### Section 1: Name of Product

**Product Name:** Aero-Duster Compressed Air Spray  
**Allied Item Number(s):** 200-20000 & 200-20005

#### Chemical Name or Product Type:

Halogenated Hydrocarbon

### Section 2: Composition

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Common Name</th>
<th>REG (Y/N)</th>
<th>CAS#</th>
<th>OSHA Permissible Exposure Limit</th>
<th>ACGIH TLV</th>
<th>CARCIN. (Y/N)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethane, 1,1,1,2-tetrafluoro 100%</td>
<td></td>
<td>NAIF</td>
<td>811-97-2</td>
<td>Not Est.</td>
<td>Not Est.</td>
<td>N</td>
</tr>
</tbody>
</table>

### Section 3: Physical & Chemical Data

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Boiling Point</td>
<td>-15.7°F @ 736mm Hg</td>
</tr>
<tr>
<td>Melting Point</td>
<td>NAIF</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>N/A</td>
</tr>
<tr>
<td>Vapor Pressure</td>
<td>96 psia @ 77°F</td>
</tr>
<tr>
<td>% Volatile by Vol./Wgt.</td>
<td>100%</td>
</tr>
<tr>
<td>Vapodensity</td>
<td>3.6</td>
</tr>
<tr>
<td>Evaporation Rate</td>
<td>NAIF</td>
</tr>
<tr>
<td>Solubility in Water</td>
<td>0.15% by wt @ 77°F &amp; 14.7 psia</td>
</tr>
<tr>
<td>Solubility in Alcohol</td>
<td>NAIF</td>
</tr>
<tr>
<td>Appearance and Odor</td>
<td>Clear, colorless; slight ethereal odor</td>
</tr>
</tbody>
</table>

### Section 4: Fire & Explosion Hazard Data

- **Flash Point:** Will not burn  
- **Method Used:** TOC  
- **Flammable Limits:** LEL: N/A, UEL: N/A  
- **Extinguishing Media:** As appropriate for combustibles in area.  
- **Special Fire-Fighting Procedures:** Cool cans with water spray. Self-contained breathing apparatus may be required if cans rupture or release in fire.  
- **Explosion Potential:** Cans may rupture under fire conditions. Decomposition may occur.

### Section 5: Health, First Aid, & Medical Data

#### Route(s) of Entry

- **Inhalation:** High concentrations may cause heart irregularities, unconsciousness or death.  
- **Ingestion:** Not considered a potential route of exposure.  
- **Skin Contact/Absorption:** Contact with the liquid may cause frostbite.  
- **Eye:** NAIF  
- **Other Potential Health Risk:** Intentional misuse can be fatal.

#### First Aid and Medical Information

- **Acute and Chronic Health Effects:**  
  - **First Aid and Medical Information:** Immediately remove to fresh air & keep person calm. If not breathing, give artificial respiration. Give oxygen if necessary. Call a physician.  
  - **Intentional Misuse:** Because of possible cardiac rhythm disturbances, catecholamine drugs like epinephrine should be used only as a last resort in life threatening emergencies.

#### Legend

- NAIF = No Applicable Information Found  
- N/A = Not Applicable  
- OFFICE CODE: MSDS.P65: 66 & 67
SECTION 6: CORROSIVITY & REACTIVITY DATA

STABILITY: UNSTABLE □ STABLE X POLYMERIZATION: MAY OCCUR □ WILL NOT OCCUR X

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 fluorine.

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.

VENTILATION

LOCAL: As required

MECHANICAL (GENERAL): As required

OTHER: NAIF

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.

FORM PREPARED BY: Kim Dermit, July, 2002