

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 ===  
Company 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 TDU

ST  
ACGIH TLV:10 MG/M3 TDUST; 9394

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Hazards Identification  
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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  
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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  
VOMITING! CALL PHYSICIAN IMMEDIATELY.  
INHALED: REMOVE TO FRESH AIR.

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Fire Fighting Measures  
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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  
C  
ARBON DIOXIDE IN FIRE.

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Accidental Release Measures  
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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  
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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 SP

ECIFIED BY MANUFACTURER. DLA-HMIS:

EYE WASH STATION & SAFETY SHOWER.

Work Hygienic Practices:WASH HANDS AFTER USE AND BEFORE EATING, DRINKING, OR SMOKING. LAUNDER 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 i

n 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 Dispo

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

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