

HACH CO. -- LIMESTONE -- 6630-00-133-0697

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

Product ID:LIMESTONE
MSDS Date:09/12/1993
FSC:6630
NIIN:00-133-0697
Kit Part:Y
MSDS Number: BVGYN
=== Responsible Party ===
Company Name:HACH CO.
Box:389
City:LOVELAND
State:CO
ZIP:80539
Country:US
Info Phone Num:800-227-4224
Emergency Phone Num:800-227-4224 OR 303-623-5716
CAGE:91224

=== Contractor Identification ===

Com
pany Name:HACH CO
Address:5600 LINDBERGH DR
Box:389
City:LOVELAND
State:CO
ZIP:80539
Country:US
Phone:970-669-3050/ 303-623-5716
CAGE:91224
Company Name:HACH COMPANY
Address:100 DAYTON RD.
Box:907
City:AMES
State:IA
ZIP:50010
Country:US
Phone:800-227-4224
CAGE:4T252

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

Ingred Name:CALCIUM CARBONATE (MARBLE) (LIMESTONE)
CAS:1317-65-3
RTECS #:EV9580000
Fraction by Wt: 100%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:15 MG/M3 TDUST

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

Routes of Entry: Inhalation:YES Skin:NO Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:ACUTE: EXPOSURE MAY CAUSE EYE &
RESPIRATORY TRACT IRRITATION. EXCESSIVE ORAL DOSES MAY CAUSE
ALKALOSIS. CHRONIC: NONE SPECIFIED BY MANUFACTURER.
Explanation of Carcinogenicity:NO INGREDIENTS OF A CONCENTRATION OF
0.1% OR GREATER IS LISTED AS A
CARCINOGEN OR SUSPECTED CARCINOGEN.
Effects of Overexposure:EYES: BURNS, TEARING, PAIN, BLURRED VISION,
REDNESS. INHALED: COUGHING, SNEEZING.
Medical Cond Aggravated by Exposure:NONE REPORTED.

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

First Aid:EYE/SKIN CONTACT-IMMEDIATELY FLUSH EYES WITH WATER FOR 15
MINUTES. CALL PHYSICIAN. FLUSH SKIN WITH LOTS OF WATER. REMOVE
CONTAMINATED CLOTHES. INGESTED-IF CONSCIOUS, GIVE 1-2 GLASSES OF
WATER. DO NOT INDUCE VO
MITING! CALL PHYSICIAN IMMEDIATELY.
INHALED: REMOVE TO FRESH AIR.

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

Extinguishing Media:NOT APPLICABLE. DLA-HMIS: MEDIA APPROPRIATE FOR
SURROUNDING FIRE.
Fire Fighting Procedures:NONE SPECIFIED BY MANUFACTURER. DLA-HMIS:
FIREFIGHTERS SHOULD WEAR FULL PROTECTIVE CLOTHING INCLUDING
POSITIVE-PRESSURE SELF-CONTAINED BREATHING APPARATUS.
Unusual Fire/Explosion Hazard:MAY EMIT TOXIC FUMES OF CALCIUM OXIDE AND
CARB
ON DIOXIDE IN FIRE.

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

Spill Release Procedures:SWEEP UP SPILL. AVOID BREATHING MATERIAL.
DISSOLVE IN WATER. FLUSH DOWN DRAIN WITH EXCESS OF WATER.
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:STORE TIGHTLY CLOSED IN A COOL, DRY
PLACE.
Other Precautions:AVOID CONTACT WITH EYES. WASH THOROUGHLY AFTER
HANDLING.

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

Respiratory Protection:NONE NORMALLY REQUIRED. IF ENGINEERING CONTROLS FAIL OR NON-ROUTINE USE OR EMERGENCY OCCURS; USE NIOSH/MSHA APPROVED RESPIRATOR OR SUPPLIED AIR RESPIRATOR OR SCBA, AS REQUIRED. USE IAW 29 CFR 1910.134 AND MANUFACTURER'S RECOMMENDATIONS.

Ventilation:PROVIDE ADEQUATE VENTILATION.

Protective Gloves:NONE NORMALLY REQUIRED.

Eye Protection:LAB GRADE GOGGLES

Other Protective Equipment:NONE SPECIFIED BY MANUFACTURER. DLA-HMIS:

EYE WASH STATION & SAFETY SHOWER.

Work Hygienic Practices:WASH HANDS AFTER USE AND BEFORE EATING, DRINKING, OR SMOKING. LAUNDRER CONTAMINATED CLOTHES BEFORE REUSE.

Supplemental Safety and Health

KEY1=B3. CHANGE: 8745.

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

HCC:C1

Melt/Freeze Pt:M.P/F.P Text:1517F,825C

Decomp Temp:Decomp Text:1517F,825C

Spec Gravity:2.711

Evaporation Rate & Reference:N/K (N-BUTYL ACETATE=1)

Solubility in Water:

SLIGHT

Appearance and Odor:WHITE, ODORLESS POWDER.

Corrosion Rate:0.0 IPY

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

Stability Indicator/Materials to Avoid:YES

STRONG MINERAL ACIDS, FLUORINE, MAGNESIUM WITH HYDROGEN.

Stability Condition to Avoid:CONTACT WITH STRONG MINERAL ACIDS, FLUORINE, MAGNESIUM WITH HYDROGEN.

Hazardous Decomposition Products:CALCIUM OXIDE, CARBON DIOXIDE.

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

Waste Disposal

Methods:DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

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