



The Procter & Gamble Company
P&G Household Care
Fabric & Home Care Innovation Center
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MATERIAL SAFETY DATA SHEET

MSDS #: RQ0815016-08
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SECTION I - PRODUCT IDENTIFICATION

Identity: Febreze Flameless Luminaries with Changeable Scented Shades **Finished Product**
Brands/Scent Version(s): Vanilla Frost
P&G Telephone Number: 1-866-695-1857 or call Local Poison Control Center or your physician.

SECTION II - HAZARDS IDENTIFICATION

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

Ingestion: Contents harmful if swallowed. This is expected to be a highly unusual route of exposure for this product. Amounts that may be swallowed as a result of workplace handling are not likely to cause injury.

Eye Contact: Direct contact with fragrance may cause eye irritation.

Skin Contact: Moderately irritating to the skin. Prolonged / repeated direct contact with fragrance oils may result in skin sensitization.

Inhalation: Prolonged high level exposures may cause slight drowsiness, headache and / or mild respiratory tract irritation.

Signs and Symptoms of Exposure:

Ingestion: May cause minor gastrointestinal upset such as vomiting and nausea.

Eye Contact: May cause redness or stinging of eyes.

Skin: Prolonged contact may cause itching or dryness of skin.

Inhalation: May cause mild symptoms of nose or throat irritation or congestion.

Medical Conditions Generally Known to be Aggravated by Exposure: None

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

SECTION III - COMPOSITION AND INGREDIENTS

The fragrance makes up less than 15% by weight of the scented shade. The fragrance contains one or more components at greater than 1% concentration (in the fragrance) which are considered hazardous per OSHA 29 CFR 1910.1200 (See Section VII for applicable exposure limits) and/or WHMIS under the HPA.

Hazardous ingredients in the fragrance 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</u> <u>Range*</u>	<u>LD50/LC50</u>
(2-Methoxymethylethoxy) propanol	Dipropylene Glycol Methyl Ether	34590-94-8	10-20%	5,180 – 5,400 mg/kg (Oral, rat)
Benzyl Acetate	Benzyl Acetate	140-11-4	1-10%	2,490 mg/kg (Oral, rat)
*% by weight of neat fragrance				

SECTION IV – FIRST AID INFORMATION	
First Aid Procedures:	
Ingestion:	If ingested, do not induce vomiting. Call a physician or local Poison Control Center ASAP.
Eye Contact:	Immediately flush eyes with water for at least 15 minutes. Call a physician, if symptoms persist.
Skin:	Remove any contaminated clothing or shoes. Thoroughly wash affected areas with soap and water. Flush with large quantities of water. If irritation develops or persists, call a physician.
Inhalation:	If exposed to excessive levels, get fresh air. If symptoms persist, contact a physician
Note to Physician: (if applicable)	
Other: Consumer product package has the following precautionary statement:	
CAUTION: EYE IRRITANT. Contains fragrance oils. Avoid contact with eyes. Wash hands after handling shades. If eye contact occurs, rinse with plenty of water for 20 minutes. If eye irritation persists, consult a physician. KEEP OUT OF REACH OF CHILDREN & PETS. This product is not a toy. Avoid open flames.	

SECTION V - FIRE FIGHTING INFORMATION	
Flash Point and Method Used: For the neat fragrance: 213°F (101°C) - Closed Cup	
Flammable Properties:	
Upper Flammable Limit: unknown	
Lower Flammable Limit: unknown	
Explosive Limits:	UEL: unknown LEL: unknown
Auto-ignition Temperature: Unknown	
Hazardous Combustion Products: Unknown	
Explosion Data (Sensitivity to Mechanical Impact): NA	
Explosion Data (Sensitivity to Static Discharge): NA	
Extinguishing Media:	
Suitable: Use dry chemical, carbon dioxide, water spray or regular foam.	
Unsuitable: None known.	
Protection of Firefighters:	
Specific Hazards Arising from the Material: No special hazards known.	
Protective Equipment and Precautions for Firefighters: Normal fire-fighting gear.	

SECTION VI - ACCIDENTAL RELEASE MEASURES	
Personal Precautions: Avoid contact of fragrance with skin and eyes. Wear rubber gloves. Provide maximum ventilation in the area of the spill to disperse vapors.	
Environmental Precautions: DISPOSAL IS TO BE PERFORMED IN COMPLIANCE WITH ALL FEDERAL, STATE, PROVINCIAL AND LOCAL REGULATIONS. Contain all spills.	
Methods for Containment: No special methods needed.	
Methods for Cleanup: Sweep up and place in suitable, clean dry containers for reclamation or disposal.	
Other Information: N/A	

SECTION VII – HANDLING AND STORAGE

Precautions To Be Taken in Handling: Do not use around open flame.

