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# MATERIAL SAFETY DATA SHEET

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For Chemical Emergency, Spill, Leak, Fire, Exposure, or Accidents Call :  
**CHEMTREC**  
**1 (800) 424-9300**  
*Day or Night*

## I. PRODUCT IDENTIFICATION

|                     |                            |
|---------------------|----------------------------|
| Product Name        | Blaster 3.5 oz. Canned Air |
| Product Part Number | F8E408                     |
| Product UPC         | 7-22868-13211-1            |
| Issue Date          | May 23, 2000               |

## II. HAZARDOUS COMPONENTS OF GAS

Hazardous Description:  
 Refrigerant Gas, N.O.S. Non-Flammable Gas (UN 1078)  
 (For Shipping Purposes Only)

|               |            |              |               |
|---------------|------------|--------------|---------------|
| Hazard Rating | Health: 1  | Fire: 0      | Reactivity: 1 |
| 0 - Least     | 1 - Slight | 2 - Moderate | 3 - High      |
|               |            |              | 4 - Extreme   |

| Ingredient                | CAS No.  | %   | Hazard   |
|---------------------------|----------|-----|--|
| 1,1,1,2-tetrafluoroethane | 811-97-2 | 100 | OSHA PEL NIF<br>DuPont AEL 1000ppm<br>Preliminary toxicity assessment<br>by DuPont |

### III. PHYSICAL DATA ON GAS

|                       |   |                                       |     |
|-----------------------|---|---------------------------------------|-----|
| Boiling Point:        | -16°C                                   | pH:                                   | 7-8 |
| Density:              | 1.202                                   | % Volatile:                           | 100 |
| Solubility in Water:  | 0                                       | % Solids:                             | 0   |
| Vapor Density (Air=1) | 3.0                                     | Evaporation Rate (H <sub>2</sub> O=1) | > 1 |
| Appearance:           | Clear water-white liquid with low odor. |                                       |     |

### IV. REACTIVITY DATA

|                                       |   |                      |                               |
|---------------------------------------|---|----------------------|-------------------------------|
| Stability:                            | STABLE  | Conditions to Avoid: | Contact with open flame, heat |
| Incompatibility (materials to avoid): | Reactive alkali metals, strong acids & bases.           |                      |                               |
| Hazardous Decomposition Products:     | Hydrogen fluoride, carbon dioxide, and carbon monoxide. |                      |                               |
| Hazardous Polymerization:             | WILL NOT OCCUR  |                      |                               |
| Conditions to Avoid:                  | None  |                      |                               |

### V. FIRE AND EXPLOSION HAZARD DATA

|  |                                       |
|--|---------------------------------------|
| Flash Point: None TCC Method   | Explosion Limits<br>LEL: N/A UEL: N/A |
| Extinguishing Media: Water, foam, dry chemical, carbon dioxide.  |                                       |
| Special Fire Fighting Procedures:<br>Fire fighters should wear self contained, positive-pressure breathing apparatus and avoid skin contact. |                                       |
| Unusual Fire and Explosion Hazards:<br>Aerosol cans may erupt with force at temperatures above 120° F.                                       |                                       |

### VI. HEALTH HAZARD DATA

| Physical Contact | Effects of Overexposure   | Suggest First Aid  | Precautionary Info                                       |
|------------------|---|--|--|
| Eye              | Liquid can cause slight, temporary irritation with slight temporary corneal injury. Vapors can irritate eyes.   | Flush eyes for at least 15 (fifteen) minutes with clear water. If irritation persists, seek medical attention. | Avoid eye contact.                                       |
| Skin             | Prolonged or repeated contact with liquid can cause freezing of skin tissues, defatting, or dermatitis.   | Wash with soap and water. For frostbite, seek immediate medical attention.                                     | Avoid prolonged skin contact.                            |
| Inhalation       | Major potential rout of exposure. Minimal effects observed below 1000 ppm. Dizziness, drowsiness, and throat irritation possible at levels above 1000 ppm. Unconsciousness and death at levels above 10,000 ppm. Blood pressure depression, cardiac sensitization, and ventricular arrhythmia can result from exposure to near-anesthetic levels. | Remove to fresh air. If breathing has stopped, administer artificial respiration. Seek medical attention.      | Avoid breathing of vapors. Use in well ventilated areas. |

|           |   |   |   |
|-----------|---|---|---|
| Ingestion | Single dose toxicity is low to moderate. If vomiting occurs the liquid can be aspirated into the lungs, which can cause chemical pneumonia and systemic effects. Human psychotropic, gastrointestinal, and central nervous system effects possible. | Adrenalin and other similar cardiac stimulants should NOT be used to treat effects of overexposure to this product. | Product is not intended to be taken internally. |
|-----------|---|---|---|

**VII. EMPLOYEE PROTECTION**

|                         |   |
|-------------------------|---|
| Respiratory Protection: | If levels exceed TLVs, increased ventilation or organize vapor mask required.   |
| Ventilation:            | Do not use in closed space. Ventilation required.   |
| Hands:                  | Solvent resistant gloves such as Viton, Polyvinyl alcohol   |
| Eyes:                   | Wear splash proof safety goggles or glasses.  |
| Special Precautions:    | Keep aerosol cans in cool place out of direct sunlight. Keep this and all chemicals out of the reach of children. This product for industrial use only. |

**VIII. ADDITIONAL PRECAUTIONARY INFO**

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| 1. Store in a cool place  |
| 2. Flammable, keep away from flame  |
| 3. Do not apply on food, food container or self   |
| None of the ingredients in this product are listed on the OSHA, IARC, NTP list of possible carcinogenic, mutagenic, or teratogenic chemicals. |

**IX. SPILL OR LEAK PROCEDURES**

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| Evacuate area. Ventilate area well and avoid breathing vapors. Vapor concentration will be highest along floor and in low lying areas. Pick up liquid on suitable absorbent and store in sealed containers. |
|---|

**X. WASTE DISPOSAL METHODS**

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| Material may be disposed of by a licensed reclaimer or incineration facility. Consult local, state, and federal disposal authorities for approved procedures. |
| Do not incinerate or destroy aerosol cans.  |

**XI. OTHER INFORMATION**

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| ADDITIONAL SHIPPING INFORMATION: The regulatory body which oversees air international shipments (IATA) has established a UN number for 1,1,1,2-Tetrafluoroethane UN3159. International shipments should be shipped under UN3159 designation rather than UN1078. |
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