

Section 1 Chemical Product and Company Information

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CHEMTREC 24 Hour Emergency
 Phone Number (800) 424-9300

Product	GS-PLASTER
Synonyms	Plaster of Paris / Calcium Sulfate Hemihydrate

Section 2 Hazards Identification

Signal word: Not classified.
Pictograms: GHS07/ GHS08
Target organs: None known.



Ca Prop 65 - WARNING! This product contains a chemical known to the State of California to cause cancer, birth defects, or other reproductive harm.

Section 3 Composition / Information on Ingredients

Chemical Name	CAS Number	%
Calcium sulfate, hemihydrate	26499-65-0	>90%

Section 4 First Aid Measures

SKIN: Wash exposed area with mild soap and water. If irritation persists, seek medical attention.
EYES: Flush eyes with water for at least 15 minutes, lifting upper and lower lids occasionally. Seek Medical Aid. **INHALATION:** Remove to fresh air. If not breathing, give artificial respiration.
INGESTION: Call a physician or Poison Control Center immediately.

Section 5 Fire Fighting Measures

Suitable Extinguishing Media: Nonflammable, non-combustible solid. Use any media suitable for extinguishing supporting fire.
Special Fire Fighting Procedures: Wear a NIOSH/MSHA-approved self-contained breathing apparatus and full protective gear.
Fire and Explosion Hazards: When heated to decomposition (above 1400°F), emits toxic fumes of oxides of sulfur and calcium oxide as dust.

Section 6 Accidental Release Measures

Personal Precautions: Use proper personal protective equipment as indicated in Section 8. Provide adequate ventilation.
Environmental Precautions: Avoid runoff into storm sewers and ditches which lead to waterways.
Containment and Cleanup: Recover for use if not contaminated. Avoid creating excessive dust. Sweep up and place in a suitable container for proper disposal. Wash spill area with soap and water.

Section 7 Handling and Storage

Precautions for Safe Handling: Read label on container before using. Do not wear contact lenses when working with chemicals. Keep out of reach of children. Avoid contact with eyes, skin and clothing. Do not inhale vapors, or dusts. Use with adequate ventilation. Avoid ingestion. Wash thoroughly after handling. Remove and wash clothing before reuse.
Conditions for Safe Storage: Store in a cool dry place. Wash thoroughly after handling.

Section 8 Exposure Controls / Personal Protection

Threshold Limit Value: NIOSH REL: TWA 10mg/m3 (total);
 NIOSH REL TWA 5mg/m3 (respiratory)
Respiratory Protection: None should be needed in normal conditions. If dusty conditions prevail, use a NIOSH/MSHA-approved dust mask.
Ventilation: Local exhaust or Mechanical
Protective Gloves: None required but recommended for repeated exposure.
Eye Protection: Chemical safety goggles.
Other Protective Equipment: Goggles, smock, apron, proper gloves, eyewash station, ventilation hood.

Section 9 Physical & Chemical Properties

Physical State: Solid	Boiling Point: N/A
Appearance: White powder	Vapor pressure (mm Hg): 0 mmHg
Odor: No odor	Solubility in Water: 0.3% at 77°
Melting Point: N/A	Specific gravity: 2.5

Section 10 Stability & Reactivity

Chemical stability: Stable

Conditions to avoid: Protect from moisture – sets to a hardened mass.

Incompatible materials: Acids. Strong oxidizers, bases.

Hazardous decomposition products: When heated to decomposition (above 1400°F), emits toxic fumes of oxides of sulfur and calcium oxide as dust.

Hazardous polymerization: Will not occur.

Section 11 Toxicological Information

Effects of Overexposure: May be harmful if swallowed. May cause irritation. Avoid breathing vapors, or dusts. Use with adequate ventilation. Avoid contact with eyes, skin, and clothes. Wash thoroughly after handling. Keep container closed.

Section 12 Ecological Information

No data available.

Section 13 Disposal Considerations

Follow local, state, and federal regulations.

Section 14 Transport Information

D.O.T. Classification: Not regulated.

UN Number: N/A

Shipping Name: Not regulated.

Hazard Class: N/A

Packing Group: N/A

Marine Pollutant: No

Exceptions: N/A

Section 15 Regulatory Information

No specific safety, health or environmental regulations.

Section 16 Additional Information

The information contained herein is believed to be accurate and is offered in good faith for the user's consideration and investigation. No warranty is expressed or implied regarding the completeness or accuracy of this information, whether originating from Home Science Tools or from an alternate source.

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