

CALCIUM HYPOCHLORITE

MSDS Number

BDMBY

National Stock Number

6810-00-238-8115

Product Name

CALCIUM HYPOCHLORITE

Manufacturer

CHEMICAL COMMODITIES AGENCY INC

Product Identification

Product ID:CALCIUM HYPOCHLORITE

MSDS Date:07/21/1987

FSC:6810

NIIN:00-238-8115

MSDS Number: BDMBY

Responsible Party

CHEMICAL COMMODITIES AGENCY, INC.

27447 PACIFIC STREET

HIGHLAND , CA 92346-2699

Emergency Phone: 203-356-2345

Cage: 60777

Contractor

CHEMICAL COMMODITIES AGENCY, INC.

HIGHLAND, CA 92346-2640

US

909-864-2310

Cage: 60777

Ingredients

CALCIUM HYPOCHLORITE

CAS: 22464-76-2

RTECS: NH3485500

Fraction By Weight: 65 - 75%

Hazards

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

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

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

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

Handling

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

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

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

Stability Indicator/Materials to Avoid:YES

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

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

Hazardous Decomposition Products:DECOMPES RAPIDLY W/CHEMICAL FUMING DURING EVOLUTION OF O*2.

Disposal

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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