

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-149/14930-96-2.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:

14930-96-2

Code:

M

RTECS:

RO0205000

Code:

F

Name:

CYTOCHALASIN B

Other REC Limits:

N/K (FP N)

OSHA PEL:

N/K (FP N)

Code:

M

OSHA STEL:

N/K (FP N)

Code:

M

ACGIH TLV:

N/K (FP N)

Code:

M

ACGIH STEL:

N/K (FP N)

Code:

M

Control Measures

Respiratory Protection:

USE A NIOSH APPROVED RESPIRATOR.

Ventilation:

HANDLE IN A CHEMICAL FUME HOOD WITH ADEQUATE VENTILATION.

Protective Gloves:

CHEMICAL RESISTANT GLOVES.

Eye Protection:

ANSI APPROVED CHEMICAL WORKERS GOGGLES (FP N).

Other Protective Equipment:

Equipment ANSI APPROVED EMERGENCY EYEWASH AND DELUGE SHOWER (FP N). 4

Work Hygienic Practices:

WASH THOROUGHLY AFTER HANDLING.

Supplemental Safety and Health:

PHYSICAL/CHEMICAL PROPERTIES: SOLUBILITY: SOLUBLE IN DMSO AND ETHANOL. MOLECULAR WEIGHT: 479.6. MOLECULAR FORMULA: C₂₉H₃₇NO₅.

Health Hazards Data

LD50/LC50/Mixture:

SEE TOXICOLOGICAL INFORMATION.

Route Of Entry Inds - Inhalation:

YES

Skin:

YES

Ingestion:

YES

Carcinogenicity Inds - NTP:

NO

IARC:

NO

OSHA:

NO

Health Hazards Acute And Chronic:

ACUTE: MAY BE HARMFUL OR FATAL BY INGESTION, INHALATION OR ABSORPTION THROUGH SKIN. MATERIAL MAY CAUSE DAMAGE TO THE LIVER. CHRONIC: THERE IS LIMITED EVIDENCE THAT CYTOCHALASIN B IS TERATOGENIC IN LAB ORATORY ANIMALS. THERE IS ALSO LIMITED EVIDENCE THAT 2 CYTOCHALASIN B IS MUTAGENIC IN LABORATORY CELL CULTURES. UNTIL FURTHER TESTING HAS BEEN DONE, IT SHOULD BE TREATED AS A POSSIBLE TERATOGEN AND MUTAGEN IN HUMANS.

Explanation Of Carcinogenicity:

N/P

Signs And Symptoms Of Overexposure:

SEE HEALTH HAZARDS.

Medical Cond Aggravated By Exposure:

N/P

First Aid:

SKIN: WASH WITH SOAP AND COPIOUS AMOUNTS OF WATER FOR AT LEAST 15 MINUTES. REMOVE CONTAMINATED CLOTHING AND SHOES AND WASH BEFORE WEARING. CONSULT A PHYSICIAN. EYES: FLUSH WITH COPIOUS AMOUNTS OF WATER FOR AT LEAST 15 MINUTES. ASSURE ADEQUATE FLUSHING BY SEPARATING THE EYELIDS WITH FINGERS. CONSULT A PHYSICIAN. INHALATION: REMOVE TO FRESH AIR AND MONITOR BREATHING. IF BREATHING BECOMES DIFFICULT, GIVE OXYGEN AND CONSULT A PHYSICIAN. IF BREATHING STOPS, GIVE ARTIFICIAL RESPIRATION AND CONSULT A PHYSICIAN.

Spill Release Procedures:

EVACUATE AREA. WEAR NIOSH APPROVED SELF-CONTAINED BREATHING RESPIRATOR, RUBBER BOOTS, AND HEAVY RUBBER GLOVES. SWEEP UP AND PLACE IN A SUITABLE CONTAINER. AVOID RAISING DUST. HOLD FOR APPROPRIATE DISPOSAL. WASH SPILL SITE AND VENTILATE AREA AFTER MATERIAL PICKUP IS COMPLETE.

Neutralizing Agent:

N/P

Waste Disposal Methods:

COUNTRY, FEDERAL, STATE, & LOCAL REGULATIONS ARE VARIED & CHANGE FREQUENTLY. FOR THIS REASON, MANUFACTURER RECOMMENDS THAT YOU CONTACT YOUR LOCAL DEPARTMENT OF HEALTH SERVICES FOR INFORMATION ON THE DISPOSAL OF THIS PRODUCT/ARRANGE FOR DISPOSAL BY A LICENSED DISPOSAL COMPANY. DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE, & FEDERAL REGULATIONS (FP N).

Handling And Storage Precautions:

STORE IN A TIGHTLY CLOSED CONTAINER IN A -20°C FREEZER. PROTECT FROM LIGHT. MATERIAL IS TOXIC. POSSIBLE TERATOGEN & MUTAGEN. AVOID CONTACT WITH MATERIAL. AVOID PROLONGED OR REPEATED EXPOSURE. LAB SHOULD BE EQUIPPED WITH A SAFETY SHOWER & AN EYE WASH STATION. WASH THOROUGHLY AFTER HANDLING MATERIAL.

Other Precautions:

3 MATERIAL SHOULD ONLY BE HANDLED BY QUALIFIED, EXPERIENCED PROFESSIONALS.

Fire and Explosion Hazard Information

Flash Point Method:**Flash Point:****Flash Point Text:**

N/A

Autoignition Temp:**Autoignition Temp Text:**

N/P

Lower Limits:**Upper Limits:****Extinguishing Media:**

DRY CHEMICAL POWDER, CARBON DIOXIDE, WATER SPRAY, ALCOHOL OR POLYMER FOAM.

Fire Fighting Procedures:

WEAR NIOSH APPROVED SCBA AND FULL PROTECTIVE EQUIPMENT (FP N).

Unusual Fire/Explosion Hazard:

UPON THERMAL DECOMPOSITION, IT MAY EMIT TOXIC GASES.

Physical/Chemical Properties

HCC:**NRC/State Lic No:****Net Prop WT For Ammo:****Boiling Point:****B.P. Text:**

N/P

Melt/Freeze Pt:

>218°C, 424°F

218°C - 223°C:

218C - 223C

Decomp Temp:**Decomp Text:**

N/P

N/P