

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

===== Product Identification =====

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

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

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

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

Effects of Overexposure:INGEST:MAY CAUSE VOMITG,LOW BLD PRESSURE &  
DEATH;E

YES/SKIN:MAY CAUSE IRRIT,REDNESS;INH:NO HLTH PRBLM

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

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.

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

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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