

# MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-637/637-03-6.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**  
637-03-6  
**Code:**  
M

**RTECS:**  
CH8100000  
**Code:**  
M

**Name:**  
PHENYLARSINE OXIDE

**Other REC Limits:**  
N/P

**OSHA PEL:**  
0.5 MG AS/CUM  
**Code:**  
M

**OSHA STEL:**

**Code:**

**ACGIH TLV:**  
0.2 MG AS/CUM  
**Code:**  
M

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

## Control Measures

**Respiratory Protection:**  
NONE NORMALLY NEEDED. USE NIOSH RESPIRATOR OR SUPPLIED AIR RESPIRATOR IF EXPOSED ABOVE TLV.

**Ventilation:**  
USE HOOD OR OTHER LOCAL EXHAUST TO MAINTAIN EXPOSURE BELOW TLV.

**Protective Gloves:**  
NONE.

**Eye Protection:**  
SAFETY GLASSES.

**Other Protective Equipment:**  
Equipment EYE WASH,SAFETY SHOWER, LAB COAT OR APRON.

**Work Hygienic Practices:**  
USE NORMAL CHEMICAL HYGIENE PRACTICES. 5

**Supplemental Safety and Health:**  
THIS NSN CANCELLED W/O REPLACEMENT 01AUG88.

## Health Hazards Data

**LD50LC50Mixture:**  
N/P

**Route Of Entry Inds - Inhalation:**  
NO

**Skin:**  
YES

**Ingestion:**  
YES

**Carcinogenicity Inds - NTP:**  
YES

**IARC:**  
YES

**OSHA:**  
NO 3

**Health Hazards Acute And Chronic:**  
PRODUCT IS TOXIC DUE TO ITS CORROSIVITY. THE ARSENIC CONTENT IS SUFFICIENTLY LOW THAT ONLY CHRONIC EXPOSURE WILL PRODUCE AN ARSENIC TOXICITY.

**Explanation Of Carcinogenicity:**  
ARSENIC AND SOME ARSENIC COMPOUNDS HAVE BEEN IDENTIFIED AS CARCINOGENS.

**Signs And Symptoms Of Overexposure:**  
SKIN RASH,BURNS.

**Medical Cond Aggravated By Exposure:**  
PRE-EXISTING LIVER CONDITIONS AND ARSENIC ALLERGIES/SENSITIVITIES.

**First Aid:**  
EYES:FLUSH WITH WATER 15 MIN. GET MEDICAL ATTENTION. SKIN:WASH WITH SOAP & WATER. IF RASH APPEARS,GET MEDICAL ATTENTION. INHALED:REMOVE TO FRESH AIR. GET MEDICAL ATTENTION. INGESTED:GIVE LARGE AMOUNTS OF MILK OR WATER. INDUCE VOMITING. GET MEDICAL ATTENTION. NOTHING BY MOUTH IF UNCONSCIOUS.

**Spill Release Procedures:**  
ABSORB ON INERT MATERIAL.

**Neutralizing Agent:**  
NONE REPORTED.

**Waste Disposal Methods:**  
DISPOSE I/A/W FEDERAL,STATE,LOCAL REGULATIONS.

**Handling And Storage Precautions:**  
STORE IN COOL,DRY AREA. PROTECT FROM SUNLIGHT.

**Other Precautions:**  
N/P

## Fire and Explosion Hazard Information

**Flash Point Method:**  
4 N/P

**Flash Point:**

**Flash Point Text:**  
N/K

**Autoignition Temp:**

**Autoignition Temp Text:**  
N/A

**Lower Limits:**  
N/K

**Upper Limits:**  
N/K

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

**Fire Fighting Procedures:**  
WEAR SELF-CONTAINED BREATHING APPARATUS.

**Unusual Fire/Explosion Hazard:**  
MAY EMIT TOXIC FUMES.

## Physical/Chemical Properties

**HCC:**  
N1

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

**Net Prop WT For Ammo:**

**Boiling Point:**

**B.P. Text:**  
212F/100C

**Melt/Freeze Pt:**

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

**Decomp Temp:**

**Decomp Text:**  
N/K

**Vapor Pres:**  
N/K

**Vapor Density:**  
N/K

**Volatile Org Content %:**

**Spec Gravity:**  
1.033

**VOC Pounds/Gallon:**

**PH:** 6.7

**VOC Grams/Liter:**

**Viscosity:**  
N/P

**Evaporation Rate & Reference:**  
0.64 (REF N/K)

**Solubility in Water:**  
MISCIBLE

**Appearance and Odor:**  
CLEAR,COLORLESS LIQUID,SWEET ODOR.

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

**Corrosion Rate:**  
N/P

## Reactivity Data

**Stability Indicator:**  
YES

**Stability Condition To Avoid:**  
EXPOSURE TO LIGHT,ESPECIALLY ULTRA VIOLET.

**Materials To Avoid:**  
NONE REPORTED.

**Hazardous Decomposition Products:**  
ARSENIC FUMES,CARBON DIOXIDE.

**Hazardous Polymerization Indicator:**  
NO 6

**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