Procter & Gamble
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MATERIAL SAFETY DATA SHEET

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SECTION I - CHEMICAL PRODUCT

Identity: **Aerosol Air Refresher**

Brands: **FEBREZE**

Hazard Rating:	Health:	1	4=EXTREME
	Flammability:	2	3=HIGH
	Reactivity:	0	2= MODERATE
			1=SLIGHT

Emergency Telephone Number: 24 hour P&G Operator: 1-800-308-EASY (1-800-308-3279) or call Local Poison Control Center

SECTION II - COMPOSITION AND INGREDIENTS

Ingredients include: water alcohol, odor eliminator derived from corn, fragrance, non-flammable natural propellant, quality control ingredients

CONTENTS UNDER PRESSURE WITH NITROGEN AT 120 PSI

Hazardous Ingredients as defined by OSHA, 29 CFR 1910.1200.

Chemical Name	Common Name	CAS No.	Recommended Limits	Composition Range	LD50/LC50
Ethyl alcohol	Ethanol	64-17-5	ACGIH TLV: 1000 mg/m^3	3-7%	7.06 g/kg Rat, oral

SECTION III - HAZARDS IDENTIFICATION

Health Hazards (Acute and Chronic):

Ingestion: None
Eye Contact: Mild eye irritant.
Inhalation: None

Signs and Symptoms of Exposure:

Ingestion: Possible mild gastrointestinal irritation with nausea, vomiting, and/or diarrhea.
Eye Contact: Do not spray directly toward face. If eye contact occurs, rinse well with water.
Skin: Prolonged skin contact or instillation into the eye may result in transient, superficial effects similar to those produced by mild toilet soap.
Inhalation: Intentional misuse by deliberately concentrating and inhailing pressurized product may be harmful or fatal. Inhalation of high concentrations of ethanol vapor may cause irritation of the eyes and respiratory tract, drowsiness, and fatigue.

SECTION IV - FIRST AID INFORMATION

Emergency and First Aid Procedures:

Inhalation: Remove to fresh air.

Ingestion: Dilute with fluids and treat symptomatically.

Eye Contact: Rinse well with water for at least 15 minutes.

Skin: Rinse with water.

Other:

US Product Package:

Consumer product packages have a caution statement: FRONT PANEL: CAUTION: CONTENTS UNDER PRESSURE. Read back panel carefully. BACK PANEL: **CAUTION**: Intentional misuse by deliberately concentrating and inhailing pressurized product may be harmful or fatal **KEEP OUT OF REACH OF CHILDREN** . Do not spray towards face. If eye contact occurs, rinse well with water. If irritation persits, get medical attention. Do not expose to heat or open flame or store at temperatures above 120 F. Dispose properly. Do not puncture or incinerate container.

Canadian Product Package:

FRONT PANEL: CAUTION: CONTENTS UNDER PRESSURE. BACK PANEL: **CAUTION**: CONTAINER MAY EXPLODE IF HEATED. Do not puncture. Do not burn. Store away from heat. **KEEP OUT OF REACH OF CHILDREN**. Do not spray towards face. If eye contact occurs, rinse well with water.

SECTION V - FIRE FIGHTING INFORMATION

Flash Point (Method Used): >> 55 ^{o} – 58°C / 131-137° F (cc)

Explosive Limits: *LEL:* N/A *UEL*: N/A

Extinguishing Media: Use CO_2, water, or dry chemical.

Special Fire Fighting Procedures:. N/A

Unusual Fire Hazards: N/A

Stability *Unstable*: *Conditions to Avoid*: None

Stable: X

Incompatibility (Materials to Avoid): None known

Hazardous Decomposition/By Products: None known

Hazardous Polymerization: *May Occur*: *Conditions to Avoid*: None

Will Not Occur: X

SECTION VI - ACCIDENTAL RELEASE MEASURES

Personal Precautions: None

Environmental Precautions: DISPOSAL IS TO BE PERFORMED IN COMPLIANCE WITH ALL REGULATIONS. Collect liquid and incinerate. Puncture container and landfill.

Steps To Be Taken in Case Material is Released or Spilled: Use water spray to dilute and/or wash away spills to avoid exposure and to protect persons working to stop/repair leak. Any spills are to be prevented from entering waterways. Sorbents may be used.

