

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-778/7783-34-8.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:

7783-34-8

Code:

M

RTECS:

Code:

X

Name:

MERCURIC NITRATE

Other REC Limits:

N/K

OSHA PEL:

100 UG/M3 (HG)

Code:

M

OSHA STEL:

Code:

ACGIH TLV:

100 UG/M3 (HG)

Code:

M

ACGIH STEL:

N/P

Code:

Control Measures

Respiratory Protection:

WEAR NIOSH/MSHA APPROVED CHEMICAL CARTRIDGE RESPIRATOR. USE ADEQUATE VENTILATION.

Ventilation:

USE ONLY IN A CHEMICAL FUME HOOD.

Protective Gloves:

NEOPRENE OR POLYETHYLENE GLOVES.

Eye Protection:

CHEMICAL WORKERS GOGGLES (FP N).

Other Protective Equipment:

Equipment MAKE EYE BATH AND EMERGENCY SHOWER AVAILABLE.

Work Hygienic Practices:

WASH HANDS FREQUENTLY AND THOROUGHLY DURING CONTACT WITH MATERIAL AND AT END OF WORKDAY (FP N).

Supplemental Safety and Health:

NONE SPECIFIED BY MANUFACTURER.

Health Hazards Data

LD50/LC50/Mixture:

NONE SPECIFIED BY MANUFACTURER.

Route Of Entry Inds - Inhalation:

YES

Skin:

YES

Ingestion:

NO

Carcinogenicity Inds - NTP:

NO

IARC:

NO

OSHA:

N/K

Health Hazards Acute And Chronic:

EYES:CAUSES IRRITATION. MAY CAUSE SEVERE BURNS AND LOSS OF VISION. SKIN:CAUSES SKIN IRRITATION. READILY ABSORBED. INHAL:CAUSES RESPIRATORY TRACT INFLAMMATION. INGEST:SEVERE NAUSEA, ABDOMINAL PAIN, BLOODY DIARRHEA, KIDNEY DAMAGE, DEATH. CHRONIC:CNS DISTURBANCES, MUSCLE TREMORS, LOSS OF MEMORY, (SEE EFTS OF OVEREXP)

Explanation Of Carcinogenicity:

NOT RELEVANT

Signs And Symptoms Of Overexposure:

HLTH HAZ:IRRITABILITY, DEPRESSION, INSOMNIA, GUM DISEASE, POSSIBLE IRRATIONALITY OR INSANITY. SYMPTOMS DISAPPEAR WITH TIME AFTER EXPOSURE CEASES.

Medical Cond Aggravated By Exposure:

NONE SPECIFIED BY MANUFACTURER. 3

First Aid:

EYES:WASH EYES WITH COPIOUS QTY OF WATER FOR AT LEAST 15 MIN. GET MD. SKIN:WASH SKIN WITH SOAP AND WATER. IF IRRIT OCCURS OR PERSISTS SEEK MED ATTN. INHAL:REMOVE PATIENT TO FRESH AIR. ADMINISTER APPRV D OXYGEN SUPPLY IF BRTHG IS DFCLT. ADMINISTER ARTF RESP OR CPR IF BRTHG HAS CEASED. CALL MD. INGEST:KEEP PATIENT WARM AND QUIET. GIVE LARGE QUANTITY OF WATER TO DILUTE. INDUCE VOMIT. GET MD.

Spill Release Procedures:

ABSORB ON SAND OR VERMICULITE AND PLACE IN A CLOSED CONTAINER FOR DISPOSAL. WEAR NIOSH/MSHA APPROVED SCBA, RUBBER BOOTS AND HEAVY RUBBER GLOVES.

Neutralizing Agent:

NONE SPECIFIED BY MANUFACTURER.

Waste Disposal Methods:

ACCORDING TO ALL APPLICABLE REGULATIONS.

