

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-111/11120-25-5.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
11120-25-5
Code:
M

RTECS:

Code:
X 1

Name:
AMMONIUM TUNGSTATE *92-2*

Other REC Limits:
N/K

OSHA PEL:
N/K
Code:
M

OSHA STEL:

Code:

ACGIH TLV:
N/K
Code:
M

ACGIHSTEL:
N/P
Code:

Control Measures

Respiratory Protection:
USE A NIOSH/MSHA-APPROVED RESPIRATOR

Ventilation:
LOCAL EXHAUST

Protective Gloves:
NEOPRENE, VINYL

Eye Protection:
FACE SHIELD, CHEMICAL GOGGLES

Other Protective Equipment:
Equipment IMPERVIOUS BOOTS, APRON, PROTECTIVE CLOTHING EYE FOUNTAIN, SAFETY SHOWER, WASHING FACILITIES NEAR WORK AREA.

Work Hygienic Practices:
REMOVING/LAUNDER CONTAMINATED CLOTHING &SHOES. BEFORE REUSE.

Supplemental Safety and Health:
N/K

Health Hazards Data

LD50LC50Mixture:
N/K 2

Route Of Entry Inds - Inhalation:
YES

Skin:
YES

Ingestion:
YES

Carcinogenicity Inds - NTP:
NO

IARC:
NO

OSHA:
NO

Health Hazards Acute And Chronic:
INGESTION: PAIN IN MOUTH/PHAYNX/ABDOMEN/VOMITING/DIARRHEA/TENS MUS/RETCHING/ATAXIA/ANOREXIA/HEMOLYSIS/HEMATURIA/ANURIA/HYPOTENSION/COLLAPSE/LIVER DAMAGE W/JUNDICE. EYES: PAIN/TEARING/PHOBIA. SKIN: PAIN/BURNS/SENSITIZATION/DERMATITIS. INHALATION: RESPIRATORY TRACT/LUNGS IRRITATION/COUGHING/CHOKING/HEADACHE/DIZZINESS

Explanation Of Carcinogenicity:
NONE

Signs And Symptions Of Overexposure:
INGESTION: ASPHYXIA/DELAYED ESOPHAGEAL/GASTRIC PERFORATION. EYES: CONJUNCTIVAL EDEMA/CORNEAL DAMAGE. SKIN: ALLERGIC REACTION. INHALATION: WEAKNESS/CHEST TIGHTNESS/AIR HUNGER/FROTHY SPUTUM/CYANOSIS/HEM OPTYSIS/TEETH EROSION/JAW NECROSIS/BRONCHIAL IRRITATION/PNEUMONIA/ASTHMA/GI DISTURBANCES/POSSIBILITY OF LUNG CANCER.

Medical Cond Aggravated By Exposure:
N/K

First Aid:
INGESTION: DO NOT INDUCE VOMITING GIVE PLENTY OF WATER/MILK. IF VOMITING IS PERSISTENT, GIVE FLUIDS REPEATEDLY. EYES/SKIN: FLUSH W/PLENTY OF WATER FOR AT LEAST 15 MINUTES. INHALATION: REMOVE TO FRESH AIR. IF NOT BREATHING, GIVE ARTIFICIALSRESPIRATION. IF BREATHING IS DIFFICULT, GIVE OXYGENS. OBTAIN MEDICAL ATTENTION IN ALL CASES.

Spill Release Procedures:
CAREFULLY MOP UP OR VACUUM SPILL & RINSE WATER INTO A SUITABLE PLASTIC CONTAINER. SEND TO LOCAL TREATMENT/DISPOSAL FACILITY. FLUSH SPILL AREA W/PLENTY OF WATER.

Neutralizing Agent:
SODA ASH

Waste Disposal Methods:
SHIP TO LOCAL TREATMENT/DISPOSAL FACILITY. DISPOSE OF ACCORDING TO LOCAL, STATE & FEDERAL REGULATIONS.

Handling And Storage Precautions:
KEEP CONTAINER TIGHTLY CLOSED IN UPRIGHT POSITION. STORE AT 50-90F AWAY FROM INCOMPATABLE MATERIALS. PROTECT CONTAINERS AGAINST SPILLAGE/PHYSICAL INJ.

Other Precautions:
DO NOT GET IN EYES, SKIN, CLOTHING, OR BREATH VAPOR, MIST, GAS. USE W/ADEQUATE VENTILATION. FLUSH CONTAINER CLEAN BEFORE DISCARDING. PUT NOTHING ELSE IN THIS CONTAINER.

Fire and Explosion Hazard Information

Flash Point Method:
N/P

Flash Point:

Flash Point Text:
NONE

Autoignition Temp:

Autoignition Temp Text:
N/A

Lower Limits:
N/K

Upper Limits:
N/K

Extinguishing Media:
3 USE EXTINGUISHING MEDIA APPROPRIATE FOR SURROUNDING FIRE.

Fire Fighting Procedures:
WEAR PROTECTIVE EQUIP & A NIOSH/MSHA-APPROVED RESPIRATORY

Unusual Fire/Explosion Hazard:
EXCESSIVE HEAT MAY CAUSE CONTINERS TO BURST & LIBERATE CORROSIVE FORMIC ACID VAPORS.

Physical/Chemical Properties

HCC:

NRC/State LIC No:

Net Prop WT For Ammo:

Boiling Point:

B.P. Text:
> 212F

Melt/Freeze Pt:

M.P/ F.P Text:
<32F

Decomp Temp:

Decomp Text:
N/R

Vapor Pres:
N/R

Vapor Density:
N/R

Volatile Org Content %:

Spec Gravity:
1.296-1.316

VOC Pounds/Gallon:

PH: 2-2.7

VOC Grams/Liter:

Viscosity:
N/P

Evaporation Rate & Reference:
SLOWER THAN ETHER

Solubility in Water:
COMPLETE

Appearance and Odor:
DARK-GREEN LIQUID, PUNGENT ODOR 4

Percent Volatiles by Volume:
N/R

Corrosion Rate:
N/K

Reactivity Data

Stability Indicator:
YES

Stability Condition To Avoid:
EXCESSIVE HEAT

Materials To Avoid:
METALS, STRONG ACIDS, BASES, OXIDIZERS, NITRATES, PEROXIDES

Hazardous Decomposition Products:
SULFUR OXIDES, CARBON OXIDES, NITROGEN OXIDES, NICKEL, TUNGSTEN, ALUMINUM

Hazardous Polymerization Indicator:
NO

Conditions To Avoid Polymerization:
N/K

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