

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

===== 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 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

===== 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 Qt

y:10 LBS  
DOT Rpt Qty:10 LBS

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

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First Aid Measures  
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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  
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MMED W/LG QTY H\* 20 FOR 15 MIN.RMV CONTMNTD CLOTHES.GET MED ATTN.

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Fire Fighting Measures  
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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.

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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

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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.  
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.

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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 P

rotection: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.

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

HCC:D1

Spec Gravity:2.15

Solubility in Water:APPRECIABLE

Appearance and Odor:BRIGHT

,ORANGE-RED CRYSTALS.ODORLESS

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

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.

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

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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