

Material Safety Data Sheet

Calcium Products SuperCal SO₄

Manufacturer: Calcium Products, Inc.
Post Office Box 281
Gilmore City, Iowa 50541

Emergency Phone: 515-373-6552
Other Information: 800-255-8196

SECTION 1 - IDENTITY

Common Name On Label SuperCal SO₄
Cas No. 10101-41-4 (Gypsum) 14808-60-7 (Quartz)
Chemical Name Calcium Sulfate Dihydrate
Chemical Family Chemical Salt
Formula: CaSO₄ + 2H₂O
Contains: Gypsum & Quartz (Present as a natural occurring component of minerals.)

SECTION 2 – HAZARDOUS INGREDIENTS

Principal Component(s) Crystalline Silica – The International Agency for Research on Cancer (IARC) classifies crystalline silica inhaled in the form of quartz or cristobalite from occupational sources as carcinogenic to humans, Group 1. The National Toxicology Program (NTP) classifies respirable crystalline silica as a substance which may be reasonably anticipated to be a carcinogen. OSHA does not regulate crystalline silica as a human carcinogen.

SECTION 3 – PHYSICAL & CHEMICAL CHARACTERISTICS (Fire & Explosion Data)

Boiling Point Not Applicable
Specific Gravity (H₂O=1) 2.6 – 2.75
Evaporation Rate Zero
Percent Volatile by Vol. 0%
Vapor Density (Air = 1) Not Applicable
Solubility in Water Zero
Reactivity in Water Zero
Appearance & Odor White powder, no odor
Flash Point Not Flammable
Extinguisher Media Not Required
Auto Ignition Temp. Not Flammable
Special Fire Fighting None Known
Usual Fire/Explosion None Known

SECTION 4 – PHYSICAL HAZARDS

Stability	Stable
Conditions to Avoid	None Known
Incompatibility	None Known
Hazardous Decomposition	None Known
Hazardous Polymerization	Will Not Occur

SECTION 5 – HEALTH HAZARDS

Threshold Limit Value	OSHA Limits: Total = 15 Respirable = 5
Signs & Symptoms of Exposure	Acute Overexposure may irritate respiratory system, eyes and skin.
Chronic Overexposure	May cause pneumoconiosis
Medical Conditions Generally Aggravated by Exposure	Existing respiratory system disease(s), existing skin or eye conditions.
Chemical Listed as Carcinogen or Potential Carcinogen	National Toxicology: Yes IARC: Yes OSHA: No
OSHA Permissible Exposure Limit	5 Respirable 15 Total ACGIH Threshold 10 Total 5 Respirable
Emergency & First Aid Procedure	<ol style="list-style-type: none">1) Inhalation: Remove to fresh air at once. If not breathing initiate pulmonary resuscitation and get medical attention.2) Eyes: Flush with running water for 15 minutes and call physician if irritation persists.3) Skin: Wash with soap and Water. Consult with physician if irritation persists.4) Ingestion: Dust in throat and nasal passages should clear spontaneously. Contact physician if irritation persists.

SECTION 6 – SPECIAL PROTECTION INFORMATION

Respiratory Protection (Type)	NIOSH-approved respirators for toxic dusts be worn whenever working with this product in conditions where dust levels exceed limits.
Ventilation	Local Exhaust – Yes Mechanical (General) – Yes
Protective Gloves	Not needed
Eye Protection	Safety goggles with side shields or goggle
Other Protective Clothing	Not necessary

SECTION 7 – SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES

Precautions in Handling & Storage	Respirable dust may be generated during processing or handling. The controls identified in Section 6 should be applied as appropriate.
Other Precautions	None Known
Steps in Case Material is Spilled	Pick up and reuse clean materials. Dispose of waste materials only in accordance with applicable federal, state and local laws and regulations
Waste Disposal Methods	See above