

MATERIAL SAFETY DATA SHEET

FIVE STAR AFFILIATES, INC.
6731 E. 50 TH. AVENUE
COMMERCE CITY, CO 80022

PHONE: 303-287-0186
MSDS DATE: 12-10-10
REPLACES: 1-5-99

IDENTIFICATION

PRODUCT NAME: CALCIUM SULFATE
COMPOSITION:

HAZARDOUS INGREDIENTS

COMPONENT	CAS. NO. %	EXPOSURE LIMITS, PPM		ACGIH TLV	OTHER LIMIT	HAZARD
		OSHA PEL				
CALCIUM SULFATE	7778-18-9 >99	NONE		NONE	NONE	NONE

PHYSICAL DATA

APPEARANCE: White to off-white Powder or Grey to Brown Granules
ODOR: Low or may smell slightly of lignin
SOLUBILITY IN WATER: 0.2%
SPECIFIC GRAVITY: 2.32-2.96
EVAPORATION RATE (Butyl Acetate = 1): Not Applicable
BOILING POINT, °F.: DECOMPOSES 2600
VAPOR PRESSURE, MM HG/20 °C: Not Applicable
pH: No Data Found
% VOLATILE (By Volume): Not Applicable
MELTING POINT, ° F.: Not Given
VAPOR DENSITY (Air = 1): Not Applicable

FIRE AND EXPLOSION DATA

FLAMMABLE LIMITS IN AIR, %
LOWER: N/A
UPPER: N/A
EXTINGUISHING MEDIA: This material is not combustible. Use extinguishing media appropriate for surrounding fire.
UNUSUAL FIRE AND EXPLOSION HAZARDS: None Known
SPECIAL FIRE FIGHTING PROCEDURES: None
FLASH POINT, DEG. F.: Non-Combustible
METHOD USED: Not Applicable
AUTOIGNITION TEMPERATURE, DEG. F.: Not Applicable

HEALTH HAZARD DATA

PRIMARY ROUTES OF EXPOSURE: Inhalation, Skin or Eye Contact
SIGNS AND SYMPTOMS OF EXPOSURE:
INHALATION: Breathing Dust May Irritate the Nose and Throat and Cause Coughing and Chest Discomfort.
EYE CONTACT: Dusts May Irritate the Eyes.
SKIN CONTACT: No Irritation is likely after brief contact but may be irritating after prolonged contact.
SWALLOWED: No effects indicated.
CHRONIC EFFECTS OF EXPOSURE: No specific information available.
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: None reported.

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PHONE: 303-287-0186
MSDS DATE: 1-5-99
REPLACES: New

EMERGENCY & FIRST AID PROCEDURES

INHALATION: Remove to fresh air. Give artificial respiration if not breathing. Get medical attention.

EYE CONTACT: Immediately flush eyes with lots of running water for 15 minute, lifting the upper and lower eyelids occasionally. Get immediate medical attention.

SKIN CONTACT: Immediately flush skin with lots of running water. Remove contaminated clothing and shoes; wash before reuse. Get immediate medical attention.

INGESTION: No procedure indicated.

SPECIAL PROTECTION INFORMATION

VENTILATION: Local mechanical exhaust ventilation capable of minimizing dust emissions at point of use.

RESPIRATORY PROTECTION: If use conditions generate dusts, wear a NIOSH-approved respirator appropriate for those emission levels. Appropriate respirators may be a full facepiece or a half mask air-purifying cartridge respirator with particulate filters, a self-contained breathing apparatus in the pressure demand mode, or a supplied-air respirator.

EYE PROTECTION: Chemical goggles and full-face shield. It is generally recognized that contact lenses should not be worn when working with chemicals because contact lenses may contribute to the severity of an eye injury.

PROTECTIVE CLOTHING: Long-sleeved shirt, trousers, safety shoes, and gloves.

OTHER PROTECTIVE MEASURES: An eyewash and safety shower should be nearby and ready for use.

REACTIVITY DATA

STABILITY: Stable

CONDITIONS TO AVOID: None

POLYMERIZATION: Will not occur.

MATERIALS TO AVOID: Acids

HAZARDOUS DECOMPOSITION PRODUCTS: SO₂ and CAO above 2600°F.

SPILL OR LEAK PROCEDURES

SPILL: Wear protective equipment including rubber boots, rubber gloves, rubber apron, and a full facepiece or a half mask air-purifying cartridge respirator with particulate filters. Wear chemical goggles if a half mask is worn. For small spills, sweep up and dispose of in DOT-approved waste containers. For large spills, shovel into DOT-approved waste containers; keep out of sewers, storm drains, surface waters, and soil.

Comply with all applicable governmental regulations on spill reporting, and handling and disposal of waste.

DISPOSAL: Dispose of contaminated product and materials used in cleaning up spills or leaks in a manner approved for this material. Consult appropriate Federal, State and Local regulatory agencies to ascertain proper disposal procedures.

Note: Empty containers can have residues, gases and mists and are subject to proper waste disposal, as above.

SPECIAL PRECAUTIONS

STORAGE AND HANDLING PRECAUTIONS: Store in a cool, dry, well-ventilated place away from incompatible materials. Keep bags or fiber drums dry at all times. Wash thoroughly after handling. Do not get in eyes, on skin, or on clothing.

REPAIR AND MAINTENANCE PRECAUTIONS: Do not cut, grind, weld, or drill on or near this container.

OTHER PRECAUTIONS: Containers, even those that have been emptied, will retain product residue and vapors. Always obey hazard warnings and handle empty containers as if they were full.

Emergency Telephone: 1-800-535-5053