

MALLINCKRODT INC.,SCIENCE PRODUCTS DIVISION -- CHROMIUM TRIOXIDE -- 6810-00-264-6517
===== Product Identification =====

Product ID:CHROMIUM TRIOXIDE

MSDS Date:01/01/1987

FSC:6810

NIIN:00-264-6517

MSDS Number: BDQMG

=== Responsible Party ===

Company Name:MALLINCKRODT INC.,SCIENCE PRODUCTS DIVISION

Address:PARIS BYPASS

Box:M

City:PARIS

State:KY

ZIP:40361

Country:US

Info Phone Num:314-982-5000

Emerg

ency 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:CHROMIUM (VI) OXIDE

CAS:1333-82-0

RTECS #:GB6650000

Fraction by Wt: 100%

OSHA PEL:C, 0.1 MG/M3 (CRO3)

ACGIH TLV:0.05 MG/M3(CR); 8990

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

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Effects of Overexposure:INH:DUST IRRITANT&TO THROAT LUNGS;ING:GI IRRITANT.MAY DAMAGE LIVER/DKNY;SKIN:ULCRATION;EYE:CORNEALINJ

===== 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.

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===== Fire Fighting Measures =====

Flash Point:NONE

Extinguishing Media:PER MFR,USE WATER,DECOMPOSING MATL WILL FORM VISCOUS FOAM.

Fire Fighting Procedures:WEAR SELF-CNTD BRTHG,APP H*20 SPRAY TO COOL CONTR.

Unusual Fire/Explosion Hazard:CONTAC W/REDUCRS MAY CAUSE EXTREMELY VIOLENT COMBUSTION. CONTNRS MAY EXPLODE IN FIRE.

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

Spill Release Procedures:VENTILATE AREA OF SPILL.CLEAN UP PERSONS NE ED

PROTCTV CLOTH/RESP PROTCTION FM DUST.PICK UP SPILL & PLACE IN A SUITABLE CONTAINER FOR RECLAMATION OR DISPOSAL IN A METHOD THAT DOES NOT GENERATE DUST.

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

Handling and Storage Precautions:KEEP IN TIGHTLY CLOSED CONTNRS AT COOL,DRY,VENTILATED PLACE. PROTECT AGAINST PHY DAMAGE.DO NOT STORE ON WOODEN FLOORS.

Other Precautions:AVOID BREATHING DUST.USE W/ADEQUATE VENTILATION.KEEP CONTAINRS CLOSED.WASH THOROU

GHLY AFTER

HANDLING.AVOID,SKIN,EYES&CLOTHING CONTACT.REMOVE & WASH CONTAMINATED CLOTHES PROMPTLY.

===== 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:13 JUN86;CO

NFORMS TO OSHA HAZ COMM STD;HEXAVALENT CR
COMPDS SHOW SUFFICIENT EVIDENCES FOR CARCINOGENITY IN SHORT TERM
TESTING;EXPOSURE MAY CREATE A CANCER RISK.

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

HCC:D4

Spec Gravity:2.7

Solubility in Water:APPRECIABLE

Appearance and Odor:DARK RED DILIQUESCENT SOLID,ODORLESS

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

Stability Indicator/Materials to Avoid:YES

FLAMMABLES,REDUCERS,H*2S,PHOSPHORUS-POTASSIUM

Stability Condition to Avoid:HIGH TEMPERATURES

Hazardous Decomposition Products:O*2,TRIVALENT CHROMIUM OXIDE.

===== 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; CWA/CERCLA RQ: 1000LBS

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