

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-92/92-24-0.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
92-24-0
Code:
M

RTECS:
QI7605000
Code:
M

Name:
NAPHTHACENE; (TETRACENE)

Other REC Limits:
N/K

OSHA PEL:
N/K (FP N)
Code:
M

OSHA STEL:

Code:

ACGIH TLV:
N/K (FP N)
Code:
M

ACGIHSTEL:
N/P
Code:

Control Measures

Respiratory Protection:
NIOSH/MSHA APPROVED RESPIRATOR APPROPRIATE FOR EXPOSURE OF CONCERN (FP N). RESPIRATORY PROTECTION NOT NORMALLY NEEDED. AVOID PROLONGED BREATHING OF DECOMPOSITION PRODUCTS.

Ventilation:
USE ONLY IN OPEN AREAS WITH ADEQUATE VENTILATION.

Protective Gloves:
IMPERVIOUS GLOVES (FP N).

Eye Protection:
ANSI APPRVD CHEM WORKERS GOGGS (FP N).

Other Protective Equipment:
Equipment NONE SPECIFIED BY MANUFACTURER.

Work Hygienic Practices:
NONE SPECIFIED BY MANUFACTURER.

Supplemental Safety and Health:
EXPLAN OF CARCIN:ANIMAL:LUNG, LIVER,SALIVARY, MAMMARY GLAND(TUMOR). SPILL PROC:ENERGETIC MATL. USE NON-SPK TOOLS & AVOID SUBJECT MATL TO MECH SHOCK. IF ADDNL MATL MANAGEMENT INFO REQD, CNTCT MFR AT 90 4-584-2634. IN CASE OF FIRE, USE NORM FIRE-FIGHT EQUIP. USE NIOSH/MSHA APPRVD SCBA IF SMOKE FROM INCIDENT IS BRTHG HAZ.

Health Hazards Data

LD50LC50Mixture:
NONE SPECIFIED BY MANUFACTURER.

Route Of Entry Inds - Inhalation:
YES

Skin:
YES

Ingestion:
NO

Carcinogenicity Inds - NTP:
YES

IARC:
YES

OSHA:
NO

Health Hazards Acute And Chronic:
CHLOROCARBON MATLS HAVE PRDCED SENSIT OF MYOCARDIUM TO EPINEPHRINE IN LAB ANIMALS & COULD HAVE SIMILAR EFT IN HUMANS. ADRENOMIMETICS (EG, EPINEPHRINE) MAY BE CONTRA-INDICATED EXCEPT FOR LIFE-SUSTAININ G USES IN HUMANS ACUTELY/CHRONICALLY 4 EXPOSED TO CHLOROCARBONS (FP N). INHAL/SKIN/EYES: MINOR IRRIT. (EFTS OF OVEREXP)

Explanation Of Carcinogenicity:
METHYLENE CHLORIDE:IARC MONO SUPP, V7, PG 194, 1987:GRP 2B. NTP 7TH ANNUAL RPT ON CARCINS, 1994:ANTIC CARCIN. (SUPDAT)

Signs And Symptions Of Overexposure:
HLTH HAZ: CHRONIC: LEAD APPEARS ON NAVY LIST OF OCCUP CHEM REPRO HAZS. SEEK CONSULTATION FROM APPROP HLTH PROFESSIONALS CONCERNING LATEST HAZ LIST INFO & SAFE HNDLG & EXPOS INFO (FP N). INHAL: MAY CAU SE DAMAGE TO BLOOD & CENTRAL NERVOUS SYSTEM. POSS CARCIN WHEN EXPOS TO DECOMP PRODS AT HIGH CONCS. SKIN: MINOR IRRIT.

Medical Cond Aggravated By Exposure:
NONE KNOWN OR REPORTED.

