

# MATERIAL SAFETY DATA SHEET

Calcium Sulfate Anhydrous Powder

## SECTION 1 . Product and Company Identification

Product Name and Synonym: Calcium Sulfate Anhydrous Powder

Product Code: 285-06

Material Uses:  
Manufacturer: OFI Testing Equipment, Inc.  
11302 Steeplecrest Drive  
Houston, TX 77065 USA  
Phone: (713) 880-9885  
Fax: (713) 880-9886

Entry Date : 5/12/2010

Print Date: 7/31/2010

24 Hour Emergency Assistance : Chemtrec 800-424-9300  
Canutec 613-996-6666

Health:	1			
Flammability:	0			
Reactivity:	0			
Hazard Rating:				
Least	Slight	Moderate	High	Extreme
0	1	2	3	4
NA = Not Applicable		NE = Not Established		

## SECTION 2 HAZARD IDENTIFICATION

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.

Emergency Overview: Warning! Causes Irritation To Skin, Eyes And Respiratory Tract. May Be Harmful If Swallowed.

Inhalation: Causes irritation to the respiratory tract. Symptoms may include coughing, shortness of breath.

Ingestion: May cause obstruction in stomach, as it hardens with moisture. Symptoms include stomach pain, distress.

Skin: Causes irritation, redness, pain.

Eye Contact: Causes irritation, redness, and pain.

Chronic Exposure: No information found.

Aggravation of Pre-existing Conditions: No information found.

## SECTION 3 MIXTURE COMPONENTS

SARA 313	Component	CAS Number	Percent Comp.	Dimension	Exposure Limits
<input type="checkbox"/>	Calcium Sulfate Precipitated	CAS# 10101-41-4	100%	W/W	ACGIH TWA 10 mg/m <sup>3</sup> (nuisance particulate)

## SECTION 4 FIRST AID MEASURES

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.

FIRST AID: CALL A PHYSICIAN. SKIN: Wash exposed area with soap and water.

EYES: Wash eyes with plenty of water for at least 15 minutes, lifting lids occasionally. Seek Medical Aid. INHALATION: Remove to fresh air. If not breathing,

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give artificial respiration. If breathing is difficult, give oxygen

INGESTION: If swallowed, induce vomiting immediately after giving two glasses of water. Never give anything by mouth to an unconscious person.

### SECTION 5 FIRE FIGHTING MEASURES

Fire Extinguisher Type: Any means suitable for extinguishing surrounding fire

Fire / Explosion Hazards: burning may produce sulfur oxides

Fire Fighting Procedure: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and clothing.

### SECTION 6 ACCIDENTAL RELEASE MEASURES

Ventilate area, Sweep up and place in suitable (fiberboard) containers for reclamation or later disposal.

Ventilate area of leak or spill. Wear appropriate personal protective equipment as specified in Section 8. Spills: Sweep up and containerize for reclamation or disposal. Vacuuming or wet sweeping may be used to avoid dust dispersal.

### SECTION 7 HANDLING AND STORAGE

Keep in tightly closed container

### SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Respiratory Protection: NIOSH/MSHA-approved respirator

Ventilation

- Local Exhaust
- Mechanical

Protective Gloves: NIOSH Approved Gloves

Eye Protection: Splash Goggles

Other Protective Equipment: Wear appropriate clothing to prevent skin exposure

### SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Melting Point:	> 120° C (decomposes)	Percent Volatile by Volume:	0
Boiling Point:	1450° C	Evaporation Rate	Not applicable
Vapor Pressure:	Information not available	Evaporation Standard	
Vapor Density:	Information not available	Auto Ignition Temp	Not applicable
Solubility in Water:	slight	Lower Flamm. Limit in Air	Not applicable
Appearance /Odors:	White powder	Upper Flamm. Limit in Air	Not applicable
Flash Point:	not applicable		
Specific Gravity:	~ 2.96		

### SECTION 10 STABILITY AND REACTIVITY INFORMATION

Calcium Sulfate Anhydrous Powder

Stability: Stable  
Conditions to Avoid: Air, Moisture, and incompatibilities.  
Materials to Avoid: diazomethane, aluminum, phosphorous  
Hazardous Decomposition Products: Oxides of sulfur  
Hazardous polymerization: Will Not Occur  
Conditions to Avoid: None known

**SECTION 11 Toxicological Information**

Carcinogenic References: No LD50/LC50 information found relating to normal routes of occupational exposure.  
NTP Carcinogen Known: No, Carcinogen Anticipated: No, IARC Category- None

**SECTION 12 Ecological Information**

Environmental Fate: No Information Found  
Environmental Toxicity: No Information Found

**SECTION 13 Disposal Considerations**

Whatever cannot be saved for recovery or recycling should be managed in an appropriate and approved waste disposal facility. Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations. Dispose of container and unused contents in accordance with federal, state and local requirements.

**SECTION 14 Transport Information**

DOT Classification: Not Regulated  
DOT Regulations may change from time to time. Please consult the most recent D.O.T. regulations.

**SECTION 15 Regulatory Information**

Chemical Inventory Status –  
Part 1:Ingredient  
Calcium Sulfate (anhydrous) (7778-18-9)  
TSCA Yes  
EC Yes  
Japan YES  
Australia Yes

Chemical Inventory Status –  
Part 2:Ingredient  
Calcium Sulfate (anhydrous) (7778-18-9)  
Korea Yes  
DSL Yes  
NDSL No  
Phil. Yes

Federal, State & International Regulations –  
Part 1: Ingredient.  
Calcium Sulfate (anhydrous) (7778-18-9)  
RQ No  
TPQ No  
List NO  
Chemical Catg No

Federal, State &  
International Regulations –  
Part 2:Ingredient  
Calcium Sulfate (anhydrous) (7778-18-9)  
CERCLA NO  
261.33 No

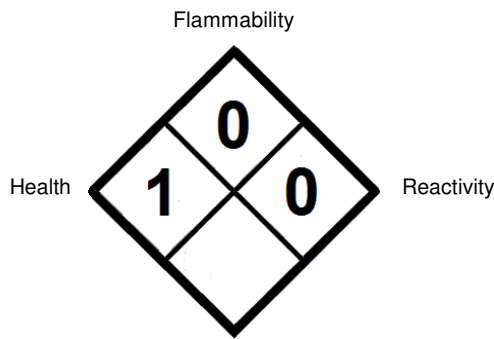
Calcium Sulfate Anhydrous Powder

8(d) No

Chemical Weapons Convention: No  
TSCA 12 (b):No  
CDTA:No PURE/SOLID  
SARA 311/312: Acute:YES  
Chronic: No  
Fire: No  
Pressure: No  
Reactivity: No  
Australian Hazchem Code: NONE ALLOCATED  
Poison Schedule:NONE ALLOCATED

**SECTION 16 Additional Information**

Hazard is that of a nuisance dust. Coughing, sneezing, and labored breathing may occur in case of severe inhalation. May cause mechanical eye irritation. Conditions aggravated/target organs: persons with pre-existing eye, skin, or respiratory conditions may be more susceptible.



NFPA

**Revisions**

7/30/2010	0.1	updated msds to 16 section from 10 section msds. STN
	0	

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