

MALLINCKRODT INC.,SCIENCE PRODUCT DIVISION -- AMMONIUM PERSULFATE --
6810-00-234-8360

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

Product ID:AMMONIUM PERSULFATE

MSDS Date:01/01/1987

FSC:6810

NIIN:00-234-8360

MSDS Number: BDLLQ

=== 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

Eme

rgency 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 =====

Ingred Name:AMMONIUM PERSULFATE;PEROXYDISLFURIC ACID,DIAMMONIUM SALT;
CAS #7727-54-0; TLV AS PERSULFT

CAS:7727-54-0

RTECS #:SE0350000

Fraction by Wt: >99%

ACGIH TLV:5MG/CUM AS S2O8

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Hazards Identification
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Effects of Overexposure:INH:MAY IRRIT MUC MEMBRN;ING:CORROSIVE.MAY
CAUSE ABDOMINAL PAIN;SKIN:CORR.MAY BURN;EYES:SEV IRRITATE

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First Aid Measures
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First Aid:INHAL:RMV TO FRESH AIR.GET MD FOR BREATHG
DIFFICULTY;INGEST:GIVE SEV GLASSES OF WATER.VOMITG MAY OCCUR
SPONTANEOUSLY,BUT DO NOT INDUCE.GET MD IMMED;SKIN/EYES:TMV CONTMNTD
CLOTHG.WIPE OFF EXCESS FROM S KIN.WASH W/PLENT
Y H*2O FOR 15 MIN.GET
MD PROMPTLY

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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:USE H*2O TO COOL EXPD CONTRS. USE SCBA & FULL
PROT.CLTHG.
Unusual Fire/Explosion Hazard:AN EXPLOSION HAZARD WHEN MIXED W/FINELY
POWDRD ORGANIC MATTER,METAL POWDER, OR REDUCING AGENTS.

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Accidental Release Measures
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Spill Release Pr
cedures:VENTILATE AREA OF SPILL.CLEAN UP PERSONS NEED
PROTCTV CLOTHG/RE5P PROTCTION FM DUST.PUCT UP SPILL & PLACE IN A
SUITABLE CONTAINER FOR RECLAMATION OR DISPOSAL IN A METHOD THAT
DOES NOT GENERATE DUST.

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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.STORE AWAY FM
HEAT SOURCS.AVOID CONTAMINATION WITH DIRT & DUST.
Other Precautions:
AVOID BREATHING DUST.USE W/ADEQUATE VENTILATION.KEEP
CONTAINRS CLOSED.WASH THOROUGHLY AFTER HANDLING.AVOID SKIN,EYES &
CLOTHING CONTACT.

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Exposure Controls/Personal Protection
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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 a

nd Health

MSDS FM MFR DATED:08-01-85 COMPLTD IAW OSHA COMM HAZ STD.

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

HCC:D1

Spec Gravity:1.98

Solubility in Water:APPRECIABLE

Appearance and Odor:WHITE CRYSTALS,ODORLESS

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

Stability Indicator/Materials to Avoid:YES

RDCG AGNTS,ORG MATL,NA*2O*2,POWRD METALS(E.G ALUMINUM).

Stability Condition to Avoid:AVOID HEATING OR CONTACT W/WATER.

Hazardous Decomposition Prod

ucts:DECOMPSD BY MOISTURE TO GIVE O*2 &

O*3.THERMLLY GIVE O*2/S

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

Waste Disposal Methods:WHATEVER CANNOT BE SAVED FOR RECLAMATION MAY BE
DISPOSD AS HAZ WASTE IN A RCRA APPRVD WASTE DISPOSAL
FACILITY.COMPLY WITH LOCAL,ST.& FED REGS.SM SPILLS MAY BE REDUCD
W/CONC HYPO SOLN(ACIDIFD W/DIL H*2 SO*4),NEUTRLZD W/SODA ASH &
FLUSHD W/LGQTY WATER.

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