



PG-31048

# MATERIAL SAFETY DATA SHEET

Supersedes: N/A

Issue Date: 2/1/00  
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SECTION I - CHEMICAL PRODUCT		
Identity: <b>Fabric Refresher</b>		
Brands: <b>FEBREZE (Professional Line)</b>		
Hazard Rating: 1	Health: 1	4=EXTREME
	Flammability:	3=HIGH
	Reactivity:	2= MODERATE
		1=SLIGHT
Emergency Telephone Number: 24hr P&G Operator - 1-513-983-1100 or call Local Poison Control Center		

SECTION II - COMPOSITION AND INGREDIENTS					
Ingredients/Chemical Name: Water, alcohol, odor eliminator derived from corn, fragrance					
<b>Hazardous Ingredients as defined by OSHA, 29 CFR 1910.1200.</b>					
<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>	3-7%	

SECTION III - HAZARDS IDENTIFICATION	
<b>Health Hazards (Acute and Chronic):</b>	
Ingestion:	N/A
Eye Contact:	Mild eye irritant.
Inhalation:	N/A
<b>Signs and Symptoms of Exposure:</b>	
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 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:** -212°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 (1% solution):** 4.0-5.0

**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): >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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