

## Material Safety Data Sheet

**Science Stuff, Inc.**  
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**Chemtrec 800-424-9300**  
**24 Hour Emergency Assistance**

Section 1 Identification						Section 6 Accidental Release Measures		
Product Number:	C1458	Health:	1			Sweep up and place in suitable (fiberboard) containers for reclamation or later disposal.		
Product Name:	Calcium Sulfate (Plaster of Paris)	Flammability	0					
Trade/Chemical Synonyms		Reactivity	0					
Formula:	CaSO <sub>4</sub> ½ 1/2H <sub>2</sub> O	Hazard Rating:	Least Slight Moderate High Extreme	0      1      2      3      4				
RTECS:	EW4150000	NA = Not Applicable NE = Not Established						
C.A.S	CAS# 10034-76-1							
Section 2 Component Mixture						Section 7 Handling and Storage		
Sara 313	Component	CAS Number	%	Dim	Exposure Limits:	Store in a cool dry place. This Material is not considered hazardous. Handle using safe laboratory practices.		
<input type="checkbox"/>	Calcium Sulfate (Plaster of Paris)	CAS# 10034-76-1	100%	W/W	None established			
Section 3 Hazard Identification (Also see section 11)						Section 8 Exposure Controls & Personal Protection		
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.						Respiratory Protection: NIOSH approved dust		
						Mechanical: <input type="checkbox"/>	Wear Hand protection: appropr gloves 1 prevent exposur	
						Local Exhaust: <input checked="" type="checkbox"/>	Eye Safety Glasses Protection: Side Sh	
Section 4 First Aid Measures						Other Protective Equipment: Wear appropriate clothing to prevent skin exposure		
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: SKIN: Wash exposed area with soap and water. If irritation persists, seek medical attention.								
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						Section 9 Physical and Chemical Properties		
Fire Extinguisher Type:	Any means suitable for extinguishing surrounding fire	Melting Point:	1450° C	Specific Gravity	2.68			
Fire/Explosion Hazards:	None Known.	Boiling Point:	Decomposes	Percent Volatile by Volume:	N/A			
Fire Fighting Procedure:	Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and clothing.	Vapor Pressure:	Information not available	Evaporation Rate:	N/A			
		Vapor Density:	Information not available	Evaporation Standard:				
		Solubility in Water:	soluble	Auto ignition Temperature:	Not appl			
		Appearance and Odor:	white powder, no odor	Lower Flamm. Limit in Air:	Not appl			
		Flash Point:	N/A	Upper Flamm. Limit in Air:	Not appl			
Section 10 Stability and Reactivity Information						Section 11 Additional Information		
Stability: Stable Conditions to Avoid: None known								
Materials to Avoid: Phosphorus, aluminum, diazomethane								
Hazardous Decomposition Products: Sulfur Oxide								
Hazardous Polymerization: Will Not Occur								
Condition to Avoid: None known								
Effects of overexposure: Acute and Chronic: Causes irritation to eyes and skin. If ingested								

cause obstruction. Conditions aggravated: People with pre-existing eye, skin or respiratory conditions may be more susceptible. Target organs: Eyes, skin, digestive tract.

DOT Classification: Not Regulated

DOT regulations may change from time to time. Please consult the most recent version of the relevant regulations.

Revision      Date Entered:      Approved by  
No:0            9/1/2006            WPF

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