

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

===== 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 =====

=====

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 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.

Disclaimer (provided with this information by the compiling agencies):

This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disc

laims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.