

MATERIAL/CHEMICAL SAFETY DATA SHEET

SECTION 1: CHEMICAL PRODUCT & COMPANY IDENTIFICATION

Product Details

Product Name: Aero-Duster Compressed Air Spray

Allied Item No.: 200-20000, -20005

Chemical Name: Halogenated Hydrocarbon

Company Identification

Allied High Tech Products, Inc.
2376 East Pacifica Place
Rancho Dominguez, CA 90220
(310) 635-2466

Contact Point

Transportation for United States
Chemtrec (800) 424-9300 * (202) 483-7616

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENT

Chemical Name	CAS No.	Exposure Limits in Air		Carcin. Y/N
		ACGIH TLV or TWA	OSHA PEL	
Ethane, 1, 1, 1, 2-tetrafluoro (134a) 100%	811-97-2	NE	NE	N

Ingredients are listed on the TSCA Inventory of Chemical Substances. Those not identified are non-hazardous.

HMIS Ratings

Health: 1
Flammability: 0
Reactivity: 1

SECTION 3: HAZARDS IDENTIFICATION

Emergency Overview: 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.

Hazard Statement: Overexposure by inhalation of very high concentrations may cause temporary alteration of the heart's electrical activity with irregular pulse, palpitations or inadequate circulation. Individuals with preexisting diseases of the central nervous or cardiovascular system may have increased susceptibility to the toxicity or excessive exposures.

SECTION 4: FIRST AID MEASURES

	Potential Health Effects	First Aid/ Medical Info.
Eye Contact:	NAIF	Immediately flush eyes with water for 15 minutes. Seek medical attention.
Skin Contact:	Contact with skin may cause frostbite.	Wash with soap and water. Treat for frostbite if necessary by gently warming affected area. Wash contaminated clothing before reuse.
Inhalation:	Inhalation of high concentrations of vapor is harmful and may cause heart irregularities, unconsciousness or death.	Remove to fresh air. Keep person calm. If breathing is difficult give oxygen. Seek medical attention.
Ingestion:	Ingestion is not considered a potential route of exposure.	NAIF

Note: Because of possible disturbances of cardiac rhythm, catecholamine drugs, such as epinephrine, should be considered only as a last resort in life threatening emergencies.

SECTION 5: FIRE FIGHTING MEASURES

Extinguishing Media: As appropriate for combustibles in area.

Fire Fighting Instruction: Cool cans with water spray. Wear full protective clothing and OSHA/NIOSH self-contained breathing apparatus with full facepiece if cans rupture or release under fire conditions.

Special Hazards: Cans may rupture under fire conditions. Decomposition may occur.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Ventilate area-especially low places where heavy vapors might collect. Remove open flames.

<p>SECTION 7: HANDLING & STORAGE</p>	<p>SECTION 12: ECOLOGICAL INFORMATION</p>
<p>Handling: Avoid contact with skin and eyes. Observe good housekeeping practices.</p> <p>Storage: Do not store near sources of heat, in direct sunlight or where temperatures exceed 120°F (49°C). Do not puncture or damage containers. Rotate stock to shelf life of one year.</p>	<p>NA</p>
<p>SECTION 8: EXPOSURE CONTROL & PERSONAL PROTECTION</p>	<p>SECTION 13: DISPOSAL INFORMATION</p>
<p>Engineering Measures: Normal ventilation for standard manufacturing procedures in generally adequate.</p> <p>Respiratory Protection: Use OSHA/NIOSH approved respiratory protection if level of air contaminants is excessive.</p> <p>Protective Gloves: Lined butyl gloves.</p> <p>Eye Protection: Safety glasses or chemical splash goggles.</p> <p>Other: Eye wash and shower facility recommended.</p>	<p>Dispose of waste material according to Federal, State and Local regulations.</p>
<p>SECTION 9: PHYSICAL & CHEMICAL PROPERTIES</p>	<p>SECTION 14: TRANSPORT INFORMATION</p>
<p>Appearance: Clear liquefied gas Odor: Slight Ethereal Solubility: 0.15 by wt. @ 77°F (25°C) 14.7 psia Boiling Point: -15.7°F (-9°C) @ 736 mm/Hg Melting Point: NA Flash Point: will not burn Vapor Pressure: 96 psia @ 77°F (25°C) Vapor Density: 3.6 (air = 1) Evaporation Rate: NA Specific Gravity: NA Flammable Limits LEL: NA Flammable Limits UEL: NA</p>	<p>NA</p>
<p>SECTION 10: STABILITY & REACTIVITY</p>	<p>SECTION 15: REGULATORY INFORMATION</p>
<p>Stability: Stable</p> <p>Conditions to Avoid/Incompatibles: High temperatures, open flames. Alkali or Alkaline earth metals-powdered Al, Zn, Be, etc.</p> <p>Decomposition Products: Can be decomposed by high temperatures forming hydrofluoric acid and possibly carbonyl fluoride.</p> <p>Hazardous Polymerization: Will not occur.</p>	<p>Toxic Substance Control Act TSCA: No.</p> <p>CERCLA: No.</p> <p>SARA Title III: Acute Health/Pressure Hazard: Yes Chronic Health/Fire Hazard/Reactivity Hazard: No</p>
<p>SECTION 11: TOXICOLOGICAL INFORMATION</p>	<p>SECTION 16: OTHER INFORMATION</p>
<p>NA</p>	<p>Legend NAIF: No Applicable Information Found NA: Not Available/Applicable NE: None Established</p> <p>DISCLAIMER: The above information and recommendations are believed accurate and reliable. Because it is not possible to anticipate all conditions of use, additional safety precautions may be required. ALLIED HIGH TECH PRODUCTS, INC. makes no warranty, either express or implied, as to its accuracy or completeness and none is made as to the fitness of this material for any purpose. The manufacturer/distributor shall not be liable for damages to person or property resulting from its use. Nothing herein shall be construed as a recommendation for use in violation of any patent.</p>
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