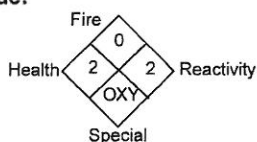


Material Safety Data Sheet - Used to comply with OSHA's Hazard Communication Standard 29 CFR 1910.1200.

Hazard Code:



0 Insignificant
1 Slight
2 Moderate
3 High
4 Extreme

Incompatibility: With acids, organics, oils, nitrogen containing compounds, hydrocarbons

Hazardous decomposition or by-products: Chlorine gas

Hazardous polymerization: May occur

Conditions to avoid: Acids, organics, nitrogen containing compounds

Identity: Calcium Hypochlorite

Section 1

Manufacturer's name/address: B&B Chlorination
112 Main St. Box 246
Albert City, IA. 50510

Telephone number for information:
B&B Chlorination Tel: 712-843-5883
Fax: 712-843-2271

Emergency telephone number:
800-451-8346

Date prepared: 02/03/06

Section 2 - Hazardous Ingredients/Identity Information

Product name: Calcium hypochlorite

Common Names: Chlorination pellets -well sanitizer
-Mark I -Mark V

Chemical Family: Hypochlorite

Active Ingredients: Calcium hypochlorite—72%
Molecular Weight 143, Cas, #7778-54-3, Un 1479
Guide #45, EPA Reg. #50510-1

Formula: Inorganic $\text{Ca}(\text{OCl})_2$

Inactive Ingredients: 28%

Sodium Chloride 8%	Calcium Chloride 1%
Water 12%	Calcium Hydroxide 0-4%
Calcium Chlorate <1%	Calcium Carbonate 0-4%

Section 3 - Physical/Chemical Characteristics

Boiling Point: N/A

Specific Gravity: N/A

Vapor Pressure (mm Hg): 25° C NA

Melting Point: N/A

Solubility in water: @25° C % by Wt 18
pH @ 25° C 10.5—11.5 (1% Soln.)

Appearance and odor: White to slightly yellow, solid, granular pellet with chlorine odor.

Section 4 - Fire and Explosion Hazard Data

Flash point: N/A

Flammable: No

Extinguishing media: Small fires—water only; no dry chemical; CO₂ or Halon.

Special fire fighting procedures: Large fires—flood fire area with water.

Unusual fire and explosion hazards: Massive fires—use unmanned hose holder or monitor nozzles. If possible, withdraw from area and let it burn.

Section 5 - Reactivity Data

Stability: Stable

Conditions to avoid: Temperatures above 177° C (350° F); Also, temperatures > 125° F and high humidity.

Section 6 - Health Hazard Data

Route(s) of entry: Inhalation; Skin; Ingestion

Health hazards (acute and chronic): Immediate and acute
Eyes: May cause impairment of vision and corneal damage.
Skin: Can cause burns, swelling and scab formation.
Inhalation: Can result in permanent lung damage.
Ingestion: Will burn entire gastrointestinal tract, including stomach and may cause bleeding and ulceration.

Carcinogenicity: Not known to be by NTP, IARC or OSHA

Signs and symptoms of exposure: Irritation and/or burning of eyes. Severe irritation and redness of skin. Ingestion will cause nausea, vomiting and diarrhea. Inhalation causes irritation of nose, mouth, throat and lungs.

Medical conditions generally aggravated by exposure: Asthma respiratory and cardiovascular disease.

Emergency and first aid procedures: Move victim to fresh air.

Not breathing: Give artificial respiration
Difficult breathing: Give oxygen.

For skin and eyes: Flush with running water for at least 15 minutes.

Section 7 - Precautions for Safe Handling and Use

Steps to be taken in case material is released or spilled: Keep unnecessary people away; isolate hazard area and deny entry; stay up-wind; keep out of low areas; wear NIOSH/MSHA approved dust and chlorine respirator.

Water disposal method: Dispose of unused product in a manner approved for this material. Refer to label on container for instructions. Consult appropriate federal, state and local regulatory agencies.

Precautions to be taken in handling and storing: Keep cool, dry, undercover and storage area should be well ventilated.

Other precautions: Label all containers, prevent spills and keep containers sealed.

Section 8 - Control Measures

Respiratory protection: Wear NIOSH/MSHA approved chlorine cartridge with dust/mite prefilter.

Ventilation: Local exhaust; to minimize dust levels and chlorine gas.

Protective gloves: Neoprene or PVC

Eye protection: Chemical goggles

Other protective clothing or equipment: Boots and coveralls. Launder clothing frequently.

Work/hygienic practices: Keep floor swept. Wash hands frequently when working with this product.