Precautions To Be Taken in Storage: Store in cool dry place with adequate ventilation.

SECTION VIII - EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines:

Ingredient	Exposure Limit Type*	Exposure Limit	Regulatory Agency
(2-Methoxymethylethoxy) propanol	TWA	100 ppm (600 mg/m ³)	ACGIH
	STEL	150 ppm (900 mg/m ³)	ACGIH
	PEL	100 ppm (600 mg/m ³)	OSHA
Benzyl Acetate	TWA	10 ppm (61 mg/m ³)	ACGIH

Engineering Controls: Workplace should have sufficient general ventilation to disperse vapors in the event of a spill of the contents of this product.

Personal Protective Equipment (PPE):

Eye/Face Protection: None required for normal consumer use. Avoid contact with eyes. Wash hands after handling shades. If eye contact occurs, rinse with plenty of water for 20 minutes.

Industrial setting: If a splash of solution is likely, chemical goggles may be needed.

Skin Protection: None required for normal consumer use.

Industrial setting: Minimize skin contact with protective gloves (rubber or neoprene).

Respiratory Protection: None required with normal consumer use.

Industrial setting: Use ventilation to minimize exposure to fragrance vapors. Prolonged exposure to high vapor concentrations may require respiratory protection as approved by local regulatory agencies (e.g., NIOSH) for organic vapors.

SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

Appearance (color, physical form, shape):

Unprinted and printed shades impregnated with fragrance.

Odor: High perfume odor

Odor Threshold: NK

Physical State: Unprinted and printed shades impregnated with fragrance.

Vapor Pressure (mm Hg) of Fragrance: Below 2 mm Hg

Vapor Density (Air=1): NK

Boiling Point: NK

Partition Coefficient (n-octanol/water): NK

Volatile Organic Compound (VOC): Not applicable - Product not regulated for VOC Content at State or Federal level.

Flash Point (Method Used):

For the neat fragrance: 213°F (101°C) - Closed Cup

Reserve Alkalinity: N/A

Solubility in Water: NK

Decomposition Temperature: NK

Evaporation Rate (nBuOAc=1): NK

Specific Gravity/Density: NK

Melting/Freezing Point: NK

pH (100% solution): N/A

SECTION X - STABILITY AND REACTIVITY

Chemical Stability: Stable under ambient conditions. Does not undergo violent exothermic reactions at elevated temperatures or pressures.

Conditions to Avoid: Avoid ignition sources and open flames

Incompatible Materials: Avoid contact with strong oxidizers.

Hazardous Decomposition Products: When exposed to fire, produces carbon monoxide and other products of combustion.

Possibility of Hazardous Reactions: None known.

SECTION XI - TOXICOLOGICAL INFORMATION

The fragrance used in these scented shades is a mixture of materials carefully formulated to comply with the International Fragrance Association (IFRA) and Procter & Gamble guidelines regarding their safe use in consumer products. The health hazards and precautions described herein are based on the toxicity of individual components, and testing of this or similar mixtures. This perfume is expected to be very low in oral and dermal toxicity. If exposed to high concentrations, transient eye, skin and respiratory irritation may occur.

Chronic Effects: No chronic health effects reported.

Target Organs: No target organs reported.

Carcinogenicity: This finished consumer product is not carcinogenic.

NTP: No

IARC: No

SECTION XII - ECOLOGICAL INFORMATION

This product is compatible with municipal solid waste systems and will not pose a hazard to the environment when the waste is properly handled.

SECTION XIII - DISPOSAL CONSIDERATIONS

Waste Disposal Method: Disposal is to be performed in compliance with federal, state/provincial and local regulations.

Non-Household Setting (US Federal):

Product covered by this MSDS, in their original form, when disposed as waste, are considered non hazardous waste according to the federal RCRA Regulation (40CFR261). Disposal should be in accordance with the local, state and federal regulations.

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

Household Use: Product used in household may be disposed of in refuse.

SECTION XIV - TRANSPORT INFORMATION

Ground Transport (US DOT): Products covered by this MSDS, in their original form, are not regulated for transportation.

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: None.

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 fragrance of this finished product (fragrance makes up < 15% by weight of the scented shade) are listed on state right-to-know lists or state worker exposure lists:

Ingredient	CAS #	Conc. in fragrance*	CERCLA RQ	State				
				IL	MA	NJ	PA	RI
(2-Methoxymethylethoxy) propanol	34590-94-8	10-20%	-	X	X	X	X	X

*Fragrance is < 15% by weight of the scented shade.

Canada

All components are CEPA approved for import to Canada by Procter & Gamble Inc. 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: 2	3=HIGH
	Reactivity: 1	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.