

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: CAL-BO 08/07 P. 1

MANUFACTURER: Manufactured by
CUSTOM AGRICULTURAL FORMULATORS
P. O. Box 26104
Fresno, CA 93729

EMERGENCY PHONE NO: (559) 435-1052

I. PRODUCT DESCRIPTION

PROPRIETARY MIXTURE OF CALCIUM CHLORIDE AND SODIUM BORATE.

II. HAZARDOUS INGREDIENTS

COMPONENTS	CAS reg. No:	Approx. Percent	TLV
Calcium Chloride	10043-52-4	21%	10 mg/m ³ as CaCl ₂ , 15 CL
Disodium Octaborate	12280-03-4	10%	N/A

III. PHYSICAL AND CHEMICAL CHARACTERISTICS

Boiling point	212°F
Solubility in water	Soluble
Specific gravity	1.35
Molecular weight	N/A
Vapor Pressure:	30 mm (approximatedly)
Color	Brown Liquid,
Odor	Sweet Molasses-like Odor

IV. FIRE AND EXPLOSION DATA

Flash Point	Non-Flammable
Special Fire Fighting Procedures:	N/A
UNUSUAL FIRE AND EXPLOSION HAZARDS:	None

V. PHYSIOLOGICAL & HEALTH EFFECTS

A. EXPOSURE LIMITS

- OSHA Permissible Exposure Lime (PEL); Note Established
- Threshold Limit Value (TLV): Note Established

B. EFFECTS OF OVEREXPOSURE:

1. ACUTE

- a. EYES: Moderate eye irritation,
- b. SKIN: slightly irritating to the skin
- c. INHALATION: Irritation to upper respiratory tract.
- d. INGESTION: Ingestion may cause nausea, vomiting, diarrhea

C. ANIMAL TOXICITY DATA

- Calcium chloride LDLo (oral rat) 1000mg/kg

VI. EMERGENCY AND FIRST AID PROCEDURES

Swallowing – Drink at least 2 glasses of milk and induce vomiting. Get medical attention immediately.

Skin - Flush affected area with water, followed by washing with soap and water until all material is removed. Obtain medical attention if irritation persists.

Inhalation - Remove from contaminated atmosphere. Give oxygen if available. Keep the affected person warm and at rest. If symptoms of respiratory discomfort persist, obtain medical attention.

Eyes - Immediately flush eyes with large quantities of water for 15 minutes, occasionally lifting the lower and upper lids. Get medical attention if irritation persists.

VII. REACTIVITY DATA

STABILITY: Stable

INCOMPATIBILITIES: Strong oxidizers, heat, flames

HAZARDOUS POLYMERIZATION: Should not occur.

VIII. ENVIRONMENTAL PROTECTION

ENVIRONMENTAL IMPACT: This product, when used as directed by the label, is not expected to have any significant impact on the environment.

WASTE DISPOSAL METHODS: Dispose of waste materials and containers according to local, state and federal regulations.

IX. SPILL AND DISPOSAL PROCEDURES

Keep material out of water sources and sewers. Build dikes to contain flow as necessary. Attempt to stop leak only if without hazard. Wear appropriate protective clothing and equipment. Small spills: Take up with sand or noncombustible absorbent material. Large spills: Dike or dig pits for containment. Water spills: Restrict water use and access downstream.

X. PROTECTIVE EQUIPMENT

EYES AND FACE: Employees should be provided with and required to use splash-proof safety goggles with this or other chemical products.

CLOTHING: Protective clothing, boots, and gloves should be worn that is appropriate for use with accompanying chemical being applied.

XI. HYGIENIC PRACTICES

It is advisable to wash chemicals from the skin promptly if skin becomes contaminated. Always wash before eating, smoking or using toilet facilities and at the end of each work shift. It is advisable to change clothing after work shift and wear clean clothing before reuse.

XII. TRANSPORTATION DATA

Unregulated by D.O.T.: Not regulate, non-hazardous

CAUTION: **Keep out of reach of children.** Read the container label. Follow all precautionary directions and restrictions. The information presented herein was compiled to comply with the federal Hazard Communication Standard. The information is believed to be accurate as of the preparation date, but is not warranted as being the final authority in the use of this product. This information does not purport to be legal or medical advice. All information appearing in this document was based on data provided by third party sources. Neither the manufacturer nor its agents assume liability for the use of this product or information since the conditions of use are beyond the control of the manufacturer and its agents.