

# MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-107/107-41-5.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**  
107-41-5  
**Code:**  
M

**RTECS:**  
SA0810000  
**Code:**  
M

**Name:**  
HEXYLENE GLYCOL

**Other REC Limits:**  
NOT ESTABLISHED

**OSHA PEL:**  
C 25 PPM  
**Code:**  
M

**OSHA STEL:**

**Code:**

**ACGIH TLV:**  
C 25 PPM; 9192  
**Code:**  
M

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

## Control Measures

**Respiratory Protection:**  
NO SPECIAL REQmnts UNDER ORDINARY CONDITIONS/ADEQUATE VENT.

**Ventilation:**  
NO SPECIAL REQUIREMENTS W ADEQUATE VENT.

**Protective Gloves:**  
RUBBER

**Eye Protection:**  
GOGGLES/FACE SHIELD

**Other Protective Equipment:**  
Equipment AS REQUIRED TO PREVENT PROLONGED CONTACT.

**Work Hygienic Practices:**  
DO NOT RUB EYES AFTER CONTACT WITH FLUID.

**Supplemental Safety and Health:**  
THIS ENTRY IS OF OLD FORMULATION & P/N.DATE OF CHG UNKNOWN; OLD MSDS (ISSUE 2) IS NOT DATED; SEE P/N IND B,THIS NSN,FOR NEW P/N & FORMULATION.

## Health Hazards Data

**LD50LC50Mixture:**  
N/P

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

**Skin:**  
YES

**Ingestion:**  
YES

**Carcinogenicity Inds - NTP:**  
NO

**IARC:**  
NO

**OSHA:**  
NO

**Health Hazards Acute And Chronic:**  
HEALTH HAZARD TO SKIN.MAY CAUSE SKIN DEFATTING AND DERMATITIS.

**Explanation Of Carcinogenicity:**  
N/R

**Signs And Symptions Of Overexposure:**  
MAY CAUSE SKIN IRRITATION. EYE CONTACT MAY CAUSE EYE DAMAGE.HARMFUL IF SWALLOWED.

**Medical Cond Aggravated By Exposure:**  
NOT KNOWN. 4

**First Aid:**  
SKIN: FLUSH THOROUGHLY WITH WATER EYE CONTACT:FLUSH THOROUGHLY WITH WATER,GET PROMPT MEDICAL ATTENTION.IF SWALLOWED,GET PROMPT MEDICAL ATTENTION.

**Spill Release Procedures:**  
MOP OR,FLUSH WITH WATER & COLLECT IN A CONTAINER.PROTECT FROM OPEN FLAME.

**Neutralizing Agent:**  
N/P

**Waste Disposal Methods:**  
DETERMINE LOCAL REGULATIONS & DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE & FEDERAL REGULATIONS.

**Handling And Storage Precautions:**  
STORE IN COOL & DRY PLACE.PROVIDE ADEQUATE VENTILATION

**Other Precautions:**  
AVOID SKIN OR EYE CONTACT,USE PROPER PROTECTION.

## Fire and Explosion Hazard Information

**Flash Point Method:**  
CC

**Flash Point:**

**Flash Point Text:**  
230F,110C

**Autoignition Temp:**

**Autoignition Temp Text:**  
N/A

**Lower Limits:**  
N/K

**Upper Limits:**  
N/K

**Extinguishing Media:**  
CARBON DIOXIDE,DRY CHEMICAL

**Fire Fighting Procedures:**  
WEAR SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING. 5

**Unusual Fire/Explosion Hazard:**  
NOT SPECIFIED BY THE MFR

## Physical/Chemical Properties

**HCC:**  
N1

**NRC/State LIC No:**

**Net Prop WT For Ammo:**

**Boiling Point:**

**B.P. Text:**  
338-446F

**Melt/Freeze Pt:**

**M,P/F,P Text:**  
N/R 6

**Decomp Temp:**

**Decomp Text:**  
N/A

**Vapor Pres:**  
<1

**Vapor Density:**  
N/K

**Volatile Org Content %:**

**Spec Gravity:**  
1.04

**VOC Pounds/Gallon:**

**PH:** 10.7

**VOC Grams/Liter:**

**Viscosity:**  
N/P

**Evaporation Rate & Reference:**  
UNKNOWN

**Solubility in Water:**  
COMPLETE

**Appearance and Odor:**  
CLEAR,PALE YELLOW LIQUID.

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

**Corrosion Rate:**  
N/P

## Reactivity Data

**Stability Indicator:**  
YES

**Stability Condition To Avoid:**  
OPEN FLAME,HIGH TEMPERATURE.

**Materials To Avoid:**  
STRONG ACIDS,OXIDIZING AGENTS,REACTS WITH COPPER,SWELLS SOME PLASTICS.

**Hazardous Decomposition Products:**  
CARBON MONOXIDE,CARBON DIOXIDE,OXIDES OF NITROGEN.

**Hazardous Polymerization Indicator:**  
NO

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

## 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