

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-137/13755-38-9.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:

13755-38-9

Code:

M

RTECS:

LJ8925000

Code:

M

Name:

SODIUM NITROFERRICYANIDE, (DISODIUM PENTACYANONIT

Other REC Limits:

NONE SPECIFIED

OSHA PEL:

NOT ESTABLISHED

Code:

M

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

NOT ESTABLISHED

Code:

M

ACGIH STEL:

N/P

Code:

Control Measures

Respiratory Protection:

IN ABSENCE OF PROPER ENVIRONMENTAL CONTROL, WEAR NIOSH/MSHA APPROVED AIR SUPPLIED RESPIRATOR IF WORKPLACE EXPOSURE LIMITS OF PRODUCT IS EXCEEDED.

Ventilation:

PROVIDE ADEQUATE VENTILATION TO MAINTAIN PEL AND TLV IN WORKPLACE BELOW SPECIFIED LIMITS.

Protective Gloves:

NEOPRENE OR EQUIVALENT/ PREVENT CONTACT.

Eye Protection:

SAFETY GLASSES WITH SIDE SHIELDS.

Other Protective Equipment:

Equipment MATERIAL MUST BE HANDLED OR TRANSFERRED IN AN APPROVED FUME HOOD OR WITH EQUIVALENT VENTILATION.

Work Hygienic Practices:

WASH AFTER HANDLING AND BEFORE EATING, DRINKING, SMOKING OR APPLYING MAKE-UP. LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health:

EYE WASH STATION, SAFETY SHOWER, AND SAFETY EQUIPMENT SHOULD BE READILY AVAILABLE. WEAR DISPOSABLE COVERALLS AND DISCARD THEM AFTER USE. 3

Health Hazards Data

LD50/LC50/Mixture:

ORL-RAT LDLO: 20 MG/KG

Route Of Entry Inds - Inhalation:

YES

Skin:

YES

Ingestion:

YES

Carcinogenicity Inds - NTP:

NO

IARC:

NO

OSHA:

NO

Health Hazards Acute And Chronic:

PRODUCT MAY BE FATAL IF INHALED, SWALLOWED, OR ABSORBED THROUGH SKIN. MAY CAUSE IRRITATION.

Explanation Of Carcinogenicity:

THE MATERIAL IS NOT LISTED AS CANCER CAUSING AGENT.

Signs And Symptoms Of Overexposure:

INGESTION OR INHALATION OF PRODUCT CAUSES LOWERING OF BLOOD PRESSURE, RAPID PULSE, HEADACHE, NAUSEA, DIZZINESS, DEATH.

Medical Cond Aggravated By Exposure:

NONE SPECIFIED BY MANUFACTURER.

First Aid:

GET MEDICAL ATTENTION FOR ALL CASES OF OVEREXPOSURE. EYES: FLUSH WITH LARGE AMOUNTS OF WATER. SKIN: WASH AREA WITH SOAP AND WATER. INHALATION: ADMINISTER AMYL NITRITE INHALATION AT 15 SEC. INTERVALS. INGESTION: IF CONSCIOUS, GIVE WATER AND INDUCE VOMITING IMMEDIATELY AS DIRECTED BY MEDICAL PERSONNEL. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

Spill Release Procedures:

EVACUATE THE AREA OF ALL UNNECESSARY PERSONNEL. WEAR SUITABLE PROTECTIVE EQUIPMENT. CONTAIN THE RELEASE AND ELIMINATE ITS SOURCE, IF THIS CAN BE DONE WITHOUT RISK. TAKEUP AND CONTAINERIZE FOR PROPER DISPOSAL.

Neutralizing Agent:

NONE SPECIFIED BY MANUFACTURER.

Waste Disposal Methods:

CONTACT YOUR LOCAL ENVIRONMENTAL OFFICER. DISPOSE OF WASTE IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

Handling And Storage Precautions:

2 KEEP CONTAINERS CLOSED WHEN NOT IN USE. STORE AWAY FROM HEAT AND ACIDS. WASH GLOVES THOROUGHLY BEFORE REMOVING.

Other Precautions:

NONE SPECIFIED BY MANUFACTURER.

Fire and Explosion Hazard Information

Flash Point Method:

N/P

Flash Point:**Flash Point Text:**

NONCOMBUSTIBLE

Autoignition Temp:**Autoignition Temp Text:**

N/A

Lower Limits:

UNKNOWN

Upper Limits:

UNKNOWN

Extinguishing Media:

USE MEDIA SUITABLE FOR ADJACENT MATERIAL.

Fire Fighting Procedures:

WEAR SELF CONTAINED BREATHING APPARATUS.

Unusual Fire/Explosion Hazard:

THERMAL DECOMPOSITION PRODUCES TOXIC FUMES.

Physical/Chemical Properties

HCC:

T3

NRC/State Lic No:

NOT RELEVANT

Net Prop WT For Ammo:**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 %:**Voc Pounds/Gallon:**

UNKNOWN

PH:

N/K

PH:

N/K

VOC Grams/Liter:**Viscosity:**

N/P

N/P:

N/P

Evaporation Rate & Reference:

UNKNOWN

Solubility in Water:

30

Appearance and Odor:

RED CRYSTALS

Percent Volatiles by Volume:

N/K

Corrosion Rate:

UNKNOWN

Reactivity Data

Stability Indicator:

YES

Extremely Hazardous To Air:

WITH ACID LIBERATES HIGHLY TOXIC CYANIDE GAS.

Materials To Avoid:

ACIDS, OXIDIZERS.

Decomposition Products:

NITROGEN OXIDES AND SODIUM OXIDE.

Hazardous Polymerization Indicator:

NO

Conditions To Avoid Polymerization:

NO

Toxicological Information

Information:

N/P

Information:

N/P

MSDS Transport Information

Information:

N/P

Information:

N/P

Regulatory Information

Sara Title II Information:

N/P

Federal Regulatory Information:

N/P

State Regulatory Information:

N/P

Other Information

Other Information:

N/P

Other Information:

N/P</p