



The Procter & Gamble Company  
P&G Household Care  
Fabric & Home Care Innovation Center  
5299 Spring Grove Avenue  
Cincinnati, OH 45217-1087

## MATERIAL SAFETY DATA SHEET

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### SECTION I - PRODUCT IDENTIFICATION

**Identity:** FABRIC REFRESHER

**Brands:** P&G PROFESSIONAL FEBREZE DEEP PENETRATING FABRIC REFRESHER-CONCENTRATE

**P&G Telephone Number:** 1-888-4PG-PROLINE (1-888-474-7765) or call Local Poison Control Center or your physician.

**Emergency (24 hour) Telephone Number:** CHEMTREC 1-800-424-9300 U.S. and Canada, or 1-703-527-3887 - for calls originating elsewhere.

### SECTION II - HAZARDS IDENTIFICATION

**Potential Health Hazards (Acute and Chronic):** (See Section 11 for more information)

Ingestion: Mild gastrointestinal irritation. May cause stomach nausea, vomiting and/or diarrhea.

Eye Contact: Mild eye irritant. If eye contact occurs, rinse well with water.

Skin Contact: Prolonged skin contact 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.

**Signs and Symptoms of Exposure:**

Ingestion: Oral ingestion may result in mild gastrointestinal irritation with nausea, vomiting and/or diarrhea.

Eye Contact: May cause mild irritation or burning of eyes. If eye contact occurs, rinse well with water.

Skin Contact: Prolonged skin contact 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.

Medical Conditions Generally Known to be Aggravated by Exposure: N/K

**Potential Environmental Effects:** (See Section 12 for more information)

### SECTION III - COMPOSITION AND INGREDIENTS

Hazardous Ingredients as defined by OSHA, 29 CFR 1910.1200, and/or WHMIS under the HPA:

<u>Chemical Name</u>	<u>Common Name</u>	<u>CAS No.</u>	<u>Composition Range</u>	<u>LD50/LC50</u>
Ethanol	Alcohol	64-17-5	12-17%	N/K

#### SECTION IV – FIRST AID INFORMATION

**First Aid Procedures:**

Ingestion: Rinse mouth with a glassful of water. Do NOT induce vomiting without medical advice. If symptoms persist, seek immediate medical attention.

Eye Contact: Flush immediately with water for 15 minutes; remove contact lenses if applicable. If symptoms persist, seek immediate medical attention.

Skin Contact: Rinse skin with warm water and soap. If symptoms persist, seek immediate medical attention.

Inhalation: Remove to fresh air.

**Note to Physician:** (if applicable)

**Other:** Product package has the following precautionary statement:

FRONT PANEL: **KEEP OUT OF REACH OF CHILDREN.**

BACK/SIDE PANEL: **FLAMMABLE. FUMES MAY CATCH FIRE.** Do not smoke while diluting. Dilute concentrated liquid in a well-ventilated area. Keep away from flames, sparks and any object that sparks.

#### SECTION V - FIRE FIGHTING INFORMATION

**Flash Point (Method Used):** 37.7 °C / 100°F (cc) Although this product has a flashpoint <93°C/200°F (cc), it is an aqueous solution (>50% water & <24% by volume of alcohol) that does not sustain combustion.

**Flammable Properties:**

Upper Flammable Limit: N/K

Lower Flammable Limit: N/K

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

**Auto-ignition Temperature:** N/A

**Hazardous Combustion Products:** N/K

**Explosion Data (Sensitivity to Mechanical Impact):** N/K

**Explosion Data (Sensitivity to Static Discharge):** N/K

**Extinguishing Media:**

Suitable: Water, dry chemical or carbon dioxide (Co2).

Unsuitable: N/K

**Protection of Firefighters:**

Specific Hazards Arising from the Material: Product will produce a brief flash but will not sustain combustion when in contact with open flame above the indicated flashpoint.

Protective Equipment and Precautions for Firefighters: Normal firefighting gear.

## SECTION VI - ACCIDENTAL RELEASE MEASURES

**Personal Precautions:** Use chemical goggles and protective gloves (rubber, neoprene) during spill clean up.

**Environmental Precautions:** DISPOSAL SHOULD BE IN ACCORDANCE WITH FEDERAL, STATE/PROVENCIAL AND LOCAL REGULATIONS. Slowly flush down sewer with excess water or dispose as liquid scrap. Discard empty container in trash. Do not landfill liquids.

**Methods for Containment:** Use water spray to dilute and/or wash away spills to avoid exposure and to protect persons working to stop/repair leak. Slowly flush down sewer with excess water or dispose as liquid scrap.

**Methods for Cleanup:** Use water, dry chemical or carbon dioxide (Co2). Use water spray to dilute and/or wash away spills to avoid exposure and to protect persons working to stop/repair leak. Slowly flush down sewer with excess water or dispose as liquid scrap. Sorbents may be used.

**Other Information:** (if applicable)

## SECTION VII – HANDLING AND STORAGE

**Precautions To Be Taken in Handling:** Do not get this material in contact with eyes and/or skin.

**Precautions To Be Taken in Storage:** Store at room temperature. Keep out of reach of children.

## SECTION VIII - EXPOSURE CONTROLS / PERSONAL PROTECTION

**Exposure Guidelines:**

**Engineering Controls:** N/K

**Personal Protective Equipment (PPE):**

Eye/Face Protection: Chemical goggles may be needed if a splash of solution is likely. Eye wash station recommended.

