



CALCIUM,TOTAL HARDNESS 10000 MG/L:CAT# 2187

MSDS Number

BBDVJ

National Stock Number

6810-00D001081

Product Name

CALCIUM,TOTAL HARDNESS 10000 MG/L:CAT# 2187

Manufacturer

HACH COMPANY

Product Identification

Product ID:CALCIUM,TOTAL HARDNESS 10000 MG/L:CAT# 2187

MSDS Date:01/01/1987

FSC:6810

NIIN:00D001081

MSDS Number: BBDVJ

Responsible Party

HACH COMPANY

Emergency Phone: (515) 232-2533

Cage: 4T252

Contractor

HACH COMPANY

907

AMES, IA 50010

US

800-227-4224

Cage: 4T252

Ingredients

CALCIUM CARBONATE (MARBLE) (LIMESTONE)

CAS: 1317-65-3

RTECS: EV9580000

Fraction By Weight:

OSHA PEL15 MG/M3 TDUST

ACGIH TLV: 10 MG/M3 TDUST; 9192

HYDROGEN CHLORIDE (HYDROCHLORIC ACID) (SARA III)

CAS: 7647-01-0

RTECS: MW4025000

Fraction By Weight:

OSHA PELC 5 PPM

ACGIH TLV: C 5 PPM; 9192

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS



UNIDENTIFIED COMPONENTS

Fraction By Weight:

WATER; CAS\$7732-18-5

CAS: 7732-18-5

RTECS: ZC0110000

Fraction By Weight: >90%

Hazards

Effects of Overexposure:EYES/SKIN:CAUSES IRRITATION;INGEST: MAY IRRIT GI TRACT,DIARR ETC;INHALATION:VAP MAY CAUSE IRRIT.

First Aid

First Aid:INHALE:REMOVE TO FRESH AIR, GIVE CPR/O*2 IF NEED;EYES/SKIN:FLUSH W LG AMTS H*2O FOR 15 MIN;INGEST:RINSE MOUTH; GET MEDICAL ATTENTION FOR EYES, BREATHING DIFFICULTY, OR OTHER SYMPTOMS OF OVEREXPOSURE.

Fire Fighting

Flash Point:NONE

Extinguishing Media:EXTINGUISH WITH AGENT SUITABLE FOR SURROUNDING FIRE
Fire Fighting Procedures:WEAR SELF-CNTD BRTHG,APP H*20 SPRAY TO COOL CONTR.

Unusual Fire/Explosion Hazard:NONE NOTED BY MANUFACTURER.

Accidental Release

Spill Release Procedures:USE APPROPRIATE PROTECTIVE EQUIP DURING CLEAN UP; COVER CONTAMINATED LIQ/SURFACE WITH SODA ASH OR SODIUM BICARBONATE.MIX & ADD WATER. FLUSH DOWN TO DRAIN WITH LG QTY OF WATER.

Handling

Handling and Storage Precautions:STORE IN COOL,DRY,WELL VENTILATED AREA. PROTECT FROM PHYSICAL DAMAGE.AVOID ANY PHYSICAL CONTACT. KEEP CONTAINERS TIGHTLY CLOSED

Other Precautions:AVOID PROLONGED/REPEATED CONTACT WITH SKIN.AVOID CONTACT WITH EYES.WASH THOROUGHLY AFTER HANDLING.

Exposure Controls

Respiratory Protection:NONE SHOULD BE NEEDED

Ventilation:MECH(GEN)OR LOCAL EXHAUST THAT PROVIDES ADEQUATE VENTILATION

Protective Gloves:DISPOSABLE

Eye Protection:SAFETY GLASSES

Other Protective Equipment:NORMAL WORK CLOTHING COVERING ARMS & LEGS.

Supplemental Safety and Health

MSDS FROM HACH COMPANY EFFECTIVE:11/22/85; PH RANGES FROM 3.9 TO 4.0

Chemical Properties

HCC:N1

Boiling Pt:B.P. Text:212F/100C

Spec Gravity:0.998

Solubility in Water:COMPLETE

Appearance and Odor:CLEAR,COLORLESS LIQUID

Stability

Stability Indicator/Materials to Avoid:YES

NOT KNOWN

Stability Condition to Avoid:EXCESSV HEAT

Hazardous Decomposition Products:NOT KNOWN

Disposal

Waste Disposal Methods:KEEP IN COVERED DRUMS,PENDING DISPOSAL. HANDLE & DISPOSE IN FULL COMPLIANCE WITH ALL APPLICABLE



INTERNATIONAL, FEDERAL, STATE, & LOCAL REGULATIONS.

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