

ULTRAJET,CR 1270

MSDS Number

BFBKY

National Stock Number

6830-00-495-8614

Product Name

ULTRAJET,CR 1270

Manufacturer

CHEMTRONICS INC

Product Identification

Product ID:ULTRAJET,CR 1270

MSDS Date:07/16/1994

FSC:6830

NIIN:00-495-8614

MSDS Number: BFBKY

Responsible Party

CHEMTRONICS INC

8125 COBB CENTER DR

KENNESAW , GA 30144

US

Emergency Phone: 800-645-5244/800-424-9300(CHEMTREC)

Info Phone: 800-645-5244

Preparer: MICHAEL S. WACKINS

Cage: 2M589

Contractor

FISHER SCIENTIFIC CO. CHEMICAL MFG DIV

FAIRLAWN, NJ 07410-2802

US

201-796-7100

Cage: 1B464

Ingredients

DICHLORODIFLUOROMETHANE (SARA 313) (CERCLA)

CAS: 75-71-8

RTECS: PA8200000

Fraction By Weight: 100%

OSHA PEL1000 PPM

ACGIH TLV: 1000 PPM; 9495

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

Hazards

LD50 LC50 Mixture:LC50 (RATS) 20,000 PPM/30 MIN.

Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:TARGET ORGANS:EYES, SKIN, CNS,

RESPIRATORY TRACT. ACUTE- EYE/SKIN:CAN CAUSE FROSTBITE. PROLONGED CONTACT CAN CAUSE IRRITATION. INHALE:HARMFUL IF INHALED. MAY CAUSE CNS EFFECTS, IRREGULAR HEART BEATS, DIZZINESS, UNCONSCIOUSNESS, EVEN DEATH.ORAL:NOT LIKELY. LIQUID CAUSE FROSTBITE. CHRONIC- MAY CAUSE LIVER DAMAGE.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:SHORTNESS OF BREATH, UNCONSCIOUSNESS, CARDIAC ARREST, HEADACHES, DIZZINESS, TEARING, PAIN, BURNS

Medical Cond Aggravated by Exposure:PERSONS WITH PRE-EXISTING SKIN DISORDERS, EYE PROBLEMS OR IMPAIRED LIVER OR LUNG FUNCTION MAY BE MORE SUSCEPTIBLE TO THE EFFECTS OF THIS PRODUCT.

First Aid

First Aid:GET MEDICAL ATTENTION IF SYMPTOMS PERSIST. EYES:IMMEDIATELY FLUSH WITH WATER FOR 15 MINUTES. REMOVE ANY CONTACT LENSES. INHALED:REMOVE TO FRESH AIR. PROVIDE OXYGEN/CPR IF NEEDED. SKIN:TREAT FOR POSSIBLE FROSTBITE, THEN WASH SKIN WITH SOAP &WATER. ORAL:TREAT FOR POSSIBLE FROSTBITE. SWALLOWING LESS THAN AN OUNCE WILL NOT CAUSE SIGNIFICANT HARM. FOR LARGER AMOUNTS, DON'T INDUCE VOMITING. CALL DOCTOR

Fire Fighting

Flash Point:NONE

Extinguishing Media:WATER SPRAY, CARBON DIOXIDE, FOAM OR DRY CHEMICAL FOR SURROUNDING FIRE. USE WATER SPRAY TO COOL FIRE EXPOSED CONTAINERS.

Fire Fighting Procedures:WEAR FULL PROTECTIVE CLOTHING AND NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS WITH FULL FACEPIECE OPERATED IN THE POSITIVE PRESSURE MODE.

Unusual Fire/Explosion Hazard:AT FLAME TEMPERATURES, DECOMPOSITION PRODUCTS ARE EXTREMELY TOXIC. AEROSOL CANS WILL NOT WITHSTAND TEMPERATURES ABOVE 120F.

Accidental Release

Spill Release Procedures:WEAR PROTECTIVE EQUIPMENT. REMOVE OPEN FLAMES. VENTILATE AREA. STOP LEAK IF POSSIBLE. PICK UP SPILL WITH INERT ABSORBENT SUCH AS SAND, EARTH, VERMICULITE. TRANSFER TO A SUITABLE CONTAINER FOR DISPOSAL . PREVENT LIQUID FROM ENTERING SEWERS ORWATERWAYS

Neutralizing Agent:NOT RELEVANT

Handling

Handling and Storage Precautions:STORE AEROSOL CANS IN COOL, WELL VENTILATED AREA AWAY FROM OPEN FLAMES & INCOMPATIBLE MATERIALS.

Other Precautions:AVOID BREATHING VAPORS OR MISTS. DO NOT GET IN EYES, ON SKIN OR ON CLOTHING. WASH THOROUGHLY AFTER HANDLING AND BEFORE EATING OR DRINKING. REMOVE CONTAMINATED CLOTHING PROMPTLY. LAUNDER BEFORE REUSE. KEEP OUT OF REACH OF CHILDREN.

Exposure Controls

Respiratory Protection:USE NIOSH APPROVED RESPIRATORY PROTECTION SUCH AS AN AIR SUPPLIED MASK OR ORGANIC TYPE RESPIRATOR IN ABSENCE OF PROPER ENVIRONMENTAL CONTROL, OR WHEN USED IN AN ENCLOSED SPACE, OR WHEN HIGH CONCENTRATIONS ARE PRESENT.

Ventilation:USE GENERAL OR LOCAL EXHAUST VENTILATION TO MEET TLV REQUIREMENTS.

Protective Gloves:NITRILE RECOMMENDED

Eye Protection:SAFETY GLASSES/CHEMICAL SPLASH GOGGLES

Other Protective Equipment:SAFETY SHOWER AND EYE WASH FOUNTAIN SHOULD BE LOCATED NEARBY. WEAR APPROPRIATE PROTECTIVE CLOTHING FOR RISK OF EXPOSURE.

Work Hygienic Practices:OBSERVE GOOD INDUSTRIAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES.

Supplemental Safety and Health

Chemical Properties

HCC:V2

NRC/State Lic Num:NOT RELEVANT
Boiling Pt:B.P. Text:-22F,-30C
Vapor Pres:4896 @ 77F
Vapor Density:4.2
Spec Gravity:1.31
Evaporation Rate & Reference:>1 (N-BUTYL ACETATE=1)
Solubility in Water:0.03%
Appearance and Odor:CLEAR, COLORLESS LIQUEFIED GAS - SLIGHT ETHEREAL
ODOR
Percent Volatiles by Volume:100

Stability

Stability Indicator/Materials to Avoid:YES
STRONG OXIDIZING AGENTS, ALKALI & ALKALINE EARTH METALS INCLUDING
POWDERED ALUMINUM, BERYLLIUM AND ZINC.
Stability Condition to Avoid:OPEN FLAMES, HIGH TEMPERATURES, HOT
SURFACES
Hazardous Decomposition Products:HYDROCHLORIC AND HYDROFLUORIC ACIDS,
ALSO POSSIBLE CARBONYL HALIDES

Disposal

Waste Disposal Methods:PREVENT WASTE FROM CONTAMINATING SURROUNDING
ENVIRONMENT. KEEP PERSONNEL AWAY. DISPOSE OF IN AN ENVIRONMENTALLY
ACCEPTABLE MANNER, IN FULL COMPLIANCE WITH LOCAL, STATE AND FEDERAL
REGULATIONS.

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