

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:MALLINCKRODT SPECIALTY CHEMICALS CO

Address:222 RED SCHOOL LANE

Box:CI

City:PHILLIPSBURG

State:NJ

ZIP:08865

Country:US

Phone:908-859-2151

CAGE:62910

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

Ingredient 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 VOMITING,LOW BLD PRESSURE &
DEATH;EYES/SKIN:MAY CAUSE IRRIT,REDNESS;INH:NO HLTH PRBLM

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===== 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 H²O FOR 15 MIN.RMV CONTAMINATED CLOTHES.GET MED ATTN.

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

Flash Point:NONE

Extinguishing Media:EXTINGUISH W. AGENT SUITABLE FOR SURROUNDING FIRE.

Fire Fighting

ng 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 GENERATE DUST.

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

LS.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
DISPOSD AS HAZ WASTE IN A RCRA APPRVD WASTE DISPOSAL
FACILITY.COMP

LY WITH LOCAL,ST.& FED REGS; CWA/CERCLA RQ:5000LBS.

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