

SAFETY DATA SHEET



Issuing Date: 25-Jan-2018

Revision Date: 10-Nov-2022

Revision Number 2

1. IDENTIFICATION

Product Name	Febreze PLUGS Linen & Sky (2 of 2)
Product Identifier	91598021_A_RET_NG
Product Type:	Finished Product - Retail
Recommended use	Air freshener.
Restrictions on use	Use only as directed on label.
Synonyms	91258034
Details of the supplier of the safety data sheet	PROCTER & GAMBLE - Fabric and Home Care Division Ivorydale Technical Centre 5289 Spring Grove Avenue Cincinnati, Ohio 45217-1087 USA Procter & Gamble Inc. P.O. Box 355, Station A Toronto, ON M5W 1C5 1-800-331-3774
E-mail Address	pgsds.im@pg.com
Emergency Telephone	Transportation (24 HR) CHEMTREC - 1-800-424-9300 (U.S./ Canada) or 1-703-527-3887 Mexico toll free in country: 800-681-9531

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 2
Skin sensitization	Category 1
Flammable liquids	Category 4
Signal word	Warning
Hazard statements	Causes skin irritation Causes serious eye irritation May cause an allergic skin reaction
Physical hazards	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 water and soap
 Take off contaminated clothing and wash before reuse
 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.

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-%
Linalool	Linalool	No	78-70-6	15 - 20
PPG-2 Methyl Ether	PPG-2 Methyl Ether	No	34590-94-8	10 - 15
2-T-Butylcyclohexyl Acetate	cis-2-tert-Butylcyclohexyl acetate	No	20298-69-5	10 - 15
2,6-Dimethyl-7-Octen-2-ol	2,6-Dimethyl-7-octen-2-ol	No	18479-58-8	10 - 15
Verdyl Acetate	3a,4,5,6,7,7a-hexahydro-4,7-methano-1H-indenyl acetate	No	5413-60-5	10 - 15
Isobutyl Methyl Tetrahydropyranol	Florol	No	63500-71-0	5 - 10
Benzyl Acetate	Benzyl Acetate	No	140-11-4	1 - 5
Linalyl acetate	Linalyl Acetate	No	115-95-7	0.5 - 1.5
Cyclamen Aldehyde	Cyclamen Aldehyde	No	103-95-7	0.5 - 1.5
Limonene	D-Limonene	No	5989-27-5	0.5 - 1.5
Hydroxycitronellal	Hydroxycitronellal	No	107-75-5	0.5 - 1.5
Pentamethylheptenone	3,4,5,6,6-Pentamethylhept-3-en-2-one	No	81786-74-5	0.5 - 1.5
Alpha-Isomethyl Ionone	Isomethyl Alpha Ionone	No	127-51-5	0.5 - 1.5
Pentamethyl Octahydroindenodioxane	Indeno	No	365411-50-3	0.1 - 1.0
Methylenedioxyphenyl Methylpropanal	Helional	No	1205-17-0	0.1 - 1.0
2,4-Dimethyl-3-Cyclohexene Carboxaldehyde	2,4-Dimethyl-3-cyclohexene Carboxaldehyde	No	68039-49-6	0.1 - 1.0
Lauraldehyde	Dodecanal	No	112-54-9	0.1 - 1.0
Heliotropine	Heliotropine	No	120-57-0	0.1 - 1.0
Citronellol	Citronellol	No	106-22-9	0.1 - 1.0

beta-Pinene	beta-Pinene	No	127-91-3	0.1 - 1.0
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Additional information Actual substance concentrations fall within the ranges stated. Maximum values do not necessarily represent the values present in the formula.

4. FIRST AID MEASURES

Description of first aid measures

Eye contact Rinse with plenty of water. Get medical attention immediately if irritation persists.

Skin contact Rinse with plenty of water. Call a physician 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 May cause sensitization by skin contact

Indication of any immediate medical attention and special treatment needed

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 as required. Do not get in eyes, on skin, or on clothing.

Advice for emergency responders Use personal protective equipment as required.

