United Chemical

SAFETY DATA SHEET

Section 1: Chemical Product and Company Identification

Product Name: Cal Treat

Catalog Codes: SLS2104, SLS4258

CAS #: Mixture

Uses: Calcium hardness remover

Manufacturer/Importer/Supplier/Distributor information

Manufacturer

Company Name: United Chemical Corporation

Address: P.O. Box 429
Piru, CA 93040

Telephone: (800)524-5550

Website: www.unitedchemical.com

Emergency Phone Number: (805)407-9883

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.

Ingestions: 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 (CO_2)

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

Disclaimer:	The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall United Chemical Corp. be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if United Chemical Corp. has been advised of the possibility of such damages.
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