

MALLINCKRODT INC.,SCIENCE PRODUCT DIVISION. -- ALUMINUM
SULFATE,HYDRATED,TECHNICAL -- 6810-00-281-7455

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Product Identification
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Product ID:ALUMINUM SULFATE,HYDRATED,TECHNICAL

MSDS Date:01/01/1987

FSC:6810

NIIN:00-281-7455

MSDS Number: BDTCV

=== Responsible Party ===

Company Name:MALLINCKRODT INC.,SCIENCE PRODUCT DIVISION.

Emergency Phone Num:314-982-5000

CAGE:62910

=== Contractor Identifi

cation ===

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:ALUMINUM SULFATE (SARA III)

CAS:10043-01-3

RTECS #:BD1700000

Fraction by Wt: >99%

OSHA PEL:2 MG/M3

ACGIH TLV:2 MG/M3; 9192

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

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Hazards Identification
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Effects

of Overexposure:INH:IRRIT,COUGHING,BRTHG PROBLEM;INH:ABDOMINL PAIN,GASTR-INTESNTL UPSET:SKIN/EYES:IRRIT,REDNESS ETC.

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First Aid Measures
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First Aid:INHAL:RMV TO FRESH AIR.GET MD FOR BREATHG DIFFICULTY;INGEST:IMMED INDUCE VOMIT BY GIVING 2 GL OF WATR/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 Fig
hting Measures
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Extinguishing Media:EXTINGUISH W. AGENT SUITABLE FOR SURROUNDING FIRE.
Fire Fighting Procedures:WEAR CHEMICAL PROTECTIVE SUIT WITH SELF CONTD BRTHG APP.
Unusual Fire/Explosion Hazard:NOT CONSIDERED TO BE AN EXPLOSION HAZARD

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Accidental Release Measures
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Spill Release Procedures:USE APPROPRIATE PROTECTV EQUIP.SWEEP UP OR VACUUM SPILLED MATL & PLACE IN A SUITABLE CONTNR FOR DISPOSAL.NEUTRALIZE THE RESIDUE W/ SODA ASH.THEN FLUSH AREA W/PLENTY OF WATER.ADEQUATE VENTILATION IS REQ UIRED.

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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.
Other Precautions:AVOID BREATHING DUST.USE W/ADEQUATE VENTILATION.KEEP CONTAINR 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 and Health
MSDS FM MFR DATEFD:8/13/85,CONFORMS TO OSHA HAZ COMM STD;ITEM IS TYPE I,CLASS 2 OF O-A-429.

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Physical/Chemical Properties
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HCC:N1
Spec Gravity:1.61
Solu

bility in Water:APPRECIABLE

Appearance and Odor:WHITE GRANULAR POWDER,ODORLESS

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

Stability Indicator/Materials to Avoid:YES

ALKALIES,CORR MATL(H*2O REACTIVE MATL SUCH AS OLEUM)

Hazardous Decomposition Products:TOXIC OXIDES OF SULFUR AT
TEMP>760C(1400F)

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

Waste Disposal Methods:LG QTY:SEND TO AN APPROVED WASTE FACILITY OR
RECOVER. SM QTY:MAY BE DISSOLVED
IN WATER,TREATED WITH SODA ASH TO
NEUTRALIZE & FLUSHED TO SEWER W/AMPLE WATER;ENSURE COMPLIANCE
W/LOCAL,STATE & FED REGS; CWA/CERCLA RQ=5000 LBS.

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