

SAFETY DATA SHEET



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Version 1

1. IDENTIFICATION

Product Name Febreze PLUGS Spring & Renewal (1 of 2)

Product Identifier 91309456_RET_NG

Product Type: Finished Product - Consumer (Retail) Use Only

Recommended Use Air freshener.

Restrictions on Use Use only as directed on label.

Synonyms 91244531

Details of the supplier of the safety data sheet PROCTER & GAMBLE - Fabric and Home Care Division
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2. HAZARD IDENTIFICATION

"Consumer Products", as defined by the US Consumer Product Safety Act and which are used as intended (typical consumer duration and frequency), are exempt from the OSHA Hazard Communication Standard (29 CFR 1910.1200). This SDS is being provided as a courtesy to help assist in the safe handling and proper use of the product.

This product is classified under 29CFR 1910.1200(d) and the Canadian Hazardous Products Regulation as follows:

Hazard Category

Skin corrosion/irritation Category 2
Eye Damage / Irritation Category 2A
Skin sensitization Category 1
Flammable Liquids Category 4

Signal Word WARNING

Hazard Statements Causes serious eye irritation
Causes skin irritation
May cause an allergic skin reaction

Combustible liquid

Combustible liquid

Hazard pictograms



Precautionary Statements

Wash hands thoroughly after handling
 Keep away from heat/sparks/open flames/hot surfaces. — No smoking
 Keep container tightly closed

Precautionary Statements - Response

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
 If eye irritation persists: Get medical advice/attention
 IF SWALLOWED: Rinse mouth. DO NOT induce vomiting
 Drink 1 or 2 glasses of water
 IF ON SKIN: Wash with plenty of soap and water
 Take off contaminated clothing and wash before re-use
 If skin irritation or rash occurs: Get medical advice/attention
 In case of fire: Use water, CO₂, dry chemical, or foam for extinction

Precautionary Statements - Storage Store in a well-ventilated place. Keep cool

Precautionary Statements - Disposal None

Hazards not otherwise classified (HNOC) None

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients are listed according to 29CFR 1910.1200 Appendix D and the Canadian Hazardous Products Regulation

Chemical Name	Synonyms	Trade Secret	CAS-No	Weight %
PPG-2 Methyl Ether	PPG-2 Methyl Ether	No	34590-94-8	30 - 35
Linalool	1,6-Octadien-3-ol, 3,7-dimethyl-	No	78-70-6	10 - 15
Trimethylhexyl Acetate	1-Hexanol, 3,5,5-trimethyl-, 1-acetate	No	58430-94-7	10 - 15
Benzyl Acetate	Acetic acid, phenylmethyl ester	No	140-11-4	1 - 5
Amyl Cinnamal	Amyl Cinnamal	No	122-40-7	1 - 5
Citronellol	6-Octen-1-ol, 3,7-dimethyl-	No	106-22-9	1 - 5
Geranyl acetate	2,6-Octadien-1-ol, 3,7-dimethyl-, 1-acetate, (2E)-	No	105-87-3	1 - 5
Ethyl methylphenylglycidate	2-Oxiranecarboxylic acid, 3-methyl-3-phenyl-, ethyl ester	No	77-83-8	1 - 5
Amyl Acetate	Acetic acid, pentyl ester	No	628-63-7	0.5 - 1.5
Limonene	D-Limonene	No	5989-27-5	0.5 - 1.5
Citral	2,6-Octadienal, 3,7-dimethyl-	No	5392-40-5	0.5 - 1.5
2,4-Dimethyl-3-Cyclohexene	3-Cyclohexene-1-carbox	No	68039-49-6	0.5 - 1.5

Carboxaldehyde	aldehyde, 2,4-dimethyl-			
Cyclamen Aldehyde	Cyclamen Aldehyde	No	103-95-7	0.5 - 1.5
Alpha-Damascone	alpha-Damascone	No	23726-94-5	0.1 - 1.0
Delta-Damascone	delta Damascone	No	57378-68-4	0.1 - 1.0
beta-Pinene	beta-Pinene	No	127-91-3	0.1 - 1.0

4. FIRST AID MEASURES

First aid measures for different exposure routes

Eye contact	Rinse with plenty of water. Get medical attention immediately if irritation persists.
Skin contact	Rinse with plenty of water. Get medical attention if irritation develops and persists.
Ingestion	Drink 1 or 2 glasses of water. Do NOT induce vomiting. Get medical attention immediately if symptoms occur.
Inhalation	Move to fresh air. If symptoms persist, call a physician.
Most important symptoms/effects, acute and delayed	None under normal use conditions.

Indication of immediate medical attention and special treatment needed, if necessary

Notes to Physician Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media	In case of fire: Use water, CO2, dry chemical, or foam for extinction.
Unsuitable Extinguishing Media	Do not use a solid water stream as it may scatter and spread fire.
Special hazard	Combustible liquid.
Special protective equipment for fire-fighters	As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.
Specific hazards arising from the chemical	None.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions Use personal protective equipment. Do not get in eyes, on skin, or on clothing.

