

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-253/25316-40-9.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
25316-40-9
Code:
M

RTECS:
QI9215900
Code:
M

Name:
DOXRUBIN HYDROCHLORIDE, USP

Other REC Limits:
N/K

OSHA PEL:
N/K
Code:
M

OSHA STEL:

Code:

ACGIH TLV:
N/K
Code:
M

ACGIHSTEL:
N/P
Code:

Control Measures

Respiratory Protection:
USE DUST RESPIRATOR WITH FULL FACEPIECE AND HI-EFFICIENCY FILTER AS REQUIRED.

Ventilation:
LOCAL EXHAUST IN LAMINAR FLOW HOOD; W/HEPA FILTER VENTED TO OUTSIDE AREA.

Protective Gloves:
LATEX, 9MM

Eye Protection:
4 CHEMICAL SPLASH GOGGLES

Other Protective Equipment:
Equipment DISPOSABLE GOWN W/ELASTIC CUFFS, IMPERMEABLE AND LONG SLEEVED.

Work Hygienic Practices:
N/P

Supplemental Safety and Health:
N/P

Health Hazards Data

LD50LC50Mixture:
N/K

Route Of Entry Inds - Inhalation:
YES

Skin:
YES

Ingestion:
YES

Carcinogenicity Inds - NTP:
YES

IARC:
YES

OSHA:
NO

Health Hazards Acute And Chronic:
IRRITANT TO EYES,SKIN; ANTINEOPLASTIC SIDE EFFECTS MAY INCLUDE MYELOSUPPRESSION, ANEMIAS, CARDIOMYOPATHY.

Explanation Of Carcinogenicity:
N/P

Signs And Symptoms Of Overexposure:
ALL EXPOSURES: MILD TO MODERATE IRRITATION. SUPPRESSION OF PLATELET AND RBC IN BLOOD STREAM, CONGESTIVE HEART SYMPTOMS, HYPER-SENSITIZATION, SKIN PIGMENTATION EFFECTS

Medical Cond Aggravated By Exposure:
TARGET ORGANS ARE LIVER, KIDNEY, BONE MARROW, CVS.

First Aid:
EYE: FLUSH 15 MIN W/AMPLE WATER. SKIN: WASH SOAP AND WATER. INHALATION & INGESTION: CALL PHYSICIAN IMMEDIATELY AND TRY TO DETERMINE DOSE RECEIVED.

Spill Release Procedures:
AVOID CREATING DUST. DO NOT INHALE OR INGEST. AVOID EYE, SKIN CONTACT. CONFINE SPILL, DEACTIVATE W/DILUTE NEUTRALIZER SOLUTION UNTIL MIX IS LIGHT YELLOW OR COLORLESS, WASH REMNANT TO SEWER.

Neutralizing Agent:
DILUTE HYPOCHLOROUS ACID (BLEACH).

Waste Disposal Methods:
AFTER DEACTIVATION, FLUSH TO SEWER OR LANDFILL IAW ALL LAWS & REGS.

Handling And Storage Precautions:
3 POTENT ANTICANCER DRUG! HANDLE WITH EXTREME CARE. IF CONTACT W/SKIN OR MUCOSA OCCURS, WASH W/SOAP & WATER. STORE IN SECURE AREA 59-86F (15-30C)

Other Precautions:
IF ADRIAMYCIN POWDER/SOLUTION CONTACTS SKIN/MUCOSAE, IMMEDIATELY WASH THOROUGHLY W/SOAP & WATER. READ PRODUCT INSERT FOR FURTHER INFORM.

Fire and Explosion Hazard Information

Flash Point Method:
N/P

Flash Point:

Flash Point Text:
NONE

Autoignition Temp:

Autoignition Temp Text:
N/A

Lower Limits:

Upper Limits:

Extinguishing Media:
CO*2, DRY CHEMICAL, FOAM

Fire Fighting Procedures:
EVACUATE AREA. USE SCBA PP MODE AND FULL PROTECTIVE GEAR.

Unusual Fire/Explosion Hazard:
NOT APPLICABLE

Physical/Chemical Properties

HCC:
T6

NRC/State LIC No:

Net Prop WT For Ammo:

Boiling Point:

B.P. Text:
N/A

Melt/Freeze Pt:

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

Decomp Temp:

Decomp Text:
N/A

Vapor Pres:
N/A

Vapor Density:
N/A

Volatile Org Content %:

Spec Gravity:
N/P

VOC Pounds/Gallon:

PH: N/K

VOC Grams/Liter:

Viscosity:
N/P

Evaporation Rate & Reference:
N/A

Solubility in Water:
FREELY SOLU

Appearance and Odor:
ODORLESS RED CRYSTALS

Percent Volatiles by Volume:
N/A

Corrosion Rate:
N/K

Reactivity Data

Stability Indicator:
5 YES

Stability Condition To Avoid:
N/K

Materials To Avoid:
N/K

Hazardous Decomposition Products:
ABOVE 399F(204C) TOXIC HCL AND NITROGEN OXIDES ARE RELEASED.

Hazardous Polymerization Indicator:
NO

Conditions To Avoid Polymerization:
N/P

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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