

# MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-235/23564-06-9.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**  
23564-06-9  
**Code:**  
M

**RTECS:**  
BA3650000  
**Code:**  
M

**Name:**  
THIOPHANATE-METHYL 1

**Other REC Limits:**  
N/K

**OSHA PEL:**  
N/K  
**Code:**  
M

**OSHA STEL:**

**Code:**

**ACGIH TLV:**  
N/K  
**Code:**  
M

**ACGIHSTEL:**  
N/P  
**Code:**

## Control Measures

**Respiratory Protection:**  
USE RESPIRATORS WHEN MIXING & HANDLING.

**Ventilation:**  
WORK IN WELL VENTILATED AREAS.

**Protective Gloves:**  
3 RUBBER

**Eye Protection:**  
GOGGLES

**Other Protective Equipment:**  
Equipment N/K

**Work Hygienic Practices:**  
USE CLOTHING, EQUIPMENT &PERSONAL HYGIENE PROCEDURES CONSISTENT W/GOOD PESTICIDE HANDLING PRACTICE.

**Supplemental Safety and Health:**  
N/K

## Health Hazards Data

**LD50LC50Mixture:**  
ORAL LD50 (RAT) 10,000 MG/KG

**Route Of Entry Inds - Inhalation:**  
YES

**Skin:**  
NO

**Ingestion:**  
NO

**Carcinogenicity Inds - NTP:**  
NO

**IARC:**  
NO

**OSHA:**  
NO

**Health Hazards Acute And Chronic:**  
EYE: SLIGHT CORNEAL OPACITY, MOD. ERYTHEMA.

**Explanation Of Carcinogenicity:**  
NONE

**Signs And Symptions Of Overexposure:**  
N/K

**Medical Cond Aggravated By Exposure:**  
2 N/K

**First Aid:**  
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.

**Spill Release Procedures:**  
SOAK UP W/ABSORBENT MATERIAL. SWEEP INTO A DISPOSABLE CONTAINER.

**Neutralizing Agent:**  
N/K

**Waste Disposal Methods:**  
FOLLOW STATE & FEDERAL GUIDELINES FOR PESTICIDE DISPOSAL. DON'T ALLOW TO CONTAMINATE WATER SUPPLIES.

**Handling And Storage Precautions:**  
DON'T STORE AT TEMPERATURE EXCEEDING 122F. STORE IN DRY/WELL CLOSED CONTAINER. KEEP AWAY FROM HEAT OR SPARKS. DON'T ALLOW TO BECOME WET/OVERHEATED.

**Other Precautions:**  
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:**  
DRY CHEMICAL, CO2.

**Fire Fighting Procedures:**  
TREAT THE SAME AS A CHEMICAL FIRE WHERE VAPORS & DISCHARGES TO THE ENVIRONMENT ARE TO BE CONFINED & REMOVED AS QUICKLY AS POSSIBLE.

**Unusual Fire/Explosion Hazard:**  
NONE

## Physical/Chemical Properties

**HCC:**

**NRC/State LIC No:**

**Net Prop WT For Ammo:**

**Boiling Point:**

**B.P. Text:**  
N/R

**Melt/Freeze Pt:**

**M.P/F.P Text:**  
N/K

**Decomp Temp:**

**Decomp Text:**  
N/K

**Vapor Pres:**  
N/R

**Vapor Density:**  
N/R

**Volatile Org Content %:**

**Spec Gravity:**  
N/R

**VOC Pounds/Gallon:**

**PH:** N/K

**VOC Grams/Liter:**

**Viscosity:**  
N/P

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

**Solubility in Water:**  
SLIGHT

**Appearance and Odor:**  
LIGHT GREEN POWDER. REDUCED SULFUR ODOR.

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

**Corrosion Rate:**  
N/K

## Reactivity Data

**Stability Indicator:**  
YES

**Stability Condition To Avoid:**  
AVOID STORAGE AT HIGH TEMPERATURES FOR PROLONGED PERIODS. AVOID CONTAMINATION W/WATER.

**Materials To Avoid:**  
AVOID CONTACT W/OTHER PESTICIDES &FERTILIZERS.

**Hazardous Decomposition Products:**  
N/K

**Hazardous Polymerization Indicator:**  
NO

**Conditions To Avoid Polymerization:**  
N/K

## 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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