

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-138/138495-42-8.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
138495-42-8
Code:
M

RTECS:
RZ9885000
Code:
F

Name:
2,3 DECAFLUOROPENTANE

Other REC Limits:
200 PPM (MFR)

OSHA PEL:
NOT PROVIDED
Code:
M

OSHA STEL:
N/P
Code:

ACGIH TLV:
NOT PROVIDED
Code:
M

ACGIHSTEL:
N/P
Code:
3

Control Measures

Respiratory Protection:
IF VAPOR CONCENTRATION EXCEEDS TLV, USE RESPIRATOR APPROVED BY NIOSH APPROVED FOR ORGANIC VAPOR.
5

Ventilation:
ADEQUATE VENTILATION TO KEEP VAPOR CONCENTRATION BELOW TLV.

Protective Gloves:
NEOPRENE.

Eye Protection:
SAFETY GLASSES REQUIRED.

Other Protective Equipment:
Equipment NONE REQUIRED UNDER NORMAL USE.

Work Hygienic Practices:
TREAT THIS CHEMICAL WITH RESPECT AND FOLLOW ALL MSDS INSTRUCTIONS. ALWAYS USE IN AREA WITH ADEQUATE VENTILATION.

Supplemental Safety and Health:
ABBREVIATION: N/A = NOT APPLICABLE. N/AV = NOT AVAILABLE. N/K = UNKNOWN. N/P = NOT PROVIDED. N/R = NOT RELEVANT. N/D = NOT DETERMINED. N/E = NOT ESTABLISHED.

Health Hazards Data

LD50LC50Mixture:
NOT PROVIDED

Route Of Entry Inds - Inhalation:
YES

Skin:
YES

Ingestion:
YES

Carcinogenicity Inds - NTP:
NO

IARC:
NO

OSHA:
NO

Health Hazards Acute And Chronic:
INGESTION-ASPIRATION WHICH MAY CAUSE "CHEMICAL PNEUMONIA". INHALATION-EXCESSIVE INHALATION OF VAPORS CAN CAUSE CENTRAL NERVOUS SYSTEM DEPRESSION. SUFFOCATION IF AIR IS DISPLACED BY VAPORS. EYES-IRRITATION. "FROSTBITE-LIKE" EFFECTS MAY OCCUR IF VAPORS CONTACT EYES. SKIN-SLIGHT IRRITATION. OVEREXPOSURE TO VAPORS MAY CAUSE FROSTBITE. CHRONIC: EXCESSIVE INHALATION MAY RESULT IN CENTRAL NERVOUS SYSTEM DEPRESSION.

Explanation Of Carcinogenicity:
NOT LISTED.

Signs And Symptoms Of Overexposure:
INGESTION-SYMPTOMS INCLUDE COUGHING, GASPING, CHOKING, SHORTNESS OF BREATH, BLUISH DISCOLORATION OF SKIN, RAPID BREATHING AND HEART RATE, AND FEVER. INHALATION-DIZZINESS, WEAKNESS, CONFUSION, UNCOORDINATION OR UNCONSCIOUSNESS. IRREGULAR HEART BEAT WITH A STRANGE SENSATION IN THE CHEST, "HEART THUMPING", APPREHENSION, LIGHTHEADEDNESS, FEELING OF FAINTING, DIZZINESS, WEAKNESS MAY PROGRESS TO LOSS OF CONSCIOUSNESS AND DEATH. EYES-TEARING, PAIN OR BLURRED VISION. SKIN-ITCHING, REDNESS OR SWE

Medical Cond Aggravated By Exposure:
NOT PROVIDED

First Aid:
INGESTION-SEEK MEDICAL ATTENTION IMMEDIATELY. DO NOT INDUCE VOMITING. DRINK TWO LARGE GLASSES OF WATER. INHALATION-REMOVE TO FRESH AIR, IF BREATHING IS DIFFICULT GIVE OXYGEN. IF SPED PROVIDE ARTIFICIAL RESPIRATION. KEEP PERSON WARM AND QUIET. SEEK MEDICAL ATTENTION. EYES-IRRIGATE IMMEDIATELY WITH WATER FOR AT LEAST 15 MINUTES. GET MEDICAL ATTENTION IF IRRITATION PERSISTS. SKIN-WASH WITH SOAP AND WATER. THOROUGHLY CLEAN CONTAMINATED CLOTHING AND SHOES BEFORE REUSE. IF SYMPTOMS PERSISTS,

Spill Release Procedures:
ABSORB WITH SUITABLE MEDIUM. INCINERATE OR LANDFILL ACCORDING TO LOCAL, STATE OR FEDERAL REGULATIONS. DO NOT FLUSH TO SEWER. 4

Neutralizing Agent:
NOT RELEVANT

Waste Disposal Methods:
AEROSOL CANS WHEN VENTED TO ATMOSPHERIC PRESSURE THROUGH NORMAL USE, POSE NO DISPOSAL HAZARD.

Handling And Storage Precautions:
DO NOT PUNCTURE OR INCINERATE CONTAINERS. DO NOT STORE AT TEMPERATURES ABOVE 120F.

Other Precautions:
KEEP THIS AND ALL CHEMICALS OUT OF THE REACH OF CHILDREN. AVOID FOOD CONTAMINATION.

Fire and Explosion Hazard Information

Flash Point Method:
N/A

Flash Point:

Flash Point Text:
NON-FLAMMABLE

Autoignition Temp:

Autoignition Temp Text:
N/P

Lower Limits:
N/E

Upper Limits:
N/E

Extinguishing Media:
FOAM, DRY CHEMICAL, CARBON DIOXIDE.

Fire Fighting Procedures:
SELF-CONTAINED BREATHING APPARATUS.

Unusual Fire/Explosion Hazard:
DO NOT EXPOSE AEROSOLS TO TEMPERATURES ABOVE 120F OR THE CONTAINER MAY RUPTURE.

Physical/Chemical Properties

HCC:
V2

NRC/State LIC No:
NOT RELEVANT

Net Prop WT For Ammo:

Boiling Point:
=62.8C, 145.F

B.P. Text:

Melt/Freeze Pt:

M.P/F.P Text:
NOT APPLICABLE

Decomp Temp:

Decomp Text:
NOT PROVIDED

Vapor Pres:
181 @ 70F

Vapor Density:
AIR=1 8.7

Volatile Org Content %:

Spec Gravity:
H20=1: 1.45

VOC Pounds/Gallon:

PH: NOT APPLICABLE 6

VOC Grams/Liter:

Viscosity:
NOT PROVIDED

Evaporation Rate & Reference:
VERY FAST

Solubility in Water:
SLIGHT

Appearance and Odor:
CLEAR SPRAY WITH ETHEREAL ODOR

Percent Volatiles by Volume:
100

Corrosion Rate:
NOT PROVIDED

Reactivity Data

Stability Indicator:
YES

Stability Condition To Avoid:
OPEN FLAME, WELDING ARCS, HEAT, SPARKS.

Materials To Avoid:
STRONG OXIDIZING AGENTS.

Hazardous Decomposition Products:
CARBON DIOXIDE, CARBON MONOXIDE.

Hazardous Polymerization Indicator:
NO

Conditions To Avoid Polymerization:
NONE

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

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WARRANTY
The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Lookchem shall not be held liable for any damage resulting from handling or from contact with the above product. See reverse side of invoice or packing slip for additional terms and conditions of sale.

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