

# MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-900/9004-74-4.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**

9004-74-4

**Code:**

M

**RTECS:**

PE8263000

**Code:**

M

**Name:**

METHOXYPOLY(ETHYLENE GLYCOL)

**Other REC Limits:**

NONE RECOMMENDED

**OSHA PEL:**

NOT ESTABLISHED

**Code:**

M

**OSHA STEL:**

**Code:**

**ACGIH TLV:**

NOT ESTABLISHED

**Code:**

M

**ACGIH STEL:**

N/P

**Code:**

## Control Measures

**Respiratory Protection:**

IF EXPOSURE MAY OR DOES EXCEED OCCUPATION EXPOSURE LIMITS USE A NIOSH-APPROVED RESPIRATOR IN ACCORDANCE WITH 29 CFR 1910.134 TO PREVENT EXPOSURE.

**Ventilation:**

LOCAL EXHAUST VENTILATION IS RECOMMENDED TO CONTROL VAPORS, MISTS OR SPRAY.

**Protective Gloves:**

BUTYL RUBBER, PVC

**Eye Protection:**

CHEMICAL SAFETY GOGGLES

**Other Protective Equipment:**

Equipment CHEMICAL RESISTANT CLOTHING AS NECESSARY TO PREVENT SKIN CONTACT. AN EMERGENCY EYEWASH AND SHOWER SHOULD BE AVAILABLE.

**Work Hygienic Practices:**

WASH HANDS THOROUGHLY WITH SOAP AND WATER BEFORE EATING, DRINKING, SMOKING OR USING TOILET FACILITIES.

**Supplemental Safety and Health:**

NONE SPECIFIED BY MANUFACTURER.

## Health Hazards Data

**LD50/LC50 Mixture:**

ACUTE ORAL LD50 (RAT) 6.6 G/KG

**Route Of Entry Inds - Inhalation:**

YES

**Skin:**

YES

**Ingestion:**

YES

**Carcinogenicity Inds - NTP:**

NO

**IARC:**

NO

**OSHA:**

NO

**Health Hazards Acute And Chronic:**

MAY CAUSE SEVERE TO MODERATE EYE IRRITATION AND TRANSIENT CORNEAL INJURY. SLIGHTLY IRRITATING TO THE SKIN WITH PROLONGED CONTACT. INGESTION MAY PRODUCE CENTRAL NERVOUS SYSTEM AND GASTROINTESTINAL DISTURBANCES. DUE TO LOW VAPOR PRESSURE EXPOSURE BY INHALATION IS MINIMAL UNDER NORMAL HANDLING PROCEDURES.

**Explanation Of Carcinogenicity:**

THIS COMPOUND CONTAINS NO INGREDIENTS AT CONCENTRATIONS OF 0.1% OR GREATER THAT ARE CARCINOGENS OR SUSPECT CARCINOGENS.

**Signs And Symptoms Of Overexposure:**

EYE IRRITATION, TRANSIENT CORNEAL DAMAGE. SKIN: MILD IRRITATION. INGESTION: G/I & OR CNS DISTURBANCES. INHALATION: RESPIRATORY IRRITATION IF MIST IS INHALED.

**Medical Cond Aggravated By Exposure:**

NONE SPECIFIED BY MANUFACTURER.

**First Aid:**

IF ANY IRRITATION PERSISTS OR SEVERE, GET MEDICAL ATTENTION. EYE: FLUSH W/WATER FOR 15 MIN. SKIN: WASH W/SOAP & WATER. REMOVE CONTAMINATED CLOTHING & LAUNDER BEFORE REUSE. INHALED: REMOVE FROM CONTAMINATED AREA. AID OR RESTORE BREATHING AS NEEDED. INGESTED: NOTHING BY MOUTH IF UNCONSCIOUS. GIVE SEVERAL GLASSES OF WATER & INDUCE VOMITING. KEEP AIRWAY CLEAR. GET IMMEDIATE MEDICAL ATTENTION.

**Spill Release Procedures:**

USE APPROPRIATE PERSONAL PROTECTIVE EQUIPMENT MEASURES DURING CLEANUP. CONTAIN SPILL. PREVENT LIQUID FROM ENTERING SEWERS, WATERWAYS OR LOW AREAS. RECOVER LIQUID FOR REUSE OR RECLAMATION. CONSULT APPROPRIATE AUTHORITIES.

**Neutralizing Agent:**

NONE SPECIFIED BY MANUFACTURER.

**Waste Disposal Methods:**

DISCARDED MATERIAL IS NOT A RCRA HAZARDOUS WASTE. DISPOSE OF RECOVERED, NONUSABLE PRODUCT AND MATERIAL USED IN CLEANING UP SPILLS OR LEAKS IN A MANNER APPROVED FOR THIS MATERIAL.

**Handling And Storage Precautions:**

AVOID CONTACT WITH EYES, SKIN AND CLOTHING. AVOID BREATHING VAPOR AND MIST. STORE IN A COOL, DRY, WELL VENTILATED AREA. PREVENT CONTACT WITH OXIDIZERS.

**Other Precautions:**

KEEP AWAY FROM HEAT AND FLAME. KEEP CONTAINERS TIGHTLY CLOSED. KEEP CONTAINERS TIGHTLY CLOSED.

## Fire and Explosion Hazard Information

**Flash Point Method:**

PMCC

**Flash Point:**

**Flash Point Text:**

>250F, >121C

**Autoignition Temp:**

**Autoignition Temp Text:**

N/A

**Lower Limits:**

NOT GIVEN

**Upper Limits:**

NOT GIVEN 5

**Extinguishing Media:**

USE WATER SPRAY, FOAM, CARBON DIOXIDE, DRY CHEMICAL. WATER OR FOAM MAY CAUSE FROTHING.

**Fire Fighting Procedures:**

USE WATER SPRAY TO COOL FIRE EXPOSED CONTAINERS. WEAR FULL PROTECTIVE CLOTHING & SELF-CONTAINED BREATHING APPARATUS.

**Unusual Fire/Explosion Hazard:**

NONE SPECIFIED BY MANUFACTURER.

## Physical/Chemical Properties

**HCC:**

V6

**NRC/State LC No:**

NONE

**Net Prop WT For Ammo:**

**Boiling Point:**

**B.P. Text:**

>450F, >232C

**Melt/Freeze Pt:**

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

<-58F, <-50C

**Decomp Temp:**

**Decomp Text:**

UNKNOWN

**Vapor Pres:**

NOT GIVEN

**Vapor Density:**

NOT GIVEN

**Volatile Org Content %:**

1.05

**VOC Pounds/Gallon:**

**PH:**

8.5-10

**VOC Grams/Liter:**

**Viscosity:**

N/P

**Evaporation Rate & Reference:**

NOT GIVEN

**Solubility in Water:**

SOLUBLE 6

**Appearance and Odor:**

AMBER COLOR CLEAR LIQUID, MILD ODOR

**Percent Volatiles by Volume:**

N/K

**Corrosion Rate:**

UNKNOWN

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## Reactivity Data

**Stability Indicator:**

YES

**Stability Condition To Avoid:**

NONE SPECIFIED BY MANUFACTURER.

**Avoids To Avoid:**

WATER