

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-778/7783-93-9.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
7783-93-9
Code:
M

RTECS:

Code:
X

Name:
SILVER PERCHLORATE

Other REC Limits:
NONE RECOMMENDED

OSHA PEL:
NOT ESTABLISHED
Code:
M

OSHA STEL:

Code:

ACGIH TLV:
NOT ESTABLISHED
Code:
M

ACGIHSTEL:
N/P
Code:

Control Measures

Respiratory Protection:
NONE SPECIFIED BY MANUFACTURER.

Ventilation:
NONE SPECIFIED BY MANUFACTURER. DLA-HMIS: USE ADEQUATE MECHANICAL VENTILATION TO MAINTAIN EXPOSURE BELOW TLV.

Protective Gloves:
RUBBER

Eye Protection:
SAFETY GLASSES/CHEMICAL SPLASH GOGGLES

Other Protective Equipment:
Equipment NONE SPECIFIED BY MANUFACTURER. DLA-HMIS: EYE WASH STATION &SAFETY SHOWER READILY AVAILABLE TO WORK AREA.

Work Hygienic Practices:
USE GOOD PERSONAL HYGIENE.

Supplemental Safety and Health:
N/P

Health Hazards Data

LD50LC50Mixture:
ORAL LD50 (RAT) IS UNKNOWN

Route Of Entry Inds - Inhalation:
YES

Skin:
NO

Ingestion:
YES

Carcinogenicity Inds - NTP:
NO

IARC:
NO

OSHA:
NO

Health Hazards Acute And Chronic:
ACUTE: EXPOSURE MAY BE CORROSIVE AND IRRITATING TO EYE, SKIN & MUCOUS MEMBRANES. WILL CAUSE SKIN TO TURN BLACK AFTER CONTACT. CHRONIC: PROLONGED OR REPEATED EXPOSURE MAY LEAD TO ARGYRIA (PIGMENTATION) .

Explanation Of Carcinogenicity:
SILVER PERCHLORATE IS NOT LISTED AS A CARCINOGEN BY NTP, IARC, OR OSHA.

Signs And Symptoms Of Overexposure:
INHALED: SYMPTOMS SIMILAR TO BRONCHITIS. SKIN/EYES: TURN GREY-BLUE, BURNING SENSATION, TEARING OF EYES, DISCOMFORT. INGESTED: ABDOMINAL PAIN, RIGIDITY, VOMITING, CONVULSIONS, & SHOCK (AFTER VERY LARGE DOSES).

Medical Cond Aggravated By Exposure:
NONE SPECIFIED BY MANUFACTURER.

First Aid:
SKIN/EYES- WASH THOROUGHLY WITH WATER, IMMEDIATELY AFTER CONTACT. IF EYE IRRITATION PERSISTS, GET MEDICAL ATTENTION. INGESTED- IF CONSCIOUS, GIVE WATER CONTAINING A TEASPOON OF SALT.

Spill Release Procedures:
WASH SPILLS WITH WATER. WASTE MATERIAL TO SILVER RECOVERY. CHECK LOCAL REGULATIONS PRIOR TO PUTTING SILVER INTO SEWER.

Neutralizing Agent:
NONE SPECIFIED BY MANUFACTURER.

Waste Disposal Methods:
DISPOSE OF IN ACCORDANCE WITH LOCAL,STATE & FEDERAL REGULATIONS.DLA-HMIS:ANY WASTE MATERIAL SHOULD BE SENT TO RECOVERY PER USING SERVICE PROCEDURES FOR PRECIOUS METAL RECOVERY.EPA/RCRA WASTE NUMBER D0 11 MAY APPLY TO UNUSED/UNCONTAMINATED PRODUCT.

Handling And Storage Precautions:
STORE AWAY FROM ORGANIC MATTER, FLAMMABLES, COMBUSTIBLES & REDUCING AGENTS.

Other Precautions:
NONE SPECIFIED BY MANUFACTURER. 2

Fire and Explosion Hazard Information

Flash Point Method:
N/P

Flash Point:

Flash Point Text:
UNKNOWN

Autoignition Temp:

Autoignition Temp Text:
N/A

Lower Limits:
UNKNOWN

Upper Limits:
UNKNOWN

Extinguishing Media:
WATER

Fire Fighting Procedures:
NONE SPECIFIED BY MANUFACTURER. DLA-HMIS: WEAR SELF-CONTAINED BREATHING APPARATUS AND FULL BUNKER GEAR.

Unusual Fire/Explosion Hazard:
MAY CAUSE FIRE OR EXPLOSION WITH ORGANIS MATTER, FLAMMABLES OR REDUCING AGENTS. SMOKE WILL CONTAIN NOXIOUS GAS.

Physical/Chemical Properties

HCC:
D1

NRC/State LIC No:
NOT RELEVANT

Net Prop WT For Ammo:
3

Boiling Point:

B.P. Text:
UNKNOWN

Melt/Freeze Pt:

M.P/F.P Text:
UNKNOWN

Decomp Temp:

Decomp Text:
UNKNOWN

Vapor Pres:
UNKNOWN

Vapor Density:
UNKNOWN

Volatile Org Content %:

Spec Gravity:
UNKNOWN

VOC Pounds/Gallon:

PH: N/K

VOC Grams/Liter:

Viscosity:
N/R

Evaporation Rate & Reference:
UNKNOWN

Solubility in Water:
APPRECIABLE

Appearance And Odor:
WHITE, DELOQUESCENT CRYSTALS; ODORLESS

Percent Volatiles by Volume:
N/K

Corrosion Rate:
UNKNOWN

Reactivity Data

Stability Indicator:
YES

Stability Condition To Avoid:
NONE SPECIFIED BY MANUFACTURER. DLA-HMIS: AVOID EXPOSURE TO INCOMPATIBLE MATERIALS.

Materials To Avoid:
FLAMMABLES, COMBUSTIBLES, &REDUCING AGENTS.

Hazardous Decomposition Products:
NONE SPECIFIED BY MANUFACTURER.

Hazardous Polymerization Indicator:
N/P

Conditions To Avoid Polymerization:
UNKNOWN

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