

MALLINCKRODT INC.,SCIENCE PRODUCT DIVISION -- BARIUM CHLORIDE, CAT #3756 --  
6810-00-236-5336

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Product Identification  
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Product ID:BARIUM CHLORIDE, CAT #3756  
MSDS Date:01/01/1987  
FSC:6810  
NIIN:00-236-5336  
MSDS Number: BDLSW  
==== Responsible Party ====  
Company Name:MALLINCKRODT INC.,SCIENCE PRODUCT DIVISION  
Emergency Phone Num:(314)982-5000  
CAGE:62910  
==== Contractor Identification ====  
Compan  
y 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

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Composition/Information on Ingredients  
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Ingred Name:BARIUM CHLORIDE  
CAS:10361-37-2  
RTECS #:CQ8750000  
Fraction by Wt: >99%  
OSHA PEL:0.5 MG/M3 (BA)  
ACGIH TLV:0.5 MG/M3 (BA); 8990

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Hazards Identification  
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Effects of Overexposure:INH:DUST IRRIT RESP TRACT;MAY CAUSE SEV GI  
PROBLM,VOMIT,DIARR;SKIN/EYES:MAY CAUSE REDNESS,PAIN.

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First Aid Measures  
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First Aid:INHAL:RMV TO FRESH AIR.GIVE CPR/OXYGEN IF BREATHING IS  
DIFFICULT.GET MD;INGEST:IMMED INDUCE VOMIT BY GIVING 2 GL OF  
WATER.NOTHING BY MOUTH IF UNCONSCIOUS.GET MD IMMED;SKIN/EYES:FLUSH  
IMMED W/ LG QTY H 20 FOR 15 MIN.RMV CONTMNTD CLOTHES.GET MED ATTN.

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Fire Fighting Measures  
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Flash Point:NONE  
Extinguishing

Media:EXTINGUISH W. AGENT SUITABLE FOR SURROUNDING FIRE.  
Fire Fighting Procedures:WEAR SELF-CNTD BRTHG,APP H2O SPRAY TO COOL  
CONTR.  
Unusual Fire/Explosion Hazard:NOT CONSIDERED TO BE AN EXPLOSION HAZARD.

===== Accidental Release Measures =====

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 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  
CONTAINRS 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 FM MFR DATED:AUG 26,86,CONFORMS TO OSHA HAZ COMM STD;MELTG  
PT:963C(1765F) & BOILG PT:1560C(2840F).SOLUBILTY IN WATER:36G/100G  
WATER @20C.

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

HCC:T4  
Spec Gravity:3.097  
Solubility in

Water:MODERATE

Appearance and Odor:WHITE SOLID.NO ODOR

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

Stability Indicator/Materials to Avoid:YES

BROMINE TRIFLUORIDE;2-FURAN PERCARBOXYLIC ACID

Hazardous Decomposition Products:MAY EMIT TOXIC FUMES OF CHLORIDES,&  
OXIDES OF CA & CARBON.

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

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

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