

# 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:**  
R00205000  
**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

**ACGIHSTEL:**  
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: C\*29H\*37NO\*5.

## Health Hazards Data

**LD50LC50Mixture:**  
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 MUTA GEN IN HUMANS.

**Explanation Of Carcinogenicity:**  
N/P

**Signs And Symptions 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 WATE R 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 SS, GIVE ARTIFICIAL RESPIRATION AND CONSUL

**Spill Release Procedures:**  
EVACUATE AREA. WEAR A 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 DI SPOSAL. 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 D ISPOSAL OF THIS PRODUCT/ARRANGE FOR DISPOSAL BY A LICENSED DISPOSAL COMPANY. DISPOSE OF IN ACCORDANC E WITH LOCAL, STATE, & FEDERAL REGULATIONS (FP N).

**Handling And Storage Precautions:**  
STORE IN A TIGHTLY CLOSED CONTAINER IN A -20C FREEZER. PROTECT FROM LIGHT. MATERIAL IS TOXIC. POSSIBLE TERATOGEN & MUTAGEN. AVOID CONTACT WITH MATERIAL. AVOID PROLONGED OR REPEATED EXPOSURE. LAB SHOU LD 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, 424.4F

**M.P/F.P Text:**  
218C - 223C

**Decomp Temp:**

**Decomp Text:**  
N/P

**Vapor Pres:**  
N/P

**Vapor Density:**  
N/P

**Volatile Org Content %:**

**Spec Gravity:**  
N/P

**VOC Pounds/Gallon:**

**PH:** N/P

**VOC Grams/Liter:**

**Viscosity:**  
N/P

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

**Solubility in Water:**  
N/P

**Appearance and Odor:**  
WHITE SOLID.

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

**Corrosion Rate:**  
N/P

## Reactivity Data

**Stability Indicator:**  
YES

**Stability Condition To Avoid:**  
STABLE UNDER NORMAL HANDLING PROCEDURES. 5

**Materials To Avoid:**  
AVOID CONTACT WITH STRONG OXIDIZING AGENTS, STRONG ACIDS, AND STRONG BASES.

**Hazardous Decomposition Products:**  
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.

**Hazardous Polymerization Indicator:**  
N/P

**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