

## MATERIAL SAFETY DATA SHEET

SECTION 1: NAME OF PRODUCT															
PRODUCT NAME: <i>Aero-Duster Compressed Air Spray</i>			ALLIED ITEM NUMBER(S): <i>200-20000 &amp; 200-20005</i>												
CHEMICAL NAME or PRODUCT TYPE: <i>Halogenated Hydrocarbon</i>															
SECTION 2: COMPOSITION															
Chemical Name	Common Name	REG (Y/N)	CAS#	OSHA PERMISSIVE EXPOSURE LIMIT	ACGIH TLV	CARCIN. (Y/N)									
<i>Ethane, 1,1,1,2-tetrafluoro 100%</i>			<i>811-97-2</i>	<i>Not Est.</i>	<i>Not Est.</i>	<i>N</i>									
		<table border="1"> <thead> <tr> <th colspan="3">HMIS CODE:</th> </tr> <tr> <th>HEALTH</th> <th>FLAMMABILITY</th> <th>REACTIVITY</th> </tr> </thead> <tbody> <tr> <td><i>1</i></td> <td><i>0</i></td> <td><i>1</i></td> </tr> </tbody> </table>			HMIS CODE:			HEALTH	FLAMMABILITY	REACTIVITY	<i>1</i>	<i>0</i>	<i>1</i>		
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Ingredients are listed on the TSCA Inventory of Chemical Substances. Those not identified are non-hazardous.															
SECTION 3: PHYSICAL & CHEMICAL DATA															
BOILING POINT: <i>-15.7°F @ 736mm Hg</i>		MELTING POINT: <i>NAIF</i>		SPECIFIC GRAVITY: <i>N/A</i>											
VAPOR PRESSURE: <i>96 psia @ 77°F</i>		% VOLATILE by VOL/WGT: <i>100%</i>		VAPOR DENSITY: <i>3.6</i>											
EVAPORATION RATE: <i>NAIF</i>		SOLUBILITY in WATER: <i>.15% by wt @ 77°F &amp; 14.7 psia</i>		SOLUBILITY in ALCOHOL: <i>N/A</i>											
SOLUBILITY in OTHER SOLVENT: <i>NAIF</i>		APPEARANCE and ODOR: <i>Clear, colorless; slight ethereal odor</i>													
SECTION 4: FIRE & EXPLOSION HAZARD DATA															
FLASH POINT: <i>Will not burn</i>		METHOD USED: <i>TOC</i>		FLAMMABLE LIMITS: LEL: <i>N/A</i> UEL: <i>N/A</i>											
EXTINGUISHING MEDIA: <i>As appropriate for combustibles in area.</i>															
SPECIAL FIRE FIGHTING PROCEDURES: <i>Cool cans with water spray. Self-contained breathing apparatus may be required if cans rupture or release in fire</i>															
EXPLOSION POTENTIAL: <i>Cans may rupture under fire conditions. Decomposition may occur.</i>															
SECTION 5: HEALTH, FIRST AID, & MEDICAL DATA															
ROUTE(S) of ENTRY	ACUTE and CHRONIC HEALTH EFFECTS			FIRST AID and MEDICAL INFORMATION											
INHALATION:	<i>High concentrations may cause heart irregularities, unconsciousness or death.</i>			<i>Immediately remove to fresh air &amp; keep person calm. If not breathing, give artificial respiration. Give oxygen if necessary. Call a physician.</i>											
INGESTION:	<i>Not considered a potential route of exposure.</i>														
SKIN CONTACT/ABSORPTION:	<i>Contact with the liquid may cause frostbite.</i>			<i>Flush with water after excessive contact. Treat for frostbite by gently warming affected area.</i>											
EYE:	<i>NAIF</i>			<i>Immediately flush with plenty of water for 15 minutes. Call a physician.</i>											
OTHER POTENTIAL HEALTH RISK:	<i>Intentional misuse can be fatal.</i>			<i>Because of possible cardiac rhythm disturbances, catecholamine drugs like pinephrine should be used only as a last resort in life threatening emergencies.</i>											
LEGEND:	<i>NAIF = No Applicable Information Found N/A = Not Applicable</i>			OFFICE CODE: <i>MSDS.P65: 66 &amp; 67</i>											

**Page 2 of 2:** *Aero-Duster Compressed Air Spray*

**SECTION 6: CORROSIVITY & REACTIVITY DATA**

**STABILITY:** UNSTABLE  STABLE  **POLYMERIZATION:** MAY OCCUR  WILL NOT OCCUR

**INCOMPATIBILITY (MATERIALS to AVOID):**

*Alkali or Alkaline earth metals- powdered Al, Zn, Be, etc.*

**DECOMPOSITION PRODUCTS:**

*Can be decomposed by high temperatures (open flames, glowing metal surfaces) forming hydrofluoric acid and possibly carbonyl fluoride.*

**CONDITIONS to be AVOIDED:**

*Open flames and high temperatures.*

**SECTION 7: STORAGE, HANDLING, & USAGE PROCEDURES**

**NORMAL STORAGE and HANDLING:**

*Do not store near sources of heat, in direct sunlight or where temperatures exceed 120°F. Do not puncture or damage containers. Rotate stock to shelf life of one year.*

**NORMAL USE:**

*NAIF*

**STEPS to be TAKEN in case of LEAKS or SPILLS:**

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

**WASTE DISPOSAL METHOD:**

*Comply with Federal, State and Local laws.*

**SECTION 8: PERSONAL PROTECTION INFORMATION**

**RESPIRATORY PROTECTION (SPECIFY TYPE):** *Normal ventilation for standard manufacturing procedures is adequate.*

{	<b>LOCAL:</b>	<i>As required</i>
	<b>MECHANICAL (GENERAL):</b>	<i>As required</i>
	<b>OTHER:</b>	<i>NAIF</i>

**PROTECTIVE GLOVES:** *Lined butyl gloves*

**EYE PROTECTION:** *Chemical splash proof goggles*

**OTHER EQUIPMENT:** *Under normal conditions, no respiratory protection is required*

**SECTION 9: SPECIAL PRECAUTIONS; EMERGENCY OVERVIEW; NOTES**

*Store away from heat and flame. Use adequate ventilation.*

**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.