

Material Safety Data Sheet

Provided by:
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SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name CALCIUM HYPOCHLORITE INHIBITED
Synonyms CAL HYPO
Chemical Name CALCIUM HYPOCHLORITE
Emergency phone: 281-457-4888
Chemtrec: 800-424-9300

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SECTION 2 - COMPOSITION/INFORMATION ON INGREDIENTS

COMPONENTS	PERCENT	CAS NO.
CALCIUM HYDROXIDE	< 2%	1305-62-0
CALCIUM CARBONATE	< 2%	471-34-1
CALCIUM CHLORATE	< 2%	10137-74-3
CALCIUM HYPOCHLORITE	> 65%	7778-54-3

SECTION 3 - HAZARDS IDENTIFICATION

Potential Health Effects

ACGIH - TLV: NOT ESTABLISHED.
Eye Contact CAN CAUSE SEVERE IRRITATION AND POSSIBLE BURNS.
Skin Contact CAN CAUSE SEVERE IRRITATION AND POSSIBLE BURNS.
Ingestion CAN CAUSE SEVERE DAMAGE TO DIGESTIVE TRACT.
Inhalation MAY CAUSE SEVERE RESPIRATORY TRACT IRRITATION WITH POSSIBLE BURNS.
Carcinogenicity: *NTP* NO *IARC* NO *OSHA* NO

SECTION 4 - FIRST AID PROCEDURES

Eye Contact: IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES WHILE HOLDING EYELIDS OPEN. GET MEDICAL ATTENTION.
Skin Contact: IMMEDIATELY REMOVE CONTAMINATED CLOTHING OR SHOES, WIPE EXCESS FROM SKIN AND FLUSH WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. USE SOAP IF AVAILABLE OR FOLLOW BY WASHING WITH SOAP AND WATER. DO NOT REUSE CLOTHING UNTIL THOROUGHLY CLEANED. GET MEDICAL ATTENTION.
Inhalation: REMOVE VICTIM TO FRESH AIR AND PROVIDE OXYGEN IF BREATHING IS DIFFICULT. GIVE ARTIFICIAL RESPIRATION IF NOT BREATHING. GET MEDICAL ATTENTION.
Ingestion: DO NOT INDUCE VOMITING. RINSE MOUTH WITH WATER. IF CONSCIOUS, GIVE LARGE QUANTITIES OF WATER OR MILK AND GET IMMEDIATE MEDICAL ATTENTION. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON!

SECTION 5 - FIRE FIGHTING MEASURES

Flash Point (°F) NOT APPLICABLE
Extinguishing Media WATER ONLY.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

For Spill:

SWEEP UP ALL VISIBLE MATERIAL AND DISSOLVE IN WATER. DO NOT MIX WITH OTHER CHEMICALS. CONTAMINATION WITH MOISTURE, ACIDS, ORGANICS OR OTHER EASILY COMBUSTIBLE MATIERALS MAY CAUSE FIRE OR VIOLENT DECOMPOSITION.

SECTION 7 - HANDLING AND STORAGE

Keep container tightly closed when not in use. Store in a cool, dry, well-ventilated area, away from heat and incompatible materials. Protect containers from physical damage.

USE ONLY A CLEAN, DRY SCOOP MADE OF METAL OR PLASTIC EACH TIME PRODUCT IS TAKEN FROM CONTAINER. DO NOT ADD THIS PRODUCT TO ANY DISPENSING DEVICE CONTAINING REMNANTS OF ANY OTHER PRODUCT. SUCH USE MAY CAUSE VIOLENT REACTION LEADING TO FIRE OR EXPLOSION. ADD THIS PRODUCT ONLY TO WATER. MAY CAUSE FIRE OR EXPLOSION IF MIXED WITH OTHER CHEMICALS. FIRE MAY RESULT IF CONTAMINATED WITH ACIDS OR EASILY COMBUSTIBLE MATERIALS SUCH AS OIL, KEROSENE, GASOLINE, PAINT PRODUCTS AND MOST OTHER ORGANIC MATERIALS. DO NOT REUSE CONTAINER. DO NOT CONTAMINATE FOOD, WATER, OR FEED BY STORAGE OR DISPOSAL.

SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Respiratory Protection

USE A NIOSH/MSHA APPROVED RESPIRATOR FOLLOWING MANUFACTURER'S RECOMMENDATIONS WHERE DUST OR MIST MAY BE GENERATED.

Ventilation

LOCAL AND MECHANICAL RECOMMENDED.

Protective Gloves

CHEMICAL IMPERVIOUS GLOVES.

Eye/Face Protection

CHEMICAL SAFETY GOGGLES AND/OR FULL-FACE SHIELD.

Other Protection

CHEMICAL RESISTANT CLOTHING SUCH AS COVERALLS/APRON, BOOTS, ETC.

Work Practices

USE GOOD PERSONAL HYGIENE PRACTICES. WASH HANDS BEFORE EATING, DRINKING, SMOKING, OR USING TOILET FACILITIES. PROMPTLY REMOVE SOILED CLOTHING AND WASH THOROUGHLY BEFORE REUSE. SHOWER AFTER WORK USING PLENTY OF SOAP AND WATER.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point (°F):	Decompose @ 338-356	Vapor Pressure (mmHg):	NA
Freezing Point (°F):	NA	Vapor Density (Air=1):	NA
Solubility (H2O):	217 g/L	Specific Gravity (H2O=1):	NA
pH	9 - 11	Evaporation Rate:	NA
Appearance/Odor:	WHITE TABLETS OR POWDER WITH SLIGHT CHLORINE ODOR.		

SECTION 10 - STABILITY AND REACTIVITY

Chemical Stability:

YES

Incompatible Material:

EXCESSIVE HEAT, COMBUSTIBLE MATERIALS, ORGANICS, REDUCING AGENTS.

Hazardous Polymerization:

WILL NOT OCCUR.

Decomposition Products:

EXCESSIVE HEAT WILL CAUSE DECOM RESULTING IN THE RELEASE OF OXYGEN AND CHLORINE GAS. ACID OR AMMONIA CONTAMINATION WILL RELEASE TOXIC GASES.

SECTION 11 - TOXICITY INFORMATION

LD50 INHALATION (rat) = 3.5 mg/l showed slight to low toxicity
LD50 ORAL (rat) = 850 mg/kg showed moderate toxicity.

SECTION 12 - ECOLOGICAL INFORMATION

AQUATIC TOXICITY: LC50 = 0.088 MG/L/96HR/BLUEGILL

SECTION 13 - DISPOSAL CONSIDERATIONS

DISPOSE OF WASTE MATERIALS ACCORDING TO ALL FEDERAL, STATE AND LOCAL REGULATIONS.

SECTION 14 - TRANSPORT INFORMATION

USA DOT Shipping Name: CALCIUM HYPOCHLORITE, HYDRATED

Hazard Class: 5.1

UN/NA Number: UN2880

Packing Group: II

Subsidiary Hazard:

Marine Pollutant: NO

SECTION 15 - REGULATORY INFORMATION

CERCLA RQ (lbs): 10

SARA Title III Section 312:

Acute **Chronic** **Flammable** **Sudden Release of Pressure** **Reactive**

SARA Title III Section 313: No

SARA Extremely Hazardous Substance: No

HMIS HAZARD RATING

Health: 3 **Fire:** 0 **Reactivity:** 1

0 - Least 1 - Slight 2 - Moderate 3 - High 4 - Extreme

SECTION 16 - OTHER INFORMATION

EPA Pesticide Registration Number: NOT APPLICABLE

NSF Maximum Use Level for Potable Water (Standard 60): NOT APPLICABLE

TSCA (Toxic Substance Control Act), 40 CFR 710:

Sources of the raw materials used in this mixture assure that all chemical ingredients present are in compliance with Section 8(b) Chemical Substance Inventory, or are otherwise in compliance with TSCA.

DISCLAIMER

THE DATA PRESENTED IS TRUE AND CORRECT TO THE BEST OF OUR KNOWLEDGE AND BELIEF; HOWEVER, NEITHER SELLER NOR PREPARER MAKES ANY WARRANTIES, EXPRESSED OR IMPLIED, CONCERNING THE INFORMATION PRESENTED. THE USER IS CAUTIONED TO PERFORM HIS OWN HAZARD EVALUATION AND TO RELY UPON HIS OWN DETERMINATIONS.