

# MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-136/136-47-0.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**  
136-47-0  
**Code:**  
M

**RTECS:**  
DG4900000  
**Code:**  
M

**Name:**  
TETRACAINE HYDROCHLORIDE

**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:**  
NOT REQUIRED.

**Ventilation:**  
LOCAL EXHAUST

**Protective Gloves:**  
RUBBER

**Eye Protection:**  
NOT REQUIRED

**Other Protective Equipment:**  
Equipment NOT REQUIRED

**Work Hygienic Practices:**  
REMOVE/LAUNDER CONTAMINATED CLOTHING BEFORE REUSE. WASH THOROUGHLY AFTER HANDLING.

**Supplemental Safety and Health:**  
THIS LD50 INFORMATION IS FOR NEOMYCIN SULFATE. SPILLS CONT'D: VACUUM (W/HEPA-FILTERED & EXPLOSION-PROOF EQUIPMENT)/SCOOP MATERIAL & PLACE IN CONTAINER.

## Health Hazards Data

**LD50LC50Mixture:**  
ORAL LD50(RAT): >4325 MG/KG (SEE SUPPP)

**Route Of Entry Inds - Inhalation:**  
YES

**Skin:**  
NO

**Ingestion:**  
YES

**Carcinogenicity Inds - NTP:**  
NO

**IARC:**  
NO

**OSHA:**  
NO

**Health Hazards Acute And Chronic:**  
2 NEOMYCIN SULFATE: EXPOSURE MAY CAUSE MILD TO SEVERE ALLERGIC REACTION. TETRACAINE HYDROCHLORIDE: CONTACT OF MUCCOUS MEMBRANE MAY CAUSE ANESTHETIC EFFECT. ISOFLUPREDONE ACETATE: MAY CAUSE SUPPRESSION OF ADRENAL GLAND SECRETION; CUSHINGS SYNDROME; WATER RETENTION; ELECTROLYTE IMBALANCE; HYPERGLYCEMIA.

**Explanation Of Carcinogenicity:**  
NONE

**Signs And Symptions Of Overexposure:**  
NEOMYCIN SULFATE: SKIN RASH, FEVER, BRONCHOSPASM, ANGIODERMA (SWELLING OF LIPS, TONGUE, FACE, ASTHMATIC BREATHING & HIVES, ANAPHYLAXIS.

**Medical Cond Aggravated By Exposure:**  
HYPERSENSITIVITY & SYSTEMIC FUNGAL INFECTIONS.

**First Aid:**  
EYES: FLUSH W/WATER FOR 15 MINS. SKIN: WASH W/SOAP & WATER. INHALATION: REMOVE TO FRESH AIR. OBTAIN MEDICAL ATTENTION IN ALL CASES.

**Spill Release Procedures:**  
REMOVE IGNITION SOURCES; CONTROL THE GENERATION OF DUST/VAPORS; PROVIDE VENTILATION & RESPIRATORY, SKIN & EYE PROTECTION TO PREVENT OVEREXPOSURE. KEEP OUT OF DRAINS; PREVENT ENTRY TO SURFACE WATER, GR OUNDWATER & SOIL. (SEE SUPP)

**Neutralizing Agent:**  
N/K

**Waste Disposal Methods:**  
DISPOSE/INCINERATE IAW/FEDERAL, STATE & LOCAL REGULATIONS.

**Handling And Storage Precautions:**  
USE W/ADEQUATE VENTILATION. STORE AT ROOM TEMP. USE ADEQUATE DUST/VAPOR CONTROL.

**Other Precautions:**  
KEEP OUT OF REACH OF CHILDREN. DON'T GET IN EYES, ON SKIN/CLOTHING. AVOID BREATHING DUST/MIST.

## Fire and Explosion Hazard Information

**Flash Point Method:**  
N/P

**Flash Point:**

**Flash Point Text:**  
N/R

**Autoignition Temp:**

**Autoignition Temp Text:**  
N/A

**Lower Limits:**  
N/R

**Upper Limits:**  
N/R

**Extinguishing Media:**  
WATER, CO2, DRY CHEMICAL

**Fire Fighting Procedures:**  
WEAR SCBA & FULL BODY PROTECTIVE EQUIPMENT.

**Unusual Fire/Explosion Hazard:**  
3 ELIMINATE EXPLOSION HAZARDS BY GROUNDING MECHANICAL EQUIPMENT IN CONTACT W/MATERIAL TO PREVENT BUILDUP OF STATIC ELECTRICITY/INERTING ATMOSPHER/DUST LEVELS.

## Physical/Chemical Properties

**HCC:**

**NRC/State LIC No:**

**Net Prop WT For Ammo:**

**Boiling Point:**

**B.P. Text:**  
N/K

**Melt/Freeze Pt:**

**M.P/F.P Text:**  
N/K

**Decomp Temp:**

**Decomp Text:**  
N/K

**Vapor Pres:**  
N/K

**Vapor Density:**  
N/K

**Volatile Org Content %:**

**Spec Gravity:**  
N/K

**VOC Pounds/Gallon:**

**PH:** N/K

**VOC Grams/Liter:**

**Viscosity:**  
N/P

**Evaporation Rate & Reference:**  
N/K

**Solubility in Water:**  
COMPLETE

**Appearance and Odor:**  
WHITE, FREE-FLOWING, FINE POWDER

**Percent Volatiles by Volume:**  
N/K

**Corrosion Rate:**  
N/K

## Reactivity Data

**Stability Indicator:**  
YES 4

**Stability Condition To Avoid:**  
DUST/VAPOR, ROOM TEMP.

**Materials To Avoid:**  
NONE

**Hazardous Decomposition Products:**  
CO, CO2, NITROGEN OXIDES, SULFUR OXIDES

**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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