



CAL TREAT

SAFETY DATA SHEET

Section 1: Chemical Product and Company Identification

Product name: Cal Treat

Catalog Codes: SLS2104, SLS4258

CAS#: Mixture

Uses: Calcium hardness remover

US Sales: 800-524-5550

Order Online: www.unitedchemicalcorp.com

Non-emergency assistance: 800-524-5550

Emergency contact number: 805-407-9883

Contact Information:

United Chemical Corporation

P.O. Box 429

Piru, CA 93040

Section 2: Hazards Identification

Physical Hazards: Corrosive to Metals – Category 1

Health Hazards: Eye irritation – Category 1

Environmental Hazards: Not Classified

Label Elements:



Signal Word: Danger

Hazard Statement: Causes serious eye damage. May be corrosive to metals

Precautionary Statement (GHS-US):

Prevention: Wear eye protection/face protection. Wash thoroughly after handling. Keep only in original container.

Response: If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center/doctor. If eye irritation persists: Get medical advice/attention. If on skin: Wash with plenty of water. Call a poison center/doctor if you feel unwell. Specific treatment (see first aid instructions on this label) Take off immediately all contaminated clothing and wash it before reuse. Absorb spillage to prevent material damage.

Storage: Store in corrosive resistant container/container with a resistant inner liner.

Disposal: Follow label instructions for disposal information.

Hazard(s) not otherwise classified (HNOC): None Known

Section 3: Composition and Information on Ingredients

Chemical Name	CAS Number	% by weight
Sodium Bisulfate	10034-88-5	40-60%

Cal Treat® is a proprietary composition and the exact concentrations of composition have been withheld as a trade secret.

Section 4: First Aid Measures

Eye Contact: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing. Call a poison control center or doctor for treatment advice.

Skin Contact: Take off contaminated clothing. Rinse skin with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

Inhalation: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control center or doctor for treatment advice.

Ingestion: Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything to an unconscious person.

Section 5: Fire and Explosion

Flammability of the Product:

Non-flammable. Auto-Ignition Temperature: Not Applicable. Flash Point: Not applicable

Flammable Limits:

Not Applicable

Products of Combustion:

During fire, gases hazardous to health may be formed.

Fire Hazards in Presence of Various Substances:

Not applicable

Explosion Hazards in Presence of Various Substances:

Risk of dust explosion

Fire Fighting Media and Instructions:

Suitable extinguishing media: Foam, Powder, Carbon Dioxide (CO₂)

Unsuitable extinguishing media: Do not use water jet as an extinguisher, as this will spread the fire.

Section 6: Accidental Release Measures

Small Spill:

Use appropriate tools to put the spilled solid in a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.

Large Spill:

Use a shovel to put the material into a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system.

Environmental Precautions:

Avoid discharge into drains, water courses or onto the ground.

Section 7: Handling and Storage

Precautions:

Do not ingest. Do not breathe dust. Avoid contact with eyes. Wear suitable protective clothing. In case of insufficient ventilation, wear suitable respiratory equipment. If ingested, seek medical advice immediately and show the container or the label. Keep away from incompatibles such as oxidizing agents, acids.

Storage:

Keep container tightly closed. Keep container in a cool, well-ventilated area. Do not store above 25°C (77°F).

Section 8: Exposure Controls/Personal Protection

Engineering Controls:

Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels at a minimum. If user operations generate dust, fume or mist, use ventilation to limit exposure to airborne contaminants.

Personal Protection: Splash goggles. Lab coat. Dust respirator. Be sure to use an approved/certified respirator or equivalent. Gloves.

Personal Protection in Case of a Large Spill: Splash goggles. Full suit. Dust respirator. Boots. Gloves. A self-contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

Exposure Limits:

None

Section 9: Physical and Chemical Properties

Physical state and appearance: Solid. (Granular solid.)

Odor: Not available.

Taste: Not available.

Molecular Weight: 120.6 g/mole

Color: Off-white.

pH (1% soln/water): Not available.

Boiling Point: Not available.

Melting Point: 157.22°C (315°F)

Critical Temperature: Not available.

Specific Gravity: 2.435 (Water = 1)

Vapor Pressure: Not applicable.

Vapor Density: Not available.

Volatility: Not available.

Odor Threshold: Not available.

Water/Oil Dist. Coeff.: Not available.

Ionicity (in Water): Not available.

Dispersion Properties: See solubility in water.

Solubility: Easily soluble in hot water. Soluble in cold water. Soluble in 2 parts cold water. Soluble in 1 part boiling water.

Decomposed by alcohol into sodium sulfate and free H₂SO₄.

Section 10: Stability and Reactivity

Stability: Product is stable

Instability Temperature: Not Available

Conditions of Instability: Incompatible materials, moisture

Incompatibility with Various Substances: Reactive with oxidizing agents, and acids

Corrosivity: Not available

Section 11: Toxicological Information

Routes of Entry:

Dermal, oral, and inhalation

Toxicity to Animals:

Not available.

Chronic Effects on Humans:

Not available.

Other Toxic Effects on Humans:

None

Special Remarks on Toxicity to Animals:

None

Special Remarks on Chronic Effects on Humans:

None

Special Remarks on other Toxic Effects on Humans:

None

Section 12: Ecological Information

Ecotoxicity:

Not available

BOD5 and COD:

Not available

Products of Biodegradation:

Not available

Toxicity of the Products of Biodegradation:

Not available

Special Remarks on the Products of Biodegradation:

Not available

Section 13: Disposal Considerations

Waste Disposal:

Waste must be disposed of in accordance with federal, state and local environmental control regulations. Avoid access to streams, lakes or ponds.

Section 14: Transport Information

DOT Classification:

Class 8: Corrosive material

Identification:

Corrosive Solid, n.o.s.(Sodium Bisulfate) UNNA: 1759 PG: III

Special Provisions for Transport:

Not available.

Section 15: Regulatory Information

Section 16: Other Information

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