

**SAFETY DATA SHEET
FOR
THORN SMITH LABORATORIES**

SECTION 1 - IDENTIFICATION

Trade Name: **Calcium Carbonate**
Catalog Number: 81-1020
Product Description: Student Reference Standards and Reagent Chemicals
Manufacturer: Auric Enterprises, Inc.
d/b/a Thorn Smith Laboratories
Address: 7755 Narrow Gauge Road
Beulah, MI 49617
Phone Number: 231-882-4672
SDS Number: TSL-106

SECTION 2 – HAZARDS IDENTIFICATION

Classification of Substance or Mixture: Not a hazardous substance or mixture as packaged in 100g or 500g containers.

GHS Label Elements, including precautionary statements: Not a hazardous substance or mixture as packaged in 100g or 500g containers.

Hazards not otherwise classified (HNOC) or not covered by GHS: None

Potential Acute Health Effects:

Caution! May cause irritation to Eyes, Skin, and Respiratory Tract – Nuisance Dust.

Potential Chronic Health Effects:

Excessive doses of Calcium Carbonate may produce Alkalosis and Hypocalcaemia.

SECTION 3 – COMPOSITION AND INFORMATION ON INGREDIENTS

Calcium Carbonate
Formula: CaCO_3
CAS No.: 471-34-1
Common Names: Calcium Carbonate; Chalk; Marble; Limestone
Purity: 99% or higher

SECTION 4 – FIRST AID MEASURES

Eye Contact: Do not rub eye(s); check for and remove contact lenses. Flush with plenty of water for at least 15 minutes, lifting upper and lower eyelids occasionally. Seek medical aid.

Skin Contact: Wipe off excess from skin. Wash skin with soap and water. Get medical attention if irritation develops or persists.

Inhalation: If a person breathes in large amounts, move the exposed person to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Seek medical advice.

Ingestion: If swallowed, give several glasses of milk or water. Vomiting may occur spontaneously, but it is not necessary to induce. Never give anything by mouth to an unconscious person. Seek medical advice.

SECTION 5 – FIRE FIGHTING MEASURES

Flammability: Non-Flammable

Flash Points: Not Applicable

Auto-Iginition: Not Applicable

Flammable Limits: N/A

Extinguishing Media: Use extinguishing media appropriate to the surrounding fire.

Fire Fighting Procedure: Firefighters should wear self-contained breathing apparatus and protective clothing to prevent inhalation or contact with skin and eyes.

Fire/Explosion Hazards: No information found.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Spill or Leak Procedures: Utilize recommended protective clothing and equipment. Clean spills in a manner that does not disperse dust into the air. Carefully sweep up and remove. Dispose of in accordance to all Federal, State and Local environmental regulations.

SECTION 7 – HANDLING AND STORAGE

Storage Temperatures: Store at ambient temperatures.

Storage: Suitable for any general chemical storage area.

Shelf Life: Unlimited in tightly closed container.

Special Sensitivity: Isolate from any incompatible materials.

Precautions to be taken in handling and storage: Store in accordance with all local, state, and federal environmental regulations.

SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

Respiratory Protection (Specify Type): None where adequate ventilation conditions exist. If airborne Concentration is high, use an appropriate respirator or dust mask.

Protective Gloves: Wear protective gloves.

Eye Protection: Wear chemical safety glasses.

Ventilation To Be Used: Use adequate general or local exhaust ventilation to keep fume or dust levels as low as possible.

Local Exhaust Mechanical (General) Special

Other (Specify)

Other Protective Clothing and Equipment: Wear clean body-covering clothing. Emergency showers and eye wash stations should be available.

Hygienic Work Practices: Avoid contact with eyes, skin, and clothing. Avoid breathing dust. Keep container closed when not in use. Use with adequate ventilation. Wash thoroughly after handling.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Physical Form: Powder
Color: White
Odor: Odorless
Molecular Weight: N/A
Specific Gravity: 2.83
Boiling Point: N/A
Melting Point: 825°C (1517°F)
Solubility in Water: Negligible (less than 0.1%)
Water Reactive: No
Vapor Pressure: N/A
Vapor Density (Air-1): N/A
Evaporation Rate (-1): N/A

SECTION 10 – STABILITY AND REACTIVITY

STABILITY: Stable Unstable
Conditions to Avoid: Stable under ordinary conditions of use and storage.
Incompatibility (Materials to avoid): None.
Hazardous Decomposition Products: Not known to occur.
HAZARDOUS POLYMERIZATION: May Occur Will Not Occur

SECTION 11 – TOXICOLOGICAL INFORMATION

Routes of Exposure: Eye Contact. Ingestion. Inhalation. Skin contact.
Toxicity Data: Carcinogenic References: NTP Carcinogen – Known – IARC Category: None.
Chronic Toxic Effects: None known.
Acute Toxic Effects: Inhalation of dust may cause irritation to upper respiratory tract, nose and throat.
May cause irritation to eyes and skin.
Extremely Hazardous Substance: No
CERCLA Hazardous Substance: No
SARA 313 Toxic Chemicals: No
TSCA Inventory: Yes

SECTION 12 – ECOLOGICAL INFORMATION

Not Known

SECTION 13 – DISPOSAL CONSIDERATIONS

Dispose of in accordance with all applicable local, state and federal environmental regulations.

SECTION 14 – TRANSPORTATION INFORMATION

Domestic (D.O.T.)
Proper Shipping Name: Chemicals, n.o.s.

International (T.M.O.)

Proper Shipping Name: Chemicals, n.o.s.

Air (I.C.A.O.)

Proper Shipping Name: Chemicals, n.o.s.

SECTION 15 – REGULATORY INFORMATION

SARA TITLE III HAZARD CATEGORIES AND LISTS

Acute: Yes Chronic: No Flammability: No Pressure: No Reactivity: No

NFPA Rating: Health: 0 Flammability: 0 Reactivity: 0

HMIS Rating: Health: 0 Fire: 0 Reactivity: 0

SECTION 16 – OTHER INFORMATION

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