

MATERIAL SAFETY DATA SHEET

For R&D use only. Not for drug, household or other uses.

Click <http://www.lookchem.com/cas-493/493-52-7.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
493-52-7
Code:
M

RTECS:
DG8960000
Code:
M

Name:
METHYL RED;(2-((4-(DIMETHYLAMINO)PHENYL)-BENZOIC

Other REC Limits:
N/P

OSHA PEL:
N/P
Code:

OSHA STEL:

Code:

ACGIH TLV:
N/K
Code:
M

ACGIHSTEL:
N/P
Code:

Control Measures

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

Ventilation:
LOCAL EXHAUST

Protective Gloves:
IMPERVIOUS

Eye Protection:
SAFETY GLASSES

Other Protective Equipment:
Equipment WEAR CLEAN BODY-COVRG CLOTHES.KEEP EYE WASH/SHOWER AVAILABLE

Work Hygienic Practices:
N/P

Supplemental Safety and Health:
4 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.

Health Hazards Data

LD50LC50Mixture:
N/P

Route Of Entry Inds - Inhalation:
N/P

Skin:
N/P

Ingestion:
N/P

Carcinogenicity Inds - NTP:
N/P

IARC:
N/P

OSHA:
N/P

Health Hazards Acute And Chronic:
N/P 2

Explanation Of Carcinogenicity:
N/P

Signs And Symptions Of Overexposure:
SKIN/EYES:MAY CAUSE MILD IRRITATION;INHAL:MILD IRRIT TO MUC MEMB;INGEST:LG DOSES CAUSE GI DISTURBNC.

Medical Cond Aggravated By Exposure:
N/P

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.

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.

Neutralizing Agent:
N/P

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.

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.

Fire and Explosion Hazard Information

Flash Point Method:
N/P 3

Flash Point:

Flash Point Text:
NONE

Autoignition Temp:

Autoignition Temp Text:
N/A

Lower Limits:
N/R

Upper Limits:
N/R

Extinguishing 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.

Physical/Chemical Properties

HCC:
N1

NRC/State LIC No:

Net Prop WT For Ammo:

Boiling Point:

B.P. Text:
N/R

Melt/Freeze Pt:

M.P/F.P Text:
N/A

Decomp Temp:

Decomp Text:
N/A

Vapor Pres:
N/R

Vapor Density:
N/R

Volatile Org Content %:

Spec Gravity:
N/K

VOC Pounds/Gallon:

PH: N/P

VOC Grams/Liter:

Viscosity:
N/P

Evaporation Rate & Reference:
N/R

Solubility in Water:
NEGLEGIBLE

Appearance and Odor:
FINE,BLUISH-PURPLE CRYSTALS,ODORLESS.

Percent Volatiles by Volume:
N/R

Corrosion Rate:
N/P

Reactivity Data

Stability Indicator:
YES

Stability Condition To Avoid:
EXCESSIVE HEAT MOISTURE

Materials To Avoid:
NO INFORMATION FOUND.

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

Hazardous Polymerization Indicator:
NO 5

Conditions To Avoid Polymerization:
NOT KNOWN

Toxicological Information

Information:N/P

MSDS Transport Information

Information:N/P

Regulatory Information

Sara Title III Information: N/P

Federal Regulatory Information: N/P

State Regulatory Information: N/P

Other Information

Other Information:N/P