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Procter & Gamble  
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# MATERIAL SAFETY DATA SHEET

Supersedes: N/A

Issue Date: 9/00

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## SECTION I - CHEMICAL PRODUCT

Identity: **Concentrated Fabric Refresher**

Brands: **FEBREZE Concentrate (Professional Line)**

Hazard Rating: 3

Health: 1

4=EXTREME

Flammability: 3

3=HIGH

Reactivity: 0

2= MODERATE

1=SLIGHT

Emergency Telephone Number: 24hr P&G Operator - 1-800-332-7787 or call Local Poison Control Center

## SECTION II - COMPOSITION AND INGREDIENTS

Ingredients/Chemical Name: 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 <sup>3</sup>	12-17%	

## 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:** Product package has a caution statement: CAUTION: KEEP OUT OF 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):** ~95°F (cc) **Flammability:** **Explosive Limits:** *LEL:* N/A *UEL:* N/A  
 DOT not-regulated, aqueous solution, 15% ethanol,  
 76% water

**Extinguishing Media:** CO<sub>2</sub>, water, or dry chemical

**Special Fire Fighting Procedures:** Use water to keep fire exposed container cool.

**Unusual Fire Hazards:** Combustible liquid. Product will produce a brief flash but will not support sustained combustion when in contact with open flame above the indicated flash point.

**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 FEDERAL, STATE AND LOCAL REGULATIONS. Small 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 or 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 use.*Industrial Setting:* If splash of solution is likely, chemical goggles may be needed.**Protective Gloves:** None required with normal 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:** ~185°F**Specific Gravity (H<sub>2</sub>O=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 (use dilution):** ~7**Scooped Density:** N/A**Solubility in Water:** Completely**Appearance and Odor:** Clear liquid**Reserve Alkalinity:** N/A

Product is perfumed.

**SECTION X - STABILITY AND REACTIVITY****Possible Hazardous Reactions/Conditions:** None known**Conditions to Avoid:** None**Materials to Avoid:** None**Hazardous Decomposition Products:** None known**Other Recommendations:** None**SECTION XI - TOXICOLOGICAL INFORMATION**

LD50 (rats oral): &gt;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 FEDERAL, STATE AND LOCAL REGULATIONS. Discard empty container in trash.

**SECTION XIV - TRANSPORT INFORMATION**

**DOT Classification:** Febreze is not DOT hazardous.

**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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