

READ RIGHT DIVISION OF ACCTECH LLC -- PC DUSTER 2(3507/8/9/10/22/3607/8/9) --  
6830-01-434-1191

===== Product Identification =====

Product ID:PC DUSTER 2(3507/8/9/10/22/3607/8/9)  
MSDS Date:03/01/1998  
FSC:6830  
NIIN:01-434-1191  
Status Code:A  
MSDS Number: CJJRP  
=== Responsible Party ===  
Company Name:READ RIGHT DIVISION OF ACCTECH LLC  
Address:33 MURRY HILL DRIVE  
City:NANUET  
State:NY  
ZIP:10954  
Country  
:US  
Info Phone Num:800-327-1237  
Emergency Phone Num:800-327-1237  
Chemtrec Ind/Phone:(800)424-9300  
CAGE:09ZF6

=== Contractor Identification ===

Company Name:ACCTECH LLC  
Address:33 MURRY HILL DRIVE  
Box:City:NANUET  
State:NY  
ZIP:10954  
Country:US  
Phone:800-284-5577  
CAGE:09ZF6  
Company Name:DEFENSE SUPPLY CENTER RICHMOND, ATTN: DSCR-VBA  
Address:8000 JEFFERSON DAVIS HIGHWAY  
Box:City:RICHMOND  
State:VA  
ZIP:23297-5607  
Country:US  
Phone:804-279-4371, DSN 695-4371  
CAGE:SO004

===== Composition/Infor

mation on Ingredients =====

Ingred Name:1,1,1,2-TETRAFLUOROETHANE

CAS:811-97-2

= Wt:100.

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

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

Health Hazards Acute and Chronic:INHALATION: EXCESSIVE INHALATION OF VAPORS MAY BE FATAL. VAPORS REDUCE AVAILABLE OXYGEN IN AIR. REDUCED OXYGEN LEVELS TO 12-14% PRODUCE SYMPTOMS OF ASPHYXIATION. MATERIAL CAN INDUCE CARDIAC SENSITIZATION TO EPINEPHRINE AND CARDIAC ARRHYTHMIA. SKIN: DIRECT EXPOSURE OF SKIN TO LIQUID MAY CAUSE FROSTBITE. EYES: IRRITANT.

Explanation of Carcinogenicity:NOT LISTED.

Effects of Overexposure:INHALATION: REDUCED OXYGEN LEVELS TO 12-14% PRODUCE DROWSINESS, LOSS OF COORDINATION, INCREASED PULSE RATE, NARCOSIS, CARDIAC SENSITIZATION AND DEEPER RESPIRATION.

Medical Cond Aggravated by Exposure:ANEMIA, ASTHMA, DERMAL SENSITIVITY AND LOW BLOOD PRESSURE.

===== First Aid Measures =====

=====

First Aid:EYES: FLUSH WITH WATER FOR 15 MIN., INCLUDING UNDER EYELIDS. GET MEDICAL ATTENTION. SKIN: FLUSH WITH WATER. TREAT FOR FROSTBITE IF NECESSARY BY BATHING AREA WITH LUKEWARM WATER. GET MEDICAL ATTENTION. INHALATION: REMOVE TO FRESH AIR. KEEP AT REST. RESTORE AND/OR SUPPORT BREATHING AS NEEDED. GET PROMPT MEDICAL ATTENTION. INGESTION: NOT A POTENTIAL ROUTE OF EXPOSURE.

===== Fire Fighting Measures =====

Flash Point Method:T

CC

Extinguishing Media:CARBON DIOXIDE, DRY CHEMICAL OR FOAM. WATER MAY BE USED TO COOL CONTAINERS EXPOSED TO THE FIRE TO REDUCE PRESSURE BUILDUP.

Fire Fighting Procedures:WATER MAY BE USED TO COOL CONTAINERS EXPOSED TO THE FIRE TO REDUCE PRESSURE BUILDUP.

Unusual Fire/Explosion Hazard:CYLINDERS ARE UNDER PRESSURE AND MAY RUPTURE UNDER FIRE CONDITIONS. DECOMPOSITION MAY PRODUCE HYDROCHLORIC AND HYDROFLUORIC ACID. EXPOSURE TO HEAT OR PROLONGED EXPOSURE TO SUN MAY CAUSE BURST

ING.

