

# MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-110/110-49-6.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**  
110-49-6  
**Code:**  
M

**RTECS:**  
KL5950000  
**Code:**  
M

**Name:**  
ADDITIVES METHYL CELLOSOLVE ACETATE

**Other REC Limits:**  
N/K

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

**OSHA STEL:**  
N/P  
**Code:**

**ACGIH TLV:**  
1000 PPM  
**Code:**  
M

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

## Control Measures

**Respiratory Protection:**  
NONE

**Ventilation:**  
ADEQUATE -- LOCAL EXHAUST.

**Protective Gloves:**  
YES

**Eye Protection:**  
GOGGLES

**Other Protective Equipment:**  
Equipment N/P

**Work Hygienic Practices:**  
N/P

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

## Health Hazards Data

**LD50LC50Mixture:**  
NONE SPECIFIED BY MANUFACTURER.

**Route Of Entry Inds - Inhalation:**  
N/P

**Skin:**  
N/P

**Ingestion:**  
N/P

**Carcinogenicity Inds - NTP:**  
N/P

**IARC:**  
N/P

**OSHA:**  
N/P

**Health Hazards Acute And Chronic:**  
THRESHOLD LIMIT VALUE: NONE - DIRECT SKIN/EYE CONTACT CAUSES ACID BURNS. GENERAL OVEREXP: NO RESIDUAL DAMAGE IF TREATED PROMPTLY; EYES & WET TISSUE(MOUTH/NASAL/THROAT) TEMPERARY IRRITATION W/ TREATMEN T.

**Explanation Of Carcinogenicity:**  
NOT RELEVANT

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

**Medical Cond Aggravated By Exposure:**  
NONE SPECIFIED BY MANUFACTURER.

**First Aid:**  
SKIN:FLUSH W/LARGE AMOUNTS OF WATER. EYE:FLUSH W/LARGE AMOUNTS OF WATER FOR AT LEAST 15 MINUTES & IMMEDIATELY SEEK MEDICAL ATTENTION. INGEST:CALL MD & POISON CENTER IMMEDIATELY. DO NOT INDUCE VOMITING , GIVE MILK OF MAGNESIA, SEEK MEDICAL ATTENTION & HAVE THIS DOCUMENT AVAILABLE. INHAL: REMOVE TO FRESH AIR.

**Spill Release Procedures:**  
SPREAD SPILL W/ SODIUM BICARBONATE (NAHCO3) UNTIL FOAMING CEASES. MOP UP.

**Neutralizing Agent:**  
NAHCO\*3.

**Waste Disposal Methods:**  
DILUTE OR NEUTRALIZE (NAHCO\*3) UNTIL NO LONGER ACID. FILTER & FLUSH FILTRATE DIRECTLY.

**Handling And Storage Precautions:**  
STORE AWAY HEAT OR OPEN FLAME. AVOID INHALING VAPORS & AVOID SKIN CONTACT. USE ADEQUATE VENTILATION.

**Other Precautions:**  
N/P

## Fire and Explosion Hazard Information

**Flash Point Method:**  
TCC

**Flash Point:**  
=34.C, 93.2F

**Flash Point Text:**

**Autoignition Temp:**

**Autoignition Temp Text:**  
N/A

**Lower Limits:**  
1.7%

**Upper Limits:**  
8.2% 3

**Extinguishing Media:**  
WATER, FOAM.

**Fire Fighting Procedures:**  
NONE.

**Unusual Fire/Explosion Hazard:**  
NONE

## Physical/Chemical Properties

**HCC:**

**NRC/State LIC No:**

**Net Prop WT For Ammo:**

**Boiling Point:**  
=266.C, 510.8F

**B.P. Text:**  
266 - 270 C

**Melt/Freeze Pt:**

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

**Decomp Temp:**

**Decomp Text:**  
N/K

**Vapor Pres:**  
25 @ 70F

**Vapor Density:**  
1.18 AIR=1

**Volatile Org Content %:**

**Spec Gravity:**  
1.13 (H\*2O=1)

**VOC Pounds/Gallon:**

**PH:** 2.0

**VOC Grams/Liter:**

**Viscosity:**  
N/P

**Evaporation Rate & Reference:**  
1 WATER=1

**Solubility in Water:**  
MISCIBLE

**Appearance and Odor:**  
CLOUDY, WATER WHITE SOLUTION, SLIGHT MINT ODOR. 4

**Percent Volatiles by Volume:**  
80

**Corrosion Rate:**  
N/K

## Reactivity Data

**Stability Indicator:**  
YES

**Stability Condition To Avoid:**  
WILL BE OXIDIZED BY AIR &LIGHT.

**Materials To Avoid:**  
ALKALINE MATERIALS, BASE METALS &ALLOYS.

**Hazardous Decomposition Products:**  
N/P

**Hazardous Polymerization Indicator:**  
NO

**Conditions To Avoid Polymerization:**  
NOT RELEVANT

## 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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### WARRANTY

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