

# MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-194/1945-77-3.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**

1945-77-3

**Code:**

M

**RTECS:**

**Code:**

X

**Name:**

METHYL THYMOL BLUE \*93-1\*

**Other REC Limits:**

N/K

**OSHA PEL:**

N/K

**Code:**

M

**OSHA STEL:**

**Code:**

**ACGIH TLV:**

N/K

**Code:**

M

**ACGIH STEL:**

N/P

**Code:**

## Control Measures

**Respiratory Protection:**

N/K

**Ventilation:**

N/K

**Protective Gloves:**

RUBBER OR IMPERVIOUS

**Eye Protection:**

CHEMICAL SAFETY GLASSES OR FACE SHIELD

**Other Protective Equipment:**

Equipment RUBBER APRON, EYE WASH &EMERGENCY SHOWER.

**Work Hygienic Practices:**

WASH THOROUGHLY AFTER HANDLING &BEFORE EATING, DRINKING, OR SMOKING.

**Supplemental Safety and Health:**

N/K 3

## Health Hazards Data

**LD50/LC50 Mixture:**

N/K

**Route Of Entry Inds - Inhalation:**

NO

**Skin:**

YES

**Ingestion:**

NO

**Carcinogenicity Inds - NTP:**

NO

**IARC:**

NO

**OSHA:**

NO

**Health Hazards Acute And Chronic:**

MAY IRRITATE SKIN, EYES, & MUCOUS MEMBRANES.

**Explanation Of Carcinogenicity:**

NONE

**Signs And Symptoms Of Overexposure:**

N/K

**Medical Cond Aggravated By Exposure:**

IMPAVED BREATHING, OPEN WOUNDS, RASHES OR SORES.

**First Aid:**

SKIN: FLUSH W/WATER THEN WASH THOROUGHLY W/SOAP & WATER. EYES: FLUSH W/WATER FOR 15 MIN. INGESTION: DRINK PLENTY OF WATER & CALL PHYSICIAN. AVOID ALCOHOLIC BEVERAGES. DON'T GIVE ANYTHING BY MOUTH TO A N UNCONSCIOUS PERSON.

INHALATION: REMOVE TO FRESH AIR. IF BREAHTING IS DIFFICULT APPLY ARTIFICIAL RESPIRATION. OBTAIN MEDICAL ATTENTION.

**Spill Release Procedures:**

WIPE UP SPILL & FLUSH AREA W/WATER. IF SPILL IS EXCESSIVE, DILUTE W/WATER & WIPE UP.

**Neutralizing Agent:**

N/K

**Waste Disposal Methods:**

2 DISPOSE OF IN ACCORDANCE W/LOCAL, STATE, & FEDERAL REGULATIONS. FLUSH SMALL QUANTITIES OF MATERIAL TO SANITARY SEWER W/EXCESS WATER.

**Handling And Storage Precautions:**

AVOID SKIN & EYE CONTACT. DON'T TAKE INTERNALLY. KEEP CONTAINER CLOSED WHEN NOT IN USE. AVOID BREATHING VAPORS OR MISTS.

**Other Precautions:**

N/K

## Fire and Explosion Hazard Information

**Flash Point Method:**

N/P

**Flash Point:**

**Flash Point Text:**

N/K

**Autoignition Temp:**

N/A

**Autoignition Temp Text:**

N/A

**Lower Limits:**

N/K

**Upper Limits:**

N/K

**Extinguishing Media:**

WATER, CO2, DRY CHEMICAL OR FOAM.

**Fire Fighting Procedures:**

N/K

**Unusual Fire/Explosion Hazard:**

MAY EMIT TOXIC FUMES ON DECOMPOSITION.

## Physical/Chemical Properties

**HCC:**

**NRC/State LIC No:**

**Net Prop WT For Ammo:**

**Boiling Point:**

**B.P. Text:**

N/K

**Melt/Freeze Pt:**

N/K

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

N/K

**Decomp Temp:**

N/A

**Decomp Text:**

N/K

**N.V.Pres:**

N/K

**Vapor Density:**

N/K

**Volatile Org Content %:**

N/A

**Spec Gravity:**

2.17

**VOC Pounds/Gallon:**

**PH:** 5.8@5%

**VOC Grams/Liter:**

**Viscosity:**

N/P

**Evaporation Rate & Reference:**

N/K

**Solubility in Water:**

COMPLETE

**Appearance and Odor:**

GREEN TO TAN-BROWN POWDER.

**Percent Volatiles by Volume:**

N/K

**Corrosion Rate:**

N/K

## Reactivity Data

**Stability Indicator:**

YES

**Stability Condition To Avoid:**

HEAT & OPEN FLAMES

**Materials To Avoid:**

OXIDIZERS, LITHIUM.

**Hazardous Decomposition Products:**

SULFUR OXIDES

**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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