

VAN WATERS AND ROGERS -- CALCIUM HYPOCHLORITE TECHNICAL -- 6810-00-255-0471

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Product Identification
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Product ID:CALCIUM HYPOCHLORITE TECHNICAL

MSDS Date:01/01/1992

FSC:6810

NIIN:00-255-0471

MSDS Number: BKKJM

=== Responsible Party ===

Company Name:VAN WATERS AND ROGERS

Address:2256 JUNCTION AVE

City:SAN JOSE

State:CA

ZIP:95131

Country:US

Info Phone Num:408-435-8700

Emergency Phone Num:4

08-435-8700/800-424-9300(CHEMTREC)

Preparer's Name:C. A. EISENHARD

CAGE:87664

=== 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

Company Name:VAN WATERS AND ROGERS INC., UNIVAR CORP.

Address:1600 NORTON BLDG. 801 2ND AVENUE

Box:City:SEATTLE

State:WA

ZIP:98104-1564

Country:US

Phone:206-447-5911/800-424-9300(CHEMTREC)

CAGE:87664

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Composition/I

Information on Ingredients =====

Ingred Name:CALCIUM HYPOCHLORITE
CAS:22464-76-2
RTECS #:NH3485500
Fraction by Wt: 65-75%
Other REC Limits:NONE SPECIFIED

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

Ingred Name:WATER
CAS:7732-18-5
RTECS #:ZC0110000
Fraction by Wt: 0-10%
Other REC Limits:NONE SPECIFIED

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

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

Ingred Name:CALCIUM HYDROXIDE
CAS:1305-62-0
RTECS #:EW2800000
Fraction by Wt: 0 - 4%
Other REC Limits:NONE SPECIFIED
OSHA PEL:15 MG/M3 TDUST
ACGIH TLV:5 MG/M3; 9293

Ingred Name:CALCIUM CARBONATE
CAS:471-34-1
RTECS #:FF9335000
Fraction by Wt: 0 - 4%
Other REC Limits:NONE SPECIFIED
OSHA PEL:15 MG/M3 TDUST (MFR)
ACGIH TLV:10 MG/M3 TDUST (MFR)

===== Hazards Id

entification =====

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

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

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

Health Hazards Acute and Chronic:ACUTE:EYES:SEVERE IRRITATION.MAY CAUSE BURNS,CORNEAL DAMAGE.SKIN:CAN CAUSE SEVERE IRRITATION & BURNS.INHALATION: IRRITATES NOSE, MOUTH, THROAT, LUNGS.IT MAY BURN RESPIRATORY TRACT.INGESTION: IRRITATION & BURNS CAN OCCUR TO THE ENTIRE GASTROINTESTINAL TRACT.CHRO

NIC- SKIN:TISSUE

DESTRUCTION.INHALATION:PERMANENT LUNG DAMAGE.

Explanation of Carcinogenicity:DATA PER MGF MSDS.

Effects of Overexposure:INHALATION:SHORTNESS OF BREATH,WHEEZING, CHOCKING,CHEST PAIN.HIGH CONCENTRATIONS CAN RESULT IN PERMANENT LUNG DAMAGE.EYE:CONTACT MAY CAUSE IMPAIRMENT OF VISION AND CORNEAL DAMAGE.SKIN: REDNESS,SWELLIN G, AND SCAB FORMATION.INGESTION:NAUSEA,VOMITING,DIARRHEA, ABDOMINAL PAIN,BLEEDING,AND/OR TISSUE ULCERATION.

Medical Cond Aggravated by Exp
osure:ASTHMA, RESPIRATORY AND
CARDIOVASCULAR DISEASES.

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

First Aid:EYES/SKIN:IMMEDIATELY FLUSH WITH WATER FOR 15 MINUTES. OCCASIONALLY, LIFT THE UPPER AND LOWER EYELIDS. INHALATION: REMOVE TO FRESH AIR; SUPPORT RESPIRATION IF NEEDED. INGESTION:IMMEDIATELY DRINK LARGE QUANTITIES OF WATER. DO NOT INDUCE VOMITING. DO NOT GIVE ANYTHING BY MOUTH IF THE PERSON IS UNCONSCIOUS OR IF HAVING CONVULSIONS. IN ALL C
ASES, SEEK MEDICAL HELP.

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

Extinguishing Media:USE WATER

Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A FULL FACED SELF CONTAINED BREATHING APPARATUS. EVACUATE AREA. COOL FIRE EXPOSED CONTAINERS WITH WATER SPRAY.

Unusual Fire/Explosion Hazard:COMBUSTION OR HEAT OF FIRE MAY PRODUCE HAZARDOUS DECOMPOSITION PRODUCTS AND VAPORS.

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

Spill Release Procedures:USE PROPER PERSONAL PROTECTION. CONTAINERIZE ALL MATERIAL IN A CLEAN DRY CONTAINER. REMOVE TO A WELL VENTILATED AREA. SEAL CONTAINER TIGHTLY. CONTAMINATED SPILL MATERIAL MAY BECOME A HAZARDOUS WASTE.

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

Handling and Storage Precautions:STORE IN COOL, DRY AND WELL VENTILATED AREA. KEEP CONTAINER TIGHTLY CLOSED. DO NOT STORE AT TEMPERATURES ABOVE 125F.

Other Precautions:DO NOT TAKE INTERNALLY. AVOID CONTACT WITH EYES, SKIN OR CLOTHING. UPON CONTACT, WASH OFF WITH WATER.

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

Respiratory Protection:USE NIOSH/MSHA APPROVED RESPIRATOR FOR DUST/MIST IF ABOVE PEL/TLV OR SCBA IN AN ENCLOSED AREA.

Ventilation:USE LOCAL EXHAUST VENTILATION TO MINIMIZE DUST AND CHLORINE LEVELS.

Protective Gloves:NEOPRENE OR PVC

Eye Protection:SAFETY GLASSES/GOGGLES

Other Protective Equipment:PROTECTIVE CLOTHING, EYE-WASH FACILITIES, SAFETY SHOWER.

Work Hygienic Practices:WORK IN A WELL VENTILATED AREA.

Supplemental Safety and Health

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

HCC:D1

Melt/Freeze Pt:M.P/F.P Text:351F,177C

Spec Gravity:2.35

Solubility in Water:21%

Appearance and Odor:WHITE GRANULES, CHLORINE ODOR

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

Stability Indicator/Materials to Avoid:YES

SOLVENTS, ACIDS, ORGANIC MATERIALS

Stability Condition to Avoid:HI

GH HEAT

Hazardous Decomposition Products:CHLORINE GAS

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

Waste Disposal Methods:IT HAS EPA HAZARDOUS WASTE NUMBER D001. CONSULT LOCAL AUTHORITIES;DISPOSAL MUST BE IN ACCORDANCE WITH LOCAL,STATE AND FEDERAL REGULATIONS

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