

# MATERIAL SAFETY DATA SHEET

Calcium Sulfate

## SECTION 1 . Product and Company Identification

Product Name and Synonym: Calcium Sulfate  
Product Code: C1010  
Material Uses:  
Manufacturer: Science Stuff  
1104 Newport Ave  
Austin, TX 78753  
(512) 837-6020  
Entry Date : 5/29/2013  
Print Date: 5/29/2013  
24 Hour Emergency Assistance : Chemtrec 800-424-9300  
Canutec 613-996-6666

|   |   |
|---|---|
| Health:   | 0 |
| Flammability:   | 0 |
| Reactivity:   | 0 |
| Hazard Rating:<br>Least Slight Moderate High Extreme<br>0 1 2 3 4<br>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.

## SECTION 3 MIXTURE COMPONENTS

| SARA 313                 | Component       | CAS Number      | Percent Comp. | Dimension | Exposure Limits   |
|--------------------------|-----------------|-----------------|---------------|-----------|---|
| <input type="checkbox"/> | Calcium Sulfate | CAS# 10101-41-4 | 100%          | W/W       | ACGIH TWA<br>10 mg/m <sup>f</sup><br>(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, 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: None Known.  
Fire Fighting Procedure: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and clothing.

## SECTION 6 ACCIDENTAL RELEASE MEASURES

Calcium Sulfate

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

**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      | Percent Volatile by Volume: | N/A            |
| Boiling Point:       | N/A          | Evaporation Rate            | N/A            |
| Vapor Pressure:      | N/A          | Evaporation Standard        |                |
| Vapor Density:       | N/A          | 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:         | N/A          |                             |                |
| Specific Gravity:    | N/A          |                             |                |

**SECTION 10 STABILITY AND REACTIVITY INFORMATION**

|                                   |                  |
|-----------------------------------|------------------|
| Stability:                        | Stable           |
| Conditions to Avoid:              | None known       |
| Materials to Avoid:               | None             |
| Hazardous Decomposition Products: | Oxides of sulfur |
| Hazardous polymerization:         | Will Not Occur   |
| Conditions to Avoid:              | None known       |

**SECTION 11 Toxicological Information**

**SECTION 12 Ecological Information**

**SECTION 13 Disposal Considerations**

**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.

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**SECTION 15** Regulatory Information

**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.

Flammability

Health

Reactivity

Revisions

NFPA

0.1

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