

FREESTYLE(R) CALC HYPOCHLORITE

PRODUCT NAME : FREESTYLE(R) CALC HYPOCHLORITE
 PRODUCT CODE : 07394

Date: 25-APR-2005 15:43:51.32

100# PLASTIC

CAS #: 007778543

MSDS No. 000382

Revision No./Date 01 921230

Detail Number 00148/01

FORMULA: Ca(OCl)2

CHEM. FAMILY: bleaching agents (oxidizers)

CHEMICAL NAME AND SYNONYMS:

Calcium Hypochlorite 60% to 80%;
 FS Generic Chloro Shock; Freestyle Calc Hypochlorite;
 Pittchlor Calcium Hypochlorite; Pittabs Calcium Hypochlorite;
 PPG Calcium Hypochlorite; PPG Calcium Hypochlorite 70%;
 PPG N-200 Calc Hypochlorite; PPG N-101 Calc Hypochlorite;
 Pittabs Calc Hypochlorite; PPG Only 1 Calc Hypochlorite;
 Freestyle Calcium Hypochlorite; FS Calcium Hypochlorite;
 Freestyle Supershock Chlor; Pittchlor; Induchlor;
 Chlormor Giant Tabs; Chlormor 65; Clormor 65; Chloro Shock;
 Sustain Calc Hypochlorite; Induclor Calcium Hypochlorite;
 Norweco Bio-Sanitizer Tablets; Bio-Sanitizer;
 HTH Dry Chlorine Granular, HTH Dry Chlorine Tablets;
 HTH Calcium Hypochlorite, PPG Accu-Shock;

MSDS No. 000382 DETAIL No. 00148

SUPPLIERS NAME : Myers supply
 831 Third Street
 Hot Springs AR 71913

SUPPLIERS PHONE NUMBER : 501-623-7742

TRANSPORTATION EMERGENCY PHONE NUMBER : 1-888-627-8740

S.A.R.A. INFORMATION

HAZARDS : Acute
 PHYSICAL DATA : Mixture Solid

SECTION I HAZARDOUS INGREDIENTS

Ingredient Cas Number	MAX %	SARA			AIR CONTAMINANT LEVELS			
		APPLIES			TWA/TLV	STEL	CEIL	SKIN
	W/W	312	313	372	(ppm)	(ppm)	(ppm)	
AGENT								
Calcium Hypochlorite	75.0	Y	N	N	INDUSTRY RECOMMENDATION (PPG)			
Calcium Oxychloride (CAS # 7778-54-3)					STEL	2 mg/m3		

SECTION II HEALTH HAZARDS

POTENTIAL EFFECTS OF EXPOSURE

EYES

Eye contact with product may cause severe irritation burns
blindness

SKIN

Skin contact may cause severe irritation burns tissue
destruction

INHALATION

Inhalation may cause irritation coughing pain decreased breathing capacity excess
fluid
retention (pulmonary edema)

INGESTION

Ingestion may cause burns tissue destruction even
death

TARGET ORGANS

OVEREXPOSURE MAY CAUSE DAMAGE TO,
eyes respiratory system gastrointestinal tract kidneys
liver

FIRST AID

FIRST AID EYES

Immediately flush eyes with plenty of water for at least 15 minutes, while holding eyelids
apart
to ensure flushing of entire surface. Call a physician.

FIRST AID SKIN

Immediately flush skin with plenty of water for at least 15 minutes, while removing
contaminated
clothing and shoes. Thoroughly clean clothing and shoes before reuse. Call a
physician.

FIRST AID INHALATION

Remove to fresh air. If not breathing give artificial respiration, preferably mouth to
mouth.
If breathing is difficult give oxygen. Call a
physician.

FIRST AID INGESTION

DO NOT induce vomiting. Rinse mouth with water. Dilute stomach contents by drinking water.
If
vomiting occurs spontaneously, keep head below hips to prevent breathing vomit into lungs.
NEVER
GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. Call a physician
immediately.

OTHER INFORMATION

ROUTES OF ENTRY

eye contact skin contact inhalation
ingestion

CARCINOGEN STATUS

No components, present in excess of 0.1% by weight are listed as carcinogens by IARC, NTP,
or
OSHA.

SECTION III SPECIAL PROTECTION

PROTECTIVE EQUIPMENT

PROTECTIVE EQUIPMENT EYES

chemical goggles Do Not wear contact lenses when working with
chemicals.

PROTECTIVE EQUIPMENT SKIN

impervious gloves rubber apron rubber boots clean body covering
clothing

PROTECTIVE EQUIPMENT INHALATION

If exposure limits are exceeded, or if exposure may occur, use a NIOSH/MSHA respirator approved for your conditions of exposure. Refer to the most recent NIOSH publications concerning chemical hazards, or consult your safety equipment supplier. Respiratory protection programs must be in compliance with OSHA requirements in 29 CFR 1910.134. For emergencies, a NIOSH/MSHA approved positive pressure breathing apparatus should be readily available.

