

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-139/13943-58-3.html> for suppliers of this product.

Composition/Information on Ingredient

13943-58-3

Code:
M

RTECS:
LJ8219000

Code:
M

Name:
FERRATE (4-), HEXACYANO-, TETRAPOTASSIUM; (POTASSIUM) TETRACYANO-1,3,5,6-TETRAHYDRO-1,3,5-TRIAZINE-2,4,6-TRIIDE

Other REC Limits:
N/K

OSHA PEL:
N/K (FP N)

Code:
M

OSHA STEL:

Code:
2

ACGIH TLV:
N/K (FP N)

Code:
M

ACGIHSTEL:
N/P

Code:

Respiratory Protection:

N). 4

Ventilation:
LOCAL EXHAUST: RECOMMENDED.

Protective Gloves:
IMPERVIOUS GLOVES.

Eye Protection:
CHEMICAL WORKERS GOGGLES (FP N).

Other Protective Equipment:
Equipment WEAR IMPERVIOUS COVERALLS, AND BOOTS.

Work Hygienic Practices:
NONE SPECIFIED BY MANUFACTURER.

Supplemental Safety and Health:
NONE SPECIFIED BY MANUFACTURER.

LD50LC50Mixture:

Route Of Entry Inds - Inhalation:
YES

Skin:
NO

Ingestion:
NO

Carcinogenicity Inds - NTP:
NO

IARC:
NO

OSHA:
NO

Health Hazards Acute And Chronic:
EYE: MAY CAUSE IRRITATION. SKIN: MAY CAUSE IRRITATION. INHAL: MAY CAUSE DIZZINESS, HEADACHES, AND NAUSEA. INGEST: MAY BE FATAL.

Explanation Of Carcinogenicity:
NOT RELEVANT

Signs And Symptoms Of Overexposure:
SKIN, EYE IRRITATION. MUCOUS MEMBRANE AND RESPIRATORY IRRITATION.

Medical Cond Aggravated By Exposure:
NONE SPECIFIED BY MANUFACTURER.

First Aid:
INGEST: IMMEDIATELY DRINK LARGE QUANTITIES OF WATER. INDUCE VOMITING BY STICKING FINGER DOWN THROAT. CALL A PHYSICIAN. EYE: IMMEDIATELY FLUSH WITH WATER FOR AT LEAST 15 MIN. CALL A PHYSICIAN. SKIN: IMMEDIATELY FLUSH WITH WATER FOR 15 MIN. CALL A PHYSICIAN. INHAL: REMOVE TO FRESH AIR. CALL A PHYSICIAN.

Spill Release Procedures:
WEAR NIOSH/MSHA APPROVED POSITIVE PRESSURE SUPPLIED AIR RESP. FOLLOW OSHA REGS FOR RESP USE. ISOLATE AREA OF SPILL BY DIKING. SOURCE OF LEAK. ADD DRY ABSORBENT. CLEAN UP & PLACE IN AN APPROVED CONTAINER & SEAL. WASH ALL CONTAM CLOTHING BEFORE RE-USE.

Neutralizing Agent:
3 NONE SPECIFIED BY MANUFACTURER.

Waste Disposal Methods:
DISPOSE OF CONTAMINATED PRODUCT, EMPTY CONTAINERS AND MATERIALS USED IN CLEANING UP SPILLS OR LEAKS IN A MANNER APPROVED FOR THIS MATERIAL. CONSULT APPROPRIATE FEDERAL, STATE AND LOCAL REGULATORY AGENCIES TO ASCERTAIN PROPER DISPOSAL PROCEDURES.

Handling And Storage Precautions:
MAY BE FATAL IF SWALLOWED. AVOID CONTACT WITH EYES, SKIN OR CLOTHING. UPON CONTACT WITH SKIN AND EYES WASH OFF WITH WATER. AVOID BREATHING MIST/VAPOR.

Other Precautions:
STORE IN A COOL, DRY, WELL VENTILATED PLACE. AVOID EXPOSURE TO LIGHT AND CONTACT WITH ACIDS.

Flash Point Method:
N/P

Flash Point:

Flash Point Text:
NOT FLAMMABLE

Autoignition Temp:

Autoignition Temp Text:
N/A

Lower Limits:
N/A

Upper Limits:
N/A

Extinguishing Media:
WATER SPRAY, DRY CHEMICAL, FOAM OR CARBON DIOXIDE.

Fire Fighting Procedures:
WATER SPRAY SHOULD BE USED TO COOL FIRE EXPOSED CONTAINERS AND/OR DISPERSE VAPORS. USE NIOSH/MSHA APPROVED SCBA & FULL PROT EQUIP (FP N).

Unusual Fire/Explosion Hazard:
NONE.

HCC:

NRC/State LIC No:	
Net Prop WT For Ammo:	
Boiling Point:	
B.P. Text: 212F,100C	
Melt/Freeze Pt:	
M.P/F.P Text: 27F,-2.8C	
Decomp Temp:	
Decomp Text: N/K	
Vapor Pres: < 15	
Vapor Density: N/A	
Volatile Org Content %:	
Spec Gravity: 1.09 (H*2O=1)	
VOC Pounds/Gallon:	
PH: 5.0	
VOC Grams/Liter:	
Viscosity: N/P 5	
Evaporation Rate & Reference: 1 (WATER=1)	
Solubility in Water: COMPLETE	
Appearance and Odor: LIQUID, GREEN/FAINT ALMOND	
Percent Volatiles by Volume: 85	
Corrosion Rate: N/K	
Reactivity Data:	

Stability Indicator:

Stability Condition To Avoid:
EXPOSURE TO STRONG LIGHT AND HEAT. PROLONGED STORAGE ABOVE ROOM TEMPERATURES.

Materials To Avoid:
ACIDS, PRODUCT WILL SLOWLY DECOMPOSE WITH FORMATION OF FREE CYANIDE AND COMPLEX CYANOQUO-FERRATES.

Hazardous Decomposition Products:
HYDROCYANIC ACID, CYANIDES, AMMONIA.

Hazardous Polymerization Indicator:
NO

Conditions To Avoid Polymerization:
NOT RELEVANT

Toxicological Information

Information:N/P

MCDC Tr

Information:N/P

Save Title III Information: N/D

F **L** **D** **I** **S** **C** **A**

State Regulatory Information:

Only 1.6%