

# 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

**ACGIH STEL:**

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

**LD50/LC50 Mixture:**

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; ANTIKEPLASTIC 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:**

N/A

**Melt/Freeze Pt:****Melt/Freeze Pt 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:**

N/A

**Viscosity:**

N/A

**Evaporation Rate & Reference:**

N/A

**Solubility in Water:**

FREELY SOLUBLE

**Appearance and Odor:**

ODORLESS RED CRYSTALS

**Percent Volatiles by Volume:**

N/A

**Corrosion Rate:**

N/K

## Reactivity Data

**Stability Indicator:**

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

**Title III Information:**

N/P

**Federal Regulatory Information:**

N/P

**State Regulatory Information:**

N/P

## Other Information

**Information:**

N/P



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