===== Accidental Release Measures =====

Spill Release Procedures:VENTILATE AREA, ESPECIALLY LOW PLACES WHERE HEAVY VAPORS MAY COLLECT. REMOVE OPEN FLAMES. ISOLATE HAZARD UNTIL ALL GAS HAS DISPERSED. WATER SPRAY MAY BE USED TO REDUCE VAPORS.

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

Handling and Storage Precautions:STORE IN A CLEAN, COOL, VENTILATED AREA AWAY FROM SOURCES OF IGNITION & OXIDIZING AGENTS. MAINTAIN TEMP A  
T LESS THAN 120F. STORE AS A LEVEL 1 AEROSOL (NFPA 30B). OVER HEATING, PRESSURIZING, OR RUSTING CAN CAUSE CAN TO BURST RESULTING IN SERIOUS PERSONAL INJURY. EMPTY CONTAINERS RETAIN RESIDUE.  
Other Precautions:FOLLOW ALL LABEL WARNINGS. DISPOSE OF EMPTY CONTAINER ACCORDING TO REGULATIONS. DO NOT REUSE THE CONTAINER.

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

Respiratory Protection:UNDER NORMAL USE, NO RESPIRATORY PROTECTION IS REQUIRED. SELF-CONTAINED BREATHING APPARATUS IS REQUIRED IF A LARGE RELEASE OCCURS.  
Ventilation:NORMAL VENTILATION FOR STANDARD PROCEDURES IS GENERALLY ADEQUATE. LOCAL EXHAUST SHOULD BE USED WHEN LARGE AMOUNTS ARE RELEASED. SEE OTHER  
Protective Gloves:LINED NITRILE OR NATURAL RUBBER GLOVES  
Eye Protection:CHEMICAL SPLASH GOGGLES  
Work Hygienic Practices:DO NOT TAKE INTERNALLY. AVOID INHALATION OF VAPORS AND REPEATED OR PROLONGED CONTACT OF LIQUID WITH SKIN OR CLOTHING  
Supplemental Safety and Health

=====  
===== Physical/Chemical Properties =====

HCC:G3  
Boiling Pt:=-26.C, -14.8F  
Vapor Pres:70 PSIG @ 70F  
Vapor Density:4.34  
Spec Gravity:1.21  
Evaporation Rate & Reference:LIQUIFIED GAS  
Solubility in Water:NEGLIGIBLE  
Appearance and Odor:CLEAR, LIQUIFIED GAS; ETHEREAL ODOR  
Percent Volatiles by Volume:100

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES  
STRONG OXIDIZING AGENTS, CHLORINE,AND CHEMICALLY ACTIVE META

LS;I.E.

ALKALI OR ALKALINE EARTH METALS-POWDERED AL,ZN,ETC

Stability Condition to Avoid:OPEN FLAMES OR HIGH TEMPERATURES.

Hazardous Decomposition Products:CAN BE DECOMPOSED BY HIGH TEMPERATURES(OPEN FLAME,GLOWING METAL SURFACE,ETC)FORMING HYDROFLUORIC ACID,AND POSSIBLY CARBONYL HALIDES.

===== Toxicological Information =====

Toxicological Information:NOT AVAILABLE.

===== Ecological Information =====

Ecological:NOT AVAILABLE.

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

Waste Disposal Methods:FOLLOW FEDERAL, STATE, AND LOCAL REGULATIONS.

===== MSDS Transport Information =====

Transport Information:DOT: CONSUMER COMMODITY. IATA/ICAP: CONSUMER COMMODITY. IMDG: 1,1,1,2-TETRAFLUOROETHANE, UN3159, CLASS 2.2, NONFLAMMABLE GAS.

===== Regulatory Information =====

SARA Title III Information:TOXIC CHEMICAL (SECTION 313): NOT LISTED.

EXTREMELY HAZARDOUS SUBSTANCE (SECTION 302, 304, 311, 312): NOT LISTED.

Federal Regulatory Information:TSCA INVENTORY STATUS: LISTED IN THE TSCA INVENTORY.

Disclaimer (provided with this information by the compiling agencies): This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use.

Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.