

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-125/12501-23-4.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
12501-23-4
Code:
M
RTECS:

Code:
X

Name:
PHOSPHOTUNGSTIC ACID

Other REC Limits:
N/K

OSHA PEL:
1 MG/CUM

Code:
M

OSHA STEL:

Code:

ACGIH TLV:
1 MG/CUM

Code:
M

ACGIHSTEL:
N/P

Code:

Control Measures

Respiratory Protection:
NOT REQUIRED IF USED ACCORDING TO PACKAGE INSERT.

Ventilation:
MECHANICAL (GENERAL): RECOMMENDED

Protective Gloves:
DISPOSABLE LATEX

Eye Protection:
SAFETY GLASSES

Other Protective Equipment:
Equipment LAB COAT

Work Hygienic Practices:
REMOVE/LAUNDER CONTAMINATED CLOTHING BEFORE REUSE. FOLLOW GOOD LABORATORY PRACTICES. WASH THOROUGHLY AFTER HANDLING.

Supplemental Safety and Health:
ORAL LD50 INFORMATION IS FOR PHOSPHOTUNGSTIC ACID.

Health Hazards Data

LD50LC50Mixture:
ORAL LD50 (RAT): 3300 MG/KG (SEE SUPP)

Route Of Entry Inds - Inhalation:
YES

Skin:
NO

Ingestion:
YES

Carcinogenicity Inds - NTP:
NO

IARC:
NO

OSHA:
NO

Health Hazards Acute And Chronic:
EYES/SKIN: MAY CAUSE SEVERE IRRITATION. INHALATION: MIST MAY CAUSE SEVERE RESPIRATORY IRRITATION. INGESTION: MAY CAUSE SEVERE IRRITATION OF MOUTH & GI TRACT.

Explanation Of Carcinogenicity:
NONE

Signs And Symptoms Of Overexposure:
IRRITATION.

Medical Cond Aggravated By Exposure:
N/K

First Aid:
EYES: IMMEDIATELY FLUSH W/PLENTY OF WATER FOR 15 MINS. SKIN: IMMEDIATELY FLUSH W/PLENTY OF WATER. INHALATION: REMOVE TO FRESH AIR. OBTAIN MEDICAL ATTENTION IN ALL CASES.

Spill Release Procedures:
ABSORB W/ABSORBENT MATERIAL. PLACE ABSORBENTS INTO SUITABLE LABELED CONTAINER. WASH AREA W/SOAPY WATER & FLUSH WASH TO SEWER W/LARGE AMOUNTS OF WATER.

Neutralizing Agent:
N/K

Waste Disposal Methods:
LANDFILL/INCINERATE IAW/FEDERAL, STATE & LOCAL REGULATIONS.

Handling And Storage Precautions:
KEEP REAGENT BOTTLES CLOSED WHEN NOT IN USE.

Other Precautions:
AVOID CONTACT W/EYES & SKIN. AVOID BREATHING MIST. DON'T EAT, DRINK/SMOKE WHERE REAGENT IS HANDLED. DON'T PIPET BY MOUTH-USE MECHANICAL PIPETTING DEVICE.

Fire and Explosion Hazard Information

Flash Point Method:
N/P

Flash Point:

Flash Point Text:
N/R

Autoignition Temp:

Autoignition Temp Text:
N/A

Lower Limits:
N/R

Upper Limits:
N/R

Extinguishing Media:
APPROPRIATE FOR SURROUNDING FIRE.

Fire Fighting Procedures:
WEAR SCBA & FULL PROTECTIVE CLOTHING.

Unusual Fire/Explosion Hazard:
N/K

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/R

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: 3.6

VOC Grams/Liter:

Viscosity:
N/P

Evaporation Rate & Reference:
N/K

Solubility in Water:
COMPLETE

Appearance and Odor:
CLEAR COLORLESS LIQUID

Percent Volatiles by Volume:
N/K

Corrosion Rate:
N/K

Reactivity Data

Stability Indicator:
YES

Stability Condition To Avoid:
N/R

Materials To Avoid:
STRONG BASES

Hazardous Decomposition Products:
THERMAL DECOMPOSITION MAY EMIT TOXIC PRODUCTS.

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