First Aid:
INGEST: CALL MD IMMEDIATELY (FP N). SKIN: FLUSH WITH COPIOUS AMOUNTS OF WATER. CALL MD (FP N). FOR BURNS USE STANDARD FIRST AID METHODS. EYES: IMMEDIATELY FLUSH W/LARGE AMOUNTS OF WATER FOR AT LEAST 1 5 MINUTES, OCCASIONALLY LIFTING UPPER &LOWER EYELIDS. IF EYE IRRITATION DEVELOPS, CALL MD. INHAL: REMOVE TO FRESH AIR. CONSULT MD IF IRRITATION OCCURS.

Spill Release Procedures:
CONSULT FED, STATE & LOC REGS FOR ANY RPT/NOTIFICATION REQS. PROD MAY REPRESENT EXPLO HAZ. REMOVE ALL SOURCES OF IGNIT. S SOURCE AS SOON AS POSS & NOTIFY APPROP PERS. MATL SPILL SHOULD ONLY BE ADDR ESSED BY PERS EXPERIENCED IN HNDLG (SUPDAT)

Neutralizing Agent:
NONE SPECIFIED BY MANUFACTURER.

Waste Disposal Methods:
DISPOSAL OF MATERIAL, DECOMPOSITION PRODUCTS AND EMPTY CONTAINERS IN ACCORDANCE WITH ALL LOCAL, STATE AND FEDERAL REGULATIONS.

Handling And Storage Precautions:
STORE IN COOL, DRY PLACE AWAY FROM ALL SOURCES OF IGNITION. DO NOT STORE AT TEMPERATURE ABOVE 150F (65.5C). DO NOT SUBJECT TO MECHANICAL SHOCK.

Other Precautions:
NO SMKNG IN AREA OF USE. DO NOT USE IN GEN VICIN OF ARC WELDING, OPEN FLAMES/HOT SURFS. HEAT &/OR UV RADIA MAY CAUSE FORM OF HCL &/OR PHOSGENE (FP N). SHELF LIFE INDEFINITE @ 50-90F & 35% RELATIVE HUM IDITY. PACKAGE ONLY IN DOT APPRVD CNTNR.

Fire and Explosion Hazard Information

Flash Point Method:
N/P

Flash Point:

Flash Point Text:
N/A

Autoignition Temp:

Autoignition Temp Text:
N/A

Lower Limits:
N/A

Upper Limits:
N/A

Extinguishing Media:
WATER SPRAY. APPLY BY MECH MEANS ONLY. FIGHT ALL FIRES FROM REMOTE & EXPLO RESISTANT SITE. EVACUATE ALL NON-ESSNTL PERS.

Fire Fighting Procedures:
WEAR NIOSH/MSHA APPROVED PRESSURE DEMAND SCBA AND FULL PROTECTIVE EQUIPMENT (FP N). USE WATER TO COOL CONTAINERS EXPOSED TO FIRE. 5

Unusual Fire/Explosion Hazard:
THERMAL DECOMPOSITION PRODUCTS MAY INCLUDE HCL AND PHOSGENE (FP N).

Physical/Chemical Properties

HCC:

NRC/State LIC No:

Net Prop WT For Ammo:

Boiling Point:

B.P. Text:
N/K

Melt/Freeze Pt:

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

Decomp Temp:

Decomp Text:
>180F,>82C

Vapor Pres:
N/K

Vapor Density:
N/A

Volatile Org Content %:

Spec Gravity:
N/A

VOC Pounds/Gallon:

PH: N/A

VOC Grams/Liter:

Viscosity:
N/P

Evaporation Rate & Reference:
N/A

Solubility in Water:
N/A

Appearance and Odor:
6" LONG X 2" DIAMETER MOLDED PLASTIC HOUSING W/REMOVABLE PLASTIC CAP.

Percent Volatiles by Volume:
N/A

Corrosion Rate:
N/K 6

Reactivity Data

Stability Indicator:
YES

Stability Condition To Avoid:
TEMPERATURES ABOVE 82C. OPEN FLAMES.

Materials To Avoid:
NOT APPLICABLE.

Hazardous Decomposition Products:
HCL, PHOSGENE (FP N). COMPOUNDS OF LEAD, BARIUM, CARBON DIOXIDE.

Hazardous Polymerization Indicator:
NO

Conditions To Avoid Polymerization:
NOT RELEVANT

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