

# MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-107/107-54-0.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**  
107-54-0  
**Code:**  
M  
**RTECS:**  
  
**Code:**  
X  
**Name:**  
3,5-DIMETHYL-1-HEXYN-3-OL  
**Other REC Limits:**  
NONE RECOMMENDED 3  
**OSHA PEL:**  
NOT ESTABLISHED  
**Code:**  
M  
**OSHA STEL:**  
  
**Code:**  
  
**ACGIH TLV:**  
NOT ESTABLISHED  
**Code:**  
M  
**ACGIHSTEL:**  
N/P  
**Code:**

## Control Measures

**Respiratory Protection:**  
NONE REQUIRED WHEN USED AS INTENDED IN XEROX PRODUCTS. 5  
**Ventilation:**  
NONE SPECIFIED BY MANUFACTURER.  
**Protective Gloves:**  
PVC PLASTIC GLOVES RECOMMENDED.  
**Eye Protection:**  
SAFETY GLASSES WITH SIDE SHIELDS.  
**Other Protective Equipment:**  
Equipment NONE REQUIRED WHEN USED AS INTENDED ON XEROX PRODUCTS.  
**Work Hygienic Practices:**  
NONE SPECIFIED BY MANUFACTURER.  
**Supplemental Safety and Health:**  
NONE.

## Health Hazards Data

**LD50LC50Mixture:**  
ORAL LD50 (RAT) IS > 21 G/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 IRRITATION: IRRITANT.  
**Explanation Of Carcinogenicity:**  
NOT CARCINOGENIC.  
**Signs And Symptions Of Overexposure:**  
CENTRAL NERVOUS SYSTEM DEPRESSION, RESPIRATORY DISTRESS, AND GASTROINTESTINAL IRRITATION.  
**Medical Cond Aggravated By Exposure:**  
NONE WHEN USED AS DESCRIBED BY PRODUCT LITERATURE.  
**First Aid:**  
EYES-FLUSH THOROUGHLY WITH WATER. SKIN-WASH THOROUGHLY WITH SOAP AND WATER. INHALATION-REMOVE FROM EXPOSURE. INGESTION-DILUTE STOMACH CONTENTS WITH SEVERAL GLASSES OF WATER.  
**Spill Release Procedures:**  
ELIMINATE SOURCES OF IGNITION. SMALL SPILLS SHOULD BE FLUSHED WITH LARGE QUANTITIES OF WATER. LARGE SPILLS SHOULD BE ABSORBED ON VERMICULITE OR SIMILIAR ABSORBENT MATERIAL COLLECTED FOR DISPOSAL. 4  
**Neutralizing Agent:**  
N/R  
**Waste Disposal Methods:**  
ABSORB LIQUID ON VERMICULITE OR OTHER ABSORBENT MATERIAL OR ATOMIZE INTO AN INCINERATOR WHERE PERMITTED. DISPOSE OF IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.  
**Handling And Storage Precautions:**  
DO NOT HANDLE OR STORE NEAR HEAT, SPARKS, FLAMES, OR OXIDIZING AGENTS. STORE IN COOL PLACE.  
**Other Precautions:**  
AVOID PROLONGED OR REPEATED SKIN CONTACT.

## Fire and Explosion Hazard Information

**Flash Point Method:**  
OC  
**Flash Point:**  
  
**Flash Point Text:**  
80.6F,27.0C  
**Autoignition Temp:**  
  
**Autoignition Temp Text:**  
N/R  
**Lower Limits:**  
N/R  
**Upper Limits:**  
N/R  
**Extinguishing Media:**  
ALCOHOL FOAM, CARBON DIOXIDE, DRY CHEMICAL.  
**Fire Fighting Procedures:**  
NONE  
**Unusual Fire/Explosion Hazard:**  
NONE

## Physical/Chemical Properties

**HCC:**  
F4  
**NRC/State LIC No:**  
N/R  
**Net Prop WT For Ammo:**  
  
**Boiling Point:**  
  
**B.P. Text:**  
76-82C  
**Melt/Freeze Pt:**  
  
**M.P/F.P Text:**  
N.A.  
**Decomp Temp:**  
  
**Decomp Text:**  
N/K  
**Vapor Pres:**  
15 MMHG  
**Vapor Density:**  
0.85 AIR=1  
**Volatile Org Content %:**  
  
**Spec Gravity:**  
0.82  
**VOC Pounds/Gallon:**  
  
**PH:** 10.6  
**VOC Grams/Liter:**  
  
**Viscosity:**  
N/K 6  
**Evaporation Rate & Reference:**  
3.1 (N-BUTYL ACETATE=1)  
**Solubility in Water:**  
COMPLETE  
**Appearance and Odor:**  
CLEAR LIQUID/ALCOHOLIC ODOR.  
**Percent Volatiles by Volume:**  
100  
**Corrosion Rate:**  
N/R

## Reactivity Data

**Stability Indicator:**  
YES  
**Stability Condition To Avoid:**  
NONE SPECIFIED BY MANUFACTURER.  
**Materials To Avoid:**  
ACETYL CHLORIDE  
**Hazardous Decomposition Products:**  
NONE  
**Hazardous Polymerization Indicator:**  
NO  
**Conditions To Avoid Polymerization:**  
NONE

## 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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