

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-224/2243-76-7.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
2243-76-7

Code:
M

RTECS:

Code:
X

Name:
ALIZARIN YELLOW R Environmental Wt: Other REC L

Other REC Limits:

N/K (FP N)

OSHA PEL:

600 PPM

Code:
M

OSHA STEL:

N/K (FP N)

Code:
M

ACGIH TLV:

600 PPM

Code:
M

ACGIH STEL:

N/K (FP N)

Code:
M

Control Measures

Respiratory Protection:

USE NIOSH APPROVED RESPIRATOR APPROPRIATE FOR EXPOSURE OF CONCERN (FP N).

Ventilation:

ADEQUATE VENTILATION.

Protective Gloves:

DISPOSABLE LATEX GLOVES.

Eye Protection:

ANSI APPROVED CHEMICAL WORKERS GOGGLES (FP N).

Other Protective Equipment:

Equipment EYE WASH AND DELUGE SHOWER MEETING ANSI DESIGN CRITERIA (FP N).

Work Hygienic Practices:

N/P

Supplemental Safety and Health:

PHYSICAL DATA: STATE: LIQUID. SOLUBILITY IN - ACID: NOT DETERMINED; OTHER: NOT DETERMINED. METAL CORROSIVITY - ALUMINUM: ND; STEEL: ND.

Health Hazards Data

LD50/LC50 Mixture:

N/P

Route Of Entry Inids - Inhalation:

YES

Skin:

YES

Ingestion:

YES

Carcinogenicity Inids - NTP:

NO

IARC:

NO

OSHA:

NO

Health Hazards Acute And Chronic:

ACUTE TOXICITY: PRACTICALLY NON-TOXIC. ROUTES OF EXPOSURE: NOT APPLICABLE. TARGET ORGANS: NOT APPLICABLE. CHRONIC TOXICITY: NOT DETERMINED. ROUTES OF EXPOSURE: NOT DETERMINED. TARGET ORGANS: NOT DETERMINED. CANCER INFORMATION: NOT APPLICABLE. ROUTES OF EXPOSURE: NOT APPLICABLE. TARGET ORGANS: NOT APPLICABLE. OVEREXPOSURE: IF INGESTED IN VERY LARGE QUANTITIES MAY CAUSE CENTRAL NERVOUS SYSTEM DEPRESSION, HEMOLYSIS, MINIMAL KIDNEY CHANGES, STUPOR, RAPID BREATHING AND HEARTBEAT, SWEATING AND

Explanation Of Carcinogenicity:

N/P

Signs And Symptoms Of Overexposure:

SEE HEALTH HAZARDS. 3

Medical Cond Aggravated By Exposure:

NONE REPORTED.

First Aid:

INHALATION: REMOVE TO FRESH AIR. SUPPORT BREATHING (GIVE OXYGEN/ARTIFICIAL RESPIRATION) (FP N). EYE CONTACT: IMMEDIATELY FLUSH EYES WITH WATER FOR AT LEAST 15 MINUTES. CALL PHYSICIAN. SKIN CONTACT: WASH SKIN WITH SOAP AND PLENTY OF WATER. INGESTION: GIVE LARGE QUANTITIES OF WATER. CALL PHYSICIAN IMMEDIATELY.

Spill Release Procedures:

DISSOLVE OR MIX THE MATERIAL WITH A COMBUSTIBLE SOLVENT. BURN IN AN EPA APPROVED HAZARDOUS WASTE INCINERATOR.

Neutralizing Agent:

N/P

Waste Disposal Methods:

DISPOSE OF IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS.

Handling And Storage Precautions:

STORE IN A COOL, DRY PLACE AWAY FROM OXIDIZERS. AVOID CONTACT WITH EYES. WASH THOROUGHLY AFTER HANDLING.

Other Precautions:

N/P

Fire and Explosion Hazard Information

Flash Point Method:

N/K

Flash Point:

ND

Autoignition Temp:

ND

Autoignition Temp Text:

ND

Lower Limits:

ND

Upper Limits:

ND

Extinguishing Media:

USE MEDIA APPROPRIATE FOR SURROUNDING FIRE CONDITIONS. 4

Fire Fighting Procedures:

USE NIOSH APPROVED SCBA AND FULL PROTECTIVE EQUIPMENT (FP N).

Unusual Fire/Explosion Hazard:

NONE REPORTED. SUSCEPTIBILITY TO SPONTANEOUS HEATING: NONE. SHOCK SENSITIVITY: NONE. OXIDIZER: NO. NFPA CODES: HEALTH: 0, FLAMMABILITY: 1, REACTIVITY: 0.

Physical/Chemical Properties

HCC:

NRC/State LIC No:

Net Prop WT For Ammo:

5

Boiling Point:

ND

B.P. Text:

ND/FREEZE PT.

Melt/Freeze Pt:

ND

M.P/F.P Text:

ND

Decomp Temp:

ND

Decomp Text:

ND

Vapor Pres:

ND

Vapor Density:

ND

Volatile Org Content %:

ND

Spec Gravity:

ND

VOC Pounds/Gallon:

ND

PH: NOT DETERMINED

PH: NOT DETERMINED

VOC Grams/Liter:

ND

Viscosity:

N/P

Evaporation Rate & Reference:

ND

Solubility in Water:

MISCIBLE

Appearance and Odor:

ORANGE-RED SOLUTION; NO ODOR.

Percent Volatiles by Volume:

N/P

CORUPAT Rate:

ND

Reactivity Data

Stability Indicator:

YES

Stability Condition To Avoid:

EXCESSIVE HEAT.

Materials To Avoid:

CONTACT WITH OXIDIZERS.

Hazardous Decomposition Products:

NONE REPORTED.

Hazardous Polymerization Indicator:

NO

Conditions To Avoid Polymerization:

N/P

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

Other Information: N/P

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