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## MATERIAL SAFETY DATA SHEET

MSDS# CTF00003M(1)  
Supersedes: CTF00003M

Issue Date: 11/12/03  
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### SECTION I - CHEMICAL PRODUCT

Identity: **Liquid Fabric Refresher**

Brands: **BOUNCE (All Variations)**

Hazard Rating

Health: 1

4=EXTREME

Flammability: 2

3=HIGH

Reactivity: 0

2= MODERATE

1=SLIGHT

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

### SECTION II - COMPOSITION AND INGREDIENTS

Ingredients/Chemical Name: Contains odor neutralizers, quality control agents, perfume and water.

Hazardous Ingredients as defined by OSHA, 29 CFR 1910.1200.

<u>Chemical Name</u>	<u>CAS. No.</u>	<u>ACGIH-TLV</u>	<u>OSHA PEL</u>	<u>Composition Range</u>	<u>LD50/LC50</u>
Ethyl alcohol	64-17-5	ACGIH TWA=1000 ppm (1880 mg/m3)	1000 ppm (1900 mg/m3)	1-5%	LD50=13 mL/kg (oral, rats) LC50= N/A

## SECTION III - HAZARDS IDENTIFICATION

**Health Hazards (Acute and Chronic):****Ingestion:** None**Eye Contact:** Mild irritant**Skin:** None**Inhalation:** None**Signs and Symptoms of Exposure:****Ingestion:** Possible mild gastrointestinal irritation with transient nausea, vomiting and/or diarrhea.**Eye Contact:** Do not spray directly toward face. If eye contact occurs, rinse well with water. Instillation into the eye may result in transient, superficial effects similar to those produced by mild toilet soap.**Skin:** Prolonged skin contact or 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:****Ingestion:** Dilute with fluids and treat symptomatically.**Eye Contact:** Flush eyes with water.**Skin:** Rinse exposed skin. Remove contaminated clothing and launder before reuse.**Inhalation:** NA**Other:** Consumer product packages have a caution statement: "Use only on fabrics. Avoid accidents. Keep out of reach of children. Do not spray directly toward face. If eye contact occurs, rinse well with water. Safe to use on fabrics in household with pets."

## SECTION V - FIRE FIGHTING INFORMATION

**Flash Point (Method Used):** >>150°F (CC)**Explosive Limits:** LEL: NA UEL: NA**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:** Use chemical goggles and protective gloves (rubber, neoprene) during spill clean-up.

**Environmental Precautions:** Do not landfill this liquid product. Slowly flush down sewer with excess water or dispose of as liquid scrap. Discard empty container in trash. DISPOSAL IS TO BE PERFORMED IN COMPLIANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS.

**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. Prevent spills from entering waterways. Sorbents may be used.

**SECTION VII - HANDLING AND STORAGE**

**Precautions To Be Taken in Handling and Storing:** Store at room temperature in a dry, well ventilated area.

**Other Precautions:** None required.

**SECTION VIII - EXPOSURE CONTROLS, PERSONAL PROTECTION**

**Respiratory Protection (Specify Type):** No special precautions for casual exposure.

**Ventilation**      *Local Exhaust:* Not necessary.      *Special:* None.  
                          *Mechanical (General):* Acceptable.      *Other:* None.

**Eye Protection:** None required for normal consumer use.

*Industrial Setting:* For splash protection use chemical goggles.

**Protective Gloves:** None required for normal consumer use.

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

**Other Protective Equipment:** None required with normal consumer 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):** NK

**Solubility in Water:** Soluble

**Appearance and Odor:** Clear liquid. Product is perfumed

**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 of as liquid scrap. DISPOSAL IS TO BE PERFORMED IN COMPLIANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS. Discard empty container in trash. Do not landfill liquids. This product is not considered a RCRA hazardous waste.

**SECTION XIV - TRANSPORT INFORMATION**

The packaged, non-bulk consumer product is an aqueous solution containing ethanol that has a flashpoint <200F but does not sustain combustion.

**SECTION XV - ADDITIONAL REGULATORY INFORMATION**

All intentionally-added components of Bounce Fabric Refresher are listed on the U.S. TSCA Inventory. No components are affected by Significant New Use Rules (SNURs) under TSCA §5.  
This product does not require warning labeling under California Proposition 65.  
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**

\*NA. - Not Applicable

\*NK. - Not Known

Law may require the submission of this MSDS, 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.