Handling And Storage Precautions:

DO NOT WASH DOWN THE DRAIN. DO NOT STORE IN DIRECT SUNLIGHT. DO NOT GET IN EYES, ON SKIN, OR ON CLOTHING. IN ACCORDANCE WITH GOOD (SEE OTHER PRECAU)

Other Precautions:

HNDLG/STOR PREC:STORAGE AND HANDLING PRACTICES. DO NOT ALLOW SMOKING AND FOOD CONSUMPTION WHILE HANDLING.

Fire and Explosion Hazard Information

Flash Point Method:

N/P

Flash Point:

Flash Point Text:

NOT APPLICABLE

Autoignition Temp:

N/A

Autoignition Temp Text:

N/A

Lower Limits:

N/A

Upper Limits:

N/A

Extinguishing Media:

USE EXTINGUISHING MEDIA APPROPRIATE TO SURROUNDING FIRE CONDITIONS.

Fire Fighting Procedures:

4 USE NIOSH/MSHA SCBA WITH A FULL FACEPIECE OPERATED IN A PRESSURE DEMAND OR OTHER POSITIVE PRESSURE MODE.

Unusual Fire/Explosion Hazard:

OXIDIZING MATERIAL CONTRIBUTES TO COMBUSTION OF OTHER MATERIALS. AVOID RUN-OFF TO WATERWAYS AND SEWERS. AVOID CONTAMINATION OF WATER SUPPLIES.

Physical/Chemical Properties

HCC:

T3

NRC/State LC No:

N/P

Net Prop WT For Ammo:

N/P

Boiling Point:

N/A

B.P. Text:

N/A

Melt/Freeze Pt:

N/A

M/P/F/P Text:

N/A

Decomp Temp:

N/A

Decomp Text:

N/K

Vapor Pres:

N/A

Vapor Density:

N/A

Volatile Org Content %:

N/A

Spec Gravity:

N/A

VOC Pounds/Gallon:

N/A

PH: ACIDIC

PH: ACIDIC

VOC Grams/Liter:

N/A

Viscosity:

N/P

Evaporation Rate & Reference:

NOT APPLICABLE

Solubility In Water:

COMPLETE

Appearance and Odor:

WATER WHITE ODORLESS LIQUID

Percent Volatiles by Volume:

N/K

Corrosion Rate:

N/K

Waste Disposal Methods:

ACCORDING TO ALL APPLICABLE REGULATIONS.

Handling And Storage Precautions:

DO NOT WASH DOWN THE DRAIN. DO NOT STORE IN DIRECT SUNLIGHT. DO NOT GET IN EYES, ON SKIN, OR ON CLOTHING. IN ACCORDANCE WITH GOOD (SEE OTHER PRECAU)

Other Precautions:

HNDLG/STOR PREC:STORAGE AND HANDLING PRACTICES. DO NOT ALLOW SMOKING AND FOOD CONSUMPTION WHILE HANDLING.

Reactivity Data

Stability Indicator:

YES

Stability Condition To Avoid:

NONE SPECIFIED BY MANUFACTURER.

Materials To Avoid:

ACETYLENE, ETHANOL, PHOSPHINE, HYDROPHORIC ACID, SULFUR, UNSATURATES, AROMATICS, NA*2, CO*3.

Hazardous Decomposition Products:

TOXIC FUMES OF MERCURY AND NO*X ON THERMAL DECOMPOSITION.

Hazardous Polymerization Indicator:

NO

Conditions To Avoid Polymerization:

NOT RELEVANT

Toxicological Information

Information:

N/P

Regulatory Information

Sara Title III Information:

N/P

Federal Regulatory Information:

N/P

State Regulatory Information:

N/P

Other Information:

N/P

LookChem™

Look for Chemicals

www.lookchem.com

WARRANTY: The above information is believed to be correct but does not purport to be "inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is not a guarantee of the properties of the product. Lookchem shall not be held liable for any damage resulting from handling or from contact with the above product. See reverse side of invoice or packing slip for additional terms and conditions of sale.