

BFS-24

Material Safety Data Sheet

Science Stuff, Inc.
 1104 Newport Ave
 Austin, TX 78753

Phone (512) 837-6020
Chemtrec 800-424-9300
24 Hour Emergency Assistance

Section 1 Identification

Product Number:	C1458	
Product Name:	Calcium Sulfate (Plaster of Paris)	Health: 1 Flammability: 0 Reactivity: 0
Trade/Chemical Synonyms:		Hazard Rating: Least Slight Moderate High Extreme 0 1 2 3 4 NA = Not Applicable NE = Not Established
Formula:	CaSO ₄ · 1/2 H ₂ O	
RTECS:	EW4150000	
C.A.S	CAS# 10034-76-1	

Section 2 Component Mixture

Sara 313	Component	CAS Number	%	Dim	Exposure Limits:
<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)

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 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: 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

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

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

Section 7 Handling and Storage

Store in a cool dry place. This Material is not considered hazardous. Handle using safe laboratory practices.

Section 8 Exposure Controls & Personal Protection

Respiratory Protection: NIOSH approved dust mask
 Wear appropriate gloves to prevent exposure
 Mechanical: Hand Protection:
 Ventilation: Local Exhaust:
 Eye Safety Glasses Side Shield

Other Protective Equipment: Wear appropriate clothing to prevent skin exposure

Section 9 Physical and Chemical Properties

Melting Point:	1450° C	Specific Gravity:	2.68
Boiling Point:	Decomposes	Percent Volatile by Volume:	N/A
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

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

Section 11 Additional Information

Effects of overexposure: Acute and Chronic: Causes irritation to eyes and skin. If ingested

cause obstruction. Conditions aggravated: Pe
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 tir
Please consult the most recent version of the
relevant regulations.

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

The information contained herein is believed to be accurate and is offered in good faith for the user's consideration and investigation. No warranty is expressed or implied regarding the completeness or accuracy of this information, whether originating from Science Stuff, Inc. or from an alternate source. Users of this material should satisfy themselves by independent investigation of current scientific and medical information that this material may be safely handled.