

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-183/18378-89-7.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
18378-89-7
Code:
M

RTECS:
PZ2800000
Code:
M

Name:
PLICAMYCIN (AKA MITHRAMYCIN)

Other REC Limits:
NONE RECOMMENDED

OSHA PEL:
NOT ESTABLISHED
Code:
M

OSHA STEL:

Code:

ACGIH TLV:
NOT ESTABLISHED
Code:
M

ACGIHSTEL:
N/P
Code:

Control Measures

Respiratory Protection:
USE 3M 8710 DUST RESPIRATOR OR HEPA FILTER CARTRIDGE RESPIRATOR

Ventilation:
MECHANICAL

Protective Gloves:
CHEMICAL RESISTANT

Eye Protection:
DUST GOGGLES

Other Protective Equipment:
Equipment TYVEX SUITS

Work Hygienic Practices:
USE CAUTION. USE 3M 8710 DUST RESPIRATOR AND CHEMICAL RESISTANT GLOVES. PREPARE IN VERTICAL FLOW HOOD IF POSSIBLE.

Supplemental Safety and Health:
KEY2:KT THIS MATERIAL IS A DRUG. IT MUST BE HANDLED ONLY BY THOSE FAMILIAR WITH INJECTABLE DRUG ADMINISTRATION.

Health Hazards Data

LD50LC50Mixture:
LD50 (ORAL RAT) IS UNKNOWN

Route Of Entry Inds - Inhalation:
YES

Skin:
YES

Ingestion:
NO

Carcinogenicity Inds - NTP:
NO

IARC:
NO

OSHA:
NO

Health Hazards Acute And Chronic:
PLICAMYCIN IS A POISON BY INTRAVENOUS, INTRAPERITONEAL, SUBCUTANEOUS AND OTHER ROUTES. AN EXPERIMENTAL TERATOGEN. EXPERIMENTAL REPRODUCTIVE EFFECTS (HUMAN MUTAGENIC DATA).

Explanation Of Carcinogenicity:
MANUFACTURED GAVE NO COMMENTS OTHER THAN THE REFERENCE TO THE THREE LISTINGS.

Signs And Symptoms Of Overexposure:
2 INGESTION: HEADACHE, RASH, FEVER, NAUSEA, VOMITING, DROWSINESS, NOSE BLEED, LOSS OF APPETITE, BLEEDING, EPISODES, DECREASED WHITE AND RED BLOOD CELL COUNTS, LIVER & KIDNEY DAMAGE AND DECREASED SERUM CALCIUM, PHOSPHORUS AND/OR POTASSIUM.

Medical Cond Aggravated By Exposure:
PATIENTS WITH DEPRESSED WHITE OR RED BLOOD CELLS DUE TO CANCER OR LIVER OR KIDNEY FAILURE.

First Aid:
EYE: WASH OUT SKIN: DUST OFF, FLUSH WITH WATER. TREAT BONE MARROW DEPRESSION. IF INFILTRATED, USE ICE BAG. FOLLOW PLATELET, HEMOGLOBIN, LIVER & RENAL FUNCTION TESTS.

Spill Release Procedures:
AVOID BREATHING OR CREATING DUST. AVOID SKIN CONTACT WITH LIQUID. PREVENT FROM ENTERING OPEN WATERWAYS OR SEWERS.

Neutralizing Agent:
NO INFORMATION GIVEN ON MSDS BY MFR.

Waste Disposal Methods:
COLLECT AND CONTAINERIZE; INCINERATE I/A/W FEDERAL, STATE & LOCAL REGULATIONS.

Handling And Storage Precautions:
TREAT AS A DRUG ITEM & AS PER LABEL INSTRUCTIONS.

Other Precautions:
NONE

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:
BLANK

Upper Limits:
BLANK 3

Extinguishing Media:
WATER FOG, FOAM, DRY CHEMICAL

Fire Fighting Procedures:
USE SELF-CONTAINED BREATHING APPARATUS (SCBA)

Unusual Fire/Explosion Hazard:
DUST HAZARD ONLY

Physical/Chemical Properties

HCC:
4 N1

NRC/State LIC No:
NONE

Net Prop WT For Ammo:

Boiling Point:

B.P. Text:
BLANK

Melt/Freeze Pt:

M.P./F.P Text:
UNKNOWN

Decomp Temp:

Decomp Text:
UNKNOWN

Vapor Pres:
BLANK

Vapor Density:
BLANK

Volatile Org Content %:

Spec Gravity:
BLANK

VOC Pounds/Gallon:

PH: N/K

VOC Grams/Liter:

Viscosity:
N/P

Evaporation Rate & Reference:
BLANK

Solubility in Water:
MODERATE

Appearance and Odor:
LIGHT YELLOW POWDER

Percent Volatiles by Volume:
BLANK

Corrosion Rate:
UNKNOWN

Reactivity Data

Stability Indicator:
YES

Stability Condition To Avoid:
BLANK

Materials To Avoid:
NONE KNOWN

Hazardous Decomposition Products:
BLANK

Hazardous Polymerization Indicator:
NO

Conditions To Avoid Polymerization:
WILL NOT OCCUR

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



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