

# MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-801/8018-01-7.html> for suppliers of this product.

## Composition/Information on Ingredient

<b>Cas:</b> 8018-01-7
<b>Code:</b> M
<b>RTECS:</b> ZB3200000
<b>Code:</b> M
<b>Name:</b> MANCOZEB
<b>Other REC Limits:</b> N/K
<b>OSHA PEL:</b> N/K
<b>Code:</b> M
<b>OSHA STEL:</b>
<b>Code:</b>
<b>ACGIH TLV:</b> N/K
<b>Code:</b> M
<b>ACGIHSTEL:</b> N/P
<b>Code:</b>

## Control Measures

<b>Respiratory Protection:</b> USE RESPIRATORS WHEN MIXING & HANDLING.
<b>Ventilation:</b> WORK IN WELL VENTILATED AREAS.
<b>Protective Gloves:</b> 3 RUBBER
<b>Eye Protection:</b> GOGGLES
<b>Other Protective Equipment:</b> Equipment N/K
<b>Work Hygienic Practices:</b> USE CLOTHING, EQUIPMENT &PERSONAL HYGIENE PROCEDURES CONSISTENT W/GOOD PESTICIDE HANDLING PRACTICE.
<b>Supplemental Safety and Health:</b> N/K

## Health Hazards Data

<b>LD50LC50Mixture:</b> ORAL LD50 (RAT) 10,000 MG/KG
<b>Route Of Entry Inds - Inhalation:</b> YES
<b>Skin:</b> NO
<b>Ingestion:</b> NO
<b>Carcinogenicity Inds - NTP:</b> NO
<b>IARC:</b> NO
<b>OSHA:</b> NO
<b>Health Hazards Acute And Chronic:</b> EYE: SLIGHT CORNEAL OPACITY, MOD. ERYTHEMA.
<b>Explanation Of Carcinogenicity:</b> NONE
<b>Signs And Symptions Of Overexposure:</b> N/K
<b>Medical Cond Aggravated By Exposure:</b> 2 N/K
<b>First Aid:</b> EYES: IMMEDIATELY FLUSH W/PLENTY OF WATER FOR 15 MIN. GET MED ATT. SKIN: WASH W/PLENTY OF SOAP & WATER. INHALATION: MOVE TO CLEAR ATMOSPHERE. IF SYMPTOMS APPEAR, GET MED ATT.
<b>Spill Release Procedures:</b> SOAK UP W/ABSORBENT MATERIAL. SWEEP INTO A DISPOSABLE CONTAINER.
<b>Neutralizing Agent:</b> N/K
<b>Waste Disposal Methods:</b> FOLLOW STATE & FEDERAL GUIDELINES FOR PESTICIDE DISPOSAL. DON'T ALLOW TO CONTAMINATE WATER SUPPLIES.
<b>Handling And Storage Precautions:</b> DONT STORE AT TEMPERATURE EXCEEDING 122F. STORE IN DRY/WELL CLOSED CONTAINER. KEEP AWAY FROM HEAT OR SPARKS. DONT ALLOW TO BECOME WET/OVERHEATED.
<b>Other Precautions:</b> KEEP OUT OF REACH OF CHILDREN.

## Fire and Explosion Hazard Information

<b>Flash Point Method:</b> N/P
<b>Flash Point:</b>
<b>Flash Point Text:</b> N/R
<b>Autoignition Temp:</b>
<b>Autoignition Temp Text:</b> N/A
<b>Lower Limits:</b> N/R
<b>Upper Limits:</b> N/R
<b>Extinguishing Media:</b> DRY CHEMICAL, CO2.
<b>Fire Fighting Procedures:</b> TREAT THE SAME AS A CHEMICAL FIRE WHERE VAPORS & DISCHARGES TO THE ENVIRONMENT ARE TO BE CONFINED & REMOVED AS QUICKLY AS POSSIBLE.
<b>Unusual Fire/Explosion Hazard:</b> NONE

## Physical/Chemical Properties

<b>HCC:</b>
<b>NRC/State LIC No:</b>
<b>Net Prop WT For Ammo:</b>
<b>Boiling Point:</b>
<b>B.P. Text:</b> N/R
<b>Melt/Freeze Pt:</b>
<b>M.P/F.P Text:</b> N/K
<b>Decomp Temp:</b>
<b>Decomp Text:</b> N/K
<b>Vapor Pres:</b> N/R
<b>Vapor Density:</b> N/R
<b>Volatile Org Content %:</b>
<b>Spec Gravity:</b> N/R
<b>VOC Pounds/Gallon:</b>
<b>PH:</b> N/K
<b>VOC Grams/Liter:</b>
<b>Viscosity:</b> N/P
<b>Evaporation Rate &amp; Reference:</b> N/R
<b>Solubility in Water:</b> SLIGHT
<b>Appearance and Odor:</b> LIGHT GREEN POWDER. REDUCED SULFUR ODOR.
<b>Percent Volatiles by Volume:</b> N/K
<b>Corrosion Rate:</b> N/K

## Reactivity Data

<b>Stability Indicator:</b> YES
<b>Stability Condition To Avoid:</b> AVOID STORAGE AT HIGH TEMPERATURES FOR PROLONGED PERIODS. AVOID CONTAMINATION W/WATER.
<b>Materials To Avoid:</b> AVOID CONTACT W/OTHER PESTICIDES &FERTILIZERS.
<b>Hazardous Decomposition Products:</b> N/K
<b>Hazardous Polymerization Indicator:</b> NO
<b>Conditions To Avoid Polymerization:</b> N/K

## Toxicological Information

<b>Information:</b> N/P
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## MSDS Transport Information

<b>Information:</b> N/P
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## Regulatory Information

<b>Sara Title III Information:</b> N/P
<b>Federal Regulatory Information:</b> N/P
<b>State Regulatory Information:</b> N/P

## Other Information

<b>Other Information:</b> N/P
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