

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-321/321-38-0.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
321-38-0
Code:
M

RTECS:
QJ7100000
Code:
F

Name:
1-FLUORONAPHTHALENE Environmental Wt: Other REC

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

Ventilation:
THIS CHEMICAL SHOULD BE HANDLED ONLY IN A HOOD.

Protective Gloves:
IMPERVIOUS GLOVES (FP N).

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

Other Protective Equipment:
Equipment EYE WASH DELUGE SHOWER MEETING ANSI DESIGN CRITERIA (FP N).

Work Hygienic Practices:
CONTACT LENSES SHOULD NOT BE WORN IN THE LABORATORY.

Supplemental Safety and Health:
4 FIRST AID PROC: REMOVE & WASH CONTAMD CLTHG. IF PATIENT IS EXHIBITING SIGNS OF SHOCK-KEEP WARM & QUIET. CONT POIS CTL CTR IMMED IF NEC. DO NOT ADMIN LIQS/INDUCE VOMIT TO UNCONV/CONVULSING PERSON. IF PATIENT IS VOMIT-WATCH CLOSELY TO MAKE SURE AIRWAY DOES NOT BECOME OBSTRUCTED BY VOMIT. GET MED ATTN IF NECESSARY.

Health Hazards Data

LD50LC50Mixture:
LD50: (ORAL,RAT) 380 MG/KG

Route Of Entry Inds - Inhalation:
YES

Skin:
YES

Ingestion:
YES

Carcinogenicity Inds - NTP:
NO

IARC:
NO

OSHA:
NO

Health Hazards Acute And Chronic:
ACUTE: ALL CHEMICALS SHOULD BE CONSIDERED HAZARDOUS. AVOID DIRECT PHYSICAL CONTACT! MAY BE HARMFUL IF ABSORBED THROUGH SKIN. MAY BE HARMFUL IF INHALED. MAY BE HARMFUL IF SWALLOWED. CAN CAUSE EYE IRRITATION. CAN CAUSE SKIN IRRITATION. DUST AND/OR VAPORS CAN CAUSE IRRITATION TO RESPIRATORY TRACT. CAN BE IRRITATING TO MUCOUS MEMBRANES. CAN CAUSE DELAYED ADVERSE HEALTH EFFECTS. MAY BE RAPIDLY ABSORBED THRU SKIN WITH POTENTIAL ADVERSE HEALTH EFFECTS.

Explanation Of Carcinogenicity:
2 N/P

Signs And Symptions Of Overexposure:
SEE HEALTH HAZARDS.

Medical Cond Aggravated By Exposure:
N/P

First Aid:
AN ANTIDOTE IS SUBSTANCE INTENDED TO COUNTERACT EFT OF POISON. IT SHOULD BE ADMINISTERED ONLY BY PHYS/TRAINED EMER PERSONNEL. MED ADVICE CAN BE OBTAINED FROM POISON CONTROL CENTER. EYE CONT: FLUSH CONTINUOUSLY W/WATER FOR AT LST 15 MINS. SKIN: FLUSH W/WATER FOR 15-20 MINS. IF NO BURNS HAVE OCCURRED-USE SOAP & WATER TO CLEANSE SKIN. INHAL: REMOVE TO FRESH AIR. ADMIN OXYG IF PATIENT IS HAVING DFCCLTY BRTHG. IF PATIENT HAS SPED BRTHG ADMIN ARTF RESP. IF PATIENT IS IN CARDIAC ARREST ADMIN CPR

Spill Release Procedures:
EVACUATE AREA. WEAR APPROP OSHA REGULATED EQUIPMENT. VENTILATE AREA. ABSORB ON VERMICULITE OR SIMILAR MATERIAL. SWEEP UP AND PLACE IN AN APPROPRIATE CONTAINER. HOLD FOR DISPOSAL. WASH CONTAMINATED SURFACES TO REMOVE ANY RESIDUES.

Neutralizing Agent:
N/P

Waste Disposal Methods:
DISPOSAL MUST BE IN ACCORDANCE WITH FEDERAL, STATE, AND LOCAL REGULATIONS (FP N). BURN IN A CHEMICAL INCINERATOR EQUIPPED WITH AN AFTERBURNER AND SCRUBBER.

Handling And Storage Precautions:
USE APPROPRIATE OSHA APPROVD SAFETY EQUIPMENT. AVOID CONTACT WITH SKIN, EYES AND CLOTHING. DO NOT BREATHE VAPORS. KEEP TIGHTLY CLOSED.

Other Precautions:
STORE IN A COOL, DRY PLACE. STORE ONLY IN WITH COMPATIBLE CHEMICALS. THIS PRODUCT IS FURNISHED FOR LABORATORY USE ONLY! OUR PRODUCTS MAY NOT BE USED AS DRUGS, COSMETICS, AGRICULTURAL OR PESTICIDAL PRODUCTS, FOOD ADDITIVES OR AS HOUSEHOLD CHEMICALS.

Fire and Explosion Hazard Information

Flash Point Method:
N/P 3

Flash Point:
=65.C, 149.F

Flash Point Text:

Autoignition Temp:

Autoignition Temp Text:
N/P

Lower Limits:

Upper Limits:

Extinguishing Media:
THIS IS A COMBUSTIBLE COMPOUND. CARBON DIOXIDE, DRY CHEMICAL POWDER OR SPRAY.

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

Unusual Fire/Explosion Hazard:
NO EXPLOSION LIMITS ARE AVAILABLE FOR THIS COMPOUND.

Physical/Chemical Properties

HCC:

NRC/State LIC No:

Net Prop WT For Ammo:

Boiling Point:
>215.C, 419.F

B.P. Text:
215-217C

Melt/Freeze Pt:
=-9.C, 15.8F

M.P/F.P Text:

Decomp Temp:

Decomp Text:
N/P

Vapor Pres:
N/P

Vapor Density:
>1

Volatile Org Content %:

Spec Gravity:
1.1322

VOC Pounds/Gallon:

PH: N/P

VOC Grams/Liter:

Viscosity:
N/P

Evaporation Rate & Reference:
N/P

Solubility in Water:
INSOL(IMMISCIBLE)

Appearance and Odor:
CLEAR LIQUID, CAMPHOR LIKE ODOR.

Percent Volatiles by Volume:
N/P

Corrosion Rate:
N/P

Reactivity Data

Stability Indicator:
YES

Stability Condition To Avoid:
SENSITIVE TO HEAT. READILY ABSORBED AND RETAINED ON CLOTHING AND/OR SHOES.

Materials To Avoid:
STRONG OXIDIZING AGENTS.

Hazardous Decomposition Products:
DECOMPOSITION LIBERATES TOXIC FUMES. COMBUSTIBLE.

Hazardous Polymerization Indicator:
NO 5

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