

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-223/2235-43-0.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
2235-43-0
Code:
M
RTECS:
Code:
X
Name:
(NITRILOTRIS(METHYLENE)TRIPHOSPHONIC ACID, K SALT
Other REC Limits:
NONE RECOMMENDED
OSHA PEL:
NOT ESTABLISHED
Code:
M
OSHA STEL:
Code:
ACGIH TLV:
NOT ESTABLISHED
Code:
M
ACGIHSTEL:
N/P
Code:

Control Measures

Respiratory Protection:
NONE NORMALLY REQUIRED.
Ventilation:
GOOD GENERAL VENTILATION (10 ROOM AIR CHANGES PER HOUR) SHOULD BE USED.VENTILATION RATES SHOULD BE MATCHED TO CONDITIONS
Protective Gloves:
IMPERVIOUS-RUBBER.
Eye Protection:
SAFETY GLASSES/CHEMICAL SPLASH GOGGLES.
Other Protective Equipment:
Equipment EYE WASH STATION SAFETY SHOWER, WASHING FACILITIES.
Work Hygienic Practices:
WASH HANDS AFTER HANDLING AND BEFORE EATING, DRINKING, OR SMOKING. LAUNDRER CONTAMINATED CLOTHES BEFORE REUSE. 6
Supplemental Safety and Health:
WORKING SOLUTION.

Health Hazards Data

LD50LC50Mixture:
UNKNOWN
Route Of Entry Inds - Inhalation:
NO
Skin:
NO
Ingestion:
NO
Carcinogenicity Inds - NTP:
NO
IARC:
NO
OSHA:
NO
Health Hazards Acute And Chronic:
ACUTE: LOW HAZARD FOR RECOMMENDED HANDLING FOR INHALATION, SKIN CONTACT AND INGESTION. NO SPECIFIC HAZARD KNOWN FOR EYE CONTACT; MAY CAUSE TRANSIENT IRRITATION. CHRONIC: NONE SPECIFIED BY MANUFACTURER .
Explanation Of Carcinogenicity:
4 NO INGREDIENT OF A CONCENTRATION OF 0.1% OR GREATER IS LISTED AS A CARCINOGEN OR SUSPECTED CARCINOGEN.
Signs And Symptoms Of Overexposure:
EYES-IRRITATION, TEARING, REDNESS, DISCOMFORT.
Medical Cond Aggravated By Exposure:
NONE SPECIFIED BY MANUFACTURER.
First Aid:
INHALED-IF SYMPTOMATIC, MOVE TO FRESH AIR. GET MEDICAL ATTENTION IF SYMPTOMS PERSIST. EYES-FLUSH WITH LOTS OF WATER FOR 15 MINUTES, OCCASIONALLY LIFTING LIDS. GET MEDICAL ATTENTION IF SYMPTOMS OCCUR O R PERSIST. SKIN-WASH WITH SOAP & WATER.SEEK MEDICAL ATTENTION IF SYMPTOMS OCCUR. INGESTED-IF CONSCIOUS, DRINK 1-2 GLASSES WATER. SEEK MEDICAL ATTENTION.
Spill Release Procedures:
FLUSH TO SEWER WITH LARGE AMOUNTS OF WATER. OTHERWISE, ABSORB SPILL WITH VERMICULITE OR OTHER INERT MATERIAL, THEN PLACE IN A CONTAINER FOR CHEMICAL WASTE. CLEAN SURFACE THOROUGHLY TO REMOVE RESIDUAL CONTAMINATION.
Neutralizing Agent:
NONE SPECIFIED BY MANUFACTURER.
Waste Disposal Methods:
DISCHARGE, TREATMENT OR DISPOSAL MAY BE SUBJECT TO LOCAL, STATE AND FEDERAL REGULATIONS. FLUSH TO SEWER WITH LARGE AMOUNTS OF WATER.
Handling And Storage Precautions:
USE WITH ADEQUATE VENTILATION. KEEP FROM CONTACT WITH OXIDIZING MATERIALS. KEEP CONTAINER CLOSED.
Other Precautions:
ECOLOGICAL DATA: MODERATE BOD AND MAY CAUSE OXYGEN DEPLETION IN AQUEOUS SYSTEMS. LOW POTENTIAL TO AFFECT AQUATIC ORGANISMS. LOW POTENTIAL TO AFFECT SECONDARY WASTE TREATMENT MICROBIAL METABOLISM, LOW POTENTIAL TO BIOACCUMULATE.

Fire and Explosion Hazard Information

Flash Point Method:
N/P 5
Flash Point:
Flash Point Text:
NONE
Autoignition Temp:
Autoignition Temp Text:
N/R
Lower Limits:
N/R
Upper Limits:
N/R
Extinguishing Media:
USE MEDIA APPROPRIATE FOR SURROUNDING FIRE.
Fire Fighting Procedures:
NONE. DLA-HMIS: WEAR SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING.
Unusual Fire/Explosion Hazard:
NONE.

Physical/Chemical Properties

HCC:
N1
NRC/State LIC No:
N/R
Net Prop WT For Ammo:
Boiling Point:
B.P. Text:
>212F,>100C
Melt/Freeze Pt:
M.P/F.P Text:
UNKNOWN
Decomp Temp:
Decomp Text:
UNKNOWN
Vapor Pres:
18 MM HG
Vapor Density:
0.6
Volatile Org Content %:
Spec Gravity:
1.009-1.015
VOC Pounds/Gallon:
PH: 6.0
VOC Grams/Liter:
Viscosity:
UNKNOWN
Evaporation Rate & Reference:
UNKNOWN
Solubility in Water:
COMPLETE
Appearance and Odor:
COLORLESS LIQUID; ODORLESS.
Percent Volatiles by Volume:
95-99
Corrosion Rate:
UNKNOWN

Reactivity Data

Stability Indicator:
YES
Stability Condition To Avoid:
NONE SPECIFIED BY MANUFACTURER.
Materials To Avoid:
NONE WITH COMMON MATERIALS AND CONTAMINANTS WITH WHICH THE MATERIAL MAY REASONABLY COME INTO CONTACT.
Hazardous Decomposition Products:
NONE. 7
Hazardous Polymerization Indicator:
NO
Conditions To Avoid Polymerization:
WILL NOT OCCUR.

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



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