

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-102/10294-26-5.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:

10294-26-5

Code:

M

RTECS:**Code:**

X

Name:

SILVER SULFATE

Other REC Limits:

N/P

OSHA PEL:

N/P

Code:**OSHA STEL:****Code:****ACGIH TLV:**

0.01 MG(AG)/CUM

Code:

M

ACGIH STEL:

N/P

Code:

Control Measures

Respiratory Protection:

NONE RECOMMENDED BY MANUFACTURER. USE NIOSH APPROVED RESPIRATOR FOR MERCURY FUMES IF REQUIRED.

Ventilation:

LOCAL EXHAUST @ 100 CFM (HOOD) PLUS GOOD MECHANICAL (GENERAL) VENTILATION.

Protective Gloves:

RUBBER 5

Eye Protection:

FACE SHIELD

Other Protective Equipment:

Equipment EYE WASH SAFETY SHOWER, RUBBER APRON.

Work Hygienic Practices:

WASH THOROUGHLY AFTER HANDLING. USE FRESH CLOTHING DAILY. TAKE HOT SHOWER AFTER WORKING USING PLENTY OF SOAP.

Supplemental Safety and Health:

*** AVOID CONTACT WITH MERCURY CYANIDES. HIGHLY CORROSIVE. MAY SET FIRE TO WOOD OR CELLULOSE.

Health Hazards Data

LD50/LC50 Mixture:

N/P

Route Of Entry Inds - Inhalation:

N/P

Skin:

N/P

Ingestion:

N/P

Carcinogenicity Inds - NTP:

NO

IARC:

NO

OSHA:

NO

Health Hazards Acute And Chronic:

POISON! ORAL INGESTION MAY BE FATAL. POISONING CAN OCCUR BY INHALATION AND BY SKIN ADSORPTION. CAUSES SEVERE BURNS.

Explanation Of Carcinogenicity:

N/R

Signs And Symptoms Of Overexposure:

SEVERE BURNS TO EYES, SKIN & RESPIRATORY TRACT. MAY BE FATAL.

Medical Cond Aggravated By Exposure:

NONE SPECIFIED BY MANUFACTURER.

First Aid:

CONTACT POISON CONTROL CENTER. FLUSH SKIN OR EYES WITH PLENTY OF FRESH WATER FOR AT LEAST 15 MINUTES. REMOVE CONTAMINATED CLOTHING AND SHOES. IF SWALLOWED, DO NOT GIVE EMMETICS. IF CONSCIOUS, GIVE PLENTY OF WATER TO DRINK. IF DIFFICULTY IN BREATHING EXISTS, GIVE OXYGEN. GET MEDICAL ATTENTION IMMEDIATELY.

Spill Release Procedures:

COVER THE CONTAMINATED AREA WITH SODIUM BICARBONATE OR A SODA ASH/SLAKED LIME (50:50). MIX & ADD WATER TO MAKE SLURRY. SCOOP SLURRY INTO HARD PLASTIC, CHEMICAL RESISTANT CONTAINER.

Neutralizing Agent:

SODIUM BICARBONATE/SLAKED LIME

Waste Disposal Methods:

BURY IN APPROVED LANDFILL IN ACCORDANCE WITH ALL LOCAL, STATE & FEDERAL REGULATIONS. OPTIONALLY, MATERIAL MAY BE SENT TO A LICENSED MERCURY RECOVERY FACILITY. 4

Handling And Storage Precautions:

AVOID CONTACT WITH EYES, SKIN, AND CLOTHING. AVOID BREATHING DUST OR SOLUTION SPRAY. KEEP IN TIGHTLY SEALED CONTAINERS.

Other Precautions:

NONE

Fire and Explosion Hazard Information

Flash Point Method:

N/P

Flash Point:**Flash Point Text:**

NONE

Autoignition Temp:

N/A

Autoignition Temp Text:

N/A

Lower Limits:

NONE

Upper Limits:

NONE

Extinguishing Media:

CARBON DIOXIDE, DRY CHEMICAL

Fire Fighting Procedures:

WEAR NIOSH APPROVED RESPIRATOR (SCBA) & FULL PROTECTIVE FIRE FIGHTING EQUIPMENT.

Unusual Fire/Explosion Hazard:

CAN DECOMPOSE & RELEASE MERCURY VAPOR WHEN HEATED.

Physical/Chemical Properties

HCC:

C1

NRC/State Lic No:

N/R

Net Prop WT For Ammo:

N/P

Boiling Point:

N/P

B.P. Text:

302F,150C

Melt/Freeze Pt:

N/P

M.P./F.P. Text:

N/A

Decomp Temp:

N/P

Decomp Text:

N/A

Vapor Pres:

N/K

Vapor Density:

N/K

Volatile Org Content %:

N/K

Spec Gravity:

1.7

VOC Pounds/Gallon:

N/P

PH:

N/P

VOC Grams/Liter:

N/P

Viscosity:

N/P

Evaporation Rate & Reference:

N/R

SOLUBILITY in Water:

COMPLETE

Appearance and Odor:

BURNT ORANGE COLORED LIQUID WITH POSSIBLE SOME PRECIPITATE PRESENT. 6

Percent Volatiles by Volume:

0

Corrosion Rate:

N/K

Reactivity Data

Stability Indicator:

YES

Stability Condition To Avoid:

HIGH HEAT OF CLOSED AMPULES OR TWIST TUBES MAY CAUSE ENOUGH PRESSURE BUILDUP TO CAUSE IT TO BURST.

Materials To Avoid:

REACTS VIOLENTLY WITH WATER ORGANIC MATERIALS WITH EVOLUTION OF HEAT. AVOID ACETONE, HYDRAZINE, HYDROXYLAMINE

Hazardous Decomposition Products:

MERCURY VAPOR

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 Right-to-Know Information:

N/P

State Regulatory Information:

N/P

Other Information

Other Information:

N/P

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