VENTILATION REQUIRED:

Adequate ventilation is required to minimize exposure or to maintain exposure levels below OSHA/ACGIH requirements. None normally required.

ADDITIONAL PROTECTIVE MEASURES

Safety shower, eye wash fountain, and washing facilities should be readily available.

SECTION IV FIRE & EXPLOSION HAZARD DATA

Flash Point (METHOD): > OR = N/A

Flammable Limits (% Volume in Air) UPPER: N/D Lower: N/D

HMIS Info Health : 2
Fire : 0
React : 2
Special : X

EXTINGUISHING MEDIA

water

FIRE FIGHTING PROCEDURES

Prevent human exposure to fire, fumes, smoke, and products of combustion. Evacuate non essential personnel. Firefighters should wear full face, self contained breathing apparatus and impervious protective clothing.

UNUSUAL FIRE & EXPLOSION HAZARDS

Product does not burn, but can provide oxygen which can intensify a fire. Intense heat may cause pressure buildup and rupture container. Product is an oxidizer. It may react vigorously with organics or other materials resulting in an explosion and fire.

SECTION V PHYSICAL DATA

Boiling Point: > OR = 356 deg. F

Freezing Point: N/D

Specific Gravity (H(2)O=1): > OR = 0.9800 @ 68 deg. F

Vapor Pressure (MM HG.): N/D

Vapor Density (AIR=1) : N/D

Evaporation Rate (NA =1): N/D

Solubility in Water: 17%

Percent Volatile by Volume: N/D
pH: aqueous approx. > OR = 8.000
Appearance:
SOLID - POWDER, CRYSTAL, FLAKE, GRANULE
TABLET, PRILL, BRIQUETTE, ETC.
Odor :
SHARP

SECTION VI REACTIVITY DATA

STABILITY

Unstable.

INCOMPATIBILITY

inorganic acids organic mixtures Avoid contact with strong reducing agents which include hydrogen, hydrazine, sulfides, sulfites, and nitrites. Product is an oxidizer. It may react vigorously with organics or other materials resulting in an explosion and fire.

CONDITIONS TO AVOID

Heat, heated surfaces, static electricity, electric arcs, sparks and flames.

HAZARDOUS POLYMERIZATION

Will not occur

SECTION VII SPILL AND LEAK PROCEDURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:

Sweep, shovel, or pick up and return to dry, clean container. Flush spill area with water.

In

Case Of Spills: Neutralize, contain, and dispose of in accordance with Federal, State and local regulations.

DISPOSAL METHOD

Material that cannot be used or chemically reprocessed should be disposed of at an approved facility in accordance with any applicable regulations under the Resource Conservation and Recovery Act. Dispose of material in accordance with all Federal, State and local regulations. Local regulations may be more stringent than Federal or State.

SECTION VIII

Proper Shipping Name: CALCIUM HYPOCHLORITE HYDRATED

Hazard Class: 5.1, UN2880, PGII

Label Requirements: OXIDIZER

Reportable Quantity: All shipments are reportable

SECTION IX ADDITIONAL INFORMATION

PRECAUTIONS

Do Not get in eyes, on skin, or clothing. Keep from contact with clothing or other combustible materials. Do not swallow.

HANDLING

Keep heat, lights, fire, and sparks away. ATTENTION: This container hazardous when emptied.

Since emptied container contains product residues (vapor or liquid), all labeled hazard

precautions must be observed.

STORAGE

Keep container closed when not in use. Store in a cool dry place. Keep out of reach of children.

SECTION X COMPLIANCE INFORMATION

TSCA INVENTORY STATUS :

Listed

NAME: GENE TURNER

DATE ISSUED: 921230

DATE REVISED: 921230

UNK = UNKNOWN

< = LESS THAN

N/A = NOT APPLICABLE

> = MORE THAN

N/D = NOT DETERMINED

N/E = NOT ESTABLISHED

The information provided in this Material Safety data sheet has been obtained from sources believed to be reliable. Harcros Chemicals Inc provides no warranties, either expressed or implied and assumes no responsibility for the accuracy or completeness of the data contained herein. This information is offered for your information, consideration, and investigation. You should satisfy yourself that you have all current data relevant to your particular use. Harcros Chemicals Inc knows of no medical condition, other than those noted on this material safety data sheet, which are generally recognized as being aggravated by exposure to this product.

For emergency assistance involving chemicals,
call CHEMTREC - (800) 424-9300