

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-124/12427-38-2.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:

12427-38-2

Code:

M

RTECS:

OP0700000

Code:

M

Name:

MANEB (SARA III)

Other REC Limits:

N/P

OSHA PEL:

NOT ESTABLISHED

Code:

M

OSHA STEL:**Code:****ACGIH TLV:**

NOT ESTABLISHED

Code:

M

ACGIH STEL:

N/P

Code:

Control Measures

Respiratory Protection:

NIOSH/MSHA APPROVED RESP DEVICE IN ACCORD WITH EXPOSURE OF CONCERN

Ventilation:

MECHANICAL LOCAL EXHAUST

Protective Gloves:

IMPERVIOUS

Eye Protection:

SAFETY GLASSES

Other Protective Equipment:

Equipment EYEWASH FACILITY,EMERGENCY SHOWER,CLEAN OUTER CLOTH DAILY.

Work Hygienic Practices:

N/P

Supplemental Safety and Health:

5 MAGANESE & ZINC COMPLEX-EBDC,A COORDINATION PRODUCT,COMPRIZE 80% OF PRODUCT BY WEIGHT.

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 3

Explanation Of Carcinogenicity:

N/P

Signs And Symtoms Of Overexposure:

EYE CONT:INFLAM OF RETINA.SKIN:IRRIT. INHALATION:CAN CAUSE PROGRESSIVE POISONING.

Medical Cond Aggravated By Exposure:

N/P

First Aid:

INHAL:MOVE TO FRESH AIR.EYE CONT:FLUSH WITH WATER 15 MIN. CONSULT A DR.SKIN:WASH AREA WITH SOAP & WATER.INGESTION:INDUCE VOMITING IMMEDIATELY. CALL A DR.

Spill Release Procedures:

SWEEP OR SHOVEL INTO CONTAINERS FOR DISPOSAL OR REWORK.KEEP DUSTING TO A MINIMUM.FLUSH CONTAMINATED AREA WITH A LARGE AMOUNT OF WATER TO A CHEMICAL OR SANITARY SEWER.CONTAINING A SETTLING PIT. KEEP SO LIDS OUT OF MUNICIPAL SEWER OR OPEN BODIES WATER

Neutralizing Agent:

N/P

Waste Disposal Methods:

IF PRACTICAL,LARGE AMOUNTS SHOULD BE RECOVERED FOR USE,OTHERWISE DISPOSE OF IN A SECURE LANDFILL.SMALL AMOUNTS MAY BE LANDFILLED ACCORDING TO LOCAL,STATE & FEDRAL REGS.RINSE EMPTY CONTAINERS WITH WATER DIRECT WASH TO A SANITARY OR CHEM SEWER.

Handling And Storage Precautions:

STORE AT TEMPS BELOW 100F.KEEP AWAY FROM FIRES,SPARKS & HOT SURFACES.STORE INSIDE A COOL,DRY,WELL-VENTED AREA.KEEP CONT CLOSED WHEN NOT IN USE.

Other Precautions:

WORKERS SHOULD TAKE A SHOWER AT THE END OF EACH SHIFT.

Fire and Explosion Hazard Information

Flash Point Method:

N/P 4

Flash Point:**Flash Point Text:**

280F/137C (TOC)

Autoignition Temp:**Autoignition Temp Text:**

N/A

Lower Limits:**Upper Limits:****Extinguishing Media:**

CO2,DRY CHEMICAL,WATER FOG

Fire Fighting Procedures:

SELF-CNTND BRTHG APP,WATER SPRAY TO COOL CONTAINERS.

Unusual Fire/Explosion Hazard:

TOXIC AND FLAMMABLE GASES ARE EVOLVED WHEN MATERIAL IS HEATED ABOVE 176F/80C.

Physical/Chemical Properties

HCC:

N1

NRC/State LIC No:

N/A

Net Prop WT For Ammo:

N/P

Boiling Point:**B.P. Text:**

N/A

Melt/Freeze Pt:**M.P./F.P. Text:**

N/A

Decomp Temp:**Decomp Text:**

N/A

Vapor Pres:

N/P

Vapor Density:

N/P

Volatile Org Content %:**Spec Gravity:**

N/P

VOC Pounds/Gallon:**PH:**

N/P

VOC Grams/Liter:**Viscosity:**

N/P

Evaporation Rate & Reference:

N/P

Solubility in Water:

NEGLIGIBLE

Appearance and Odor:

SLIGHT SULFUR ODOR.

Percent Volatiles by Volume:

<3

Corrosion Rate:

N/P

Toxicological Information

Information:

N/P

MSDS Transport Information

Information:

N/P

Regulatory Information

Sara Title III Information:

N/P

Federal Regulatory Information:

N/P

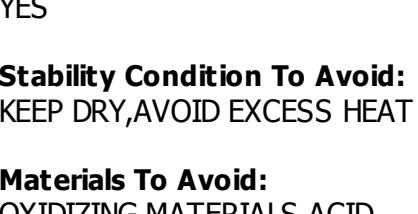
State Regulatory Information:

N/P

Other Information

Other Information:

N/P



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