

ACCTECH LLC, CLEANTEX DIV (READ/RIGHT PRODUCTS) -- PC DUSTER 2, OFFICEDUSTER 3, OFFICEDUSTER JR. -- 6850-01-434-1193

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

Product ID:PC DUSTER 2, OFFICEDUSTER 3, OFFICEDUSTER JR.

MSDS Date:03/01/1998

FSC:6850

NIIN:01-434-1193

MSDS Number: CHHZC

=== Responsible Party ===

Company Name:ACCTECH LLC, CLEANTEX DIV (READ/RIGHT PRODUCTS)

Address:33 MURRY HILL DRIVE

City:NANU

ET

State:NY

ZIP:10954

Country:US

Info Phone Num:800-284-5577

Emergency Phone Num:800-284-5577/800-424-9300(CHEMTREC)

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:SIGMA TECH ENTERPRISES INC

Address:90 GLEN WAY SUITE 16

Box:City:SAN CARLOS

State:CA

ZIP:94070

Country:US

Phone:415-591-2510

CAGE:04KF9

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

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Ingred Name:1,1,1,2-TETRAFLUOROETHANE (R134A)

CAS:811-97-2

Fraction by Wt: 100%

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

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

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

Health Hazards Acute and Chronic:INHALATION: VAPORS REDUCE OXYGEN LEVELS IN AIR TO 12-14%. MAY CAUSE ASPHYXIATION, CARDIAC SENSITIZATION, CARDIAC ARRHYTHMIAS. SKIN: MAY CAUSE IRRITATION, FROSTBITE. EYES: VAPORS CAN PRODUCE MILD IRRITATION. LIQUID CAN RESULT IN SEVERE IRRITATION.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:ASPHYXIATION, LOSS OF COORDINATION, INCREASED PULSE RATE, DEEPER RESPIRATION, IRRITATION, DEFATTING, FROSTBITE,

Medical Cond Aggravated by Exposure:PRE-EXISTING DISEASES OF CNS, CARDIOVASCULAR SYSTEM, ANEMIA, ASTHMA/DERMAL SENSITIVITY.

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

First Aid:EYES: IRRIGATE W/WATER FOR 15 MINS. SKIN: FLUSH W/WATER.

TREAT FOR FROSTBITE. INHALATION: REMOVE TO FRESH AIR. RESTORE/SUPPORT BREATHING AS NEEDED. GIVE OXYGEN IF BREATHING IS DIFFICULT. OBTAIN MEDICAL ATTENTION IN ALL CASES. NOTE TO PHYSICIAN: BECAUSE OF A POSSIBLE DISTURBANCE OF CARDIAC RHYTHM, CATECHOLAMINE DRUGS SUCH AS EPINEPHRINE, SHOULD BE USED W/SPECIAL CAUTION IN EMERGENCY LIFE SUPPORT.

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

Flash Point Method:TCC

Flash Point:NONE

Fire Fighting

Procedures:SELF-CONTAINED BREATHING APPARATUS MAY BE REQUIRED IF CANS RUPTURE/CONTENTS RELEASED UNDER FIRE CONDITIONS.

Unusual Fire/Explosion Hazard:CONTAINERS MAY RUPTURE UNDER ELEVATED TEMP CONDITIONS. IRRITATING & TOXIC GASES MAY BE PRODUCED.

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

Spill Release Procedures:VENTILATE AREA IN LOW PLACES WHERE HEAVY VAPORS MIGHT COLLECT. REMOVE OPEN FLAMES. LARGE: USE SELF-CONTAINED BREATHING APPARATUS.

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

Handling and Storage Precautions:STORE IN A CLEAN, COOL, VENTILATED AREA AWAY FROM SOURCES OF IGNITION AND OXIDIZING AGENTS. MAINTAIN TEMPERATURE AT LESS THAN 120F. CLASS 1 AEROSOL.

Other Precautions:NONE

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

Respiratory Protection:SELF CONTAINED BREATHING APPARATUS IS REQUIRED IF LARGE RELEASE OCCURS.

Ventilation:LOCAL EXHAUST WHEN LARGE AMOUNTS RELEASED. MECHANICAL

VENTILATION SHOULD BE USED IN LOW PLACES.

Protective Gloves:LINED NITRILE/NATURAL RUBBER

Eye Protection:CHEMICAL SPLASH GOGGLES

Supplemental Safety and Health

NONE

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

HCC:G3

Boiling Pt:B.P. Text:-16F,-27C

Vapor Pres:84

Vapor Density:4.34

Spec Gravity:1.21

Solubility in Water:NEGLIGIBLE

Appearance and Odor:CLEAR LIQUIFIED GAS W/SLIGHT ETHEREAL ODOR

Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid:YES

ALKALI/ALKALINE EARTH METALS, POWDERED ALUMINUM, ZINC

Stability Condition to Avoid:OPEN FLAMES, HIGH TEMPERATURES, GLOWING METAL SURFACES

Hazardous Decomposition Products:HYDROCHLORIC & HYDROFLUORIC ACIDS, POSSIBLY CARBONYL HALIDES

===== **Disposal Considerations**=====

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE W/LOCAL, STATE & FEDERAL REGULATIONS.

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