

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-778/7785-87-7.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
7785-87-7
Code:
M

RTECS:
OP1050000
Code:
M

Name:
MANGANESE SULFATE

Other REC Limits:
N/P

OSHA PEL:
C, 5 MG/M3 (MN)
Code:
M

OSHA STEL:

Code:

ACGIH TLV:
5 MG/M3 DUST (MN)
Code:
M

ACGIHSTEL:
N/P
Code:

Control Measures

Respiratory Protection:
WEAR CARTRIDGE RESPIRATOR OR FULL FACE GAS MASK IF REQUIRED.

Ventilation:
MECHANICAL (GEN) RECOMMENDED

Protective Gloves:
4 CHEM RESISTANT

Eye Protection:
GOGGLES/FACE SHIELD

Other Protective Equipment:
Equipment NORMAL LAB-WEAR.

Work Hygienic Practices:
N/P

Supplemental Safety and Health:
MSDS DATED 10/86. FOR USE IN WQAS TEST KIT, NSN 6630-00-140-7826

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

Explanation Of Carcinogenicity:
N/P

Signs And Symptions Of Overexposure:
CONTACT MAY IRRIT EYES,SKIN & MUCOUS MEMBRANES. POSSIBLE HARMFUL IF SWALLOWED.

Medical Cond Aggravated By Exposure:
N/P

First Aid:
SKIN:WASH W/SOAP & WATER. EYES:FLUSH W/LG AMT WATER FOR 15 MINUTES. GET MEDICAL ATTN. INHAL:NOT A PROBLEM. INGEST:GET MEDICAL ATTENTION.

Spill Release Procedures:
ABSORB W/SAND OR VERMICULITE, TAKE UP & CONTAINERIZE FOR PROPER DISPOSAL.

Neutralizing Agent:
N/P 3

Waste Disposal Methods:
DISPOSE I/A/W ALL LOCAL, STATE & FEDERAL REGULATIONS.

Handling And Storage Precautions:
KEEP CONTAINER TIGHTLY CLOSED & PROTECTED AGAINST PHYSICAL DAMAGE. STORE IN A COOL,DRY,WELL VENTILATED AREA AWAY FM DIRECT SUNLIGHT,HEAT,ACIDS,OXID

Other Precautions:
NONE

Fire and Explosion Hazard Information

Flash Point Method:
N/P

Flash Point:

Flash Point Text:
NONE

Autoignition Temp:

Autoignition Temp Text:
N/R

Lower Limits:
N/R

Upper Limits:
N/R

Extinguishing Media:
DRY CHEMICAL

Fire Fighting Procedures:
WEAR SELF CONTAINED BREATHING APPARATUS & PROTECTIVE CLOTHING

Unusual Fire/Explosion Hazard:
NONE

Physical/Chemical Properties

HCC:
N1

NRC/State LIC No:
N/R

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:
16

Vapor Density:
N/R

Volatile Org Content %:

Spec Gravity:
1.3

VOC Pounds/Gallon:

PH: N/P

VOC Grams/Liter:

Viscosity:
N/K

Evaporation Rate & Reference:
1(WATER=1)

Solubility in Water:
COMPLETE

Appearance and Odor:
CLEAR, PINK LIQUID. NO ODOR. 5

Percent Volatiles by Volume:
64

Corrosion Rate:
N/P

Reactivity Data

Stability Indicator:
YES

Stability Condition To Avoid:
NONE

Materials To Avoid:
STRONG ACIDS, BASES OXIDIZERS

Hazardous Decomposition Products:
OXIDES OF SULFUR

Hazardous Polymerization Indicator:
NO

Conditions To Avoid Polymerization:
N/R

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