

# MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-778/7784-41-0.html> for suppliers of this product.

## Composition/Information on Ingredient

### Cas:

7784-41-0

### Code:

M

### RTECS:

CG1100000

### Code:

M

### Name:

POTASSIUM ARSENATE (SARA III)

### Other REC Limits:

N/P

### OSHA PEL:

SEE 1910.1018

### Code:

M

### OSHA STEL:

### Code:

### ACGIH TLV:

0.2 MG AS/M3; 9192

### Code:

M

### ACGIHSTEL:

N/P

### Code:

## Control Measures

### Respiratory Protection:

NOT NORMALLY NECESSARY. USE NIOSH/MSHA APPROVED RESPIRATOR WITH HIGH EFFICIENCY FILTER CARTRIDGE OR SUPPLIED AIR RESPIRATOR IF EXPOSED ABOVE PEL/TLV.

### Ventilation:

USE HOOD OR OTHER LOCAL EXHAUST TO MAINTAIN EXPOSURE BELOW PEL/TLV.

### Protective Gloves:

RUBBER,PLASTIC,OTHER IMPERVIOUS.

### Eye Protection:

SAFETY GLASSES.

### Other Protective Equipment:

Equipment EYE WASH,SAFETY SHOWER,LAB COAT OR APRON.

### Work Hygienic Practices:

4 USE STRICT CHEMICAL HYGIENE PRACTICES. DO NOT WEAR CONTACT LENSES. AVOID ALL CONTACT.

### Supplemental Safety and Health:

N/P

## Health Hazards Data

### LD50LC50Mixture:

N/K

### Route Of Entry Inds - Inhalation:

YES

### Skin:

NO

### Ingestion:

YES

### Carcinogenicity Inds - NTP:

YES

### IARC:

YES

### OSHA:

YES

### Health Hazards Acute And Chronic:

2 PRODUCT IS TOXIC. ACUTE POISONING PRODUCES IRRITATION AND MANY SYMPTOMS LEADING TO AND INCLUDING DEATH. CHRONIC SUBLETHAL EXPOSURES MAY CAUSE ALOPECIA,SKIN BRONZING,AND DAMAGE TO THE CENTRAL NERVOUS S YSTEM,LIVER AND/OR KIDNEYS.

### Explanation Of Carcinogenicity:

ARSENIC IS LISTED AS CARCINOGENIC BY ALL THREE AGENCIES PLUS ACGIH AND EPA.

### Signs And Symptions Of Overexposure:

EYE:IRRITATION,CONJUNCTIVITIS. SKIN:IRRITATION,SENSITIZATION,HYPERPIGMENTATION,HYPERKERATOSIS. INHALED:INHALATION,PULMONARY EDEMA,CYANOSIS. INGESTED:HEADACHE,DIZZINESS,NAUSEA,VOMITING,CHILLS,CRAMPS,PA RALYSIS,JAUNDICE,OLIGUREA AND ANUREA. FATAL DOSES PRODUCE MORE INTENSE SYMPTOMS.

### Medical Cond Aggravated By Exposure:

ARSENIC SENSITIZATION.

### First Aid:

EYE:FLUSH WITH WATER 15 MIN. SKIN:REMOVE CONTAMINATED CLOTHING. WASH WITH SOAP & WATER. LAUNDER CLOTHING BEFORE REUSE. INHALED:REMOVE FROM EXPOSURE. GIVE ARTIFICIAL RESPIRATION OR OXYGEN AS NEEDED. IN GESTED:REMOVE BY LAVAGE OR EMISIS. GET MEDICAL CARE.

### Spill Release Procedures:

RECOVER SOLID. STORE IN CLOSED CONTAINER.

### Neutralizing Agent:

LIME,SODIUM BICARBONATE.

### Waste Disposal Methods:

DISPOSE I/A/W FEDERAL,STATE,LOCAL REGULATIONS.

### Handling And Storage Precautions:

STORE IN A COOL,DRY,WELL VENTILATED AREA. SEPARATE FROM FOOD,BEVERAGE,ETC.

### Other Precautions:

N/P

## Fire and Explosion Hazard Information

### Flash Point Method:

N/P

### Flash Point:

### Flash Point Text:

NON-FLAMMABLE

### Autoignition Temp:

### Autoignition Temp Text:

N/A

### Lower Limits:

N/R

### Upper Limits:

N/R

### Extinguishing Media:

NOT FLAMMABLE. USE MEDIA APPROPRIATE FOR SURROUNDING FIRE.

### Fire Fighting Procedures:

USE POSITIVE PRESSURE SELF CONTAINED BREATHING APPARATUS.

### Unusual Fire/Explosion Hazard:

EMITS TOXIC FUMES.

## Physical/Chemical Properties

### HCC:

T3

### NRC/State LIC No:

N/R

### Net Prop WT For Ammo:

### Boiling Point:

### B.P. Text:

DECOMPOSES

### Melt/Freeze Pt:

### M.P/F.P Text:

550F/288C

### Decomp Temp:

### Decomp Text:

N/K

### Vapor Pres:

N/K

### Vapor Density:

N/K

### Volatile Org Content %:

### Spec Gravity:

2.8

### VOC Pounds/Gallon:

### PH: N/K

### VOC Grams/Liter:

### Viscosity:

N/P

### Evaporation Rate & Reference:

N/K

### Solubility in Water:

19% @ 6C

### Appearance and Odor:

WHITE CRYSTALLINE SOLID,ODORLESS.

### Percent Volatiles by Volume:

N/K

### Corrosion Rate:

N/P

## Reactivity Data

### Stability Indicator:

YES

### Stability Condition To Avoid:

NONE REPORTED.

### Materials To Avoid:

NONE REPORTED.

### Hazardous Decomposition Products:

ARSENIC FUMES. 5

### 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

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WARRANTY

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