Environmental precautions Should not be released into the environment

Methods and material 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 No exposure limits noted for ingredient(s).

No relevant exposure guidelines for other ingredients

Appropriate engineering 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	Liquid	
Appearance	colorless Pale yellow	
Odor	characteristic	
Odor threshold	No information available	
<u>Property</u>	<u>Values</u>	<u>Remarks</u>
pH	No information available	
Melting point / freezing point	No information available	
Initial boiling point and boiling range	No information available	
Flash point	79 °C / 174.2 °F	Closed cup.
Evaporation rate	No information available	
Flammability	No information available	
Flammability Limit in Air		
Upper flammability or explosive limits	No information available	
Lower flammability or explosive limits	No information available	
Vapor pressure	No information available	
Relative vapor density	No information available	
Relative density	No information available	
Water solubility	No information available	
Partition coefficient	No information available	
Autoignition temperature	No information available	
Decomposition temperature	No information available	
Viscosity	No information available	
VOC Content (%)	Products comply with US state and federal regulations for VOC content in consumer products.	

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.
Reproductive toxicity	No known effect.
Developmental toxicity	No known effect.
STOT - single exposure	No known effect.
STOT - repeated exposure	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)	5610 mg/kg (rabbit)	21 mg/l/4h (rat)
PPG-2 Methyl Ether	34590-94-8	5001 mg/kg (rat)	9510 mg/kg (rabbit)	-
2-T-Butylcyclohexyl Acetate	20298-69-5	4600 mg/kg (rat)	5001 mg/kg (rabbit)	-
2,6-Dimethyl-7-Octen-2-ol	18479-58-8	3020 mg/kg (rat)	> 5 g/kg (Rabbit)	-
Verdyl Acetate	5413-60-5	3000 mg/kg bodyweight (rat)	5001 mg/kg (rabbit)	-
Isobutyl Methyl Tetrahydropyranol	63500-71-0	-	> 2000 mg/kg (Rabbit)	-
Benzyl Acetate	140-11-4	4999 mg/kg (rat)	5001 mg/kg (rabbit)	-
Linalyl acetate	115-95-7	9001 mg/kg (rat)	5001 mg/kg (rat)	-
Cyclamen Aldehyde	103-95-7	4999 mg/kg (rat)	5001 mg/kg (rat)	-
Limonene	5989-27-5	5001 mg/kg (rat)	5001 mg/kg (rabbit)	-
Hydroxycitronellal	107-75-5	6401 mg/kg (rat)	5001 mg/kg (rabbit)	-
Alpha-Isomethyl Ionone	127-51-5	5001 mg/kg (rat)	5001 mg/kg (rabbit)	-
Pentamethyl Octahydroindenodioxane	365411-50-3	-	> 2000 mg/kg (Rat)	-
Methylenedioxyphenyl Methylpropanal	1205-17-0	3363 mg/kg (rat)	5001 mg/kg (rabbit)	-
2,4-Dimethyl-3-Cyclohexene Carboxaldehyde	68039-49-6	-	5000 mg/kg (rabbit)	-
Heliotropine	120-57-0	2700 mg/kg (rat)	5001 mg/kg (rat)	-
Lauraldehyde	112-54-9	//	//	//
Citronellol	106-22-9	3450 mg/kg bodyweight (rat)	2650 mg/kg bodyweight (rabbit)	-
beta-Pinene	127-91-3	> 5000 mg/kg (Rat)	> 5000 mg/kg (Rabbit)	-

12. ECOLOGICAL INFORMATION**ecotoxicity**

The product is not expected to be hazardous to the 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**Disposal methods**

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 331
(non-household setting)

14. TRANSPORT INFORMATION

DOT Not regulated

IMDG Not regulated

IATA Not regulated

15. REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

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 does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

