

POOLCHEM, INC -- CALCIUM HYPOCHLORITE, TECHNICAL -- 6810-00-242-4770

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

Product ID:CALCIUM HYPOCHLORITE, TECHNICAL

MSDS Date:12/01/1990

FSC:6810

NIIN:00-242-4770

MSDS Number: BQSDD

=== Responsible Party ===

Company Name:POOLCHEM, INC

Address:225 PASSAIC STREET

City:PASSAIC

State:NJ

ZIP:07055

Country:US

Info Phone Num:201-473-8600

Emergency Phone Num:201-473-8600

CA

GE:POOLC

=== Contractor Identification ===

Company Name:POOLCHEM, INC

Address:225 PASSAIC STREET

City:PASSAIC

State:NJ

ZIP:07055

Country:US

Phone:201-473-8600

CAGE:POOLC

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

Ingred Name:CALCIUM HYPOCHLORITE (SARA III) (CORROSIVE)

CAS:7778-54-3

RTECS #:NH3485000

Other REC Limits:AS CHLORINE

OSHA PEL:1 PPM

ACGIH TLV:1 PPM

EPA Rpt Qty:10 LBS

DOT Rpt Qty:10 LBS

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

L

D50 LC50 Mixture:RAT ORAL: 1300 MG/KG./INHAL 148 MG/L

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

Health Hazards Acute and Chronic:ACUTE: CORROSIVE TO ALL TISSUE

CONTACTED. DECREASED APPETITE AND ACTIVITY WITH LARGE ORAL DOSES.
HARMFUL OR FATAL IF SWALLOWED. CHRONIC: NONE KNOWN THAN
THOSE SECONDARY TO ACUTE EFFECTS.

Effects of Overexposure:EYE & SKIN: SEVERE IRRITATION, BURNING, EYE
TEARING, EYE DAMAGE. INHALATION: COUGHING, DIFFICULTY BREATHING.
IRRITATIO

N OF NOSE & THROAT. MAY CAUSE PULMONARY EDEMA. INGESTION:
BURNING TO MOUTH, THROAT . ABDOMINAL CRAMPS, NAUSEA. MAY LEAD
TO CONVULSIONS, COMA & DEATH.

Medical Cond Aggravated by Exposure:PERSONS WITH PRE-EXISTING EYE, SKIN
AND RESPIRATORY DISORDERS MAY BE SUSCEPTIBLE TO AGGRAVATION DUE TO
NATURE OF PRODUCT.

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

First Aid:EYES & SKIN: FLUSH WITH WATER THOROUGHLY FOR 15 MINUTES. CALL
PHYSICIAN IMMEDIATELY. INHALATION: MOVE TO FRESH AIR. CALL
PHYSICIAN IMMEDIATELY. AID BREATHING IF NECESSARY. INGESTION: CALL
PHYSICIAN IMMEDIATELY. IF CONSCIOUS, RINSE MOUTH WITH WATER. GIVE
LARGE QUANTITIES OF WATER TO DRINK. DO NOT INDUCE VOMITING.

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

Extinguishing Media:NOT COMBUSTIBLE BUT MAY IGNITE COMBUST MAT'L OR
ORGANIC MATTER UPON CONTACT. FLOOD W/WATER TO KEEP FIRE-EXPOSED
CONTAINER COOL

Fire Fighting Procedures:NIOSH APPROVED SCBA
RECOMMENDED. FIRES CAN
SPREAD RAPIDLY. DRUMS MAY RUPTURE EXPLOSIVELY IF CONTAMINATED OR
EXPOSED TO HEAT. MAT'L IS POWERFUL OXIDIZER.

Unusual Fire/Explosion Hazard:W/ACIDS,CHLORINE(AMBIENT TEMP). ON
COMBUST,& W/DECOMP,OXYGEN(HIGHER TEMP). IGNITES COMBUST MAT'L
&STRONG REDUCING AGENTS. MAY EVOLVE HEAT, CAUSE SPREADING FIRE.

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

Spill Release Procedures:REMOVE IGNIT SOURCE.WEAR SCBA,PROTECT
GEAR.DONT ALLOW TO ENTE

R SEWERS/WATERWAYS.HARMFUL TO AQUATIC LIFE.NOTIFY POLLUTN AUTHORITY.CLEAN UP IN WAY TO REDUCE CONTAM W/ORGANIC MAT'L.PLACE IN CNTNR-OUTSIDE (WELL VENTED).DONT SEAL CNTNR.NEUTRALIZE MAT'L.

Neutralizing Agent:HYDROGEN PEROXIDE, SODIUM BISULFITE, OR SODIUM SULFITE.

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

Handling and Storage Precautions:STORE IN COOL, DRY VENTED AREA FROM HEAT, & REACTIVE MAT'L. WEAR PROTECT GEAR WHEN HANDLING-MINIMIZE CONTACT.

KEEP OUT OF REACH OF CHILDREN.

Other Precautions:STRONG OXIDIZER. CONTACT W/OTHER MAT'L MAY CAUSE FIRE/EXPLOSN. DONT STORE NEAR COMBUST MAT'L. DONT MIX W/ANYTHING BUT WATER. COVER AFTER USE. PRODUCT MAY PRODUCE SEVERE CHEM BURNS. DONT ALLOW CONTACT W/SKIN, EYES, CLOTHING, MUCOUS MEMBRANE.

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

Respiratory Protection:WEAR NIOSH/MSHA APPROVED CHLORINE GAS/DUST RESPIRATOR IF EXCESSIVE DUSTING OCCURS.

Ventilation:LOCAL

EXHAUST ADEQUATE. SPECIAL: IF PERMISSIBLE LIMITS ARE EXCEEDED, ADDITIONAL. OTHER: VENTILATION/EXHAUST IS NECESSARY

Protective Gloves:RUBBER, NEOPRENE, PVC

Eye Protection:NO CONTACT LENSES. CHEM SAFETY GOGGLES

Other Protective Equipment:EYE WASH & SAFETY SHOWER IN WORK/STORAGE AREAS. UNIFORM OR COVERALLS, & BOOTS AS NECESSARY TO MINIMIZE CONTACT W/PRODUCT

Work Hygienic Practices:REMOVE CONTAMINATED CLOTHING & WASH BEFORE REUSE. WASH WELL AFTER USE AND OBSERVE GOOD PERSONAL HYGIEN E.

Supplemental Safety and Health

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

HCC:D1

Melt/Freeze Pt:M.P/F.P Text:DECOMPOSES

Spec Gravity:BULK 0.95 G/ML

pH:11 @1%

Solubility in Water:APPRECIABLE

Appearance and Odor:WHITE FREE FLOWING GRANULAR SOLID WITH CHLORINOUS ODOR

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===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

SOAPS, SOLVENTS, ACIDS, COMBUSTIBLES, ORGANICS, OTHER POOL CHEMICALS

Stability Conditio

n to Avoid:STABLE UP TO 180 C.

Hazardous Decomposition Products:CHLORINE (BY REACTION WITH ACIDS);
OXYGEN (BY HEATING)

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

Waste Disposal Methods:DISPOSE OF BY NEUTRALIZING. CONSULT LOCAL,
STATE, & FEDERAL REGULATIONS. DISPOSE OF MAT'L BY DISSOLVING IN
LARGE AMOUNTS WATER IN SMALL AMOUNTS PRODUCT. CHECK PPM (