

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-76/76-16-4.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:

76-16-4

Code:

T

RTECS:

KI4110000

Code:

T

Name:

HEXAFLUOROETHANE 1 Environmental Wt: Other REC

Other REC Limits:

NONE RECOMMENDED

OSHA PEL:

NOT ESTABLISHED

Code:

M

OSHA STEL:**Code:****ACGIH TLV:**

NOT ESTABLISHED

Code:

M

ACGIH STEL:

N/P

Code:

Control Measures

Respiratory Protection:

SUPPLIED-AIR RESPIRATOR WITH FULL FACEPIECE AND OPERATED IN A PRESSURE-DEMAND OR OTHER POSITIVE-PRESSURE MODE IN COMBINATION WITH A SEPARATE ESCAPE SUPPLY. ANY SELF-CONTAINED BREATHING APPARATUS WITH A FULL FACEPIECE.

Ventilation:

PROVIDE LOCAL EXHAUST OR PROCESS ENCLOSURE VENTILATION SYSTEM. ENSURE COMPLIANCE WITH APPLICABLE EXPOSURE LIMITS.

Protective Gloves:

WEAR INSULATED GLOVES.

Eye Protection:

SPLASH RESISTANT SAFETY GOGGLES WITH A FACESHIELD

Other Protective Equipment:

Equipment EMERGENCY EYE WASH FOUNTAIN. WEAR APPROPRIATE PROTECTIVE, COLD INSULATING CLOTHING.

Work Hygienic Practices:

USE IN A WELL VENTILATED AREA.

Supplemental Safety and Health:

NONE PROVIDED BY MFR. 3

Health Hazards Data

LD50/LC50 Mixture:

N/P

Route Of Entry Inds - Inhalation:

YES

Skin:

YES

Ingestion:

NO

Carcinogenicity Inds - NTP:

NO

IARC:

NO

OSHA:

NO

Health Hazards Acute And Chronic:

ACUTE- INHALATION: NAUSEA, VOMITING, SYMPTOMS OF DRUNKENNESS, DISORIENTATION, TINGLING SENSATION, SUFFOCATION, CONVULSIONS, COMA. SKIN CONTACT: BLISTERS, FROSTBITE. EYE CONTACT: FROSTBITE, BLURRED VISION. INGESTION: FROSTBITE. CHRONIC: NO INFORMATION IS AVAILABLE.

Explanation Of Carcinogenicity:

N/P

Signs And Symptoms Of Overexposure:

INHALATION: NAUSEA, VOMITING, SYMPTOMS OF DRUNKENNESS, DISORIENTATION, TINGLING SENSATION, SUFFOCATION, CONVULSIONS, COMA. SKIN CONTACT: BLISTERS, FROSTBITE. EYE CONTACT: FROSTBITE, BLURRED VISION. INGESTION: FROSTBITE.

Medical Cond Aggravated By Exposure:

N/P

First Aid:

INHALATION: WHEN SAFE TO ENTER AREA. REMOVE FROM EXPOSURE. USE A BAG VALVE MASK OR SIMILAR DEVICE TO PERFORM ARTIFICIAL RESPIRATION. GET MEDICAL ATTENTION IMMEDIATELY. SKIN: WASH IF NEEDED. IF FROSTBITE, FREEZING OR CRYOGENIC BURNS OCCUR WARM AFFECTED AREA IN WARM WATER. GET MEDICAL ATTENTION IMMEDIATELY. EYE: WASH WITH LARGE AMOUNTS OF WATER OR NORMAL SALINE UNTIL NO EVIDENCE OF CHEMICAL REMAINS (15 TO 20 MINS) GET MEDICAL ATTENTION IMMEDIATELY. INGESTION: GET MEDICAL ATTENTION IF NEEDED

Spill Release Procedures:

S LEAK IF POSSIBLE WITHOUT PERSONAL RISK. KEEP UNNECESSARY PEOPLE AWAY, ISOLATE HAZARD AREA AND DENY ENTRY. STAY UPWIND AND KEEP OUT OF LOW AREAS.

Neutralizing Agent:

NONE PROVIDED BY MFR.

Waste Disposal Methods:

DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

Handling And Storage Precautions:

STORE AND HANDLE IN ACCORDANCE WITH ALL CURRENT REGULATIONS AND STANDARDS. SUBJECT TO STORAGE REGULATIONS: U.S. OSHA 29 CFR 1910.101.2

Other Precautions:

N/P

Fire and Explosion Hazard Information

Flash Point Method:

N/P

Flash Point:**Flash Point Text:**

N/P

Autoignition Temp:**Autoignition Temp Text:**

N/P

Lower Limits:

N/P

Upper Limits:

N/P

Extinguishing Media:

CARBON DIOXIDE, REGULAR DRY CHEMICAL

Fire Fighting Procedures:

MOVE CONTAINER FROM FIRE AREA IF IT CAN BE DONE WITHOUT RISK. COOL CONTAINERS WITH WATER SPRAY UNTIL WELL AFTER THE FIRE IS OUT. DO NOT GET WATER DIRECTLY ON MATERIAL. REDUCE VAPORS WITH WATER SPRAY. AVOID INHALATION OF MATERIAL OR COMBUSTION BY-PRODUCTS.

Unusual Fire/Explosion Hazard:

CONTAINERS MAY RUPTURE OR EXPLODE IF EXPOSED TO HEAT.

Physical/Chemical Properties

HCC:

G3

NRC/State LC No:**Net Prop WT For Ammo:**

N/P

Boiling Point:

=-78.7C, -10.7F

B.P. Text:

=-93.7C, -137.7F

M.P./F.P. Text:

=-93.7C, -137.7F

Decomp Temp:**Decomp Text:**

N/P

Vapor Pressure:

230.28 MMHG @ 21C

Vapor Density:

4.823

Volatile Org Content %:**Spec Gravity:**

N/A

VOC Pounds/Gallon:**PH:**

N/A

VOC Grams/Liter:**Viscosity:**

0.0144 CP @ 25C

Evaporation Rate & Reference:

N/A

Solubility in Water:

INSOLUBLE

Appearance and Odor:

COLORLESS GAS, ODORLESS

Percent Volatiles by Volume:

100

Corrosion Rate:

N/P

Conditions To Avoid Polymerization:

WILL NOT POLYMERIZE

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

Other Information:</