

MALLINCKRODT INC.,SCIENCE PRODUCTS DIVISION -- CALCIUM FLUORIDE -- 6810-00-490-3998  
===== Product Identification =====

Product ID:CALCIUM FLUORIDE

MSDS Date:01/01/1987

FSC:6810

NIIN:00-490-3998

MSDS Number: BFBHF

=== Responsible Party ===

Company Name:MALLINCKRODT INC.,SCIENCE PRODUCTS DIVISION

Emergency Phone Num:(314)982-5000

CAGE:62910

=== Contractor Identification ===

Company Name:MALLINCKRODT

SPECIALTY CHEMICALS CO

Address:222 RED SCHOOL LANE

Box:City:PHILLIPSBURG

State:NJ

ZIP:08865

Country:US

Phone:908-859-2151

CAGE:62910

===== Composition/Information on Ingredients =====

Ingred Name:CALCIUM FLUORIDE

CAS:7789-75-5

RTECS #:EW1760000

Fraction by Wt: >99%

OSHA PEL:2.5 MG/M3 (F)

ACGIH TLV:2.5 MG/M3 (F); 8990

===== Hazards Identification =====

Effects of Overexposure:INH:SLIGHT IRRIT;ING:MAY CAUSE

VOMIT/DIARRHEA;SKIN:NO ADVRS EF

FECT;EYES:DUST MAY CAUSE IRRITATION

===== First Aid Measures =====

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 IRRIT OCCURS;EY ES:FLUSH W/H\*20 FOR 15 MIN.

GET MED ATTN IMMED.

===== Fire Fighting Measures =====

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 Measures =====

Spill Release Procedures:CLEAN-UP PERSONNEL REQUIRE PROTECTIVE CLOTHING & RESPIRATORY PROTECTION FROM DUST.COLLECT BY SCOOPING,MOPPING OR WET VACUUMING AS APPROPRIATE.COLLECTED WASTE MAY BE TRANSFERRED TO A CLOSED METAL CONTA INER.DO NOT FLUSH TO THE SEWER.

===== Handling and Storage =====

Handling and Storage Precautions:KEEP IN TIGHTLY CLOSED CONTNRS AT COOL,DRY,VENTILATED PLACE.PROTECT AGAINST PHY DAMAGE. Other Precautions:AVOID BREATHING DUST.USE W/ADEQUATE VENTILATION.KEEP CONTAINERS CLOSED.WASH THOROUGHLY AFTER HANDLING.AVOID SKIN,EYES & CLOTHING CONTACT.

===== Exposure Controls/Personal Protection =====

Respiratory Protection:SUPPLIED AIR RES PIR/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 FROM MFR DATED:04 SEP 85,CONFORMS TO OSHA HAZ COMM STD.

===== Physical/Chemical Properties =====

HCC:N1 Boiling Pt:B.P. Text:2500C(4532F Spec Gravity:3.18 Solubility in Water:NEGLIGIBLE Appearance and Odor:WHI

TE CRYSTALLINE POWDER.ODORLESS

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES  
Stability Condition to Avoid:NOT KNOWN

===== Disposal Considerations =====

Waste Disposal Methods:COLLECTED WASTE MAY BE TRANSFERRED TO A  
CLOSED,PREFERABLY METAL,CONTAINER AND SENT TO A RCRA-APPROVED WASTE  
DISPOSAL FACILITY.ENSURE COMPLIANCE WITH LOCAL,STATE & FEDERAL  
REGULATIONS; CWA/CERCLA RQ: L BS

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