

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

===== 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

===== 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

===== 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.

===== 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.

===== 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.

===== 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.

===== 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 SPECI

FIED 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 in W

ater: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.

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 r  
esponsibility for the suitability of this information to their  
particular situation.