

MALLINCKRODT,INC. -- METHYL RED -- 6810-00-285-4331

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

Product ID:METHYL RED

MSDS Date:01/01/1987

FSC:6810

NIIN:00-285-4331

MSDS Number: BDTNX

==== Responsible Party ===

Company Name:MALLINCKRODT,INC.

Emergency Phone Num:(314) 982-5000

CAGE:DO880

==== Contractor Identification ===

Company Name:MALLINCKRODT SPECIALTY CHEMICALS CO

Address:222 RED SCHOOL LANE

Box:City:PH

ILLIPSBURG

State:NJ

ZIP:08865

Country:US

Phone:908-859-2151

CAGE:62910

Company Name:MALLINCKRODT,INC.,SCIENCE PRODUCTS DIV.

Box:BOX M

City:PARIS

State:KY

ZIP:43061

Country:US

CAGE:DO880

===== Composition/Information on Ingredients =====

Ingred Name:METHYL RED;(2-((4-(DIMETHYLAMINO)PHENYL)-BENZOIC ACID,HYDROCHLORIDE).CAS #63451-28-5

CAS:493-52-7

RTECS #:DG8960000

Fraction by Wt: >98%

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

Effects of Overexpo

sure:SKIN/EYES:MAY CAUSE MILD IRRITATION;INHAL:MILD
IRRIT TO MUC MEMB;INGEST:LG DOSES CAUSE GI DISTURBNC.

===== First Aid Measures =====

First Aid:INHALE:REMOVE TO FRESH AIR, GIVE CPR/O² IF
NEED;EYES/SKIN:FLUSH W LG AMTS H²O FOR 15 MIN;INGEST:RINSE MOUTH;
GET MEDICAL ATTENTION FOR EYES, BREATHING DIFFICULTY, OR OTHER
SYMPTOMS OF OVEREXPOSURE.

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

Flash Point:NONE
Extinguis
hing Media:EXTINGUISH WITH AGENT SUITABLE FOR SURROUNDING FIRE
Fire Fighting Procedures:WEAR FULL PROTECTV CLOTHING & NIOSH APPRVD
SCBA W/PRSSR DMND
Unusual Fire/Explosion Hazard:NOT CONSIDERED TO BE AN EXPLOSION HAZARD.

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

Spill Release Procedures:VENTILATE AREA OF LEAK/SPILL.USE APPROP RESP
PROTECTION.AVOID CREATING DUST.SWEEP UP & CONTAINERIZE FOR
RECLAMATION OR DISPOSAL.VACUUMING OR WET SWEEPING MAY BE USED TO
AVOID DUST DISPERSAL.

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

Handling and Storage Precautions:STORE IN COOL,DRY,WELL VENTILATED
AREA. PROTECT FROM PHYSICAL DAMAGE.AVOID ANY PHYSICAL CONTACT. KEEP
CONTAINERS TIGHTLY CLOSED
Other Precautions:ISOLATE FROM OXIDIZERS.

===== Exposure Controls/Personal Protection =====

Respiratory Protection:IF NEEDED,A DUST/MIST RESPIRATOR MAY BE USED.FOR
EMERGENCY,USE SCBA.

Ventilation:LOCAL EXHAUST
Prot

ective Gloves:IMPERVIOUS

Eye Protection:SAFETY GLASSES

Other Protective Equipment:WEAR CLEAN BODY-COVRG CLOTHES.KEEP EYE

WASH/SHOWER AVAILABLE

Supplemental Safety and Health

MSDS FROM MALLINCKRODT EFFECTIVE:10/09/85; MFR PROVIDED MSDS OF CRYSTAL
METHYL RED. HOWEVER, METHYL RED IS TO BE DISSOLVED IN MIXTURE OF
WATER & ETHANOL TO MAKE SOLUTION.

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

HCC:N1

Solubility in Water:NEGLIGIBLE

Appearance and Odor:FINE,BLUISH-PU

RPLE CRYSTALS,ODORLESS.

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

Stability Indicator/Materials to Avoid:YES

NO INFORMATION FOUND.

Stability Condition to Avoid:EXCESSIVE HEAT & MOISTURE

Hazardous Decomposition Products:WHEN HEATED TO DECOMPOSITION IT EMITS
OXIDES OF C & N.

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

Waste Disposal Methods:WHATEVER CANNOT BE SAVED FOR RECLAMATION MAY BE
DELIVERED TO AN APPROVED WASTE DISPOSAL FACILITY.

ENSURE COMPLIANCE

WITH LOCAL,STATE & FEDERAL REGULATIONS.

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