

# MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-647/64742-54-7.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**  
64742-54-7

**Code:**  
M

**RTECS:**  
PY8035500

**Code:**  
M

**Name:**  
MINERAL OIL, PETROLEUM DISTILLATES, HYDROTREATED (

**Other REC Limits:**  
NONE RECOMMENDED

**OSHA PEL:**  
5 MG/M3 (OIL MIST)

**Code:**  
M

**OSHA STEL:**

**Code:**

**ACGIH TLV:**  
5 MG/M3 (OIL MIST)

**Code:**  
M

**ACGIH STEL:**  
N/P

**Code:**

## Control Measures

**Respiratory Protection:**  
NONE NORMALLY REQUIRED. IF ENGINEERING CONTROLS FAIL OR A SPILL OCCURS; USE NIOSH/MSHA APPROVED RESPIRATOR WITH ORGANIC VAPOR CARTRIDGE, OR SUPPLIED AIR RESPIRATOR, OR SCBA, AS APPROPRIATE. USE IAW 29 CFR 1910.134.

**Ventilation:**  
USE ADEQUATE MECHANICAL VENTILATION.

**Protective Gloves:**  
NEOPRENE

**Eye Protection:**  
SAFETY GLASSES 3

**Other Protective Equipment:**  
Equipment IMPERVIOUS AS NEEDED TO PREVENT PROLONGED OR REPEATED SKIN CONTACT. HMIS: EYE WASH NEARBY RECOMMENDED.

**Work Hygienic Practices:**  
WASH HANDS AFTER USE AND BEFORE EATING, DRINKING, OR SMOKING. LAUNDRY CONTAMINATED CLOTHES BEFORE REUSE.

**Supplemental Safety and Health:**  
NONE SPECIFIED BY MANUFACTURER.

## Health Hazards Data

**LD50/LC50 Mixture:**  
ORAL LD50 (RAT) IS UNKNOWN

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

**Skin:**  
YES

**Ingestion:**  
YES

**Carcinogenicity Inds - NTP:**  
NO

**IARC:**  
NO

**OSHA:**  
NO

**Health Hazards Acute And Chronic:**  
EYE CONTACT MAY CAUSE IRRITATION. SKIN CONTACT MAY CAUSE IRRITATION. INGESTION MAY CAUSE GASTROINTESTINAL DISTRESS. INHALATION OF HIGH CONCENTRATIONS OF MISTS MAY PRODUCE IRRITATION AND DAMAGE TO RESPIRATORY TRACT. ASPIRATION HAZARD.

**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, SKIN IRRITATION, GI TRACT IRRITATION, NAUSEA, VOMITING, DIARRHEA, ABDOMINAL PAIN, RESPIRATORY TRACT IRRITATION, RESPIRATORY TRACT DAMAGE.

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

**First Aid:**  
INHALED: MOVE TO FRESH AIR. ADMINISTER OXYGEN IF NEEDED. GIVE ARTIFICIAL RESPIRATION OF BREATHING SPED. SEE DOCTOR. EYES: FLUSH WITH LOTS OF WATER FOR 15 MINUTES, HOLD LIDS OPEN. SEE DOCTOR. SKIN: REMOVE CONTAMINATED CLOTHES. WASH WITH SOAP AND WATER. INGESTED: DO NOT INDUCE VOMITING; ASPIRATION HAZARD. GET MEDICAL ATTENTION. 2

**Spill Release Procedures:**  
DO NOT ALLOW PRODUCT TO ENTER SEWERS OR WATERWAYS. CONTAIN SPILL AND ABSORB WITH INERT MATERIAL AND PLACE IN A CONTAINER FOR LATER DISPOSAL.

**Neutralizing Agent:**  
NONE SPECIFIED BY MANUFACTURER.

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

**Handling And Storage Precautions:**  
STORE IN A COOL, DRY, WELL-VENTILATED AREA AWAY FROM SOURCES OF IGNITION AND INCOMPATIBLES.

**Other Precautions:**  
AVOID PROLONGED OR REPEATED INHALATION OF VAPORS, MISTS, AND FUMES. KEEP CONTAINERS CLOSED.

## Fire and Explosion Hazard Information

**Flash Point Method:**  
COC

**Flash Point:**

**Flash Point Text:**  
495F, 257C

**Autoignition Temp:**

**Autoignition Temp Text:**  
N/A

**Lower Limits:**  
NOT GIVEN

**Upper Limits:**  
NOT GIVEN

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

**Fire Fighting Procedures:**  
WEAR SELF-CONTAINED BREATHING APPARATUS AND BUNKER GEAR. USE WATER FOG OR SPRAY TO COOL FIRE EXPOSED CONTAINERS.

**Unusual Fire/Explosion Hazard:**  
EMPTY CONTAINERS MAY CONTAIN RESIDUE OR VAPORS WHICH CAN IGNITE EXPLOSIVELY; DO NOT CUT, WELD, BRAZE ON OR NEAR FULL OR EMPTY CONTAINERS.

## Physical/Chemical Properties

**HCC:**  
N1

**NRC/State LIC No:**  
N/R

**Net Prop WT For Ammo:**

**Boiling Point:**

**B.P. Text:**  
>500F, >260C

**Melt /Freeze Pt:**

**M.P./F.P Text:**  
NOT GIVEN

**Decomp Temp:**

**Decomp Text:**  
NOT GIVEN

**Vapor Pres:**  
NOT GIVEN

**Vapor Density:**  
>1

**Volatile Org Content %:**

**Spec Gravity:**  
0.8600

**VOC Pounds/Gallon:**

**PH:** N/K

**VOC Grams/Liter:**

**Viscosity:**  
N/P

**Evaporation Rate & Reference:**  
< 1(N-BUTYL ACETATE=1)

**Solubility in Water:**  
NEGLECTIBLE

**Appearance and Odor:**  
AMBER FLUID, PETROLEUM HYDROCARBON ODOR

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

**Corrosion Rate:**  
UNKNOWN

## Reactivity Data

**Stability Indicator:**  
YES

**Stability Condition To Avoid:**  
CONTACT WITH STRONG OXIDIZING AGENTS. SOURCES OF IGNITION.

**Materials To Avoid:**  
STRONG OXIDIZING AGENTS

**Hazardous Decomposition Products:**  
SMOKE, FUMES, OXIDES OF CARBON, MINOR AMOUNTS OF VARIOUS HYDROCARBONS AND SULFUR OXIDES.

**Hazardous Polymerization Indicator:**  
NO

**Conditions To Avoid Polymerization:**  
NONE. WILL NOT OCCUR.

## 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