

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:

FLUORESCIN ISOTHIOCYANATE, ISOMER I Environment

Other REC Limits:

N/P

OSHA PEL:

N/P

Code:

OSHA STEL:

N/P

Code:

ACGIH TLV:

N/P

Code:

ACGIH STEL:

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

LD50/LC50/Mixture:

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 THE 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 BECOMES DIFFICULT, GIVE OXYGEN AND CONSULT A PHYSICIAN. IF BREATHING STOPS, GIVE ARTIFICIAL RESPIRATION.

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 DISPOSAL. 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 THE 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 +4°C REFRIGERATOR. PROTECT FROM LIGHT. HYGROSCOPIC. MATERIAL IS HARMFUL AND AN IRRITANT. MAY CAUSE SENSITIZATION. AVOID CONTACT WITH MATERIAL. AVOID PROLONGED OR 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:

N/P

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 LC 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:

N/P

Decomp Text:

N/P

Vapor Pres:

N/P

Vapor Density:

N/P

Volatile Org Content %:

Spec Gravity:

N/P

VOC Pounds/Gallon:

N/P

PH:

N/P

VOC Grams/liter:

Viscosity:

N/P

Evaporation Rate & Reference:

N/P

Solubility in Water:

N/P (SOLUBLE)

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:

MSDS Transport Information

Information:

Regulatory Information

Sara Title III Information:

N/P

Federal Regulatory Information:

N/P

State Regulatory Information:

N/P

Other Information

Other Information:

Other Information: