



MATERIAL SAFETY DATA SHEET

SECTION 1 — PRODUCT IDENTIFICATION

Product identifier: Duster Spray (“Canned Air”)

Product Number: 1340

Manufacturer's name and address: Refer to supplier

Supplier name and address:

ALBATROSS USA INC./EXPERT WORLDWIDE

36-41 36th Street
Long Island City, New York
United States
11106
718-392-6272

5439 San Fernando Road West
Los Angeles, California
United States
90039
818-543-5850

Emergency Telephone #: Chemtrec (Day or Night) 800-424-9300
(For Chemical Emergency: Spill, Leak, Fire, Exposure or Accident)

This MSDS complies with 29CFR 19190.1200 (Hazard Communication Standard) and WHMIS regulations.

IMPORTANT: Read this MSDS before handling and disposing of this product. Pass this information on to employees, customer, and users of this product.

SECTION 2 — HAZARDOUS COMPONENTS

HAZARDOUS COMPONENTS	EXPOSURE LIMITS			%	CAS NO.
	OSHA PEL	ACGIH	OTHER		
1,1,1,2-Tetrafluoroethane	NE	NE	NA	100	811-97-2

NE: Not established (No PEL or TLV has been established for this product)

SECTION 3 — PHYSICAL DATA

Boiling Point: (-26.5° C)

Vapor Density (Air = 1): 3.52

Solubility in Water % by Wt.: Negligible

Evaporation Rate (Butyl Acetate = 1): Faster than

Appearance & Odor: Colorless gas with faint ethereal odor

Vapor Pressure (mmHg or psig @ 70F): 71 psig

Specific Gravity (H₂O=1): 1.21

SECTION 4 — FIRE & EXPLOSION HAZARD DATA

Flash Point (°F): None

Flammable Limits: LEL N/A UEL N/A

Extinguishing Medium: AS APPROPRIATE FOR COMBUSTIBLES IN AREA.

Fire and Explosion Hazard Data

Special Firefighting Procedures: Wear self-contained breathing apparatus when fighting fires near this product due to toxic thermal decomposition product. Keep exposed containers cool with water to prevent rupture.

Unusual Fire & Explosion Hazards: May decompose when in contact with flames, heating elements, or in gas engines (extreme heat, open flames, glowing metal surfaces) and release irritating, toxic and corrosive gases.

SECTION 5 — REACTIVITY DATA

Stability: Stable, avoid open flames and high temperature.

Incompatibility: Strong alkalis and strong oxidizers. Avoid contact with strong alkaline and alkali earth metals, finely powdered metals such as aluminium, magnesium or zinc and strong oxidizers since they may react with or accelerate decomposition of this material.

Hazardous Decomposition Products: Hydrogen fluoride, carbon monoxide and carbon dioxide

Hazardous Polymerization: Will not occur

SECTION 6 — HEALTH HAZARD DATA

EFFECTS OF OVER EXPOSURE

Eye Contact: Irritant. Vapor is irritating to eyes. Liquid is irritating to eyes and may cause tissues to freeze.

Skin Contact: Contact with liquid may cause tissues to freeze (frostbite); chemical itself is not irritating.

Other Toxic Effects: This product does not contain any components listed by NTP or IARC or regulated by OSHA as a carcinogen.

Target Organ Toxin: Target organs affected by exposure to this material are eyes, skin, central nervous system, respiratory system and heart.

Toxicity Comments: Dense vapour displaces breathing air in confined or unventilated areas. Inhaling concentrated vapors can cause drowsiness, unconsciousness, respiratory depression and death due to asphyxiation. This compound also increases the sensitivity of the heart to adrenaline, possibly resulting in rapid heart beat (tachycardia), irregular heart beat (cardiac arrhythmia's) and depression of cardiac function. Persons with preexisting heart disease may be at increased risk from exposure.

