

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/Info

Information on Ingredients =====

Ingredient 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 Conditions Aggravated by Exposure:ANEMIA, ASTHMA, DERMAL SENSITIVITY AND LOW BLOOD PRESSURE.

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

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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:

TCC

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 BURNS

TING.

===== 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 AT 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

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===== 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 MET

ALS;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.

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