

MALLINCKRODT INC.,SCIENCE PRODUCT DIVISION -- AMMONIUM NITRATE -- 6810-01-091-8676

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Product Identification  
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Product ID:AMMONIUM NITRATE

MSDS Date:01/01/1987

FSC:6810

NIIN:01-091-8676

MSDS Number: BGLMQ

=== Responsible Party ===

Company Name:MALLINCKRODT INC.,SCIENCE PRODUCT DIVISION

Address:PARIS BYPASS

Box:M

City:PARIS

State:KY

ZIP:40361

Country:US

Info Phone Num:314-982-5000

Emergency

Phone Num:314-982-5000

CAGE:62910

=== Contractor Identification ===

Company 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:AMMONIUM NITRATE (SOLUTION) (SARA III)

CAS:6484-52-2

RTECS #:BR9050000

Fraction by Wt: 100%

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Hazards Identification  
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Effects of Overexposure:IN

H:MAY IRRIT MUC MEMBRANE;ING:MAY CAUSE  
DIZZ,BLOODY DIARRHEA;EYE/SKIN:MAY IRRIT,REDNESS,PAIN,ETC.

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===== 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 IF IRRIT OCCURS ;EYES:FLUSH W/H\*20 FOR 15  
MIN.GET MED ATTN IMMED.

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

Flash Point:NONE  
Extinguishing Media: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:CONTACT W/OXIDIZABLE SUBSTANCES MAY CAUSE  
EXTREMELY VIOLENT COMBUSTION.MAY SUPPORT COMBUSTN IN FIRE.

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

Spill Release Procedures:USE APPROP PROTCTV EQUIP.RMV IGNITION/HEAT  
SOURCES.SWEEP OR SCOOP UP & TRANSFR  
TO A CLOSD(METAL) CONTNR FOR  
RECLAMATION/DISPOSAL/ALTRNTVLY,SWEEP SPILL INTO A CONTNR & DISSOLV  
IN LG AMT OF H\*2O.ADD SOD A ASH.MIX & NEUTRLZ W/6M-HCL.KEEP SLUDGE  
IN CNTNR.

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

Handling and Storage Precautions:KEEP IN TIGHTLY CLOSED CONTNRS AT  
COOL,DRY,VENTILATED PLACE.PROTECT AGAINST PHY DAMAGE.DO NOT STORE  
ABOVE 130F.SEPARATE FM ORGANIC/OXIDIZABLE MATERIAL  
Other Precautions:AVOID BREATHING DUST.USE W/ADEQUAT  
E VENTILATION.KEEP  
CONTAINRS CLOSED.WASH THOROUGHLY AFTER HANDLING.AVOID SKIN,EYES &  
CLOTHING CONTACT,DANGER! STRONG OXIDZR.CONTCT W/OTHR MATL MAY CAUSE  
FIRE.

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===== 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 STA

TION  
Supplemental Safety and Health  
MSDS FROM MFR DATED:08-09-85 CONFORMS WITH OSHA HAZ COMM STD.AMM  
NITRATE DECOMPOSES @ 210C(410F);CLASS 3 ITEM OF MIL-A-175.

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

HCC:D1  
Spec Gravity:1.7  
Solubility in Water:COMPLETE  
Appearance and Odor:ODORLESS,COLORLESS CRYSTALS.

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

Stability Indicator/Materials to Avoid:YES  
REDUCRS,MANY METAL & THEIR SALTS,ACETIC ACID,CORR  
MATL,KCLO3  
Hazardous Decomposition Products:EMITS NITRIC OXIDE FUMES ON DECOMP  
PT;MAY GIVE NH\*3 W/ALKALI

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

Waste Disposal Methods:COLLECTED WASTE AND/OR NEUTRALIZED SLUDGE IN  
CLOSED,PREFERABLY METAL CONTAINERS MAY BE SENT TO AN RCRA APPROVED  
WASTE DISPOSAL FACILITY.ENSURE COMPLIANCE W/LOCAL,STATE & FEDERAL  
REGULATIONS.

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