Advice for emergency responders Use personal protective equipment as required.

Methods and materials for containment and cleaning up

Methods for containment Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal.

Methods for cleaning up Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13).

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling

Keep away from open flames, hot surfaces and sources of ignition. Use personal protective equipment as required. Keep container closed when not in use. Never return spills in original containers for re-use. Keep out of the reach of children.

Conditions for safe storage, including any incompatibilities

Storage Conditions

Store in a cool/low-temperature, well-ventilated, dry place away from heat and ignition sources.

Incompatible products

None known.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Guidelines

Chemical Name	CAS-No	ACGIH TLV	OSHA PEL	Mexico PEL
PPG-2 Methyl Ether	34590-94-8	STEL: 150 ppm TWA: 100 ppm S*	TWA: 100 ppm TWA: 600 mg/m ³ (vacated) TWA: 100 ppm (vacated) TWA: 600 mg/m ³ (vacated) STEL: 150 ppm (vacated) STEL: 900 mg/m ³ S*	Mexico: TWA 100 ppm Mexico: TWA 60 mg/m ³ Mexico: STEL 150 ppm Mexico: STEL 900 mg/m ³
Benzyl Acetate	140-11-4	TWA: 10 ppm		
Amyl Acetate	628-63-7	STEL: 100 ppm TWA: 50 ppm	TWA: 100 ppm TWA: 525 mg/m ³ (vacated) TWA: 100 ppm (vacated) TWA: 525 mg/m ³	Mexico: TWA 100 ppm Mexico: TWA 530 mg/m ³ Mexico: STEL 150 ppm Mexico: STEL 800 mg/m ³
Citral	5392-40-5	TWA: 5 ppm inhalable fraction and vapor S*		
beta-Pinene	127-91-3	TWA: 20 ppm		

Chemical Name	CAS-No	Alberta	Quebec	Ontario TWAEV	British Columbia
PPG-2 Methyl Ether	34590-94-8	TWA: 100 ppm TWA: 606 mg/m ³ STEL: 150 ppm STEL: 909 mg/m ³ Skin	TWA: 100 ppm TWA: 606 mg/m ³ STEL: 150 ppm STEL: 909 mg/m ³ Skin	TWA: 100 ppm STEL: 150 ppm Skin	TWA: 100 ppm STEL: 150 ppm Skin
Benzyl Acetate	140-11-4	TWA: 10 ppm TWA: 61 mg/m ³		TWA: 10 ppm	TWA: 10 ppm
Amyl Acetate	628-63-7	TWA: 50 ppm TWA: 266 mg/m ³ STEL: 100 ppm STEL: 532 mg/m ³	TWA: 50 ppm TWA: 266 mg/m ³ STEL: 100 ppm STEL: 532 mg/m ³	TWA: 50 ppm STEL: 100 ppm	TWA: 50 ppm STEL: 100 ppm
Citral	5392-40-5			TWA: 5 ppm Skin	
beta-Pinene	127-91-3	TWA: 20 ppm TWA: 111 mg/m ³	TWA: 20 ppm TWA: 112 mg/m ³	TWA: 20 ppm	TWA: 20 ppm Sensitizer

No relevant exposure guidelines for other ingredients

Exposure controls

Engineering Measures

Distribution, Workplace and Household Settings:
Ensure adequate ventilation

Product Manufacturing Plant (needed at Product-Producing Plant ONLY):
Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction

Personal Protective Equipment

Eye Protection

Distribution, Workplace and Household Settings:
No special protective equipment required

Product Manufacturing Plant (needed at Product-Producing Plant ONLY):
Use appropriate eye protection

Hand Protection

Distribution, Workplace and Household Settings:
For sensitive skin or prolonged use, wear gloves

Product Manufacturing Plant (needed at Product-Producing Plant ONLY):
Protective gloves

Skin and Body Protection

Distribution, Workplace and Household Settings:
No special protective equipment required

Product Manufacturing Plant (needed at Product-Producing Plant ONLY):
Wear suitable protective clothing

Respiratory Protection

Distribution, Workplace and Household Settings:
No special protective equipment required

Product Manufacturing Plant (needed at Product-Producing Plant ONLY):
In case of inadequate ventilation wear respiratory protection

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State @20°C
Appearance
Odor
Odor threshold

Liquid
colorless to light yellow
Fruity, Floral, Berry, Woody
No information available

Property
pH value
Melting/freezing point
Boiling point / boiling range
Flash point
Evaporation rate
Flammability (solid, gas)
Flammability Limits in Air
Upper flammability limit
Lower Flammability Limit
Vapor pressure
Vapor density
Relative density
Water solubility
Partition coefficient: n-octanol/water
Autoignition temperature
Decomposition temperature
Viscosity of Product
VOC Content (%)

Values
Not determined
No information available
No information available
67.8 °C / 154 °F
No information available
No information available
No information available
No information available
No information available
No information available
No information available
No information available
No information available
No information available
No information available
No information available
No information available
Products comply with US state and federal regulations for VOC content in consumer products.

