

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-547/547-58-0.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
547-58-0
Code:
M

RTECS:
DB6327000
Code:
M

Name:
METHYL ORANGE CAS#140-56-7(SOLUTIONS VARY FROM 0.

Other REC Limits:
N/P

OSHA PEL:
N/P
Code:

OSHA STEL:

Code:

ACGIH TLV:
NOT ESTABLISHED
Code:
M

ACGIHSTEL:
N/P
Code:

Control Measures

Respiratory Protection:
NO SPECIAL REQMNTS UNDER ORDINARY CONDITIONS/ADEQUATE VENT.

Ventilation:
MECH(GEN)OR LOCAL EXHAUST THAT PROVIDES ADEQUATE VENTILATION

Protective Gloves:
PV/RUBBER

Eye Protection:
4 GOGGLES

Other Protective Equipment:
Equipment AS REQUIRED TO PREVENT PROLONGED CONTACT.

Work Hygienic Practices:
N/P

Supplemental Safety and Health:
N/P

Health Hazards Data

LD50LC50Mixture:
N/K

Route Of Entry Inds - Inhalation:
NO

Skin:
YES

Ingestion:
NO

Carcinogenicity Inds - NTP:
N/P

IARC:
N/P

OSHA:
N/P

Health Hazards Acute And Chronic:
N/K

Explanation Of Carcinogenicity:
N/K

Signs And Symptions Of Overexposure:
MAY CAUSE SKIN AND EYE IRRITATION CONTAC.AVOID SKIN CONTACT. ORL RAT LD50:60/KG,ORL RBT LD50:150/KG

Medical Cond Aggravated By Exposure:
NONE KNOWN

First Aid:
EYE CONTACT:FLUSH WITH PLENTY OF WATER CALL PHYSICIAN SKIN CONTACT:WASH WITH SOAP AND WATER. INGESTION:IF PATIENT CONSCIOUS.HAVE PATIENT DRINK WATER OR MILK AND CALL A DOCTOR.

Spill Release Procedures:
DILUTE WITH WATER AND RECOVER IT INTO A CONTAINER FOR FURTHER DISPOSAL.

Neutralizing Agent:
N/P

Waste Disposal Methods:
DISPOSAL IN ACCOREANCE WITH LOCAL,STATE AND FEDERAL REGULATIONS.

Handling And Storage Precautions:
3 USE NORMAL PROCEDURES AND HYGIENE PRACTICE FOR HANDLING CHEMICAL

Other Precautions:
AVOID SKIN AND EYE EXPOSURE

Fire and Explosion Hazard Information

Flash Point Method:
N/P

Flash Point:

Flash Point Text:
NOT FLAMMABLE

Autoignition Temp:

Autoignition Temp Text:
N/A

Lower Limits:
N/A

Upper Limits:
N/A

Extinguishing Media:
WATER

Fire Fighting Procedures:
NONE

Unusual Fire/Explosion Hazard:
WHEN HEATED TO DECOMPOSITION;BENZENE AND OTHER DANGEROUS FUMES CAN OCCUR

Physical/Chemical Properties

HCC:
N1

NRC/State LIC No:

Net Prop WT For Ammo:

Boiling Point:

B.P. Text:
212F/100C

Melt/Freeze Pt:

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

Decomp Temp:

Decomp Text:
N/A

Vapor Pres:
N/K

Vapor Density:
N/K

Volatile Org Content %:

Spec Gravity:
1.0

VOC Pounds/Gallon:

PH: N/P

VOC Grams/Liter:

Viscosity:
N/P

Evaporation Rate & Reference:
1 (WATER=1)

Solubility in Water:
COMPLETE

Appearance and Odor:
ORANGE:ODORLESS LIQUID

Percent Volatiles by Volume:
100

Corrosion Rate:
N/P

Reactivity Data

Stability Indicator:
5 YES

Stability Condition To Avoid:
NONE

Materials To Avoid:
NONE

Hazardous Decomposition Products:
BENZENE

Hazardous Polymerization Indicator:
NO

Conditions To Avoid Polymerization:
NOT SPECIFIED BY THE MFR.

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



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