(516210)



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Procter & Gamble Fabric and Home Care Division Ivorydale Technical Center 5299 Spring Grove Avenue Cincinnati, OH 45217-1087

MATERIAL SAFETY DATA SHEET

MSDS #: FH/F/2001/VBVV-53UNHW Issue Date: 12-06-01 Supersedes: N00001M Issue Date: N/A

SECTION I - CHEMICAL PRODUCT

Identity: Laundry Rinse Additive

Brands: FEBREZE LAUNDRY ODOR ELIMINATOR

Hazard Rating: 1 Health: 1 4=EXTREME

Flammability: 3=HIGH

Reactivity: 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, concentrated odor eliminator derived from corn, fragrance

Hazardous Ingredients as defined by OSHA, 29 CFR 1910.1200. Not applicable.

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Chemical	Common	CAS No.	ACGIH TLV	OSHA PEL	Other Limits
Name	<u>Name</u>				Recommended
Hydrochloric	Hydrogen	7647-01-0	7 mg/m ³ (ceiling)	7 mg/m ³ (ceiling)	None Known
Acid	Chloride				

Ethyl alcohol Ethanol 64-17-5 1000 ppm 1000 ppm None Known

SECTION III - HAZARDS IDENTIFICATION

Health Hazards (Acute and Chronic):

Ingestion:

Eye Contact: Mild eye irritant.

Inhalation:

Signs and Symptoms of Exposure:

Ingestion: Possible mild gastrointestinal irritation with nausea, vomiting, and/or diarrhea.

Eye Contact: Possible transient irritation. 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:

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 DIRECTED. KEEP OUT OF

REACH OF CHILDREN. 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

Stable: X

Incompatibility (Materials to Avoid): None known **Hazardous Decomposition/By Products**: None known

Hazardous Polymerization: May Occur: Conditions to Avoid: None

Will Not Occur: X

SECTION VI - ACCIDENTAL RELEASE MEASURES

Personal Precautions:

Environmental Precautions: DISPOSAL IS TO BE PERFORMED IN COMPLIANCE WITH ALL

REGULATIONS. Slowly flush 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.

FEBREZE CLEAN WASH LAUNDRY ADDITIVE MSDS (Continued

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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

Coefficient of Water/Oil Distribution: N/A

Scooped Density: N/A

PH (1% solution): 3.5-5.0

Scooped Density: N/A

Solubility in Water: Soluble

Appearance and Odor: Blue liquid. Product is Reserve Alkalinity: N/A

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 (predicted based on ingredients)

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.

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.

FEBREZE FABRIC REFRESHER MSDS (Continued)

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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.

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.