SECTION VII - HANDLING AND STORAGE

Precautions To Be Taken in Handling and Storing: Store at room temperature. Avoid temperatures above 43 ^{o}C / 110F

Other Precautions: None

SECTION VIII - EXPOSURE CONTROLS, PERSONAL PROTECTION

Respiratory Protection (Specify Type): No special requirements with casual exposure.

Ventilation *Local Exhaust*: Not necessary. *Special*: None

Mechanical (General): Acceptable *Other*: None

Eye Protection: None required with normal consumer use.

Industrial Setting: If a splash of solution is likely, chemical goggles may be needed.

Protective Gloves: None required with normal consumer use.

Industrial Setting: Minimize skin contact with protective gloves (rubber, neoprene).

Other Protective Equipment: None required with normal use.

Industrial Setting: Use ventilation to minimize exposure to vapor or mist (ethanol).

SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point °F: ~ 100 °C / 212ºF

Vapor Pressure (mm Hg): N/A

Vapor Density (Air=1): N/A

Odor Threshold: N/A

Coefficient of Water/Oil Distribution: N/A

Scooped Density: N/A

Appearance and Odor: Clear liquid. Product is perfumed.

Specific Gravity (H_2O=1): ca. 1

Percent Volatile by Volume (%): ca. 95

Evaporation Rate (nBuOAc=1): N/K

Freezing Point: N/A

pH (1% solution): 4.0-5.0

Solubility in Water: Soluble

Reserve Alkalinity: N/A

SECTION X - STABILITY AND REACTIVITY

Possible Hazardous Reactions/Conditions: None known

Conditions to Avoid: None known

Materials to Avoid: None

Hazardous Decomposition Products: None known

Other Recommendations: None

SECTION XI - TOXICOLOGICAL INFORMATION

LD50 (rats oral): >5000 mg/kg

SECTION XII - ECOLOGICAL INFORMATION

There are no concerns at relevant environmental concentrations. Based on ecotoxicity and fate data for the individual ingredients in this formulation and for similar consumer product formulations, this product is anticipated to be non-hazardous to the environment following consumer usage.

SECTION XIII - DISPOSAL CONSIDERATIONS

Waste Disposal Method: Prodcut is a RCRA hazardous waste (D001 ignitable compressed gas). Expell liquid, collect and incinerate. Puncture container and landfill. For consumer use, dispose of empty containers in the landfill. Disposal is to be performed in compliance with all Federal, Provincial and local regulations.

SECTION XIV - TRANSPORT INFORMATION

Proper shipping name for the product is: **Aerosols, 2.1 UN1950**

For finished packaged product shipped by ground in the US: **ORM-D Consumer Commodity** Finished product container capacity may not exceed 1L for Consumer commodity classification.

For finished packaged product by air: **Consumer commodity, 9 , ID8000** Product container capacity may not exceed 500mL due to flammability.

SECTION XV - ADDITIONAL REGULATORY INFORMATION

All components are listed on the US TSCA Inventory. No components are affected by Significant New Use Rules (SNURs) under TSCA §5.

No components of Febreze are subject to California Proposition 65.

Chemical Name	CERCLA RQ
Ethanol	100 lbs
Hydrochloric Acid	5000 lbs

EPCRA (SARA Title III) Section 313 Toxic Chemical: Hydrochloric Acid 1.0% De Minimis Concentration

All ingredients are CEPA approved for import to Canada by Procter & Gamble. This product has been classified with Hazard Criteria of the Canadian Control Products Regulation (CPR) and this MSDS contains all information required by the Canadian Products Regulation.

SECTION XVI - OTHER INFORMATION

*N/A. - Not Applicable *N/K. - Not Known

The submission of this MSDS may be required by law, but this is not an assertion that the substance is hazardous when used in accordance with proper safety practices and normal handling procedures. Data supplied is for use only in connection with occupational safety and health.

The information contained herein has been compiled from sources considered by Procter & Gamble to be dependable and is accurate to the best of the Company's knowledge. The information relates to the specific material designated herein, and does not relate to the use in combination with any other material or any other process. Procter & Gamble assumed no responsibility for injury to the recipient or third persons, for any damage to any property resulting from misuse of the controlled product.