

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-598/59865-13-3.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
59865-13-3
Code:
M

RTECS:

Code:
X

Name:
CYCLOSPORINE, USP % low Wt: 25. Code: M % hi

Other REC Limits:
N/P

OSHA PEL:
N/P
Code:

OSHA STEL:
N/P
Code:

ACGIH TLV:
N/P
Code:

ACGIHSTEL:
N/P
Code:

Control Measures

Respiratory Protection:
NOT REQUIRED UNDER NORMAL CONDITIONS OF THERAPEUTIC ADMINISTRATION AND USE.

Ventilation:
4 NOT REQUIRED UNDER NORMAL CONDITIONS OF THERAPEUTIC ADMINISTRATION AND USE.

Protective Gloves:
USE PROTECTIVE GLOVES IF THERE IS POTENTIAL FOR SKIN CONTACT.

Eye Protection:
USE SAFETY GLASSES IF THERE IS A POTENTIAL FOR SPLASHING.

Other Protective Equipment:
Equipment NONE

Work Hygienic Practices:
NONE

Supplemental Safety and Health:
PRODUCT CODE: NDC 0078-0240-15, 0078-0242-15, 0078-0241-15; ANTIBIOTIC S 7481F1, RAMIHYPHIN A.

Health Hazards Data

LD50LC50Mixture:
LD50(RAT)=1480 MG/KG

Route Of Entry Inds - Inhalation:
N/P

Skin:
N/P

Ingestion:
YES

Carcinogenicity Inds - NTP:
YES

IARC:
YES

OSHA:
N/P

Health Hazards Acute And Chronic:
TARGET ORGANS: PROLONGED OR REPEATED EXPOSURE MAY AFFECT THE IMMUNE SYSTEM, KIDNEYS, LIVER, CENTRAL NERVOUS SYSTEM, PANCREAS, AND CARDIOVASCULAR SYSTEM. FINISHED PHARMACEUTICAL PRODUCT. POTENTIAL FOR EXPOSURE IS REDUCED IN THIS FORM. SKIN/EYES/INHALATION/INGESTION: NO HAZARD IS EXPECTED FROM NORMAL CLINICAL USE.

Explanation Of Carcinogenicity:
AN INCREASED INCIDENCE OF MALIGNANCY IS A RECOGNIZED COMPLICATION OF IMMUNOSUPPRESSION IN RECIPIENTS OF ORGAN TRANSPLANTS. THE MOST COMMON FORMS OF NEOPLASMS ARE NON-HODGKIN'S LYMPHOMA AND CARCINOMA'S OF THE SKIN. THE RISK OF MALIGNANCIES IN CYCLOSPORINE RECIPIENTS IS HIGHER THAN IN NORMAL, HEALTH POPULATION.

Signs And Symptoms Of Overexposure:
THERAPEUTIC SIDE EFFECTS: RENAL DYSFUNCTION, TREMOR, HIRSUTISM, HYPERTENSION, GUM HYPERPLASIA, AND ANAPHYLACTIC REACTION. REPRODUCTIVE HAZARDS: EXPERIMENTAL REPRODUCTIVE EFFECTS. THERE ARE NO ADEQUATE & WELL-CONTROLLED STUDIES IN PREGNANT WOMEN. NURSING SHOULD BE AVOIDED DURING THERAPEUTIC USE. MUTAGENICITY: CYCLOSPORINE WAS NOT MUTAGENIC IN SIX TEST SYSTEMS. A MORE RECENT STUDY INDICATED A POSITIVE EFFECT AT HIGH CONCENTRATIONS.

Medical Cond Aggravated By Exposure:
HYPERSENSITIVITY TO CYCLOSPORINE.

First Aid:
SKIN: WASH CONTAMINATED AREA WITH SOAP AND WATER. EYE: FLUSH WITH RUNNING WATER FOR 15 MINUTES HOLDING EYELIDS OPEN. INHALATION: NO SPECIFIC TREATMENT IS NECESSARY SINCE THIS PRODUCT IS NOT LIKELY TO BE HAZARDOUS BY INHALATION. INGESTION: GET MEDICAL ATTENTION IMMEDIATELY.

Spill Release Procedures:
USING APPROPRIATE PROTECTIVE EQUIPMENT, SWEEP UP AND CONTAINERIZE SPILLED MATERIAL. AVOID CONTAMINATION OF SEWERS AND WATERWAYS.

Neutralizing Agent:
3 N/P

Waste Disposal Methods:
ALL WASTES MUST BE DISPOSED OF IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL LAWS AND REGULATIONS. (CONTACT LOCAL OR STATE ENVIRONMENTAL AGENCY FOR SPECIFIC RULES). EPA WASTE NO. D001.

Handling And Storage Precautions:
STORE BELOW 86F (30C) AWAY FROM LIGHT. PROTECT FROM LIGHT AND FREEZING. DO NOT USE IF SOLUTION IS DISCOLORED. AVOID DIRECT SUNLIGHT, SPARKS AND OPEN FLAME.

Other Precautions:
EMERGENCY OVERVIEW: FINISHED PHARMACEUTICAL PRODUCT. REFER TO PHYSICIANS DESK REFERENCE. AFFECTS THE IMMUNE SYSTEM. CAN CAUSE CANCER IN HUMANS.

Fire and Explosion Hazard Information

Flash Point Method:
CC

Flash Point:
=26.7C, 80.F

Flash Point Text:

Autoignition Temp:

Autoignition Temp Text:
N/A

Lower Limits:
N/A

Upper Limits:
N/A

Extinguishing Media:
USE MEDIA SUITABLE FOR FIRE IN SURROUNDING AREA.

Fire Fighting Procedures:
EVACUATE AREA AND FIGHT FIRE FROM SAFE DISTANCE.

Unusual Fire/Explosion Hazard:
NOT AVAILABLE.

Physical/Chemical Properties

HCC:
V1

NRC/State LIC No:
N/P

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/P

Vapor Pres:
N/A

Vapor Density:
N/A

Volatile Org Content %:

Spec Gravity:
N/A

VOC Pounds/Gallon:

PH: N/A

VOC Grams/Liter:

Viscosity:
N/A

Evaporation Rate & Reference:
N/P 5

Solubility in Water:
WATER

Appearance and Odor:
PINK, CORN-YELLOW, DUSTY ROSE GELATINE CAPSULE, OBLONG; MILD ODOR.

Percent Volatiles by Volume:
N/A

Corrosion Rate:
N/P

Reactivity Data

Stability Indicator:
YES

Stability Condition To Avoid:
PROTECT FROM LIGHT AND TEMPERATURES EXCEEDING 86F (30C). PROTECT FROM FREEZING.

Materials To Avoid:
NONE KNOWN.

Hazardous Decomposition Products:
CARBON MONOXIDE, CARBON DIOXIDE AND NITROGEN OXIDES.

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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WARRANTY
The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Lookchem shall not be held liable for any damage resulting from handling or from contact with the above product. See reverse side of invoice or packing slip for additional terms and conditions of sale.

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