

MALLINCKRODT INC.,SCIENCE PRODUCT DIVISION -- AMMONIUM THIOCYANATE --  
6810-00-241-1204

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Product Identification  
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Product ID:AMMONIUM THIOCYANATE  
MSDS Date:01/01/1987  
FSC:6810  
NIIN:00-241-1204  
MSDS Number: BDMMP  
=== Responsible Party ===  
Company Name:MALLINCKRODT INC.,SCIENCE PRODUCT DIVISION  
Emergency Phone Num:(314)982-5000  
CAGE:62910  
=== Contractor Identification ===  
Company Name:MALLIN  
CKRODT 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:AMMONIUM THIOCYANATE (SARA III)  
CAS:1762-95-4  
RTECS #:XK7875000  
Fraction by Wt: 100%  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

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Hazards Identification  
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Effects of Overexposure:INGEST:MAY CAUSE VOMITG,LOW BLD PRESSURE &  
DEATH;E  
YES/SKIN:MAY CAUSE IRRIT,REDNESS;INH:NO HLTH PRBLM

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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 Medi

a: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: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 GENE RATE DUST.

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

Handling and Storage Precautions:KEEP IN TIGHTLY CLOSED CONTNRS AT COOL,DRY,VENTILATED PLACE.PROTECT AGAINST PHY DAMAGE.ISOLATE FROM OXIDIZING MATERIALS.STORE IN THE DARK.

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

===== 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:08-13-85 WHICH CONFORMS TO OSHA HAZ COMM STANDARDS.

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

HCC:N1

Spec Gravity:1.31

Solubility in

Water:COMPLETE

Appearance and Odor:COLORLESS,DELIQUESCENT CRYSTALS.ODORLES OR SL NH\*3

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

Stability Indicator/Materials to Avoid:YES

STRONG ACIDS,LEAD NITRATE,KCLO\*3.GIVES HCN W/ACIDS.

Hazardous Decomposition Products:TOXIC FUMES OF NH\*3,NITRIC OXIDES,SO\*2 & CYANIDE WHEN HEATED

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

Waste Disposal Methods:WHATEVER CANNOT BE SAVED FOR RECLAMATION MAY BE DISPOS

D AS HAZ WASTE IN A RCRA APPRVD WASTE DISPOSAL  
FACILITY.COMPLY WITH LOCAL,ST.& FED REGS; CWA/CERCLA RQ:5000LBS.

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