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

Chemical name	CAS No	Massachusetts
PPG-2 Methyl Ether	34590-94-8	X

Chemical name	CAS No	Pennsylvania
PPG-2 Methyl Ether	34590-94-8	X

California Proposition 65

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

International Inventories

Precautionary Statements - Storage

Keep in a dry place

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

HMIS

NFPA

Issuing Date: 25-Jan-2018

Revision Date: 10-Nov-2022

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 Safety Data Sheet

SAFETY DATA SHEET



Issuing Date: 25-Jan-2018

Revision Date: 10-Nov-2022

Revision Number 2

1. IDENTIFICATION

Product Name	Febreze PLUGS Linen & Sky (1 of 2)
Product Identifier	91598021_RET_NG
Product Type:	Finished Product - Retail
Recommended use	Air freshener.
Restrictions on use	Use only as directed on label.
Synonyms	91244205
Details of the supplier of the safety data sheet	PROCTER & GAMBLE - Fabric and Home Care Division Ivorydale Technical Centre 5289 Spring Grove Avenue Cincinnati, Ohio 45217-1087 USA Procter & Gamble Inc. P.O. Box 355, Station A Toronto, ON M5W 1C5 1-800-331-3774
E-mail Address	pgsds.im@pg.com
Emergency Telephone	Transportation (24 HR) CHEMTREC - 1-800-424-9300 (U.S./ Canada) or 1-703-527-3887 Mexico toll free in country: 800-681-9531

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 2
Skin sensitization	Category 1
Flammable liquids	Category 4
Signal word	Warning
Hazard statements	Causes skin irritation Causes serious eye irritation May cause an allergic skin reaction
Physical hazards	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 water and soap
 Take off contaminated clothing and wash before reuse
 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.

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-%
2,6-Dimethyl-7-Octen-2-ol	2,6-Dimethyl-7-octen-2-ol	No	18479-58-8	20 - 25
Benzyl Acetate	Benzyl Acetate	No	140-11-4	15 - 20
Verdyl Acetate	3a,4,5,6,7,7a-hexahydro-4,7-methano-1H-indenyl acetate	No	5413-60-5	10 - 15
PPG-3 Methyl Ether	PPG-3 Methyl Ether	No	25498-49-1	5 - 10
2-t-Butylcyclohexyl Acetate	2-t-Butylcyclohexyl Acetate	No	88-41-5	5 - 10
Linalool	Linalool	No	78-70-6	5 - 10
PPG-2 Methyl Ether	PPG-2 Methyl Ether	No	34590-94-8	5 - 10
4-tert-Butylcyclohexyl acetate	Vertenex	No	32210-23-4	5 - 10
Amyl Cinnamal	Amyl Cinnamal	No	122-40-7	1 - 5
Isoamyl Allylglycolate	Allyl Amyl Glycolate	No	67634-00-8	1 - 5
Cyclamen Aldehyde	Cyclamen Aldehyde	No	103-95-7	0.5 - 1.5
Coumarin	Coumarin	No	91-64-5	0.5 - 1.5
Eucalyptol	Eucalyptol	No	470-82-6	0.5 - 1.5
Citronellol	Citronellol	No	106-22-9	0.1 - 1.0
Citral	citral	No	5392-40-5	0.1 - 1.0
Hydroxycitronellal	Hydroxycitronellal	No	107-75-5	0.1 - 1.0
Alpha-Isomethyl Ionone	Isomethyl Alpha Ionone	No	127-51-5	0.1 - 1.0
Delta-Damascone	delta Damascone	No	57378-68-4	0.1 - 1.0
1-(3-Methyl-2-benzofuranyl)-ethanone	2-Acetyl-3-methylbenzofuran	No	23911-56-0	0.1 - 1.0

Additional information

Actual substance concentrations fall within the ranges stated. Maximum values do not necessarily represent the values present in the formula.

