



# MATERIAL SAFETY DATA SHEET

## SECTION 1 — PRODUCT IDENTIFICATION

**Product identifier:** Freeze Spray Component Cooler

**Product Number:** 1550

**Manufacturer's name and address:** Refer to supplier

**Supplier name and address:**

### ***ALBATROSS USA INC./EXPERT WORLDWIDE***

36-41 36<sup>th</sup> 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 — COMPOSITION, INFORMATION ON INGREDIENTS

<b>Hazardous Component(s)</b>	<b>CAS No.</b>	<b>OSHA PEL (TWA)</b>	<b>ACGIH TLV (TWA)</b>	<b>Other Limits Recommended</b>	<b>Percent By Weight</b>
1,1,1,2 Tetrafluoroethane	811-97-2	NA	NA.	1000 ppm (AIHA)	100%

Contains no chemicals subject to the reporting requirement of SARA Section 313.

## SECTION 3 — HAZARDS IDENTIFICATION

**Emergency Overview:** Clear colorless gas with faint ethereal odor. Contents under pressure. Prolonged exposure to sunlight or heat may cause bursting of can. Contact with liquid can cause frostbite.

**Potential Health Effects:**

**Eye:** Irritation due to frostbite

**Skin:** Defatting and irritation

**Inhalation:** Overexposure can cause drowsiness and loss of concentration

**Ingestion:** Not a likely route of exposure since product is a gas

**Carcinogenicity:** IARC – No            NTP – No            OSHA – No

**Chronic:** Prolonged overexposure may contribute to cardiac sensitization



**Vapor Density (Air =1):** 3.5  
**Solubility in Water:** Very slight  
**% Reportable VOC Content:** 0% (Contains volatile compounds exempted from VOC regulations)

**Evaporation Rate (Butyl Acetate =1):** N/A  
**pH:** N/A

## SECTION 10 — STABILITY AND REACTIVITY

**Stability (Conditions to Avoid):** Stable. Avoid open flames and high temperatures.  
**Incompatibility (Specific Materials to Avoid):** Chemically active metals (sodium, potassium, calcium, powdered aluminium, magnesium, zinc)

**Hazardous Decomposition Products:** Halogens, carbonyl halides  
**Hazardous Polymerization:** Will not occur

## SECTION 11 — TOXICOLOGICAL INFORMATION

Material is low toxicity in concentrations up to 80,000 ppm

**Inhalation:** LC<sub>50</sub> (rat) > 567,000 ppm

**Eye Irritation:** Mild to moderate (due to frostbite)

**Skin Irritation:** Moderate (due to frostbite)

## SECTION 12 — ECOLOGICAL INFORMATION

Limited data available  
 Minimal biodegradability

## SECTION 13 — DISPOSAL CONSIDERATIONS

Always use up product according to label directions before disposal.

Offer empty container for recycling where facilities exist. If recycling is not available, wrap empty container in newspaper and discard in trash. DO NOT PUNCTURE OR INCINERATE CONTAINER.

## SECTION 14 — TRANSPORT INFORMATION

	<b>Domestic</b>	<b>International</b>
<b>Shipping Name:</b>	Consumer Commodity	1,1,1,2-Tetrafluoroethane
<b>Hazard Class:</b>	ORM-D	2.2
<b>UN Number:</b>	none	UN3159
<b>Packing Group:</b>	none	none
<b>Hazard Label:</b>	ORM-D	Nonflammable Gas

## SECTION 15 — REGULATORY INFORMATION

**OSHA:** This product is considered hazardous based on the criteria listed in the Federal OSHA Hazard Communication Standard, 29 CFR 1910.1200.

**TSCA:** All chemical components are listed in the TSCA inventory.

**NJ Right to Know:** In addition to the hazardous components listed in section 2, this product contains the following components in a quantity sufficient to require identification:

No other components

**SECTION 16 — OTHER INFORMATION**

**HMIS Ratings:** (0=minimal, 1=slight, 2=moderate, 3=serious, 4=severe)

**Health - 1                      Flammability - 0                      Reactivity - 1**

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**Prepared by:** Albatross USA Inc.  
**Telephone number:** 718-392-6272  
**Preparation Date:** May 1, 1998  
**Revision Date:** June 8, 2004

**NOTICE:**

This information relates to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is to the best of our knowledge and belief, accurate and reliable as of the date compiled. However, no representation, warranty or guarantee is made as to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability and completeness of such information for his own particular use. We do not accept liability for any loss or damage that may occur from the use of this information nor do we offer warranty against patent infringement.