

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-332/3326-32-7.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
3326-32-7

Code:
M

RTECS:

Code:
X

Name:
FLUORESC EIN ISOTHIOCYANATE, ISOMER I Environment

Other REC Limits:
N/P

OSHA PEL:
N/P

Code:

OSHA STEL:
N/P

Code:

ACGIH TLV:
N/P

Code:

ACGIHSTEL:
N/P

Code:

Control Measures

Respiratory Protection:
USE A NIOSH APPROVED RESPIRATOR.

Ventilation:
HANDLE IN A CHEMICAL FUME HOOD WITH ADEQUATE VENTILATION.

Protective Gloves:
CHEMICAL RESISTANT GLOVES.

Eye Protection:
ANSI APPROVED CHEMICAL WORKERS GOGGLES (FP N).

Other Protective Equipment:
Equipment ANSI APPROVED EMERGENCY EYEWASH AND DELUGE SHOWER (FP N).

Work Hygienic Practices:
4 WASH THOROUGHLY AFTER HANDLING MATERIAL.

Supplemental Safety and Health:
PHYSICAL/CHEMICAL PROPERTIES: SOLUBILITY: SOLUBLE IN DMF AND AT PH >6.0. MOLECULAR WEIGHT: 389.4.
MOLECULAR FORMULA: C21H11NO5S.

Health Hazards Data

LD50LC50Mixture:
N/P

Route Of Entry Inds - Inhalation:
YES

Skin:
YES

Ingestion:
YES

Carcinogenicity Inds - NTP:
NO

IARC:
NO

OSHA:
NO

Health Hazards Acute And Chronic:
MAY BE HARMFUL BY INGESTION, INHALATION OR ABSORPTION THROUGH SKIN. MATERIAL MAY CAUSE IRRITATION TO THE EYES, SKIN, MUCOUS MEMBRANES, AND THE UPPER RESPIRATORY TRACT. EXPOSURE TO MATERIAL MAY CAUSE T HE FOLLOWING: SENSITIZATION, NAUSEA, DIZZINESS, HEADACHE OR LUNG IRRITATION. 2

Explanation Of Carcinogenicity:
N/P

Signs And Symptoms Of Overexposure:
SEE HEALTH HAZARDS.

Medical Cond Aggravated By Exposure:
N/P

First Aid:
SKIN: WASH IMMEDIATELY WITH COPIOUS AMOUNTS OF WATER FOR AT LEAST 15 MINUTES. REMOVE CONTAMINATED CLOTHING AND SHOES AND WASH BEFORE WEARING. CONSULT A PHYSICIAN. EYES: FLUSH IMMEDIATELY WITH COPIOUS AMOUNTS OF WATER FOR AT LEAST 15 MINUTES. ASSURE ADEQUATE FLUSHING BY SEPARATING THE EYELIDS WITH FINGERS. CONSULT A PHYSICIAN. INHALATION: REMOVE TO FRESH AIR AND MONITOR BREATHING. IF BREATHING BECO MES DIFFICULT, GIVE OXYGEN AND CONSULT A PHYSICIAN. IF BREATHING SS, GIVE ARTIFICIAL RESPIRA

Spill Release Procedures:
EVACUATE AREA. WEAR A NIOSH APPROVED RESPIRATOR, CHEMICAL SAFETY GOGGLES, RUBBER BOOTS, AND HEAVY RUBBER GLOVES. SWEEP UP AND PLACE IN A SUITABLE CONTAINER. AVOID RAISING DUST. HOLD FOR APPROPRIATE DI SPOSAL. WASH SPILL SITE AND VENTILATE AREA AFTER MATERIAL PICKUP IS COMPLETE.

Neutralizing Agent:
N/P

Waste Disposal Methods:
COUNTRY, FEDERAL, STATE, AND LOCAL REGULATIONS ARE VARIED AND CHANGE FREQUENTLY. FOR THIS REASON, MANUFACTURER RECOMMENDS THAT YOU CONTACT YOUR LOCAL DEPARTMENT OF HEALTH SERVICES FOR INFORMATION ON T HE DISPOSAL OF THIS PRODUCT OR ARRANGE FOR DISPOSAL BY A LICENSED DISPOSAL COMPANY.

Handling And Storage Precautions:
STORE IN A TIGHTLY CLOSED CONTAINER IN A +4C REFRIGERATOR. PROTECT FROM LIGHT. HYGROSCOPIC. MATERIAL IS HARMFUL AND AN IRRITANT. MAY CAUSE SENSITIZATION. AVOID CONTACT WITH MATERIAL. AVOID PROLONGED O R REPEATED EXPOSURE. LAB SHOULD BE EQUIPPED WITH A SAFETY SHOWER AND AN EYE WASH STATION.

Other Precautions:
WASH THOROUGHLY AFTER HANDLING MATERIAL. 3

Fire and Explosion Hazard Information

Flash Point Method:
N/P

Flash Point:

Flash Point Text:
NOT APPLICABLE

Autoignition Temp:

Autoignition Temp Text:
N/P

Lower Limits:

Upper Limits:

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

Fire Fighting Procedures:
WEAR NIOSH APPROVED SCBA AND FULL PROTECTIVE EQUIPMENT (FP N).

Unusual Fire/Explosion Hazard:
UPON THERMAL DECOMPOSITION, IT MAY EMIT TOXIC GASES.

Physical/Chemical Properties

HCC:

NRC/State LIC No:

Net Prop WT For Ammo:

Boiling Point:

B.P. Text:
N/P

Melt/Freeze Pt:

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

Decomp Temp:

Decomp Text:
N/P

Vapor Pres:
N/P

Vapor Density:
N/P

Volatile Org Content %:

Spec Gravity:
N/P

VOC Pounds/Gallon:

PH: N/P

VOC Grams/Liter:

Viscosity:
N/P

Evaporation Rate & Reference:
N/P

Solubility in Water:
N/P (SUPDAT)

Appearance and Odor:
ORANGE SOLID.

Percent Volatiles by Volume:
N/P

Corrosion Rate:
N/P

Reactivity Data

Stability Indicator:
YES

Stability Condition To Avoid:
AVOID CONTACT WITH HEAT.

Materials To Avoid:
AVOID CONTACT WITH WATER, ALCOHOLS, AMINES, STRONG ACIDS AND BASES, AND STRONG OXIDIZING AGENTS. 5

Hazardous Decomposition Products:
UPON THERMAL DECOMPOSITION, MAY EMIT TOXIC GASES INCLUDING CARBON MONOXIDE, CARBON DIOXIDE, NITROGEN OXIDES, AND SULFUR OXIDES.

Hazardous Polymerization Indicator:
NO

Conditions To Avoid Polymerization:
N/P

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