

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-637/637-01-4.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
637-01-4
Code:
M

RTECS:

Code:
X

Name:
N,N,N',N'-TETRAMETHYL-P-PHENYLENEDIAMINE DIHYDROC

Other REC Limits:
N/K

OSHA PEL:
N/K
Code:
M

OSHA STEL:

Code:

ACGIH TLV:
N/K
Code:
M N/P

ACGIHSTEL:
EPA Rpt Qty: DOT Rpt Qty: Ozone Depleting Chem
Code:
1 ACGIH STEL:

Control Measures

Respiratory Protection:
OSHA APPROVED RESPIRATOR.

Ventilation:
MECHANICAL EXHAUST RECOMMENDED

Protective Gloves:
REQUIRED

Eye Protection:
SAFETY GLASSES

Other Protective Equipment:
Equipment N/K

Work Hygienic Practices:
N/K

Supplemental Safety and Health:
THE CONCENTRATION OF THE PRODUCT IS <750 UG/SWAB. PHYSICAL DATA CONT'D: MELTING POINT: 431.6-435.2F.

Health Hazards Data

LD50LC50Mixture:
N/P

Route Of Entry Inds - Inhalation:
YES

Skin:
YES

Ingestion:
YES

Carcinogenicity Inds - NTP:
NO

IARC:
NO

OSHA:
NO

Health Hazards Acute And Chronic:
HARMFUL BY INHALATION, INGESTION/ABSORPTION THROUGH THE SKIN. THE CHEMICAL MAY CAUSE LOCAL IRRITATION IF ALLOWED TO CONTACT SKIN. IRRITATION MAY RESULT IF AFFECTED SKIN IS ALLOWED TO CONTACT THE EYES/ MUCOUS MEMBRANES OF THE NOSE/MOUTH.

Explanation Of Carcinogenicity:
NONE

Signs And Symptoms Of Overexposure:
MAY BE HARMFUL BY INHALATION, INGESTION/ABSORPTION THROUGH THE SKIN. THE CHEMICAL MAY CAUSE LOCAL IRRTATION IF ALLOWED TO CONTACT SKIN. IRRITATION MAY RESULT IF AFFECTED SKIN IS ALLOWED TO CONTACT THE EYES/MUCOUS MEMBRANES OF THE NOSE/MOUTH.

Medical Cond Aggravated By Exposure:
N/K

First Aid:
MAY BE HARMFUL IF INGESTED, INHALED/ABSORBED THROUGH SKIN. WASH CONTACTED AREA W/WATER FOR 15 MINS. INHALATION: REMOVE TO FRESH AIR. OBTAIN MEDICAL ATTENTION IN ALL CASES.

Spill Release Procedures:
AVOID CONTACT W/MATERIAL. CLEAN UP & PLACE ALL WASTE IN A BAG FOR DISPOSAL. VENTILATE AREA.

Neutralizing Agent:
N/K

Waste Disposal Methods:
MX MATERIAL W/A COMBUSTIBLE SOLVENT & INCINERATE IN A CHEMICAL INCINERATOR EQUIPPED W/AN AFTERBURNER & SCRUBBER IAW/FEDERAL, STATE & LOCAL REGULATIONS.

Handling And Storage Precautions:
THIS MATERIAL IS FOR IN VITRO DIAGNOSTIC USE ONLY. IT IS NOT INTENDED/FOR FOOD, DRUG, HOUSEHOLD, AGRICULTURAL/COSMETIC USE. AVOID SKIN CONTACT.

Other Precautions:
ALL MATERIAL SHOULD BE HANDLED ONLY BY TECHNICALLY QUALIFIED INDIVIDUALS EXPERIENCED IN WORKING W/POTENTIALLY HAZARDOUS CHEMICALS.

Fire and Explosion Hazard Information

Flash Point Method:
N/P

Flash Point:

Flash Point Text:
N/K

Autoignition Temp:

Autoignition Temp Text:
N/A

Lower Limits:
N/K

Upper Limits:
N/K

Extinguishing Media:
WATER SPRAY, CO2, DRY CHEMICAL POWDER

Fire Fighting Procedures:
WEAR PROTECTIVE EQUIPMENT.

Unusual Fire/Explosion Hazard:
NONE

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:
(SEE SUPP)

Decomp Temp:

Decomp Text:
N/K 3

Vapor Pres:
N/K

Vapor Density:
N/K

Volatile Org Content %:

Spec Gravity:
N/K

VOC Pounds/Gallon:

PH: N/K

VOC Grams/Liter:

Viscosity:
N/P

Evaporation Rate & Reference:
N/K

Solubility in Water:
N/K

Appearance and Odor:
CHEMICALS DRIED ON A COTTON SWAB W/WHITE TO PALE GRAY-BLUE SWAB

Percent Volatiles by Volume:
N/K

Corrosion Rate:
N/K

Reactivity Data

Stability Indicator:
YES

Stability Condition To Avoid:
N/K

Materials To Avoid:
STRONG OXIDIZING AGENTS &STRONG BASES.

Hazardous Decomposition Products:
CO, CO2, NITROGEN OXIDES, HYDROGEN CHLORIDE.

Hazardous Polymerization Indicator:
NO

Conditions To Avoid Polymerization:
N/K

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