

MALLINCKRODT INC.,SCIENCE PRODUCT DIVISION -- AMMONIUM DICHROMATE, CAT #3284 --
6750-00-347-6938

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

Product ID:AMMONIUM DICHROMATE, CAT #3284
MSDS Date:01/01/1987
FSC:6750
NIIN:00-347-6938
MSDS Number: BDWXW
=== Responsible Party ===
Company Name:MALLINCKRODT INC.,SCIENCE PRODUCT DIVISION
Address:PARIS BYPASS
Box:M
City:PARIS
State:KY
ZIP:40361
Country:US
Info Phon
e 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 =====

Ingred Name:AMMONIUM DICHROMATE (BICHROMATE) (SARA III)
CAS:7789-09-5
RTECS #:HX7650000
Fraction by Wt: >99%
OSHA PEL:0.1PPM CRO3;CEILING
ACGIH TLV:0.05 MG CR/M3
EPA Rpt Q

ty:10 LBS
DOT Rpt Qty:10 LBS

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

Effects of Overexposure:INH:DUST MAY BE CORR TO RESP TRACT;ING:TOXIC
MAY CAUSE GI PROBLM;SKIN/EYES:DUST/SOLN IRRITATES.

===== 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 Media:USE FLOODG AMT H*2O.USE H*2O SPRAY TO COOL FIRE
EXPSD CNTNR.
Fire Fighting Procedures:USE FULL PROTCTV CLOTHG & NIOSH APPRVD SCBA.
Unusual Fire/Explosion Hazard:CONTACT W/OXIDIZABLE MATL MAY CAUSE
EXTREMELY VIOLENT COMBUSTION;FIRE IS POSS ABOVE 180C(356F)TEMP.

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

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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;IF WET,REDUCE W/FESO*4 & ACID,NEUTRLZ & PKG
IN CNTNR

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

Handling and Storage Precautions:KEEP IN TIGHTLY CLOSED CONTNRS AT
COOL,DRY,VENTILATED PLACE.PROTECT AGAINST PHY DAMAGE
.AVOID STG ON
WOOD FLOOR.STORE AWAY FM REDUCERS.WASH HANDS.
Other Precautions:AVOID BREATHING DUST.USE W/ADEQUATE VENTILATION.KEEP
CONTAINRS CLOSED.WASH THOROUGHLY AFTER HANDLING.AVOID SKIN,EYES &
CLOTHING CONTACT;DO NOT RETURN SPILLED MATERIAL TO ORIGINAL
CONTAINER.

===== 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:8/30/85,CONFORMS TO OSHA HAZ COMM STD.*WASH HANDS BEFORE EATING.DO NOT EAT,DRINK & SMOKE IN WORKPLACE.AVOID CROSS CONTAMINATION OF STREET CLOTHES.REMOVE CONTMNTD CLOTHING.

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Physical/Chemical Properties
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HCC:D1

Spec Gravity:2.15

Solubility in Water:APPRECIABLE

Appearance and Odor:BRIGH

T,ORANGE-RED CRYSTALS.ODORLESS

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Stability and Reactivity Data
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Stability Indicator/Materials to Avoid:YES

REDUCING AGENTS,ORGANIC MATL,CORR/FLAMMABLE MATL,KCLO*3,ETC.

Stability Condition to Avoid:IGNITION SOURCES & HIGH TEMP.

Hazardous Decomposition Products:CHROMIC OXIDES & N*2 GAS WHEN HEATED TO DECOMPOSITION.

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Disposal Considerations
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Waste Disposal Methods:WHATEVER CANNOT BE SAVED FOR RECLAMATION,DISPOSE

OF IN AN RCRA APPROVED HAZARDOUS WASTE FACILITY.ENSURE COMPLIANCE WITH LOCAL,STATE & FED REGS;KEEP AWAY FM PAPER/WOOD PROD;NEUTRALIZE FESO*4 TREATD SPI LL & PKG IN CONTNR FOR DISPOSAL;RQ-CERCLA:1000LBS.

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