

**ITEM NUMBER/NAME:** 808**Blown Away Pressure Duster****808****808****VERSION 1**      **EFFECTIVE DATE:** 10/06/04      **SUPERCEDES:** 00/00/00      **PREPARED BY:** Regulatory Compliance

Section(s) Revised: New product

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Emergency Medical Telephone Number: 1-866-836-8855 (24 HRS)      Outside the U.S.A. Call 952-852-4646**PRODUCT HAZARD RATINGS (HMIS®):** Health = \*1, Fire = 4, Reactivity = 0      Protective Equipment = B  
(Rating Index: 4 = Severe, 3 = Serious, 2 = Moderate, 1 = Slight, 0 = Minimal, \* = Chronic Hazard)-----  
**SECTION I**  
-----Rubachem Systems Inc  
P.O Box 901  
Northvale, NJ 07647**TELEPHONE NUMBER FOR INFORMATION:** 1-800-548-3285**DATE PRINTED:** 10/06/04**NAME OF PREPARER:** Regulatory Compliance-----  
**SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION**  
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Chemical Names (CAS #)	SARA SEC 313	ACGIH TLV-TWA/STEL	OSHA PEL-TWA/STEL	% By Wt.
1,1-Difluoroethane (75-37-6)	No	NE / NE	NE / NE	100

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**SECTION III - PHYSICAL CHARACTERISTICS**  
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**Boiling Point:** -13°F      **Vapor Pressure (psig) (± 5 psig):** 165 @ 130°F / 65 @ 70°F  
**Specific Gravity - calculated (H2O=1):** 0.9000 ± 0.005      **pH:** NA      **Solubility/Water:** Insoluble  
**Vapor Density (AIR=1):** ND      **Evaporation Rate (Butyl Acetate=1):** ND  
**Appearance and Odor:** Clear, colorless aerosol spray with slight ethereal odor.

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**SECTION IV - FIRE AND EXPLOSION HAZARD DATA**  
-----**Aerosol Flammability:** Product is not required to be labeled as flammable as described in 16 CFR 1500.3 and 1500.45.**Flashpoint:** -58°F (Propellant); NA (Concentrate)**Flammable Limits - % Volume In Air (Propellant):** LEL: 3.9      UEL: 16.9**Extinguishing Media:** Carbon dioxide, water spray, foam, or dry chemical.**Special Fire Fighting Procedures:** Containers should be cooled with water to prevent vapor pressure build up. Use equipment or shielding, as required, to protect personnel from bursting, rupturing or venting containers.**Unusual Fire and Explosion Hazards:** Fire fighters and others who may be exposed to the products of Combustion should be equipped with NIOSH-approved positive pressure self-contained breathing apparatus (SCBA) and full protection clothing. At elevated temperatures (over 54C-130F) containers exposed to direct flame or heat contact should be cooled with water to prevent weakening of container structure.-----  
**SECTION V - REACTIVITY DATA**  
-----**Stability:** Stable      **Hazardous Polymerization:** NA**Incompatibility (Materials to Avoid):** Bases.**Hazardous Decomposition Products:** Carbon monoxide, hydrofluoric acid.**Conditions to Avoid:** Keep away from heat, sparks, flames and electric arcs. Dropping of containers may cause bursting.-----  
**SECTION VI - HEALTH HAZARD DATA**  
-----**Route(s) of Entry:** Inhalation: Y      Eyes: Y      Skin: Y      Ingestion: N**HAZARDS IDENTIFICATION:****EYES:** May cause frostbite in contact with eyes.**SKIN:** Prolonged or repeated contact with 1,1-difluoroethane can cause drying and cracking of the skin.

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May cause frostbite in contact with skin.

**INHALATION:** May cause irritation of the eyes, skin, and respiratory tract. High concentrations may cause dizziness, drowsiness, fatigue, headache, and fainting.

**INGESTION:** Exposure by ingestion is unlikely since an aerosol, but if ingested, the following may occur: Exposure is unlikely.

**AGGRAVATED MEDICAL CONDITIONS:** May aggravate pre-existing Central Nervous System, cardiac, lung, kidney conditions.

**CHRONIC EXPOSURE:** May affect the Heart and/or circulatory system.

**EMERGENCY AND FIRST AID PROCEDURES:**

**EYES:** Immediately flush with plenty of water for at least 15 minutes. Get prompt medical attention.

**SKIN:** Wash affected areas gradually and get prompt medical attention.

**INHALATION:** Remove to fresh air. If symptoms develop, seek immediate medical attention. If not breathing, give artificial respiration.

**INGESTION:** Swallowing is unlikely.

**CARCINOGENICITY:**

No regulated ingredients.

**TOXICITY INFORMATION:****1,1-Difluoroethane:**

Can affect the heart causing irregular rhythm and skipped heartbeat.

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**SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE**

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**Releases or Spills:** Remove all sources of ignition and ventilate area. Soak up spill with an inert absorbent and place into a designated disposal container. Consult local regulatory agency for proper disposition of material.

**Waste Disposal Method:** Do not puncture or incinerate containers. When contents are depleted continue to Depress button until all gas is expelled. Dispose of container in accordance with local, state, and federal regulations. Disposal regulations may be different for each state and/or locality.

**Handling And Storing:** Avoid breathing vapor. Keep away from heat, sparks, flame and electric arcs. Use with adequate ventilation. Do not puncture or incinerate containers. Do not expose to direct sunlight or store at temperatures above 120°F (48.9°C). Store as **Level 1 Aerosol (NFPA 30B)**.

**Other Precautions:** Please read and follow the directions on the product label; they are your best guide to using this product in the most effective way, and give the necessary safety precautions to protect your health.

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**SECTION VIII - EMPLOYEE PROTECTION**

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**Respiratory Protection (Type):** None required if good ventilation is maintained. If exposure exceeds Occupational exposure limits (Sec. II), use a NIOSH approved respirator to prevent overexposure.

**Ventilation:** Mechanical ventilation should be used when handling this product in enclosed or tight spaces. Local exhaust ventilation may be necessary.

**Protective Gloves:** Chemical resistant gloves are recommended - consult glove manufacturer to determine the proper type for a specific operation.

**Eye Protection:** Safety glasses are recommended.

**Other Protective Clothing or Equipment:** Wearing of impervious clothing to prevent skin contact may be worn.

**Work/Hygienic Practices:** Ensure strict sanitary conditions are conformed to when working around chemicals. Protective clothing and equipment should be in accordance with 29 CFR 1910.132 and CFR 1910.133.

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**SECTION IX - OTHER REGULATORY CONTROLS**

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**FEDERAL:**

Toxic Substance Control Act (TSCA): Ingredients of this product are listed on the EPA/TSCA Inventory of Chemical Substances.

**STATE RIGHT-TO-KNOW:**

**Pennsylvania/New Jersey Right-To-Know (Chemical and CAS No.):**

1,1-Difluoroethane (75-37-6)

**CANADA:****Domestic Substances List:**

Ingredients of this product are listed.

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SECTION X - TRANSPORTATION (D.O.T. CLASSIFICATION)

**Proper Shipping Name:** 1,1-Difluoroethane      **Hazard Class:** 2.1      **UN No:** UN 1030      **Packing Group:** NA

Additional marking(s) on packages: DOT-E 11516

For air shipments: CARGO AIRCRAFT ONLY label is required on packages

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NG: Negligible      NA: Not Applicable      NE: Not Established      UN: Unavailable      ND: Not Determined

While the information set forth herein is believed to be accurate as of the date hereof, the Company makes no warranty or guarantee, express or implied, and disclaims all liability arising out of the use of this information.

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