

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

ACGIH STEL:

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

LD50/LC50 Mixture:

N/K

Route Of Entry Inh - Inhalation:

YES

Skin:

NO

Ingestion:

YES

Carcinogenicity Inh - 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 SYSTEM,LIVER AND/OR KIDNEYS.

Explanation Of Carcinogenicity:

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

Signs And Symptoms Of Overexposure:

EYE:IRRITATION,CONJUNCTIVITIS. SKIN:IRRITATION,SENSITIZATION,HYPERPIGMENTATION,HYPERKERATOSIS. INHALED:INHALATION,PULMONARY EDEMA,CYANOSIS. INGESTED:HEADACHE,DIZZINESS,NAUSEA,VOMITING,CHILLS,CRAMPS,PARALYSIS,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. INGESTED:REMOVE BY LAVAGE OR EMESIS. 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:

N/A

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:

N/K

Boiling Point:

N/K

B.P. Text:

DECOMPOSES

Melt/Freeze Pt:

N/K

Decomp Temp:

550F/288C

Decomp Temp Text:

550F/288C

Decomp Text:

N/K

Vapor Pres:

N/K

Vapor Density:

N/K

Volatile Org Content %:

N/K

Spec Gravity:

2.8

VOC Pounds/Gallon:

N/K

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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