

OLIN CORP CHEMICALS GROUP -- CPE00201M CALCIUM HYPOCHLORITE SANITIZER
GRANULAR-60 -- 6810-00-255-0471

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

Product ID:CPE00201M CALCIUM HYPOCHLORITE SANITIZER GRANULAR-60

MSDS Date:08/15/1995

FSC:6810

NIIN:00-255-0471

MSDS Number: CFVVZ

=== Responsible Party ===

Company Name:OLIN CORP CHEMICALS GROUP

Address:120 LONG RIDGE RD

City:STAMFORD

State:CT

ZIP:06904

Country:

US

Info Phone Num:203-356-3449

Emergency Phone Num:203-356-3449,CHEMTREC 800-242-9300

CAGE:53084

=== Contractor Identification ===

Company Name:LOS ANGELES CHEMICAL CO

Address:4545 ARDINE ST

Box:1987

City:SOUTH GATE

State:CA

ZIP:90280

Country:US

Phone:213-562-9500

CAGE:75656

Company Name:OLIN CORP CHEMICALS GROUP

Address:120 LONG RIDGE RD

City:STAMFORD

State:CT

ZIP:06904

Country:US

Phone:203-356-3449,CHEMTREC 800-242-9300

CAGE:53084

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

=====

Ingred Name:CALCIUM HYPOCHLORITE (CERCLA)
CAS:7778-54-3
RTECS #:NH3485000
Fraction by Wt: 60-70%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:0.5 PPM (CL)
ACGIH TLV:0.5PPM/1STEL(CL)9596
EPA Rpt Qty:10 LBS
DOT Rpt Qty:10 LBS

Ingred Name:SODIUM CHLORIDE
CAS:7647-14-5
RTECS #:VZ4725000
Fraction by Wt: 10-20%
Other REC Limits:NONE RECOMMENDED

Ingred Name:CALCIUM CHLORATE
CAS:10137-74-3
RTECS #:FN9800000
Fraction by Wt: 0-5%
Other REC Limits:NONE RECOMMENDED

Ingred Name:CALCIUM CHLORIDE
CAS:
10043-52-4
RTECS #:EV9800000
Fraction by Wt: 0-5%
Other REC Limits:NONE RECOMMENDED

Ingred Name:CALCIUM HYDROXIDE
CAS:1305-62-0
RTECS #:EW2800000
Fraction by Wt: 0-4%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:15 MG/M3 TDUST
ACGIH TLV:5 MG/M3; 9596

Ingred Name:CALCIUM CARBONATE
CAS:471-34-1
RTECS #:FF9335000
Fraction by Wt: 0-4%
Other REC Limits:NONE RECOMMENDED

Ingred Name:WATER
CAS:7732-18-5
RTECS #:ZC0110000
Fraction by Wt: 5.5-10%
Other REC Limits:NONE RECOMMENDED

=====

Hazards Identification =====

LD50 LC50 Mixture:ORAL LD50 RAT: 850MG/KG

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

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:HARMFUL IF INHAL/INGEST.HARMFUL IF EXPO TO SKIN/EYES.PRODUCT HAS POTENTIAL TO BE IMMEDIATELY DANGEROUS TO LIFE/HEALTH.INHAL:IRRIT NOSE/MOUTH/THROAT/LUNGS,BURNS RESPIRATORY TRACT,LUNG EDEMA.INHAL HI CONCEN PERM LUNG G DMG.EYE:SEVERE IRRITATION,CORNEAL DMG.SKIN:SEVERE IRRITATION &/OR BURNS,PROLONGED EXPOSURE (SIGNS/SYMPTOMS)

Explanation of Carcinogenicity:PER MSDS:PRODUCT NOT KNOWN OR REPORTED TO BE CARCINOGENIC BY ANY REFERENCE SOURCE INCLUDING IARC/OSHA/NTP/EPA.

