

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:P

HILLIPSBURG

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 Overexp

osure: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/O*2 IF
NEED;EYES/SKIN:FLUSH W LG AMTS H*20 FOR 15 MIN;INGEST:RINSE MOUTH;
GET MEDICAL ATTENTION FOR EYES, BREATHING DIFFICULTY, OR OTHER
SYMPTOMS OF OVEREXPOSURE.

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

Flash Point:NONE

Extingui

shing 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

Pro

Protective Gloves: IMPERVIOUS

Eye Protection: SAFETY GLASSES

Other Protective Equipment: WEAR CLEAN BODY-COVERING 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-PURPLE
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.

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
disclaims 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.