

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:MALLINCKR

ODT 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

EFFECT;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:EXTINQU

ISH 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 CONTAINER.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

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 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:

WHITE 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

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 responsibility for the suitability of this information to their
particular situation.