

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-640/64058-48-6.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:

64058-48-6

Code:

M

RTECS:

WG7430000

Code:

M

Name:

SPECTINOMYCIN, SULFATE, TETRAHYDRATE *95-2*

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:

NONE REQUIRED.

Ventilation:

LOCAL EXHAUST. 3

Protective Gloves:

NONE REQUIRED.

Eye Protection:

NONE REQUIRED.

Other Protective Equipment:

Equipment N/K

Work Hygienic Practices:

REMOVE/LAUNDER CONTAMINATED CLOTHING BEFORE REUSE. WASH THOROUGHLY AFTER HANDLING.

Supplemental Safety and Health:

ORAL LD50 INFORMATION IS FOR SPECTINOMYCIN SULFATE TETRAHYDRATE. LINCOMYCIN HYDROCHLORIDE-MELTS W/DECOMPOSITION AT 298.4F, UNDERGOES HYDROLYSIS AT BOTH ACID & BASIC PHS AT ELEVATED TEMPS.

Health Hazards Data

LD50/LC50/Mixture:

ORAL LD50 (RAT): >5000 MG/KG (SEE SUPP)

Route Of Entry Inds - Inhalation:

YES

Skin:

NO

Ingestion:

YES

Carcinogenicity Inds - NTP:

NO

IARC:

NO

OSHA:

NO

Health Hazards Acute And Chronic:

MAY CAUSE SKIN/EYE/UPPER RESPIRATORY TRACT IRRITATION, ALLERGIC REACTIONS. LINCOMYCIN HYDROCHLORIDE-HYPERSENSITIVITY REACTIONS, ANGIONEUROTIC EDEMA, SERUM SICKNESS, ANAPHYLAXIS, ERYTHEMA MULTIFORME, S TEVENS-JOHNSON SYNDROME.

Explanation Of Carcinogenicity:

NONE

Signs And Symptoms Of Overexposure:

IRRITATION. LINCOMYCIN HYDROCHLORIDE-ABDOMINAL CRAMPS, DIARRHEA, COLITIS.

Medical Cond Aggravated By Exposure:

HYPERSensitivity TO LINCOMYCIN, CLINDAMYCIN/SPECTINOMYCIN. 2

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. NOTES TO PHYSICIAN: LINCOMYCIN HAS BEEN SHOWN TO HAVE NEUROMUSCULAR BLOCKING PROPERTIES THAT MAY ENHANCE ACTION OF OTHER NEUROMUSCULAR BLOCKING AGENTS. IF AN ALLERGIC REACTION SHOULD OCCUR, USE EPINEPHRINE, CORTICOSTEROIDS, ANTIHISTAMINES AS INDICATED.

Spill Release Procedures:

REMOVE IGNITION SOURCES. CONTROL GENERATION OF DUST/VAPORS. PROVIDE VENTILATION/PROTECTIVE EQUIPMENT. KEEP OUT OF DRAINS. PREVENT ENTRY TO SURFACE WATER/GROUNDWATER/SOIL. VACUUM W/HEPA FILTERED & EXPL OSION PROOF EQUIPMENT/SCOOP UP & PUT INCONTAINER.

Neutralizing Agent:

N/K

Waste Disposal Methods:

DISPOSE OF BY INCINERATION IAW/FEDERAL, STATE & LOCAL REGULATIONS. LINCOMYCIN CAN BE SORBED TO SOIL BUT IS READILY LEACHED AWAY FROM SOILS, WILL HAVE SOME INITIAL INHIBITORY EFFECT ON MOST SENSITIVE MICROORGANISMS UNTIL IT'S DEGRADED.

Handling And Storage Precautions:

USE W/ADEQUATE VENTILATION & DUST/VAPOR CONTROL. STORE AT ROOM TEMPERATURE.

Other Precautions:

AVOID GENERATING DUST/VAPORS, CONTACT W/SKIN/EYES/CLOTHING, BREATHING DUST/MIST. KEEP OUT OF REACH OF CHILDREN.

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 SELF CONTAINED BREATHING APPARATUS & FULL BODY PROTECTIVE EQUIPMENT.

Unusual Fire/Explosion Hazard:

AS W/ANY FINELY DIVIDED ORGANIC POWDERS, MAY CREATE EXPLOSION HAZARD.

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:

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:

Appearance and Odor:

WHITE POWDER W/SLIGHT ODOR.

Autoignition Temp:

N/K

Corrosion Rate:

N/K

Conditions To Avoid Polymerization:

N/K

Conditions To Avoid Oxidation:

N/K

Stability Indicator:

YES

Stability Conditions To Avoid:

IGNITION SOURCES.

Materials To Avoid:

NONE

Hazardous Decomposition Products:

CO, CO₂, NITROGEN/SULFUR OXIDES, HYDROCHLORIC ACID.

Hazardous Polymerization Indicator:

NO

Conditions To Avoid Polymerization:

N/K

Toxicological Information:

MSDS Transport Information:

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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