

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-116/116-14-3.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
116-14-3
Code:
M

RTECS:
KX4000000
Code:
M

Name:
TETRAFLUOROETHYLENE, INHIBITED

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:
OVEREXPOSURE-USE NIOSH-APPROVED RESPIRATOR TO PREVENT OVEREXPOSURE. IN ACCORD WITH 29CFR1910.134 USE EITHER AN ATMOSPHERE SUPPLYING RESPIRATOR OR AN AIR PURIFYING RESPIRATOR FOR ORGANIC VAPORS AND PAR TICULATES.

Ventilation:
NONE SPECIFIED BY MANUFACTURER.

Protective Gloves:
NITRILE RUBBER GLOVES

Eye Protection:
WEAR SAFETY GLASSES OR GOGGLES.

Other Protective Equipment:
Equipment WEAR GLOVES &OTHER CLOTHING AS REQUIRED TO MINIMIZE CONTACT. HAVE EMERGENCY EYE WASH AND SAFETY SHOWER AVAILABLE.

Work Hygienic Practices:
WASH WITH SOAP &WATER BEFORE EATING, DRINKING OR SMOKING. LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health:
MINIMIZE SKIN AND EYE CONTACT.

Health Hazards Data

LD50LC50Mixture:
ORAL LD50 (RAT): 1.75 G/KG

Route Of Entry Inds - Inhalation:
NO

Skin:
YES

Ingestion:
NO

Carcinogenicity Inds - NTP:
NO

IARC:
NO

OSHA:
NO

Health Hazards Acute And Chronic:
PRODUCT MAY BE CORROSIVE TO EYES. PRODUCT IS IRRITATING TO SKIN AND MAY CAUSE SKIN SENSITIZATION. INHALATION OF FUMES MAY CAUSE TEMPORARY INFLUENZE-LIKE SYMPTOMS (POLYMER FUME FEVER). CONSIDERED TO HA VE A LOW ORDER OF ACUTE ORAL TOXICITY. PROLONGED OR REPEATED SKIN CONTACT MAY CAUSE DERMATITIS, FOLLICULITIS, OIL ACNE. 2

Explanation Of Carcinogenicity:
THIS COMPOUND CONTAINS NO INGREDIENTS AT CONCENTRATIONS OF 0.1% OR GREATER THAT ARE CONFIRMED OR SUSPECTED CARCINOGENS.

Signs And Symptions Of Overexposure:
EYE IRRITATION/BURNS, SKIN IRRITATION, RASHES, LOCAL NECROSIS AS EVIDENCED BY ONSET OF PIAN AND TISSUE DAMAGE A FEW HOURS FOLLOWING INJECTION, DERMATITIS, FOLLICULITIS, OIL ACNE, FEVER, COUGH, MALAISE .

Medical Cond Aggravated By Exposure:
PREEXISTING EYE,SKIN AND RESPIRATORY DISORDERS MAY BE AGGRAVATED BY THIS PRODUCT.

First Aid:
EYES:FLUSH WITH WATER.GET MEDICAL ATTENTION. SKIN:REMOVE CONTAMINATED CLOTHING;WIPE EXCESS FROM SKIN AND FLUSH WITH WATER.FOLLOW WITH SOAP AND WATER.INHALATION:REMOVE TO FRESH AIR.GIVE OXYGEN FOR DIFF ICULT BREATHING.GET MEDICAL HELP.INGESTION:DO NOT INDUCE VOMITING. THOUGH NO TREATMENT IS NESCESSARY UNLESS LARGE QUANTITIES ARE INGESTED, GET MEDICAL ADVICE.PHYSICIANS:EMESIS INDUCTION IS UNESCESSARY

Spill Release Procedures:
MAY BURN ALTHOUGH NOT READILY IGNITABLE. SMALL SPILLS: TAKE UP WITH AN ABSORBANT MATERIAL AND DISPOSE OF PROPERLY.

Neutralizing Agent:
NONE SPECIFIED BY MANUFACTURER.

Waste Disposal Methods:
PLACE IN AN APPROPRIATE DISPOSAL FACILITY IN COMPLINACE WITH LOCAL REGULATIONS.

Handling And Storage Precautions:
STORE IN A COOL, DRY PLACE WITH ADEQUATE VENTILATION. KEEP AWAY FROM FLAMES AND HIGH TEMPERATURES.

Other Precautions:
THIS PRODUCT IS CONSIDERED TO BE AN OIL UNDER EPA SECT. 311,SPILL INTO OR LEADING TO SURFACE WATERS THAT CAUSE A SHEEN MUST BE REPORTED TO THE NATIONAL RESPONSE CENTER AT 800-424-8802.

Fire and Explosion Hazard Information

Flash Point Method:
PMCC

Flash Point:

Flash Point Text:
400F,204C

Autoignition Temp:

Autoignition Temp Text:
N/K

Lower Limits:
NOT GIVEN

Upper Limits:
NOT GIVEN

Extinguishing Media:
WATER FOG, CARBON DIOXIDE, FOAM, OR DRY CHEMICAL.DO NOT USE DIRECT STREAM OF WATER.PRODUCT FLOATS & REIGNITES ON SURFACE

Fire Fighting Procedures:
MATERIAL WILL NOT BURN UNLESS PREHEATED. DO NOT ENTER CONFINED FIRE SPACE WITHOUT FULL BUNKER GEAR, INCLUDING POSITIVE PRESSURE NIOSH APPROVED SCBA.

Unusual Fire/Explosion Hazard:
3 COOL FIRE EXPOSED CONTAINERS WITH WATER.

Physical/Chemical Properties

HCC:
V6

NRC/State LIC No:
N/R

Net Prop WT For Ammo:

Boiling Point:

B.P. Text:
NOT GIVEN

Melt/Freeze Pt:

M.P/F.P Text:
NOT GIVEN

Decomp Temp:

Decomp Text:
NOT GIVEN

Vapor Pres:
NOT GIVEN

Vapor Density:
NOT GIVEN

Volatile Org Content %:

Spec Gravity:
NOT GIVEN

VOC Pounds/Gallon:

PH: N/K

VOC Grams/Liter:

Viscosity:
NOT GIVEN

Evaporation Rate & Reference:
NOT GIVEN

Solubility in Water:
INSOLUBLE

Appearance and Odor:
SMOOTH, WHITE SEMI-SOLID, SLIGHT ODOR

Percent Volatiles by Volume:
NIL

Corrosion Rate:
UNKNOWN

Reactivity Data

Stability Indicator:
YES 4

Stability Condition To Avoid:
AVOID HEAT, FLAMES.

Materials To Avoid:
AVOID CONTACT WITH STRONG OXIDIZING AGENTS

Hazardous Decomposition Products:
A COMPLEX MIXTURE OF AIRBORNE SOLIDS, FLUORINE &SULFUR OXIDES, LIQUID PARTICULATES AND GASES WILL EVOLVE.

Hazardous Polymerization Indicator:
NO

Conditions To Avoid Polymerization:
NONE. 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