Skin Protection: Protective gloves (rubber, neoprene) may be needed if a splash of solution is likely.

Respiratory Protection: Use proper ventilation to minimize exposure to vapor or mist (ethanol).

## SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

**Appearance (color, physical form, shape):** clear, colorless liquid

**Flash Point (Method Used):** 37.7 °C / 100°F (cc)  
Although this product has a flashpoint <93°C/200°F (cc), it is an aqueous solution (>50% water & <24% by volume of alcohol) that does not sustain combustion.

**Odor:** mild fragrance

**Reserve Alkalinity:** N/A

**Odor Threshold:** N/A

**Solubility in Water:** 100%

**Physical State:** liquid

**Decomposition Temperature:** N/A

**Vapor Pressure (mm Hg):** N/A

**Evaporation Rate (nBuOAc=1):** N/K

**Vapor Density (Air=1):** ~1.0

**Specific Gravity/Density:** 0.995

**Boiling Point:** N/K

**Melting/Freezing Point:** N/A

**Partition Coefficient (n-octanol/water):** N/A

**pH (neat):** 7.0

**Volatile Organic Compound (VOC):** Product complies with State and Federal regulations for VOC content.

## SECTION X - STABILITY AND REACTIVITY

**Chemical Stability:** Stable at normal conditions.

**Conditions to Avoid:** N/K

**Incompatible Materials:** N/K

**Hazardous Decomposition Products:** N/K

**Possibility of Hazardous Reactions:** N/K

## SECTION XI - TOXICOLOGICAL INFORMATION

The toxicological profile of this product is similar to an aqueous solution of alcohol. Ingestion of this product would produce signs of intoxication similar to consumption of an alcoholic beverage.

**Chronic Effects:** N/K

**Target Organs:** N/K

**Carcinogenicity:** This finished product is not carcinogenic.

NTP: No

IARC: No

## SECTION XII - ECOLOGICAL INFORMATION

The product is intended for dispersive use. Based on ecotoxicity and fate data for the individual ingredients in this specific formulation and for related household cleaning product formulations, this product is expected to be non-hazardous at relevant environmental concentrations.

## SECTION XIII - DISPOSAL CONSIDERATIONS

**Waste Disposal Method:** DISPOSAL IS TO BE PERFORMED IN ACCORDANCE WITH FEDERAL, STATE/PROVINCIAL AND LOCAL REGULATIONS.

*Non-Household Setting (US Federal):* Products covered by this MSDS, in their original form, when disposed as waste, are considered non-hazardous waste according to Federal RCRA regulations (40 CFR 261). Disposal should be in accordance with local, state/provincial and federal regulations. The product waste is not considered RCRA hazardous since it is an aqueous solution (>50% water) that contains <24% by volume of alcohol.

*Non-Household Setting (California):* Hazardous, in accordance with 22 CCR 66261.20 through 22 CCR 66261.24

## SECTION XIV - TRANSPORT INFORMATION

**Ground Transport (US DOT):** Not regulated

**Air Transport (IATA):** Not regulated

**Marine/Water Transport (IMDG):** Not regulated

**SECTION XV - REGULATORY INFORMATION**

**United States:** All intentionally-added components of this product are listed on the US TSCA Inventory.

EPA Registration Number: Not Applicable

SARA 313/302/304/311/312 chemicals: Not Applicable

*California:* This product has been evaluated and does not require warning labeling under California Proposition 65.

California Registration Number: Not Applicable

**State Right-to-Know and CERCLA:**

The following ingredients present in the finished product are listed on state right-to-know lists or state worker exposure lists.

Ingredient	CAS #	Level	CERCLA	State				
				CT	IL	IND	KY	LA
Ethanol	64-17-5	2-7%	RQ=100lb	MASS	MN	NC	NJ	OR
				PA	RI	TX		

**Canada**

All ingredients are CEPA approved for import to Canada by Procter & Gamble. This product has been classified in accordance with the hazard criteria of the Canadian Controlled Products Regulations (CPR) and this MSDS contains all information required by the Controlled Products Regulations.

**SECTION XVI - OTHER INFORMATION**

Perfumes contained within the products covered by this MSDS comply with appropriate IFRA guidance.

P&G Hazard Rating:	Health:	1	4=EXTREME
	Flammability:	3	3=HIGH
	Reactivity:	0	2=MODERATE
			1=SLIGHT
			0=NOT SIGNIFICANT

\*N/A. - Not Applicable

\*N/K. - Not Known

Data supplied is for use only in connection with occupational safety and health.

**DISCLAIMER:** This MSDS is intended to provide a brief summary of our knowledge and guidance regarding the use of this material. The information contained here has been compiled from sources considered by Procter & Gamble to be dependable and is accurate to the best of the Company's knowledge. It is not meant to be an all-inclusive document on worldwide hazard communication regulations.

This information is offered in good faith. Each user of this material needs to evaluate the conditions of use and design the appropriate protective mechanisms to prevent employee exposures, property damage or release to the environment. Procter & Gamble assumed no responsibility for injury to the recipient or third persons, or for any damage to any property resulting from misuse of the product.