

===== Product Identification =====

Product ID:CALCIUM HYPOCHLORITE

MSDS Date:07/21/1987

FSC:6810

NIIN:00-238-8115

MSDS Number: BDMBY

=== Responsible Party ===

Company Name:CHEMICAL COMMODITIES AGENCY, INC.

Address:27447 PACIFIC STREET

City:HIGHLAND

State:CA

ZIP:92346-2699

Emergency Phone Num:203-356-2345

CAGE:60777

=== Contractor Identification ===

Company Name:CHEMICAL COMMODITIES AGENCY, INC.

Address:27447 PACIFIC STREET

Box:City:HIGHLAND

State:CA

ZIP:92346-2640

Country:US

Phone:909-864-2310

CAGE:60777

===== Composition/Information on Ingredients =====

Ingred Name:CALCIUM HYPOCHLORITE

CAS:22464-76-2

RTECS #:NH3485500

Fraction by Wt: 65%

===== Hazards Identification =====

LD50 LC50 Mixture:LD50 = 850 MG/KG (RAT)

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Health Hazards Acute and Chronic:INHALE:DUST IS EXTREMELY CORROSIVE TO

THE ENTIRE RESPIRATORY TRACT; & VERY CORROSIVE TO THE EYES & SKIN

ON CONTACT; IF INGESTED:CORROSIVE TO THE MOUTH & THROAT.

Effects of Overexposure:MAY PRODUCE SEVERE CHEMICAL BURNS. DO NOT ALLOW CONTACT WITH EYES,SKIN,MUCOUS MEMBRANES OR CLOTHING.

===== First Aid Measures =====

First Aid:INH:REMOVE TO FRESH AIR,GIVE ARTIFICIAL RESPIRATION IF NOT BREATHING; EYE:FLUSH EYES WITH LOTS OF WATER,LIFTING UPPER & LOWER EYEL

IDS OCCASIONALLY; SKIN:FLUSH WITH LOTS OF RUNNING WATER FOR 15 MINUTES ,REMOVE CONTAMINATED CLOTHING & SHOES,WASH BEFORE REUSE; ING:DO NOT INDUCE VOMITING,IF CONSCIOUS,GIVE LOTS OF WATER OR MILK.DO NOT GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS OR CONVULSING PERSON.

===== Fire Fighting Measures =====

Extinguishing Media:WATER, PREFERRABLY SPRAY

Fire Fighting Procedures:DRENCH WITH WATER & COOL THE SURROUNDING DRUMS & AREA W/H\*20

Unusual Fire/

Explosion Hazard:HTH IS NOT A COMBUSTIBLE

MATERIAL.CONTAMINATION OR MIXING WITH ANY FOREIGN MATL RESULT IN FIRE.

===== Accidental Release Measures =====

Spill Release Procedures:WEAR NECESSARY PROTECTION (SEE RESPIRATOR PROTECTION), SWEEP UP & PUT IN DOT-APPROVED WASTE CONTAINERS.

===== Handling and Storage =====

Handling and Storage Precautions:MIX ONLY W/WATER.HTH IS A POWERFUL OXIDANT.KEEP AWAY FROM COMBUSTIBLE

ORGANIC MATERIAL.DO NOT

CONTAMINATE WITH ANY FOREIGN MATERIAL.STORE IN DRY AREA.

Other Precautions:USE ONLY A CLEAN, DRY CONTAINER TO MEASURE OR CARRY HTH DRY CHLORINE.DO NOT DROP,ROLL OR SKID CONTAINER.DO NOT TAKE INTERNALLY.AVOID CONTACT W/EYES,SKIN,MUCOUS MEMBRANES OR CLOTHING.AVOID FLAM

===== Exposure Controls/Personal Protection =====

Respiratory Protection:WHEN CONDITIONS GENERATING DUST,WEAR A NIOSH-APPROVED FULL-FACEPIECE OR A HALF-MASK AIR-PURIFYING

CARTRIDGE RESPIRATOR WITH PARTICULATE FILTERS/ACID GASES.

Ventilation:LOCAL EXHAUST.

Protective Gloves:NEOPRENE CHEM.

Eye Protection:SAFETY GLASSES

Other Protective Equipment:PROTECTIVE OUTERWEAR.

Supplemental Safety and Health

===== Physical/Chemical Properties =====

HCC:D1

Melt/Freeze Pt:M.P/F.P Text:662F/350C

Spec Gravity:2.35

Solubility in Water:21%

Appearance and Odor:FREE-FLOWING,WHITE,GRANULAR,SLIGHT CHLORINOUS ODOR

===== Stability and R

Stability Data =====

Stability Indicator/Materials to Avoid: YES

HOUSEHOLD SOAP, PAINT PRODUCTS, SOLVENTS, ACIDS, VINEGAR, BEVERAGES.

Stability Condition to Avoid: WHEN HEATED ABOVE 350°F IT DECOMPOSES  
RAPIDLY W/O<sub>2</sub> & HEAT.

Hazardous Decomposition Products: DECOMPOSES RAPIDLY W/CHEMICAL FUMING  
DURING EVOLUTION OF O<sub>2</sub>.

===== Disposal Considerations =====

Waste Disposal Methods: ADD HTH TO LARGE VOLUME OF WATER, THEN DISPOSE  
OF SOLUTION TO WASTE. DISPOSAL IS DONE IN ACCORDANCE WITH LOCAL,  
STATE, & FEDERAL REGULATIONS.

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