTP: n/a
IARC Monographs: n/a

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SECTION 7: SPILLAGE AND DISPOSAL PROCEDURES

First Aid: **eye:** Check for and remove any contact lenses. Do not use eye ointment. Seek medical attention.

skin: If onto clothes, remove clothing. Place victim under deluge shower. If touches exposed skin, gently wash with running water and non-abrasive soap. Cover irritated skin with emollient.

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

ingestion Remove any dentures. Have victim drink several glasses of water or milk. Induce vomiting. Seek medical attention.

Spillage: Use appropriate tools to put spilled solid in convenient waste disposal container. Spread water on surface and dispose of according to local and regional authority requirements.

SECTION 8: PRECAUTION TO BE TAKEN IN HANDLING AND STORING

Other Precautions: Keep away from heat, sources of ignition, and strong oxidizing agents. Keep container dry and in cool place and tightly closed. Ground all equipment containing material. Do not ingest or breathe dust. Avoid contact with skin and eyes.

SECTION 9: SPECIAL PROTECTION INFORMATION

Ventilation: Use process enclosure, local exhaust ventilation, engineering controls.

Eye Protection: Splash goggles

Protective Gloves: impervious

Respiratory Protection: dust respirator
