View NSN Online: https://aerobasegroup.co.il/nsn/6830-00-935-9895

Product ID:UCON FLUOROCARBON 12

MSDS Date:11/01/1988

FSC:6830

NIIN:00-935-9895

MSDS Number: BFYCV === Responsible Party ===

Company Name: UNION CARBIDE CORP

Address:39 OLD RIDGEBURY RD

City:DANBURY

State:CT

ZIP:06817-0001 Country:US

Info Phone Num:800-822-4357 OR 304-744-3487

Emergency Phone Num:800 -822-4357 OR 304-744-3487

CAGE:6M841

=== Contractor Identification ===

Company Name: UNION CARBIDE CORP

Address:OLD RIDGEBURY RD

Box:City:DANBURY

State:CT ZIP:06817 Country:US CAGE:6M841

Company Name: UNION CARBIDE CORP LINDE DIV

Address:39 OLD RIDGEBURY RD

Box:City:DANBURY

State:CT

ZIP:06817-0001 Country:US

Phone:800-822-4357; 304-744-3487

CAGE:36346

======= Composition/Information on Ingredients ========

Ingred Name:DICHLORODIFLUOROMETHANE (SARA III)

CAS:75-71-8

RTECS #:PA82000

Fraction by Wt: 100% OSHA PEL:1000 PPM

ACGIH TLV:1000 PPM; 9192

EPA Rpt Qty:5000 LBS DOT Rpt Qty:5000 LBS Ozone Depleting Chemical:1

============ Hazards Identification =========================

LD50 LC50 Mixture:TLV 1000 PPM

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:FROSTBITE TO TISSUES UPON CONTACT WITH LIQUID. PRODUCT IS AN ASPHYXIANT. HIGH CONCENTRATIONS CAN CAUSE CENTRAL N

ERVOUS SYSEM DISTURBANCES, SUFFOCATION, DEATH, CARDIAC ARRHYTHMIAS OR ARREST DUE TO SENS ITIZATION OF HEART TO ADRENALIN. EXPOSURE TO DECOMPOSITION PRODUCTS MAY CAUSE FLU-LIKE SYMPTOMS.

Explanation of Carcinogenicity:THIS COMPOUND CONTAINS NO INGREDIENTS AT CONCENTRATIONS OF 0.1% OR GREATER THAT ARE CARCINOGENS OR SUSPECT CARCINOGENS.

Effects of Overexposure:FROSTBITE, SEVERE TISSUE DAMAGE TO EYES/SKIN/MUCOUS MEMBRANES, DIZZINESS, NAUSEA, VOMITING, DISORIENTATION, CONFUSI

ON, INCOORDINATION, NARCOSIS, SUFFOCATION, DEATH, HEART IRREGULARITIES.

Medical Cond Aggravated by Exposure: NONE SPECIFIED BY MANUFACTURER.

First Aid:SKIN: IMMEDIATELY WARM FROSTBITE AREA WITH WARM WATER. IN CASE OF MASSIVE EXPOSURE, REMOVE CLOTHING WHILE SHOWERING WITH WARM WATER. CALL A PHYSICIAN. INHALATION: REMOVE TO FRESH AIR. GIVE ARTIFICIAL RESPIRATION IF NOT BREATHING. GIVE OXYGEN IF BREATHING IS D

IFFICULT. CALL A PHYSICIAN. EYES: IMMEDIATELY FLUSH WITH WATER FOR 15 MINUTES. SEE PHYSICIAN IMMEDIATELY, AN OPHTHALMOLOGIST IF POSSIBLE.

Flash Point:NONFLAMMABLE Lower Limits:NOT GIVEN Upper Limits:NOT GIVEN

Extinguishing Media:NONFLAMMABLE. USE MEDIA APPROPRIATE FOR SURROUNDING FIRE

Fire Fighting Procedures: EVACULATE ALL PERSONNEL FROM DANGER AREA.
IMMEDIATELY DELUGE CONTAINERS WITH WATER SPRAY FROM MAXIMUM



Spill Release Procedures:EVACUATE ALL PERSONNEL FORM DANGER AREA. USE SELF-CONTAINED BREATHING APPARATUS WHERE NEEDED. SHUT OFF LEAD IF POSSIBLE. VENTILATE AREA OR MOVE LEAKING CONTAINER TO WELL VENTILATED AREA. TEST FOR SUFF ICIENT OXYG

EN BEFORE REENTRY.

Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.

=========== Handling and Storage ===============

Handling and Storage Precautions:STORE AND USE WITH ADEQUATE VENTILATION. USE ONLY IN A CLOSED SYSTEM. CLOSE CYLINDER VALVE WHEN NOT IN USE AND WHEN EMPTY. DO NOT SMOKE IN AREA.

Other Precautions:NEVER WORK ON A PRESSURIZED SYSTEM. IF THERE IS A LEAK, CLOSE THE CYLINDER VALVE, BLOW DOWN THE SYSTEM BY VENTING TO A SAFE PLACE, THEN REPAIR.

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===== Exposure Controls/Personal Protection ========

Respiratory Protection:IF VENTILATION DOES NOT MAINTAIN INHALATION EXOSURES BELOW PEL (TLV), USE NIOSH/MSHA APPROVED RESPIRATOR AS PER CURRENT 29 CFR 1910.134, INSTRUCTIONS/WARNINGS AND NIOSH RESPIRATOR SELECTION.

Ventilation:LOCAL EXHAUST PREFERRED. USE LOCAL EXHAUST TO MAINTAIN EXPOUSRE BELOW THE APPLICABLE LIMIT.

Protective Gloves: NEOPRENE

Eye Protection: SELECT IAW OSHA 29 CFR1910.133

Other Protective Equipment:

METATARSAL SHOES FOR CYLINDER HANDLING.

SELECT IAWW 29 CFR 1910.132 AND 1910.133.

Work Hygienic Practices:WASH WITH SOAP AND WATER AFTER HANDLING PRODUCT AND BEFORE EATING DRINKING OR SMOKING.

Supplemental Safety and Health

NOTE TO PHYSICIAN: DO NOT ADMINISTER ADRENALIN DUE TO THE SENSITIZING EFFECT OF FLUOROCARBONS ON THE MYCARDIUM. TREATMENT OF OVEREXPOSURE SHOULD BE DIRECTED AT THE CONTROL OF SYMPTOMS AND THE CLINICAL CONDITION.

======= Physical/Chemical Prop

erties ============
HCC:G3
Boiling Pt:B.P. Text:-22F,-30C
Melt/Freeze Pt:M.P/F.P Text:NOT GIVEN
Vapor Pres:70.2 PSIG
Vapor Density:4.2
Spec Gravity:1.486
Evaporation Rate & Description R
Solubility in Water:NEGLIGIBLE
Appearance and Odor:COLORLESS GAS, ETHEREAL ODOR AT CONCENTRATIONS > 20%
Percent Volatiles by Volume:100 %
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Stability Indicator/Materials to Avoid:YES
MAGNESIUM AND ITS ALLOYS CONTAINING > 2% MAGN
ESIUM IN THE PRESENCE OF
WATER, NATURAL RUBBER, ALUMINUM.
Stability Condition to Avoid:ELEVATED TEMPERATURES
Stability Condition to Avoid ELEVATED TEIN ENATIONED

Hazardous Decomposition Products: HYDROGEN CHLORIDE, HYDROGEN FLUORIDE, CARBON MONOXIDE, CARBON DIOXIDE.

======= Disposal Considerations ===========

Waste Disposal Methods: PREVENT WASTE FROM CONTAMINATING SURROUNDING ENVIRONMENT. DISCARD ANY PRODUCT, RESIDUE, DISPOSAL CONTAINER OR LINER IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS.

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