Refrigerant 134a has a low acute inhalation toxicity (4 hour l.c. 50 in the rat > 500,000 ppm). It is an eye irritant and is not a skin sensitizer. Cardiac sensitization is seen in dogs at concentrations above 750,000 ppm after intravenous adrenaline administration. Sub-chronic toxicity in rats is very low and the no-effect-level is 50,000 ppm. In vitro (Ames test, saccharomyces gene mutation, cell transformation and human lymphocyte cytogenetics) and in vivo (dominant lethal, rat bone marrow, micronucleus and DNA repair) genotoxicity assays were all negative.

EMERGENCY AND FIRST AID PROCEDURES:

Eye Contact: Immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention.

Skin Contact: Flush skin with plenty of water. Remove contaminated clothing. Wash clothing before reuse. Get medical attention. If frostbitten, warm skin slowly with water.

Inhalation: If high concentrations are inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician.

Ingestion: Ingestion is not considered a potential route of exposure. Product is a gas under normal conditions. Never give anything by mouth to an unconscious person.

SECTION 7 — ENVIRONMENTAL AND DISPOSAL INFORMATION

Actions to Take for Spills/Leaks: Ventilate area-especially low places where heavy vapors might collect. Remove open flames. Comply with federal, state and local regulations on reporting releases. Self-contained breathing apparatus (SCBA) is required if a large spill or release occurs.

Waste Disposal Method: Reclaim by distillation if possible or remove to a permitted waste disposal facility in accordance with local, state and federal regulations.

SECTION 8 — HANDLING AND STORAGE PRECAUTIONS

Store in tightly sealed containers. Keep away from heat, sparks & open flame. Do not get in eyes, on skin or clothing. Do not breathe vapour, mist or gas. Do not store or transfer to an unmarked container. Do not throw empty containers in trash compactor. Do not store in direct sun. Store containers below 120°F. Read label before using. Empty containers may contain hazardous residue. Do not drop, reuse or refill container. Do not smoke around this product. Do not cut, grind, or weld on or near container due to possible toxic fume generation.

SECTION 9 — SPECIAL PROTECTION INFORMATION

Respiratory Protection (Specify Type): Supplied air or SCBA in case of release or fire.

Ventilation: Local point exhaust sufficient.

Protective Gloves: Any lined non-permeable rubber gloves.

Eye Protection: Chemical splash goggles.

Other Protective Equipment: Non-permeable clothing to protect all skin from liquid contact.

SECTION 10 — REGULATORY INFORMATION

SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 (SARA) TITLE III:

CHEMICAL	CAS NUMBER	CONCENTRATION %
1,1,1,2-Tetrafluoroethane	811-97-2	100%

FEDERAL EPA: Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA) requires the notification of the National Response Center of release of quantities of hazardous substances equal to or greater than the reportable quantities (rqs) in 40 CFR 302.4.

CHEMICAL	CAS NUMBER	CONCENTRATION % UPPER BOUND	RQs IN #
Not Listed			

CALIFORNIA PROPOSITION 65: No

MASSACHUSETTS RIGHT TO KNOW: No

PENNSYLVANIA RIGHT TO KNOW: Yes

NEW JERSEY RIGHT TO KNOW: No

TOXIC SUBSTANCES CONTROL ACT (TSCA) STATUS: Listed

CALIFORNIA VOC'S: N/A

NFPA RATING AS AN AEROSOL: One

HMIS: Health 1 Reactivity 0 Flammability 0

CARCINOGENICITY CHEMICAL IARC NTP OSHA

Not Listed

Prepared by: Albatross USA Inc.
Telephone number: 718-392-6272
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NOTICE:

The information in this document is believed to be correct as of the date issued. However, no warranty of merchantability, fitness for any particular purpose, or any other warranty is expressed or to be implied regarding the accuracy or completeness of this information or the product, the safety of this product, or the hazards related to its use. This information and product are furnished "as is" and on the condition that the personal receiving them shall make their own determination as to the suitability of the product for their particular purpose and on the condition that they assume the risk of their use thereof.