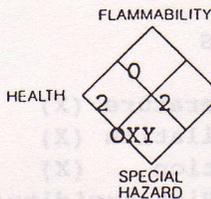




BioLab

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DEGREE OF HAZARD

- 4 = EXTREME
- 3 = HIGH
- 2 = MODERATE
- 1 = SLIGHT
- 0 = INSIGNIFICANT

Material Safety Data Sheet

CUSTOMER 230000050

F-0711

1. Identification

PRODUCT NAME: **BIOGUARD CLC Calcium Hypochlorite**

CHEMICAL NAME: Calcium Hypochlorite

FORMULA: Ca(OCl)₂

2. Hazardous Ingredients

%	TLV	CAS NO.
65	Not Est.	7778-54-3

Calcium Hypochlorite

SMART STICKS

3. Health Hazards

FIRST AID AND ACUTE HEALTH HAZARDS:

EYE CONTACT: Flush with water for at least 15 minutes. Hold eyelids apart to insure adequate rinsing. Call a physician at once.

SKIN CONTACT: Brush off excess and flush with water for 15 minutes. Call a physician. Wash all contaminated clothing before reuse.

FOR INGESTION: Immediately drink large quantities of water. DO NOT INDUCE VOMITING. Call a physician at once.

INHALATION: Remove victim to fresh air. Support respiration if needed. Contact a physician.

NOTE: Do not give anything by mouth to an unconscious person or if having convulsions.

CHRONIC/LONG TERM HAZARDS: None Known

CARCINOGENICITY: Not listed by I.A.R.C., O.S.H.A. or N.T.P.

4. Description And Physical Data

PHYSICAL FORM: Solid (X)

SOLUBILITY IN WATER: Insoluble ()

Liquid ()

Moderate ()

Gas ()

Complete (X)

APPEARANCE: White crystals; Strong chlorine odor pH (1%) = 10.5-11.5

5. Fire And Explosion Hazard Data

FLASH POINT: N/A

EXTINGUISHING MEDIA: Water (X) Carbon dioxide ()

Dry chemical () Not Applicable ()

SPECIAL FIRE FIGHTING PROCEDURES: Use a NIOSH/MSHA approved positive pressure self-contained breathing apparatus.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Fires can erupt and spread quickly. Use water spray to cool containers to prevent rupturing.

HAZARDOUS THERMAL DECOMPOSITION PRODUCTS: Oxygen gas, chlorine gas

6. Reactivity Data

HAZARDOUS	CONDITIONS	INCOMPATIBILITY
POLYMERIZATION:	TO AVOID:	(MATERIALS TO AVOID):
May Occur ()	High Temperature (X)	Strong Oxidants ()
Will Not Occur (X)	Poor Ventilation (X)	Alkali ()
	Contamination (X)	Moisture ()
	Moisture/High Humidity(X)	Acids (X)
		Solvents ()
		Other (X)*

*Ammonia, urea, ammonium salts, oxidizers, organic materials, corrosive liquids

7. Spill Or Leak Procedures

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Remove all sources of ignition. Ventilate spill area. Wear skin, eye, and respiratory protection during clean-up. Sweep up and place in CLEAN, DRY, plastic containers for disposal. Hold in a well-ventilated area. Do not seal containers tightly.

WASTE DISPOSAL METHOD: Transport to a permitted hazardous waste facility for proper disposal according to local, state, and federal regulations.

8. Special Protection Information

RESPIRATORY PROTECTION: If excessive dusting occurs, use a NIOSH/MSHA approved self-contained breathing apparatus. Engineering or administrative controls should be implemented to reduce exposure.

VENTILATION: Provide adequate mechanical (general and/or local exhaust) ventilation to maintain exposure below TLV(s).

EYE PROTECTION: Safety glasses with side shields are required when using this material.

SKIN PROTECTION: Rubber or vinyl gloves should be worn when handling this material. The use of a rubber or vinyl apron is recommended.

9. Special Precautions

Prevent skin and eye contact. Store in a cool, dry, well-ventilated area away from flammable, combustible, or other material capable of oxidation. Keep container tightly closed when not in use. KEEP OUT OF REACH OF CHILDREN.

This information is given without a warranty or representation. We do not assume any legal responsibility for same, nor do we give permission, inducement or recommendation to practice any patented invention without a license. It is offered solely for your consideration, investigation and verification. Before using any product, read the label.

For additional non-emergency information, contact: Wendy L. Hollingsworth, Regulatory Affairs Specialist

Date: 1-15-89

Supersedes: 5-12-87