1. IDENTIFICATION

Product Name: CALCIUM SULFATE, Anhydrous
Synonyms: Drierite; Anhydrous gypsum; Snow white filler
Formula and Formula Weight: CaSO4  136.14
Integra numbers beginning with: C162.10; C162.32; D925.50; D935.50
Recommended Use: Commercial/industrial use
Restrictions on Use: No information available

INTEGRA Chemical Company
24 Hour Emergency Response: CHEMTREC 800-424-9300 (Outside USA 703-527-3887)
1216 6th Ave N
Kent WA 98032
Phone: 253-479-7000

2. HAZARDS IDENTIFICATION

OSHA Classification: None identified
Hazard Category: Not applicable
Hazard Statement: Not applicable

Hazards Not Otherwise Classified: No information available

3. COMPOSITION/INFORMATION ON INGREDIENTS

Component | Synonyms | CAS # | % Weight
--- | --- | --- | ---
Calcium sulfate, anhydrous | | 07778-18-9 | 100

4. FIRST AID MEASURES

Inhalation: Remove person to fresh air.
Eye Contact: Flush eyes with plenty of water. If irritation persists, seek medical attention.
Skin Contact: Wash with soap and water.
Ingestion: Do not induce vomiting. Rinse mouth. If adverse symptoms develop, seek medical attention.
Additional notes: Symptoms and effects include skin, eye, respiratory irritation.

5. FIRE-FIGHTING MEASURES

Extinguishing Media: Water spray, carbon dioxide, dry chemical or foam.
Special Equipment and Precautions: Use water to cool nearby containers and structures. Wear full protective equipment, including suitable respiratory protection.
Specific Hazards: None identified
Hazardous combustion products: Oxides of sulfur.

6. ACCIDENTAL RELEASE MEASURES

Spill Procedures: Prevent spread of spill. Wear suitable protective equipment. Sweep or scoop into clean, dry disposal container. Flush spill area with water.

7. HANDLING AND STORAGE

Storage and Handling: Store in a cool, dry, well-ventilated area away from incompatible materials. Keep containers tightly closed and protect them from physical damage. Hygroscopic. Store containers tightly sealed.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

OSHA & ACGIH Exposure Limits:

Calcium sulfate, anhydrous
OSHA TWA: 5 mg/m3 (respirable portion); 15mg/m3 (total dust)  ACGIH TWA: 10 mg/m3

Engineering Controls: Use general or local exhaust ventilation to meet TLV and PEL requirements.
Respiratory Protection: Respiratory protection required if airborne concentrations exceed PEL or TLV. Use a NIOSH approved respirator with a particulate filter.
Skin/Eye Protective Equipment: Safety goggles, protective clothing and gloves appropriate for the risk of exposure.
Facilities storing or utilizing this material should have readily accessible eyewash stations and safety showers. Select respirators and other safety equipment in accordance with regulations and based upon the particular conditions of use and risk of exposure. Always use safe chemical-handling and good industrial hygiene practices.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: White powder or pieces
Odor: Odorless
Odor Threshold: Not available
pH: Not available
Melting/Freezing Point: 1450 °C
Initial Boiling Point and Boiling Range: Not available
Flash Point: Not available
Evaporation Rate: Not available
10. STABILITY AND REACTIVITY

Reactivity: No information available
Stability: Stable
Possibility of Hazardous Reactions: Hazardous polymerization will not occur
Conditions to Avoid: Moisture.
Incompatibles: Incompatible with strong acids. Aluminum.
Decomposition Products: Oxides of sulfur.

11. TOXICOLOGICAL INFORMATION

Effects of Over Exposure:
Inhalation: Inhalation may irritate the nose, throat and upper respiratory tract.
Skin Contact: Contact may cause skin irritation.
Eye Contact: Dusts may cause some eye irritation.
Ingestion: May cause obstruction in stomach if swallowed because material hardens when in contact with moisture.
Chronic Effects: None identified
Target Organs: None identified
Additional Effects: None identified
Reproductive Effects: None identified
Carcinogenicity: None identified
Toxicity Data:
Calcium sulfate, anhydrous No information available

12. ECOLOGICAL INFORMATION

Aquatic Toxicity Data:
Calcium sulfate, anhydrous No information available
Terrestrial Toxicity Data:
Calcium sulfate, anhydrous No information available
Persistence and degradability: No information available
Bioaccumulative potential: No information available
Mobility in soil: No information available
Other adverse effects: No information available

13. DISPOSAL CONSIDERATIONS

Disposal Procedures: Dispose of material and containers in accordance with all local, state and federal regulations.

14. TRANSPORTATION INFORMATION

This product is not a regulated material for domestic ground transporation.

Environmental hazards: No information available
Special precautions: No information available
Bulk transport: No information available

15. REGULATORY INFORMATION

Calcium sulfate, anhydrous is listed in the TSCA inventory.

16. OTHER INFORMATION

OSHA SDS #: 25370 rev 101 3/27/2015

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***** END OF SDS *****