

SPECTRUM CHEMICAL MANUFACTURING CORP. -- CALCIUM HYDROXIDE -- 6810-01-039-2020

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Product Identification
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Product ID:CALCIUM HYDROXIDE

MSDS Date:04/10/1991

FSC:6810

NIIN:01-039-2020

MSDS Number: BMQLK

=== Responsible Party ===

Company Name:SPECTRUM CHEMICAL MANUFACTURING CORP.

Address:14422 SOUTH SAN PEDRO STREET

City:GARDENA

State:CA

ZIP:90248-2027

Country:US

Info Phone Num:213-516-800

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Emergency Phone Num:213-516-8000

CAGE:63415

=== Contractor Identification ===

Company Name:SPECTRUM LABORATORY PRODUCTS INC

Address:14422 S SAN PEDRO ST

Box:City:GARDENA

State:CA

ZIP:90248-2027

Country:US

Phone:310-516-8000/FAX: 310-516-9843

CAGE:63415

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Composition/Information on Ingredients
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Ingred Name:CALCIUM HYDROXIDE

CAS:1305-62-0

RTECS #:EW2800000

Fraction by Wt: 100%

Other REC Limits:NONE SPECIFIED

OSHA PEL:15 MG/M3 TDUST

ACGIH TLV:5 MG/M3; 9293

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===== **Hazards Identification**=====

LD50 LC50 Mixture:ORAL RAT LD50: 7340 MG/KG

Routes of Entry: Inhalation:NO Skin:NO Ingestion:YES

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

Health Hazards Acute and Chronic:ACUTE: INHALATION-IRRITATION OF RESPIRATORY TRACT, BURNS TO MUCOUS MEMBRANES. EYES- IRRITATION, BURNS. SKIN- IRRITATION, BURNS. INGESTION- ABDOMINAL PAIN, STOMACH DISTRESS, IRRITATION OF GI TRACT. CHRONIC: ULCERS OF MUCOUS MEMBRANES, CONJUNCTIVITIS, AND DERMATITIS.

Explanation of Carcinogenicity:THIS COMPOUND CONTAINS NO INGREDIENTS AT CONCENTRATIONS OF 0.1% OR GREATER THAT ARE CARCINOGENS OR SUSPECT CARCINOGENS.

Effects of Overexposure:INHALATION: COUGHING, WHEEZING, SHORTNESS OF BREATH, CHEST PAIN. EYES: PAIN, REDNESS, BURNS, TEARING. SKIN: REDNESS, RASH, BURNS, BROWN STAINS. INGESTION: SEVERE STOMACH PAIN, NAUSEA, VOMITING, DIARRHEA, SHALLOW RESPIRATION, CLAMMY SKIN.

Medical Conditions Aggravated by Exposure:PERSONS WITH A HISTORY OF AILMENTS OR WITH A PRE-EXISTING DISEASE INVOLVING THE SKIN MAY BE AT INCREASED RISK FROM EXPOSURE.

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

First Aid:EYES: FLUSH WITH RUNNING WATER FOR 15 MINUTES WHILE HOLDING EYELIDS OPEN. GET MEDICAL ATTENTION IMMEDIATELY. SKIN: WASH WITH SOAP AND WATER. REMOVE CONTAMINATED CLOTHING. GET MEDICAL ADVICE. INHALATION: REMOVE TO FRESH AIR. GIVE MOUTH-TO-MOUTH RESUSCITATION IF NOT BREATHING. GET MEDICAL ATTENTION. INGESTION: INDUCE VOMITING OF CONSCIOUS VICTIM AFTER GIVING WATER OR MILK. GET MEDICAL ATTENTION.

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

Flash Point:NONE

Extinguishing Media:USE MEDIA APPROPRIATE FOR SURROUNDING FIRE.

Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A FULL FACED SELF CONTAINED BREATHING APPARATUS.

Unusual Fire/Explosion Hazard:COMBUSTION OR HEAT OF FIRE MAY PRODUCE HAZARDOUS DECOMPOSITION

TION PRODUCTS AND VAPORS.

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

Spill Release Procedures: ISOLATE AREA. SCOOP UP INTO CONTAINER FOR LATER DISPOSAL. WEAR PROPER PROTECTIVE CLOTHING.

Neutralizing Agent: 5 % ACETIC ACID SOLUTION.

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

Handling and Storage Precautions: STORE IN A COOL, DRY PLACE. KEEP CONTAINERS CLOSED WHEN MATERIAL IS NOT IN USE. AVOID PROLONGED OR REPEATED CONTACT.

Other Precautions: STORE AWAY FROM INCOMPATIBLES.

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

Respiratory Protection: WEAR A NIOSH/MSHA APPROVED CHEMICAL CARTRIDGE RESPIRATOR WITH FULL FACEPIECE AND DUST/MIST CARTRIDGES.

Ventilation: LOCAL AND MECHANICAL (GENERAL) EXHAUST TO PROVIDE ADEQUATE VENTILATION.

Protective Gloves: NEOPRENE OR PVC RUBBER GLOVES

Eye Protection: SAFETY GLASSES - CHEMICAL SPLASH GOGGLES

Other Protective Equipment: WEAR CLOTHING TO PREVENT PROLONGED OR REPEATED CONTACT. HAVE EMERGENCY EYE WASH AND SAFETY SHOWER AVAILABLE.

Work Hygienic Practices: WASH THOROUGHLY AFTER HANDLING AND BEFORE EATING, DRINKING OR SMOKING. LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health
AVOID PROLONGED OR REPEATED EXPOSURE. DO NOT GET ON SKIN OR IN EYES. DO NOT BREATHE DUST. DO NOT INGEST. READ PRECAUTIONS ON LABEL BEFORE USE.

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

HCC: B3

Melt/Freeze Pt: M.P/F

.P Text:1076F,580C
Decomp Temp:Decomp Text:1076F,580C
Spec Gravity:2.24
pH:12.4
Solubility in Water:SLIGHT
Appearance and Odor:ODORLESS, WHITE, CRYSTALLINE POWDER
Percent Volatiles by Volume:0

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

Stability Indicator/Materials to Avoid:YES
STRONG MINERAL ACIDS, CHLORINATED PHENOLS, NITROPARAFINS, PHOSPHOROUS,
MALEIC ANHYDRIDE.
Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.
Hazardous Decomposition Products:CARBON
MONOXIDE, CARBON DIOXIDE, AND
OXIDES OF CALCIUM.

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

Waste Disposal Methods:DISPOSAL OF WASTE AND HAZARDOUS MATERIAL SHALL
COMPLY WITH LOCAL, STATE AND FEDERAL ENVIRONMENTAL PROTECTION
AGENCY REGULATIONS. SEND WASTE MATERIAL TO AN APPROVED RECYCLING
FACILITY IF FEASIBLE. CITY , STATE AND FEDERAL REGULATIONS MUST
BEFOLLOWED.

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