

MATERIAL SAFETY DATA SHEET

Calcium Hypochlorite

SECTION 1 . Product and Company Identification

Product Name and Synonym: Calcium Hypochlorite
Product Code: C0811
Material Uses:
Manufacturer: Science Stuff
1104 Newport Ave
Austin, TX 78753
(512) 837-6020
Entry Date : 5/29/2013
Print Date: 5/29/2013
24 Hour Emergency Assistance : Chemtrec 800-424-9300
Canutec 613-996-6666

Health:	3
Flammability:	0
Reactivity:	2
Hazard Rating: Least Slight Moderate High Extreme 0 1 2 3 4 NA=Not Applicable NE=Not Established	

SECTION 2 HAZARD IDENTIFICATION

Heat, shock, friction, or contact with other materials may cause fire or explosion. Harmful if swallowed. Avoid breathing vapor or dust. Use adequate ventilation. Avoid contact with eyes, skin or clothes. Wash thoroughly after handling. Keep closed.

SECTION 3 MIXTURE COMPONENTS

SARA 313	Component	CAS Number	Percent Comp.	Dimension	Exposure Limits
<input type="checkbox"/>	Calcium Hypochlorite	CAS# 7778-54-3	100%	W/W	TXDS: LD• <input type="checkbox"/> Dermal Rabbit .1000 mg/Kg

SECTION 4 FIRST AID MEASURES

Heat, shock, friction, or contact with other materials may cause fire or explosion. Harmful if swallowed. Avoid breathing vapor or dust. Use adequate ventilation. Avoid contact with eyes, skin or clothes. Wash thoroughly after handling. Keep closed.

FIRST AID: CALL A PHYSICIAN. SKIN: In case of contact, immediately flush skin with water for at least 15 minutes while removing contaminated clothing and shoes. Thoroughly clean clothing and shoes before reuse.

EYES: Wash eyes with plenty of water for at least 15 minutes, lifting lids occasionally. Seek Medical Aid. INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen

INGESTION: Give several glasses of milk or water. Vomiting may occur spontaneously, but DO NOT INDUCE! Never give anything by mouth to an unconscious person.

SECTION 5 FIRE FIGHTING MEASURES

Fire Extinguisher Type: Water Only!
Fire / Explosion Hazards: Decomposes at 180 Deg. C, releasing oxygen gas; containers may rupture!

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Fire Fighting Procedure: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and clothing.

SECTION 6 ACCIDENTAL RELEASE MEASURES

Sweep up and place in suitable (fiberboard) containers for reclamation or later disposal.

SECTION 7 HANDLING AND STORAGE

Store in a cool dry well ventilated area. Keep away from heat and flame. Do not get in eyes, on skin, or on clothing.

SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Respiratory Protection: NIOSH/MSHA-approved respirator

Ventilation

Local Exhaust

Mechanical

Protective Gloves: Wear appropriate gloves to prevent skin exposure

Eye Protection: Splash Goggles

Other Protective Equipment: Wear appropriate clothing to prevent skin exposure

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Melting Point:	Information not available	Percent Volatile by Volume:	N/A
Boiling Point:	Decomposes at 180 Deg. C	Evaporation Rate	N/A
Vapor Pressure:	Information not available	Evaporation Standard	
Vapor Density:	Information not available	Auto Ignition Temp	Not applicable
Solubility in Water:	Soluble	Lower Flamm. Limit in Air	Not applicable
Appearance /Odors:	White powder, slight chlorine odor	Upper Flamm. Limit in Air	Not applicable
Flash Point:	N/N		
Specific Gravity:	N/A		

SECTION 10 STABILITY AND REACTIVITY INFORMATION

Stability:	Unstable
Conditions to Avoid:	Avoid contact with incompatible materials, and excessive heat
Materials to Avoid:	Organic compounds, reducing agents, combustible material
Hazardous Decomposition Products:	contact with acids or ammonia releases toxic fumes
Hazardous polymerization:	Will Not Occur
Conditions to Avoid:	None known

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SECTION 11	Toxicological Information
SECTION 12	Ecological Information
SECTION 13	Disposal Considerations
SECTION 14	Transport Information

DOT Classification: Calcium Hypochlorite, Dry, 5.1, UN1748, PG II

DOT Regulations may change from time to time. Please consult the most recent D.O.T. regulations.

SECTION 15	Regulatory Information
SECTION 16	Additional Information

Corrosive to the eyes, skin, respiratory and digestive tracts. May cause blindness. Contact with the skin may cause severe burns or tissue destruction. If swallowed, causes severe burns and can be fatal. Condition aggravated/target organs: Persons with pre-existing eye, skin and respiratory conditions may be more susceptible

Flammability

Health

Reactivity

Revisions

NFPA

0.1

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