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Procter & Gamble
Fabric and Home Care Division
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5299 Spring Grove Avenue
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MATERIAL SAFETY DATA SHEET

MSDS #: N99001M
Supersedes: N/A

Issue Date: 11/1/99
Issue Date: N/A

SECTION I - CHEMICAL PRODUCT

Identity: **Fabric Refresher**

Brands: **FEBREZE (All variations including Bounce Refresher Spray)**

Hazard Rating: 1

Health: 1
Flammability: 4=EXTREME
Reactivity: 3=HIGH
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

Hazardous Ingredients as defined by OSHA, 29 CFR 1910.1200.

<u>Chemical Name</u>	<u>Common Name</u>	<u>CAS No.</u>	<u>Recommended Limits</u>	<u>Composition Range</u>	<u>LD50/LC50</u>
Ethyl alcohol	Ethanol	64-17-5	ACGIH TLV: 1000 mg/m ³	3-7%	

SECTION III - HAZARDS IDENTIFICATION

Health Hazards (Acute and Chronic):

Ingestion: N/A

Eye Contact: Mild eye irritant.

Inhalation: N/A

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: 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: Consumer product packages have a caution statement: USE ONLY AS INTENDED. AVOID ACCIDENTS. KEEP OUT OF THE REACH OF CHILDREN. Do not spray directly toward face. If eye contact occurs, rinse well with water.

SECTION V - FIRE FIGHTING INFORMATION

Flash Point (Method Used): >> 150° F (cc)

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

Extinguishing Media: Use CO₂, water, or dry chemical.

Special Fire Fighting Procedures: N/A

Unusual Fire Hazards: N/A

Stability

Unstable:

Conditions to Avoid: None known.

Stable: X

Incompatibility (Materials to Avoid): None known

Hazardous Decomposition/By Products: None known

Hazardous Polymerization: May Occur: Conditions to Avoid: None known.

Will Not Occur: X

SECTION VI - ACCIDENTAL RELEASE MEASURES

Personal Precautions: N/A

Environmental Precautions: DISPOSAL IS TO BE PERFORMED IN COMPLIANCE WITH ALL REGULATIONS. Small (household) quantities may be slowly flushed down sewer with excess water or dispose as liquid scrap. Discard empty container in trash.

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.

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: ~212°F

Specific Gravity (H₂O=1): ca. 1

Vapor Pressure (mm Hg): N/A

Percent Volatile by Volume (%): ca. 95

Vapor Density (Air=1): N/A

Evaporation Rate (nBuOAc=1): N/K

Odor Threshold: N/A

Freezing Point: N/A

Coefficient of Water/Oil Distribution: N/A

pH (1% solution): 4.0-5.0

Scooped Density: N/A

Solubility in Water: Soluble

Appearance and Odor: Clear liquid. Product is perfumed.

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

No concerns at relevant environmental concentrations.

SECTION XIII - DISPOSAL CONSIDERATIONS

Waste Disposal Method: Slowly flush down sewer with excess water or dispose as liquid scrap. Disposal is to be performed in compliance with all Federal, State and local regulations. Discard empty container in trash.

SECTION XIV - TRANSPORT INFORMATION

The finished product is non-hazardous under DOT.

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.

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.

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