

RITE OFF

MATERIAL SAFETY DATA SHEET

Complies with OSHA Hazard Communication Standard 29 CFR 1910.1200

SECTION 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product: GENERATION 2000[®] AIR BLAST II

Product Code: E1021

Company Address: Rite-Off, Inc.
105 Park Avenue
Seaford Industrial Park
Seaford, DE 19973

24 Hour Emergency Telephone: CHEM-TEL (800) 255-3924

Phone Number for Information: (302) 628-2100 Mon - Fri, 8:30 am - 4:30 pm EST

SECTION 2: COMPOSITION, INFORMATION ON INGREDIENTS

Hazardous Component	CAS#	OSHA PEL (TWA)	ACGIH TLV (TWA)	Other Limits Recommended	Percent by Weight
1,1,1,2-Tetrafluoroethane	811-97-2	N/A	N/A	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

SECTION 4: FIRST AID MEASURES

First Aid Procedures:

If Inhaled: Move to fresh air. Give oxygen to exposed person, if necessary.

If Swallowed: Not a likely route of exposure

If In Eyes: Flush thoroughly with water for at least 15 minutes.

If On Skin: Wash affected area with soap and water.

Note to Physician: N/A

SECTION 5: FIRE FIGHTING MEASURES

Flash Point (°F) & Method: None

Flammable Limits -

Lower: N/A

Upper: N/A

Extinguishing Media: Carbon dioxide, dry chemical, foam, water spray

Fire & Explosion Hazards: Aerosol cans are under pressure - exposure to temperatures above 120°F can cause bursting or "rocketing" of cans. Firefighters should use self-contained respiratory protection in buildings or confined spaces.

Hazardous Combustion Products: Halogens, carbonyl halides

Flammability Classification: (NFPA) Level 1 Aerosol

SECTION 6: ACCIDENTAL RELEASE MEASURES

In case of spill or accidental release: Use absorbent material to soak up liquid. Place used absorbents into closed DOT-approved containers for disposal.

SECTION 7: HANDLING AND STORAGE

Precautions for Handling and Storage: Shake well before using. Keep away from heat, sparks and open flames. Prolonged exposure to direct sunshine or storage above 120°F may cause can to burst. Do not puncture or incinerate can.

SECTION 8: EXPOSURE CONTROLS, PERSONAL PROTECTION

Respiratory Protection: Not required when used as directed.

Ventilation: General ventilation should be provided.

Protective Gloves: PVA or Neoprene gloves may be used.

Eye Protection: Safety glasses or goggles are recommended.

Other Protective Clothing or Equipment: Not required when used as directed.

Work & Hygienic Practices: Wash hands thoroughly after use.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance & Odor: Clear colorless gas with faint ethereal odor

Boiling Point (°F): - 15

Vapor Pressure @ 70°F: 71 psi

Vapor Density (Air=1): 3.5

Solubility in Water: very slight

% Reportable VOC Content: 0 % [Contains volatile compounds exempted from VOC regulations]

Specific Gravity (H₂O=1): 1.22

Melting Point (°F): - 150

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 aluminum, magnesium, zinc)

Hazardous Decomposition Products: Halogens, carbonyl halides

Hazardous Polymerization: Will not occur

SECTION 11: TOXICOLOGICAL INFORMATION

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

Inhalation: LC₅₀ (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

	Domestic	International
Shipping name:	Consumer Commodity	1,1,1,2-Tetrafluoroethane
Hazard Class:	ORM-D	2.2
UN number:	none	UN3159
Packing Group:	none	none
Hazard Label:	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

Last Revision Date: 6/24/96

Supersedes Date: 7/28/95