Material Safety Data Sheet

February 1996
TX3500/3501/3502/3504/3505/3601/3602/3603/3604

SECTION I: PRODUCT IDENTIFICATION AND EMERGENCY INFORMATION

PRODUCT (TRADE) NAME: PC Duster, OfficeDuster II, OfficeDuster Plus, OfficeDuster Jr.,

PRODUCT IDENTIFICATION NUMBER(S): TX3500/3501/3502/3504/3505/3601/3602/3603/3604

CHEMICAL NAME AND SYNONYMS: Chlorodifluoromethane

CHEMICAL FORMULA: CHClF,

EMERGENCY TELEPHONE NUMBERS: The Texwipe Company: (800) 284-5577
CHEMTREC (Transportation): (800) 424-9300

SECTION II: HAZARDOUS INGREDIENTS

COMPONENT Chlorodifluoromethane

CAS# 75-45-6

% 100

OSHA PEL (ppm) 1000

ACGIH TLV (ppm) 1000

SECTION III: PHYSICAL DATA

BOILING POINT (°F/°C): -41.4 (-40.8)

VAPOR PRESSURE (mmHg @ 25°C): 151

EVAPORATION RATE (BUTYL ACETATE=1): 100

VAPOR DENSITY (AIR=1): 3.03

FORM: Liquid Gas

% SOLUBLE IN WATER @ 25°C: 0.30 w/w%

ODOR: Ethereal

SPECIFIC GRAVITY (G/CC @ 25°C): 1.19

APPEARANCE: Clear

SECTION IV: FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (TCC): None

FLAMMABLE LIMITS (% BY VOLUME): LE L: NA UEL: NA

AUTOCIGNITION TEMPERATURE °F (°C): NA

EXTINGUISHING MEDIA: Extinguisher, water, or fog may be used to cool containers;

UNUSUAL FIRE OR EXPLOSION HAZARDS: Cylinders are under pressure and may rupture under fire conditions. Decomposition may produce hydrochloric and hydrofluoric acid.

NFPA RATING: HEALTH (1)

FLAMMABILITY (0)

REACTIVITY (1)

NA = Not Available

The information provided herein is compiled from internal reports and data from professional publications. It is furnished without warranty of any kind, expressed or implied. It is intended solely to assist in evaluating suitability and proper use of the material and in implementing safety precautions and procedures.
Section V: Health Hazard Information
Primary Routes of Entry, Signs and Symptoms of Overexposure, Target Organs, and Associated Toxicity Information:

Inhalation of high concentrations of vapor is harmful and may cause heart irregularities, unconsciousness, or death. Intentional misuse can be fatal. Vapor reduces oxygen available for breathing and is heavier than air. Liquid contact can cause frostbite.

Carcinogenicity (OSHA/HTP/ACTION/IARC): Not listed.
Medical Conditions Aggravated by Exposure:

First Aid

Eye Contact: Irrigate with water for 15 minutes, including under eyelids. Get medical help.
Skin Contact: Flush with water. Treat for frostbite if necessary.
Inhalation: Remove to fresh air. Restore and/or support breathing as needed. Give oxygen if breathing is difficult.
Ingestion: Ingestion is not considered a potential route of exposure.

Section VI: Reactivity Data
Stability (Conditions to Avoid): Stable. Avoid open flames and high temperatures.
Hazardous Polymerization: Will not occur under normal conditions of use.
Incompatible Materials to Avoid: Alkali or alkaline earth metals—powdered Al, Zn, etc.

HAZARDOUS DECOMPOSITION PRODUCTS:
Can be decomposed by high temperatures (open flames, glowing metal surface, etc.) forming hydrochloric and hydrofluoric acids, and possibly carbonyl halides.

Section VII: Spill or Leak Procedures
Ventilate area—especially low places where heavy vapors might collect. Remove open flames.

Water Disposal: Comply with Federal, State and Local regulations.

Section VIII: Special Precautions and Control Measures
Generally Applicable Control Measures: Normal ventilation for standard procedures is generally adequate. Local exhaust should be used when large amounts are released. Mechanical ventilation should be used in low places.

Personal Protective Equipment: Lined butyl gloves and chemical splash goggles should be worn when handling liquid. Under normal use conditions, no respiratory protection is required. Self-contained breathing apparatus (SChA) is required if a large release occurs.
SECTION IX: SHIPPING INFORMATION

DOT CLASSIFICATION:
Proper Shipping Name: Chlorodifluoromethane
Hazard Class: 2.2
UN No.: 1,018
Hazard Labeling Required: Nonflammable Gas and DOT-E 9393, Cargo Aircraft Only

IATA CLASSIFICATION
Proper Shipping Name: Chlorodifluoromethane
Hazard Class: 2.2
Subsidiary Risks: None
UN No.: 1,018
Hazard Labeling Required: Nonflammable Gas and DOT-E 9393, Cargo Aircraft Only

SECTION X: ADDITIONAL INFORMATION

NEC/EMS DESIGNATIONS
Health (Blue): 1
Flammability (Red): 0
Reactivity (Yellow): 1
Personal Protection (White): Ratings depend on conditions of use.

SARA TITLE III REPORTING REQUIREMENTS
Toxic Chemical (Section 313): N/L
Extremely Hazardous Substance (Sections 302, 304, 311 and 312): N/L

N/L = Not listed

SARA TITLE III PRODUCT
Chronic Health: No
Acute Health: Yes
Fire Hazard: No
Pressure Hazard: Yes
Reactivity Hazard: No

TSCA INVENTORY STATUS
Reported/ Included