Effects of Overexposure:HEALTH:CAUSE DESTRUCTION OF DERMIS WITH IMPAIRMENT OF SKIN @CONTACT SITE TO REGENERATE.INGEST:IRRITATION &/OR BURNS ENTIRE GASTROINTESTINAL TRACT INCLUDE STOMACH,INTESTINES. INHAL:SHORTNESS OF BREATH,WHEEZING,CHOKING,CHEST PAIN,IMPAIRED LUNG FUNCTION,PERMANENT LUNG DAMAGE.SKIN:REDNESS,SWELLING,SCAB FORMATION.INGEST:NAUSEA,VOMITING,DIARRHEA,ABDOMINAL PAIN,BLEEDING &/OR TISSUE ULCER

Medical Conditions Aggravated by Exposure:ASTHMA,RESPIRATORY AND CARDIOVASCULAR DISEASE.

First Aid Measures

First Aid:EYE:IMMEDIATELY FLUSH WITH LARGE AMOUNTS OF WATER FOR AT LEAST 15 MINUTES LIFTING UPPER/LOWER EYELIDS.CALL DRUG @ONCE.SKIN:IMMEDIATELY FLUSH WITH WATER FOR AT LEAST 15 MINUTES.CALL DRUG.PROD CONTACT CLOTHS REMOVE IMMEDIATELY.INGEST:IMMEDIATELY DRINK LARGE QUANT OF WATER.DONT INDUCE VOMITING.CALL DRUG @ONCE.DONT GIVE ANYTHING BY MOUTH IF UNCONSCIOUS/CONVULSING.INHAL:REMOVE TO FRESH AIR.SUPPORT RESPIRATION IF NEEDED.CALL DRUG.

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

Autoignition Temp:Autoignition Temp Text:NP
Lower Limits:NA
Upper Limits:NA
Extinguishing Media:NOT APPLICABLE.DO NOT USE DRY EXTINGUISHERS CONTAINING AMMONIUM COMPOUNDS.
Fire Fighting Procedures:USE WATER TO COOL CONTAINERS EXPOSED TO FIRE.
Unusual Fire/Explosion Hazard:WARNING!OXIDIZER.OLIN CALCI

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

Autoignition Temp:Autoignition Temp Text:NP
Lower Limits:NA
Upper Limits:NA
Extinguishing Media:NOT APPLICABLE.DO NOT USE DRY EXTINGUISHERS CONTAINING AMMONIUM COMPOUNDS.
Fire Fighting Procedures:USE WATER TO COOL CONTAINERS EXPOSED TO FIRE.
Unusual Fire/Explosion Hazard:WARNING!OXIDIZER.OLIN CALCI

UM

HYPOCHLORITE PRODUCTS MEET SPECS OF ASTM METHOD E-467-74 AS SET FORTH IN 48CFR173.21 TITLE 49 CFR.

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

Spill Release Procedures:ALL TRANSPO ACCIDENTS CALL 800-424-9300(CHEMTREC).RQ:O10LBS AS CALCIUM HYPOCHLORITE.HAZ CONCEN IN AIR MAY BE FOUND IN LOC SPILL AREA/IMMED DOWNWIND.REMOVE ALL IGN SOURCE.STOP SPILL ASAP.NOTIFY APPRO P ERSONS.
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:DONT TAKE INTERNALLY.AVOID EYE/SKIN/CLOTH CONTACT.UPON CONTCT W/SKIN/EYES WASH OFF W/H2O.KEEP TIGHTLY SEALED.STORE IN COOL DRY WELL-VENTI AREA.
Other Precautions:DONT STORE @TEMPS >52C(125F).SHELF LIFE:APPROX 2YRS @TEMPS 125F, HIGH HUMIDITY.
Hazardous Decomposition Products:CHLORINE GAS.

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

Waste Disposal Methods:HMIS:DISPOSE IAW LOCAL, STATE AND FEDERAL REGULATIONS.MATL OXIDIZER.

Disclaimer (provided with this information by the compiling agencies):
This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.