

# MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-50/50-07-7.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**

50-07-7

**Code:**

M

**RTECS:**

CN0700000

**Code:**

M

**Name:**

MITOMYCIN C (SARA III)

**Other REC Limits:**

N/K

**OSHA PEL:**

NOT ESTABLISHED

**Code:**

M

**OSHA STEL:****Code:****ACGIH TLV:**

NOT ESTABLISHED

**Code:**

M

**ACGIH STEL:**

N/P

**Code:**

## Control Measures

**Respiratory Protection:**

NIOSH APPROVED DUST RESPIRATOR, HIGH EFFICIENCY DUST FILTER/POWERED AIR-PURIFYING RESPIRATORY RECOMMENDED IF BSC, OR SUITABLE VENTILATION ISN'T AVAILABLE.

**Ventilation:**

N/K

**Protective Gloves:**

SURGICAL LATEX, DOUBLE

**Eye Protection:**

PLASTIC FACE SHIELD, SPLASH GOGGLES

**Other Protective Equipment:**

Equipment PROTECTIVE DISPOSABLE GOWN OF LOW PERMEABILITY FABRIC W/CLOSED FRONT, LONG SLEEVES, & ELASTIC CUFFS.

**Work Hygienic Practices:**

WASH THOROUGHLY BEFORE EATING & SMOKING. AVOID DRINKING/SMOKING/CHEWING GUM/APPLYING COSMETICS/STORING FOOD/EATING.

**Supplemental Safety and Health:**

N/K

## Health Hazards Data

**LD50/LC50 Mixture:**

LD50 ORAL RAT: 14 MG/KG

**Route Of Entry Inds - Inhalation:**

NO

**Skin:**

YES

**Ingestion:**

YES

**Carcinogenicity Inds - NTP:**

NO

**IARC:**

YES

**OSHA:**

NO

**Health Hazards Acute And Chronic:**

INGESTION: BLOOD/KIDNEY CHANGES/MICROANGIOPATHIC HEMOLYTIC ANEMIC & LUNG CHANGES. SKIN: SENSITIZATION, RASH, TISSUE NECROSIS, & IRRITATION. EYES: CONJUNCTIVITIS.

**Explanation Of Carcinogenicity:**

POTENTIAL ANIMAL CARCINOGEN

**Signs And Symptoms Of Overexposure:**

INGESTION: BLOOD, KIDNEY CHANGES, MICROANGIOPATHIC HEMOLYTIC ANEMIA, & LUNG CHANGES. SKIN: SENSITIZATION, RASH, & IRRITATION. EYES: CONJUNCTIVITIS.

**Medical Cond Aggravated By Exposure:**

SENSITIZATION, RASH

**First Aid:**

EYES: WASH W/COPIOUS AMOUNTS OF WATER FOR 15 MIN. SEEK MED ATT. SKIN: WASH AFFECTED AREA W/SOAP & WATER.

INGESTION/INHALATION: SEEK PROFESSIONAL MED HELP.

**Spill Release Procedures:**

SMALL SPILLS: WIPE W/ABSORBENT GAUZE PADS. WIPE SOLIDS W/WET ABSORBENT GAUZE. CLEAN 3 TIMES USING DETERGENT & WATER. LARGE SPILLS: COVER W/ABSORBENT SHEETS/SPILL-CONTROL PADS/PILLOWS. COVER POWDER W/D AMP CLOTH/TOWELS. CLEAN USING DETERGENTS/WATER.

**Neutralizing Agent:**

N/K

**Waste Disposal Methods:**

TREAT PRODUCT & CONTAMINATED MATERIALS AS HAZARDOUS WASTE. INCINERATION IS RECOMMENDED. A 30 FOLD MOLAR EXCESS OF BLEACH & 2 FOLD MOLAR EXCESS OF 1% POTASSIUM PERMANGANATE WILL DEACTIVATE MUTAMYCIN.

**Handling And Storage Precautions:**

STORE AT ROOM TEMPERATURE. PERIODIC FOLLOW-UP EXAMINATIONS SHOULD BE GIVEN IN ACCORDANCE W/INSTITUTIONAL POLICY.

**Other Precautions:**

WASH THOROUGHLY BEFORE EATING OR SMOKING. 2

## Fire and Explosion Hazard Information

**Flash Point Method:**

N/P

**Flash Point:**

N/R

**Flash Point Text:**

N/R

**Autoignition Temp:**

N/R

**Autoignition Temp Text:**

N/A

**Lower Limits:**

N/R

**Upper Limits:**

N/R

**Extinguishing Media:**

CO2, DRY CHEMICAL

**Fire Fighting Procedures:**

WEAR SELF-CONTAINED BREATHING APPARATUS & 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:**

N/R

**M.P./F.P. Temp:**

360C

**Decomp Temp:**

N/R

**Decomp Text:**

N/K

**Vapor Pres:**

N/R

**Vapor Density:**

N/R

**Volatile Org Content %:**

N/R

**Spec Gravity:**

N/R

**VOC Pounds/Gallon:**

N/R

**pH:**

N/K

**VOC Grams/Liter:**

N/R

**Viscosity:**

N/P

**Evaporation Rate & Reference:**

N/K

**Solubility in Water:**

MODERATE

**Appearance and Odor:**

BLUE VIOLET/GRAY FLUFFY POWDER, CONDENSED MASSES OF POWDER.

**Percent Volatiles by Volume:**

N/R

**Corrosion Rate:**

N/K

## Reactivity Data

**Stability Indicator:**

YES

**Stability Condition To Avoid:**

N/K

**Materials To Avoid:**

N/K

**Hazardous Decomposition Products:**

N/K

**Hazardous Polymerization Indicator:**

NO

**Conditions To Avoid Polymerization:**

N/K

## 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

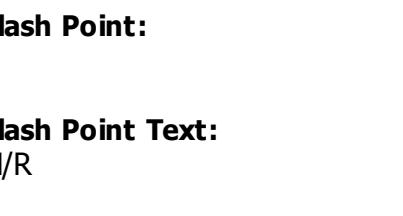
## Other Information

**Other Information:**

N/P

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