

CALCIUM OXIDE

MSDS Number

BCWDQ

National Stock Number

6810-00-052-4466

Product Name

CALCIUM OXIDE

Manufacturer

MALLINCKRODT INC SCIENCE PRODUCTS DIV

Product Identification

Product ID:CALCIUM OXIDE

MSDS Date:01/01/1987

FSC:6810

NIIN:00-052-4466

MSDS Number: BCWDQ

Responsible Party

MALLINCKRODT INC.,SCIENCE PRODUCTS DIVISION

PARIS BYPASS

PARIS , KY 40361

US

Emergency Phone: 314-982-5000

Info Phone: 314-982-5000

Preparer: NOT PROVIDED

Cage: 62910

Contractor

MALLINCKRODT SPECIALTY CHEMICALS CO

PHILLIPSBURG, NJ 08865

US

908-859-2151

Cage: 62910

Ingredients

CALCIUM OXIDE

CAS: 1305-78-8

RTECS: EW3100000

Fraction By Weight: >99%

OSHA PEL5 MG/M3

ACGIH TLV: 2 MG/M3; 9192

Hazards

Effects of Overexposure:INH:DUST MAY IRRIT UPPR RESP TRACT;ING:CORR.MAY
ATTACK ESOPHAGUS;SKIN/EYE:SEV IRRIT.MAY DAMAGE EYES.

First Aid

First Aid:INHAL:RMV TO FRESH AIR.IF NEEDED,GIVE CPR/OXYGEN.GET
MD;INGEST:GIVE SEVRL GL OF WATER.DO NOT INDUCE VOMITG.IMMED GET
MD;SKIN:FLUSH W/LG QTY OF H*2O FOR 15 MIN.REMV CONTMNTD CLOTHES.GET

MD;EYES:IMMED F LUSH W/PLENTY OF H*2O FOR AT LEAST 15 MIN.GET MD.

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 EXPLOSIVE HAZARD.WHEN COMBINED W/WATER AT HIGH TEMP MAY BE EXPLOSIVE

Accidental Release

Spill Release Procedures:VENTILATE AREA OF SPILL.CLEAN UP PERSONS NEED PROTCTV CLOTHG/RESP PROTCTION FM DUST.PICK UP SPILL & PLACE IN A SUITABLE CONTAINER FOR RECLAMATION OR DISPOSAL IN A METHOD THAT DOES NOT GENERATE DUST.

Handling

Handling and Storage Precautions:KEEP IN TIGHTLY CLOSED CONTNRS AT COOL,DRY,VENTILATED PLACE.PROTECT AGAINST PHY DAMAGE;THIS ALKALINE MATL WILL SWELL & GEN HEAT WHEN WET & BURST CNTNR

Other Precautions:AVOID BREATHING DUST.USE W/ADEQUATE VENTILATION.KEEP CONTAINRS CLOSED.WASH THOROUGHLY AFTER HANDLING.AVOID SKIN,EYES & CLOTHING CONTACT.

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 16 AUG 85 & CONFORMS TO OSHA HAZ COMM STD;MELTING POINT:2572C(4662F) & BOILING POINT:2850C(5162F)

Chemical Properties

HCC:B1

NRC/State Lic Num:NOT RELEVANT

Boiling Pt:~2850.C, 5162.F

Spec Gravity:3.37

Solubility in Water:SLIGHT

Appearance and Odor:WHITE TO SLIGHTLY YELLOW POWDER.ODORLESS

Stability

Stability Indicator/Materials to Avoid:YES

ACIDS,HF,P*2O5,BORIC OXIDE,FLAMMABLE MATL,WATER.

Stability Condition to Avoid:AVOID EXPOSURE TO ATMOSPHERE(MOISTURE & CARBONDIOXIDE)

Hazardous Decomposition Products:NONE KNOWN

Disposal

Waste Disposal Methods:WHATEVER CANNOT BE SAVED FOR RECLAMATION MAY BE DISPOSD AS HAZ WASTE IN A RCRA APPRVD WASTE DISPOSAL FACILITY.COMPLY WITH LOCAL,ST.& FED REGS.

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