

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-104/10421-48-4.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
10421-48-4
Code:
M

RTECS:
QU8915000
Code:
M

Name:
FERRIC NITRATE

Other REC Limits:
N/K

OSHA PEL:
N/K
Code:
M

OSHA STEL:

Code:

ACGIH TLV:
1 MG/(FE)/CUM
Code:
M

ACGIHSTEL:
N/P
Code:

Control Measures

Respiratory Protection:
MAY BE NEEDED IN SPECIAL CIRCUMSTANCES 3

Ventilation:
SUFFICIENT: TYPICALLY 10 ROOM VOLUMES PER HOUR IS CONSIDERED GOOD GENERAL

Protective Gloves:
RECOMMENDED

Eye Protection:
GOGGLES OR FACE SHIELD

Other Protective Equipment:
Equipment N/K

Work Hygienic Practices:
REMOVE/LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health:
FORMULATION IS EXPECTED TO HAVE A LOW BIOLOGICAL OXYGEN DEMAND & NOT EXPECTED TO CAUSE OXYGEN DEPLETION IN AQUATIC SYSTEMS. AFTER DILUTION W/PLENTY OF WATER, FOLLOWED BY SECONDARY WASTE TREATMENT, THE CHEMICALS IN THIS FORMULATION ARE NOT EXPECTED TO HAVE ANY ADVERSE ENVIRONMENTAL IMPACT.

Health Hazards Data

LD50LC50Mixture:
N/K

Route Of Entry Inds - Inhalation:
NO

Skin:
NO

Ingestion:
YES

Carcinogenicity Inds - NTP:
NO

IARC:
NO

OSHA:
NO

Health Hazards Acute And Chronic:
INHALATION: LOW HAZARD. EYES/SKIN: BURNS. INGESTION: HARMFUL & BURNS MOUTH, ESOPHAGUS & STOMACH.

Explanation Of Carcinogenicity:
2 NONE

Signs And Symptoms Of Overexposure:
N/K

Medical Cond Aggravated By Exposure:
N/K

First Aid:
INHALATION: REMOVE TO FRESH AIR. EYES/SKIN: FLUSH W/PLENTY OF WATER. INGESTION: DRINK 1-2 GLASSES OF WATER. OBTAIN MEDICAL ATTENTION IN ALL CASES.

Spill Release Procedures:
FLUSH MATERIAL TO SEWER W/PLENTY OF WATER. NEUTRALIZE.

Neutralizing Agent:
BAKING SODA & SODIUM BICARBONATE

Waste Disposal Methods:
DISCHARGE, TREATMENT, OR DISPOSAL MAY BE SUBJECT TO FEDERAL, STATE, & LOCAL REGULATIONS.

Handling And Storage Precautions:
KEEP CONTAINER TIGHTLY CLOSED. OXIDIZER SOLUTION. DRIED PRODUCT RESIDUE CAN ACT AS AN OXIDIZER. KEEP FROM CONTACT W/CLOTHING & OTHER COMBUSTIBLES.

Other Precautions:
N/K

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:
USE APPROPRIATE AGENT FOR SURROUNDING FIRE.

Fire Fighting Procedures:
WEAR SELF-CONTAINED BREATHING APPARATUS & PROTECTIVE CLOTHING.

Unusual Fire/Explosion Hazard:
FIRE OR EXCESSIVE HEAT MAY CAUSE PRODUCTION OF HAZARDOUS DECOMPOSITION PRODUCTS. DRIED PRODUCT RESIDUE CAN INCREASE BURNING RATE OF COMBUSTIBLE MATERIALS.

Physical/Chemical Properties

HCC:

NRC/State LIC No:

Net Prop WT For Ammo:

Boiling Point:

B.P. Text:
>100C/212F

Melt/Freeze Pt:

M.P/F.P Text:
N/K

Decomp Temp:

Decomp Text:
N/K

Vapor Pres:
18

Vapor Density:
0.6

Volatile Org Content %:

Spec Gravity:
1.36

VOC Pounds/Gallon:

PH: <1

VOC Grams/Liter:

Viscosity:
N/P

Evaporation Rate & Reference:
N/K

Solubility in Water:
COMPLETE

Appearance and Odor:
CLEAR DARK BROWN SOLUTION W/SHARP VINEGAR ODOR

Percent Volatiles by Volume:
63/WT

Corrosion Rate:
N/K

Reactivity Data

Stability Indicator:

Stability Condition To Avoid:

Materials To Avoid:

Hazardous Decomposition Products:

Hazardous Polymerization Indicator:

Conditions To Avoid Polymerization:

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



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

WARRANTY

The above information is believed to be correct but does not purport to be all 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 applicable to the product with regard to appropriate safety precautions. It does not represent any 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.