Note

Closed cup.

10. STABILITY AND REACTIVITY

Reactivity	None under normal use conditions.
Stability	Stable under normal conditions.
Hazardous polymerization	Hazardous polymerization does not occur.
Hazardous Reactions	None under normal processing.
Conditions to Avoid	Keep away from open flames, hot surfaces and sources of ignition.
Incompatible Materials	None in particular.
Hazardous Decomposition Products	None under normal use conditions.

11. TOXICOLOGICAL INFORMATION

Product Information

Information on likely routes of exposure

Inhalation	No known effect.
Skin contact	Irritating to skin. May cause sensitization by skin contact.
Ingestion	No known effect.
Eye contact	Causes serious eye irritation.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Acute toxicity	No known effect.
Skin corrosion/irritation	Irritating to skin.
Serious eye damage/eye irritation	Causes serious eye irritation.
Skin sensitization	May cause sensitization by skin contact.
Respiratory sensitization	No known effect.
Germ cell mutagenicity	No known effect.
Neurological Effects	No known effect.
Reproductive toxicity	No known effect.
Developmental toxicity	No known effect.
Teratogenicity	No known effect.
STOT - single exposure	No known effect.
STOT - repeated exposure	No known effect.
Target Organ Effects	No known effect.
Aspiration hazard	No known effect.
Carcinogenicity	No known effect.

Component Information

Chemical Name	CAS-No	Oral LD50	Dermal LD50	Inhalation LC50
Linalool	78-70-6	2790 mg/kg bodyweight (rat)	-	-
Citronellol	106-22-9	3450 mg/kg bodyweight (rat)	2650 mg/kg bodyweight (rabbit)	-
Ethyl methylphenylglycidate	77-83-8	//	//	//
Citral	5392-40-5	6800 mg/kg bw	> 2000 mg/kg bw	-
Cyclamen Aldehyde	103-95-7	//	//	//
Alpha-Damascone	23726-94-5	1670 mg/kg (rat)	-	-
Delta-Damascone	57378-68-4	1400 mg/kg (rat)	-	-

12. ECOLOGICAL INFORMATION

Ecotoxicity

Hazardous to the Aquatic Environment.

Persistence and degradability No information available.
Bioaccumulative potential No information available.
Mobility No information available.
Other adverse effects No information available.

13. DISPOSAL CONSIDERATIONS

Waste treatment

Waste from Residues / Unused Products Disposal should be in accordance with applicable regional, national and local laws and regulations.
Contaminated packaging Disposal should be in accordance with applicable regional, national and local laws and regulations.
California Hazardous Waste Codes (non-household setting) 331

14. TRANSPORT INFORMATION

DOT Not regulated

IMDG

UN Number UN3082
UN Proper shipping name Description ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. UN3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Trimethylhexyl Acetate, Tricyclodecanyl Propionate), 9, III, Marine pollutant
Transport hazard class(es) 9
Packing Group III
Special precautions for user 274, 335, 969
EmS-No F-A, S-F

IATA

UN no UN3082
UN Proper shipping name Description Environmentally hazardous substance, liquid, n.o.s. UN3082, Environmentally hazardous substance, liquid, n.o.s. (Trimethylhexyl Acetate, Tricyclodecanyl Propionate), 9, III
Hazard Class 9
Packing Group III
ERG Code 9L
IATA comment .

15. REGULATORY INFORMATION

U.S. Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

CERCLA

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302):.

Chemical Name	CAS-No	Hazardous	Extremely Hazardous	CERCLA/SARA 302
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		Substances RQs	Substances RQs	TPQ
Amyl Acetate	628-63-7	5000 lb	-	

Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)

This product does not contain any substances regulated as hazardous air pollutants (HAPS) under Section 112 of the Clean Air Act Amendments of 1990.

Clean Water Act

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42):.

Chemical Name	CAS-No	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Amyl Acetate	628-63-7	5000 lb	-	-	X

California Proposition 65

This product is not subject to warning labeling under California Proposition 65.

U.S. State Regulations (RTK)

Chemical Name	CAS-No	New Jersey
PPG-2 Methyl Ether	34590-94-8	X
Benzyl Acetate	140-11-4	X
Amyl Acetate	628-63-7	X

Chemical Name	CAS-No	Massachusetts
PPG-2 Methyl Ether	34590-94-8	X
Amyl Acetate	628-63-7	X

Chemical Name	CAS-No	Pennsylvania
PPG-2 Methyl Ether	34590-94-8	X
Dipropylene Glycol	25265-71-8	X
Amyl Acetate	628-63-7	X
Benzyl alcohol	100-51-6	X

International Inventories**United States**

All intentionally-added components of this product(s) are listed on the US TSCA Inventory.

Canada

This product is in compliance with CEPA for import by P&G.

Legend

United States Toxic Substances Control Act Section 8(b) Inventory (TSCA)

CEPA - Canadian Environmental Protection Act

16. OTHER INFORMATION

Issuing Date: 05-Apr-2017

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Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation,

disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text

End of SDS