

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-778/7784-34-1.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:

7784-34-1

Code:

M

RTECS:

CG1750000

Code:

M

Name:

ARSENIC TRICHLORIDE (ARSENIC CHLORIDE)

Other REC Limits:

NONE RECOMMENDED

OSHA PEL:

0.01 MG/M3 (AS AS).

Code:

M

OSHA STEL:

Code:

ACGIH TLV:

0.01 MG/M3 (AS AS).

Code:

M N/P

ACGIH STEL:

EPA Rpt Qty: 1 LB DOT Rpt Qty: 1 LB Ozone Dep

Code:

1 ACGIH STEL:

Control Measures

Respiratory Protection:

USE IN WELL VENTILATED AREA (HOOD). ALWAYS USE NIOSH APPROVED RESPIRATORS WHEN REQUIRED.

Ventilation:

ADEQUATE

Protective Gloves:

NATURAL RUBBER OR LATEX 3

Eye Protection:

SAFETY GOGGLES WITH OPTIONAL FACE SHIELD

Other Protective Equipment:

Equipment EYE WASH STATION AND SAFETY SHOWER. INDUSTRIAL-TYPE WORK CLOTHING AND APRON AS REQUIRED.

Work Hygienic Practices:

OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES. DO NOT WEAR CONTAMINATED CLOTHING OR FOOTWEAR.

Supplemental Safety and Health:

MANUFACTURER UNKNOWN. THIS MSDS WAS PREPARED BY THE PROFESSIONALS OF DGSC-SHH WITHOUT ANY WARRANTY. IT IS THE USER'S RESPONSIBILITY TO GATHER INFORMATION AND USE THE MATERIAL PROPERLY TO PROTECT EMPLOYEES AND ENVIRONMENT.

Health Hazards Data

LD50LC50Mixture:

LD50(ORAL,RAT), ARSENIC TRIOX.:14.6 MG/KG

Route Of Entry Inds - Inhalation:

YES

Skin:

YES

Ingestion:

YES

Carcinogenicity Inds - NTP:

YES

IARC:

YES

OSHA:

YES

Health Hazards Acute And Chronic:

TARGET ORGANS: EYE, SKIN, CNS, LIVER, RESPIRATORY & GI TRACTS. ACUTE- TOXIC. MAY BE FATAL IF SWALLOWED/INHALED. EXTREMELY DESTRUCTIVE TO TISSUE OF MUCOUS MEMBRANES & UPPER RESPIRATORY TRACT, EYES & SKIN. INHALATION MAY BE FATAL DUE TO SPASM, INFLAMMATION & EDEMA OF LARYNX & BRONCHI. MAY CAUSE BLINDNESS. CHRONIC- UNKNOWN

Explanation Of Carcinogenicity:

CONTAINS ARSENIC (INORGANIC).

Signs And Symptoms Of Overexposure:

CORROSIVE TO EYES, SKIN AND MUCOUS MEMBRANES, IRRITATION OF EYES, SKIN, RESPIRATORY TRACT, ABDOMINAL PAIN, NAUSEA, VOMITING, COUGHING

Medical Cond Aggravated By Exposure:

PERSONS WITH A HISTORY OF AILMENTS OR WITH A PRE-EXISTING DISEASE INVOLVING THE EYES, SKIN, OR RESPIRATORY TRACT MAY BE AT INCREASED RISK FROM EXPOSURE.

First Aid:

2 GET MEDICAL ATTENTION IMMEDIATELY. EYE/SKIN: IMMEDIATELY FLUSH WITH WATER FOR AT LEAST 15 MINUTES. HOLD EYELIDS OPEN. INHALED: REMOVE TO FRESH AIR & PROVIDE OXYGEN/CPR IF NEEDED. ORAL: CALL A PHYSICIAN OR POISON CONTROL CENTER IMMEDIATELY. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

Spill Release Procedures:

COVER SPILL WITH SOLID NEUTRALIZER OR ABSORBER. PUT NEUTRALIZED MATERIAL IN LINED DISPOSAL CONTAINER.

Neutralizing Agent:

SODIUM BICARBONATE

Waste Disposal Methods:

DISPOSAL SHOULD BE MADE IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL LAWS AND REGULATIONS. CORROSIVE AND TOXIC WASTE.

Handling And Storage Precautions:

STORE IN A COOL, VENTILATED AREA. KEEP CONTAINERS TIGHTLY CLOSED WHEN NOT IN USE. PROTECT CONTAINERS FROM PHYSICAL DAMAGE.

Other Precautions:

TOXIC. DO NOT TAKE INTERNALLY. DO NOT BREATHE VAPORS. AVOID CONTACT WITH EYES AND SKIN. WASH THOROUGHLY AFTER HANDLING. KEEP OUT OF REACH OF CHILDREN.

Fire and Explosion Hazard Information

Flash Point Method:

N/P

Flash Point:

Flash Point Text:

NONE

Autoignition Temp:

Autoignition Temp Text:

N/R

Lower Limits:

N/R

Upper Limits:

N/R

Extinguishing Media:

USE WATER FOG, CARBON DIOXIDE, FOAM, OR DRY CHEMICAL.

Fire Fighting Procedures:

WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A FULL FACED SELF CONTAINED BREATHING APPARATUS. EVACUATE AREA. COOL FIRE EXPOSED CONTAINERS WITH WATER SPRAY.

Unusual Fire/Explosion Hazard:

MAY FORM TOXIC OXIDES OF ARSENIC.

Physical/Chemical Properties

HCC:

T3

NRC/State Lic No:

NOT RELEVANT

Net Prop WT For Ammo:

Boiling Point:

B.P. Text:

212F/100C

Melt / Freeze Pt:

M.P/F.P Text:

UNKNOWN

Decomp Temp:

Decomp Text:

UNKNOWN

Vapor Pres:

UNKNOWN

Vapor Density:

UNKNOWN

Volatile Org Content %:

YES

Spec Gravity:

1

VOC Pounds/Gallon:

PH: N/K

VOC Grams/Liter:

Viscosity:

UNKNOWN

Evaporation Rate & Reference:

UNKNOWN

Solubility in Water:

COMPLETE

Appearance and Odor:

WATER WHITE LIQUID, PUNGENT ODOR

Percent Volatiles by Volume:

N/K

Corrosion Rate:

UNKNOWN

Conditions To Avoid Polymerization:

NOT RELEVANT

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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</