



MATERIAL SAFETY DATA SHEET

MSDS #: FH/F/2004/VBVV-5YAP6R
 Supersedes: FH/F/2004/VBVV-5WCSJZ

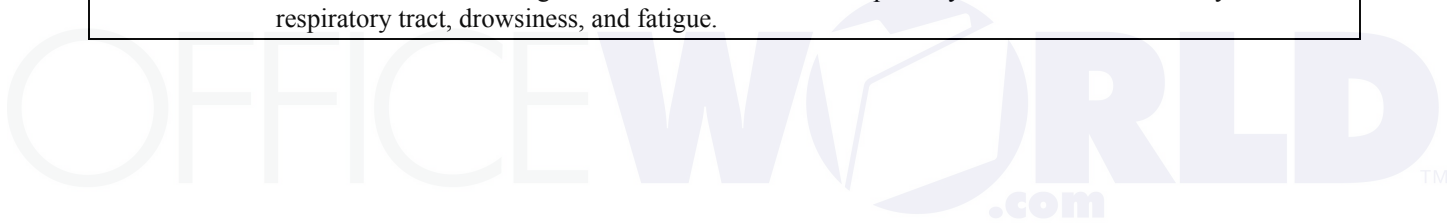
Issue Date: 5/18/04
 Issue Date: 4/13/04

SECTION I - CHEMICAL PRODUCT			
Identity: Aerosol Air Refresher			
Brands: FEBREZE			
Hazard Rating:	Health:	1	4=EXTREME
	Flammability:	2	3=HIGH
	Reactivity:	0	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 alcohol, odor eliminator derived from corn, fragrance, non-flammable natural propellant, quality control ingredients					
CONTENTS UNDER PRESSURE WITH NITROGEN AT 120 PSI					
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 ³	3-7%	7.06 g/kg Rat, oral

SECTION III - HAZARDS IDENTIFICATION	
Health Hazards (Acute and Chronic):	
Ingestion:	None
Eye Contact:	Mild eye irritant.
Inhalation:	None
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:	Intentional misuse by deliberately concentrating and inhaling pressurized product may be harmful or fatal. Inhalation of high concentrations of ethanol vapor may cause irritation of the eyes and respiratory tract, drowsiness, and fatigue.

OfficeWorld.com does not independently verify, and accordingly does not warrant, the accuracy of any information contained in this MSDS.



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:

US Product Package:

Consumer product packages have a caution statement: FRONT PANEL: CAUTION: CONTENTS UNDER PRESSURE. Read back panel carefully. BACK PANEL: CAUTION: Intentional misuse by deliberately concentrating and inhaling pressurized product may be harmful or fatal **KEEP OUT OF REACH OF CHILDREN**. Do not spray towards face. If eye contact occurs, rinse well with water. If irritation persists, get medical attention. Do not expose to heat or open flame or store at temperatures above 120 F. Dispose properly. Do not puncture or incinerate container.

Canadian Product Package:

FRONT PANEL: CAUTION: CONTENTS UNDER PRESSURE. BACK PANEL: CAUTION: CONTAINER MAY EXPLODE IF HEATED. Do not puncture. Do not burn. Store away from heat. **KEEP OUT OF REACH OF CHILDREN**. Do not spray towards face. If eye contact occurs, rinse well with water.

SECTION V - FIRE FIGHTING INFORMATION

Flash Point (Method Used): >> 55 °–58°C / 131-137° 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: None

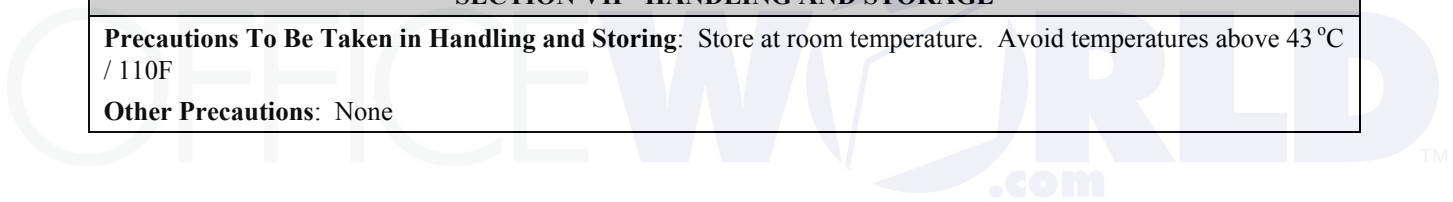
Environmental Precautions: DISPOSAL IS TO BE PERFORMED IN COMPLIANCE WITH ALL REGULATIONS. Collect liquid and incinerate. Puncture container and landfill.

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. Avoid temperatures above 43 °C / 110F

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 (ethanol).

SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point °F: ~ 100 °C / 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

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: Soluble

Appearance and Odor: Clear liquid. Product is perfumed.

Reserve Alkalinity: N/A

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

There are no concerns at relevant environmental concentrations. Based on ecotoxicity and fate data for the individual ingredients in this formulation and for similar consumer product formulations, this product is anticipated to be non-hazardous to the environment following consumer usage.

SECTION XIII - DISPOSAL CONSIDERATIONS

Waste Disposal Method: Product is a RCRA hazardous waste (D001 ignitable compressed gas). Expell liquid, collect and incinerate. Puncture container and landfill. For consumer use, dispose of empty containers in the landfill. Disposal is to be performed in compliance with all Federal, Provincial and local regulations.

