

CALCIUM CHLORIDE

MSDS Number

BCYBV

National Stock Number

6810-00-082-2645

Product Name

CALCIUM CHLORIDE

Manufacturer

MALLINCKRODT INC SCIENCE PRODUCTS DIV

Product Identification

Product ID:CALCIUM CHLORIDE

MSDS Date:01/01/1987

FSC:6810

NIIN:00-082-2645

MSDS Number: BCYBV

Responsible Party

MALLINCKRODT INC.,SCIENCE PRODUCTS DIVISION

Emergency Phone: (314)982-5000

Cage: 62910

Contractor

MALLINCKRODT SPECIALTY CHEMICALS CO

PHILLIPSBURG, NJ 08865

US

908-859-2151

Cage: 62910

Ingredients

CALCIUM CHLORIDE

CAS: 10043-52-4

RTECS: EV9800000

Hazards

Effects of Overexposure:INH:DUST MAY IRRIT UPPR RESP TRACT;ING:MAY IRRIT MUC MEMB;SKIN:IRRITANT.MAY BURN;EYES:BURNS/IRRIT.

First Aid

First Aid:INHAL:RMV TO FRESH AIR.GET MD FOR BREATHG DIFFICULTY;INGEST:IMMED INDUCE VOMIT BY GIVING 2 GL OF WATER/MILK.NOTHING BY MOUTH IF UNCONSCIOUS.GET MD IMMED;SKIN:WASH W/SOAP & WATER.GET MD IF IRRIT OCCURS ;EYES:FLUSH W/H*20 FOR 15 MIN.GET MED ATTN IMMED.

Fire Fighting

Flash Point:NONE

Extinguishing Media:EXTINGUISH W. AGENT SUITABLE FOR SURROUNDING FIRE.

Fire Fighting Procedures:WEAR SELF-CNTD BRTHG,APP H*20 SPRAY TO COOL CONTR.

Unusual Fire/Explosion Hazard:NOT CONSIDERED TO BE AN EXPLOSION HAZARD.

Accidental Release

Spill Release Procedures:CLEAN-UP PERSONS MAY REQUIRE PROTECTIVE CLOTHING & RESP PROTECTION FROM DUST.COLLECT SPILLED MATL BY

SWEEPING,PICKING OR SCOOPING & TRANSFER TO A CLOSED,WATER-PROOF
NON-METAL CONTAINER SUITABLE FOR SH IPPING (MOIST/WET CACL*2 MAY
CRODE STEEL).

Handling

Handling and Storage Precautions:KEEP IN TIGHTLY CLOSED CONTNRS IN
COOL,DRY,VENTLTD AREA.PROTCT AGAINST PHY DAMAGE.MOIST CACL*2/CONC
SOLN MAY CORRODE STEEL.DO NOT STORE IN METAL CONT.
Other Precautions:AVOID CONTACT W/EYES,SKIN & CLOTHING. WASH THOROUGHLY
AFTER HANDLING. DO NOT EXPOSE TO ATMOSPHERE BECAUSE CALCIUM
CHLORIDE WILL ABSORB WATER & FORM A SOLUTION.

Exposure Controls

Respiratory Protection:SUPPLIED AIR RESPIR/SCBA; ESCAPE: GAS MASK
Ventilation:LOCAL EXHAUST TO MAINTN BELOW TLV.
Protective Gloves:IMPERVIOUS
Eye Protection:GOGGLES/FACE SHIELD
Other Protective Equipment:FULL PROTECTIVE CLOTHING,SAFETY SHOWER,EYE
WASH STATION
Supplemental Safety and Health
MSDS FM MFR DATED: 05 SEP 85, CONFORMS TO OSHA HAZ COMM STD; BOILING
POINT: OVER 1600C(2912F); MELTING POINT: 772C(1422F)

Chemical Properties

HCC:N1
NRC/State Lic Num:NOT RELEVANT
Boiling Pt:>1600.C, 2912.F
Spec Gravity:2.15
Solubility in Water:COMPLETE
Appearance and Odor:WHITE OR GRAY-WHITE GRANULES. ODORLESS.

Stability

Stability Indicator/Materials to Avoid:YES
METALS,AL,YELLOW BRASS,BROMINETRIFLUORIDE,MIX OF LIME/BORATE
Stability Condition to Avoid:WET/MOIST CONDITIONS.(CACL*2 ABSORBS H*2O
& MAKES ACID SOLN)
Hazardous Decomposition Products:CHLORINE/HCL GAS FUMES,&OXIDES OF
CALCIUM WHEN HEATED.

Disposal

Waste Disposal Methods:COLLECTED WASTE MAY BE SHIPPED I/A/W DOT REGS TO
A RCRA-APPROVED WASTE DISPOSAL FACILITY.ENSURE COMPLIANCE WITH
LOCAL,STATE,& FEDERAL REGULATIONS.

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