

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-50/50-18-0.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
50-18-0
Code:
M

RTECS:
RP5950000
Code:
M

Name:
CYCLOPHOSPHAMIDE (SARA III)

Other REC Limits:
NK

OSHA PEL:
NOT ESTABLISHED
Code:
M

OSHA STEL:

Code:

ACGIH TLV:
NOT ESTABLISHED
Code:
M

ACGIHSTEL:
N/P
Code:

Control Measures

Respiratory Protection:
APPROVED TOXIC DUST MASK OR AEROSOL MASK(MFG)USE NIOSH/MSHA APPROVED RESPIRATOR APPROPRIATE FOR EXPOSURE OF CONCERN(FP N)

Ventilation:
LOCAL:VERTICAL LAMINAR FLOW HOOD. HEPA FILTER TO OUTSIDE

Protective Gloves:
SYNTHETIC OR RUBBER GLOVES

Eye Protection:
SPLASH GOGGLES

Other Protective Equipment:
Equipment LONG SLEEVE,IMPERMEABLE DISPOSABLE GOWN WITH ELASTIC CUFFS.

Work Hygienic Practices:
OBSERVE GOOD HYGIENIC WORK PRACTICES(FP N)

Supplemental Safety and Health:
4 CARC:OSHA-SUSPECT CHEMICAL SOURCEBOOK FLOOR LIST

Health Hazards Data

LD50LC50Mixture:
N/P

Route Of Entry Inds - Inhalation:
YES

Skin:
YES

Ingestion:
YES

Carcinogenicity Inds - NTP:
YES

IARC:
YES

OSHA:
YES

Health Hazards Acute And Chronic:
ACUTE:NAUSEA,VOMITING,LEUKOPENIA,HAIR LOSS. CHRONIC:LEUKOPENIA,HAIR LOSS,CYSTITIS. 2

Explanation Of Carcinogenicity:
NTP-LISTED AS KNOWN TO BE CARCINOGENIC.IARC-SUPPLEMENT 4 LISTED"SUFFICIENT EVIDENCE FOR CARCINICITY IN HUMANS (SUPP DATA

Signs And Symptions Of Overexposure:
NAUSEA,VOMITING,LEUKOPENIA HAIR LOSS.

Medical Cond Aggravated By Exposure:
UNDETERMINED

First Aid:
INHALE:SEEK MEDICAL ATTENTION EYE:IRRIGATE WITH COPIOUS AMOUNTS OF WATER OR PHYSIOLOGICAL SALINE FOR AT LEAST 15 MINUTES(FP N).SKIN:WASH WITH SOAP AND WATER.INGESTION:SEEK MEDICAL ATTENTION.

Spill Release Procedures:
WASH AREA WITH COPIOUS AMOUNTS OF WATER.

Neutralizing Agent:
N/P

Waste Disposal Methods:
MIX WITH SODIUM HYPOCHLORITE,DISPOSE IN ACCORDANCE WITH YOUR PROCEDURE FOR HAZARDOUS WASTE DISPOSAL TO MEET LOCAL,STATE AND FEDERAL REGULATIONS.

Handling And Storage Precautions:
POTENT ANTI-CANCER DRUG.CAUTION IN THE HANDLING AND USE MUST BE EXERCISED.IF POWDER OR SOLUTION CONTACTS SKIN OR MUCOSAE.WASH THOROUGHLY W/SOAP & H*2O

Other Precautions:
SEE PRODUCT INSERT FOR FURTHER INFORMATION

Fire and Explosion Hazard Information

Flash Point Method:
N/P 3

Flash Point:

Flash Point Text:
NA

Autoignition Temp:

Autoignition Temp Text:
N/A

Lower Limits:
NONFLAMMABLE

Upper Limits:
NONFLAMMABLE

Extinguishing Media:
NA

Fire Fighting Procedures:
NA

Unusual Fire/Explosion Hazard:
WHEN HEATED TO DECOMPOSITION IT EMIT HIGHLY TOXIC FUMES OF OXIDES OF PHOSPHOROUS AND NITROGEN.

Physical/Chemical Properties

HCC:
N1

NRC/State LIC No:

Net Prop WT For Ammo:

Boiling Point:

B.P. Text:
NA

Melt/Freeze Pt:

M.P/F.P Text:
NA

Decomp Temp:

Decomp Text:
N/A

Vapor Pres:
NA

Vapor Density:
NA

Volatile Org Content %:

Spec Gravity:
NA

VOC Pounds/Gallon:

PH: N/P

VOC Grams/Liter:

Viscosity:
N/P

Evaporation Rate & Reference:
NA

Solubility in Water:
40G/L

Appearance and Odor:
WHITE POWDER

Percent Volatiles by Volume:
N/P

Corrosion Rate:
N/P

Reactivity Data

Stability Indicator:

Stability Condition To Avoid:

Materials To Avoid:

Hazardous Decomposition Products:

Hazardous Polymerization Indicator:

Conditions To Avoid Polymerization:

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