

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-92/92-84-2.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:

92-84-2

Code:

M

RTECS:

SN5075000

Code:

M

Name:

PHENOTHIAZINE Environmental Wt: Other REC Limit

Other REC Limits:

NONE RECOMMENDED

OSHA PEL:

NOT RELEVANT

Code:

M

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

NOT RELEVANT

Code:

M

ACGIH STEL:

N/P

Code:

Control Measures

Respiratory Protection:

NONE NORMALLY REQUIRED. IF WORKING IN CONFINED AREAS, IF EXCESSIVE MISTING IS EXPECTED OR IF EXPOSURE MAY OR DOES EXCEED RECOMMENDED PERMISSIBLE EXPOSURE LIMITS (PEL), WEAR NIOSH-APPROVED ORGANIC VAPO R RESPIRATOR.

Ventilation:

GENERAL ROOM VENTILATION SHOULD BE SUFFICIENT.

Protective Gloves:

NITRILES IF PROLONGED/REPEATED CONTACT

Eye Protection:

SAFETY GOGGLES IF SPLASHING ANTICIPATED

Other Protective Equipment:

Equipment EYE WASH STATION AND SAFETY SHOWER. INDUSTRIAL-TYPE WORK CLOTHING AND APRON AS REQUIRED.

Work Hygienic Practices:

OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES. DISCARD CONTAMINATED LEATHER GLOVES AND SHOES.

Supplemental Safety and Health:

FORMULA CHANGED. FOR PREVIOUS FORMULATIONS, SEE PNI A, B AND C, SAME NSN.

Health Hazards Data

LD50/LC50 Mixture:

TLV FOR OIL MIST IS 5 MG/M3.

Route Of Entry Inds - Inhalation:

YES

Skin:

NO

Ingestion:

NO

Carcinogenicity Inds - NTP:

NO

IARC:

NO

OSHA:

NO

Health Hazards Acute And Chronic:

2 TARGET ORGANS: EYES, SKIN, RESPIRATORY & GI TRACTS. ACUTE- IRRITATING TO EYES AND SKIN. MAY CAUSE MILD SKIN SENSITIZATION. INHALATION OF VAPOR (GENERATED AT HIGH TEMPERATURES ONLY) OIL MIST MAY CAUSE MILD IRRITATION OF RESPIRATORY TRACT. LOW ORDER OF ACUTE ORAL TOXICITY. CHRONIC- SKIN SENSITIZATION (RASHES).

Explanation Of Carcinogenicity:

NONE

Signs And Symptoms Of Overexposure:

IRRITATION, NAUSEA, SKIN SENSITIZATION

Medical Cond Aggravated By Exposure:

PERSONS WITH PRE-EXISTING SKIN DISORDERS OR EYE PROBLEMS MAY BE MORE SUSCEPTIBLE TO THE EFFECTS OF THIS PRODUCT.

First Aid:

GET MEDICAL HELP IF SYMPTOMS PERSIST. INHALED: MOVE TO FRESH AIR. PROVIDE OXYGEN IF NEEDED. EYES: FLUSH WITH WATER FOR 15 MINUTES. HOLD EYELIDS OPEN. SKIN: WIPE OFF EXCESS. WASH SKIN WITH SOAP & WATER. ORAL: DO NOT INDUCE VOMITING. IN GENERAL, NO TREATMENT IS NECESSARY UNLESS LARGE QUANTITIES OF PRODUCT ARE INGESTED. GET MEDICAL ATTENTION. NOTE TO PHYSICIAN: EMESIS NOT NEEDED IN MOST OILS & GREASES .

Spill Release Procedures:

PICK UP SPILL WITH INERT MATERIAL SUCH AS SAND, CLAY, EARTH. SHOVEL INTO CONTAINERS FOR DISPOSAL. PREVENT RUN-OFF TO ENTER WATERWAYS, SEWERS. THIS IS AN OIL. SPILLS INTO OR LEADING TO SURFACE WATER THAT CAUSE A SHEEN MUST BE REPORTED: 800-424-8802.

Neutralizing Agent:

NOT RELEVANT

Waste Disposal Methods:

DISPOSE OF IN AN APPROPRIATE DISPOSAL FACILITY IN COMPLIANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS. REUSE IS RECOMMENDED. CONTAINS BARIUM. HAZARDOUS WASTE NUMBER: D005

Handling And Storage Precautions:

STORE IN COOL, DRY, VENTILATED PLACE AWAY FROM FLAMES AND STRONG OXIDIZERS. KEEP OUT OF REACH OF CHILDREN.

Other Precautions:

AVOID CONTACT WITH EYES AND SKIN. WASH THOROUGHLY AFTER HANDLING. LAUNDER CLOTHING BEFORE REUSE. AVOID INHALING MISTS. EMPTY CONTAINERS OF THIS PRODUCT MAY BE HAZARDOUS DUE TO THE RETENTION OF RESIDUE S. DO NOT TAKE INTERNALLY.

Fire and Explosion Hazard Information

Flash Point Method:

N/P

Flash Point:

=226.7C, 440.F

Flash Point Text:**Autoignition Temp:****Autoignition Temp Text:**

N/K

Lower Limits:

UNKNOWN

Upper Limits:

UNKNOWN

Extinguishing Media:

WATER FOG, FOAM, DRY CHEMICAL/CARBON DIOXIDE. DON'T USE DIRECT STREAM OF WATER. PRODUCT WILL FLOAT AND CAN BE REIGNITED.

Fire Fighting Procedures:

3 DO NOT ENTER ANY ENCLOSED OR CONFINED AREA WITHOUT PROPER PROTECTIVE EQUIPMENT AND NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS.

Unusual Fire/Explosion Hazard:

TOXIC GASES MAY BE FORMED. DOES NOT BURN UNLESS PREHEATED.

Physical/Chemical Properties

HCC:

V6

NRC/State IC No:

NOT RELEVANT

Net Prop WT For Ammo:**Boiling Point:****B.P. Text:**

UNKNOWN

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

UNKNOWN

Decomp Temp:**Decomp Text:**

UNKNOWN

Vapor Pres:

UNKNOWN

Vapor Density:

UNKNOWN

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

0.92

VOC Pounds/Gallon:**PH:**

N/R

VOC Grams/Liter:**Viscosity:**

10,600CS @65F

Evaporation Rate & Reference:

UNKNOWN

Solubility in Water:

NEGLIGIBLE

Appearance and Odor:

AMBER LIQUID - MILD ODOR

Percent Volatiles by Volume:

N/K

Corrosion Rate:

UNKNOWN

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

Other Information:</div