4. FIRST AID MEASURES

Description of first aid measures

Eye contact	Rinse with plenty of water. Get medical attention immediately if irritation persists.
Skin contact	Rinse with plenty of water. Call a physician 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	May cause sensitization by skin contact

Indication of any immediate medical attention and special treatment needed

Notes to Physician	Treat symptomatically.
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5. FIRE-FIGHTING MEASURES

Suitable extinguishing media	In case of fire: Use water, CO ₂ , 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 as required. Do not get in eyes, on skin, or on clothing.
Advice for emergency responders	Use personal protective equipment as required.
Environmental precautions	Should not be released into the environment

Methods and material 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
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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	No exposure limits noted for ingredient(s).
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No relevant exposure guidelines for other ingredients

Appropriate engineering controls

Engineering Measures	<p>Distribution, Workplace and Household Settings: Ensure adequate ventilation</p> <p>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</p>
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Personal Protective Equipment

Eye Protection	<p>Distribution, Workplace and Household Settings: No special protective equipment required</p> <p>Product Manufacturing Plant (needed at Product-Producing Plant ONLY): Use appropriate eye protection</p>
Hand Protection	<p>Distribution, Workplace and Household Settings: For sensitive skin or prolonged use, wear gloves</p> <p>Product Manufacturing Plant (needed at Product-Producing Plant ONLY): Protective gloves</p>
Skin and Body Protection	<p>Distribution, Workplace and Household Settings: No special protective equipment required</p> <p>Product Manufacturing Plant (needed at Product-Producing Plant ONLY): Wear suitable protective clothing</p>
Respiratory Protection	<p>Distribution, Workplace and Household Settings: No special protective equipment required</p> <p>Product Manufacturing Plant (needed at Product-Producing Plant ONLY): In case of inadequate ventilation wear respiratory protection</p>

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	Liquid
Appearance	Colorless to light yellow

Odor	Aromatic, Lavender	
Odor threshold	No information available	
<u>Property</u>	<u>Values</u>	<u>Remarks</u>
pH	No information available	
Melting point / freezing point	No information available	
Initial boiling point and boiling range	No information available	
Flash point	81.1 °C / 178 °F	Closed cup.
Evaporation rate	No information available	
Flammability	No information available	
Flammability Limit in Air		
Upper flammability or explosive limits	No information available	
Lower flammability or explosive limits	No information available	
Vapor pressure	No information available	
Relative vapor density	No information available	
Relative density	No information available	
Water solubility	No information available	
Partition coefficient	No information available	
Autoignition temperature	No information available	.
Decomposition temperature	No information available	.
Viscosity	No information available	
VOC Content (%)	Products comply with US state and federal regulations for VOC content in consumer products.	

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.
Reproductive toxicity	No known effect.
Developmental toxicity	No known effect.
STOT - single exposure	No known effect.

STOT - repeated exposure No known effect.
Aspiration hazard No known effect.
Carcinogenicity No known effect.

Component Information

Chemical name	CAS No	Oral LD50	Dermal LD50	Inhalation LC50
2,6-Dimethyl-7-Octen-2-ol	18479-58-8	3020 mg/kg (rat)	> 5 g/kg (Rabbit)	-
Benzyl Acetate	140-11-4	4999 mg/kg (rat)	5001 mg/kg (rabbit)	-
Verdyl Acetate	5413-60-5	3000 mg/kg bodyweight (rat)	5001 mg/kg (rabbit)	-
PPG-3 Methyl Ether	25498-49-1	3400 mg/kg bw (OECD 401)	15440 mg/kg bw (OECD 402)	>29.96577 mg/l (OECD 403)
2-t-Butylcyclohexyl Acetate	88-41-5	= 4600 mg/kg (Rat)	-	-
Linalool	78-70-6	2790 mg/kg bodyweight (rat)	5610 mg/kg (rabbit)	21 mg/l/4h (rat)
PPG-2 Methyl Ether	34590-94-8	5001 mg/kg (rat)	9510 mg/kg (rabbit)	-
4-tert-Butylcyclohexyl acetate	32210-23-4	3323 mg/kg (rat)	5001 mg/kg (rabbit)	-
Amyl Cinnamal	122-40-7	3731 mg/kg (rat)	5001 mg/kg (rabbit)	-
Isoamyl Allylglycolate	67634-00-8	500 mg/kg (rat)	5001 mg/kg (rat)	0 mg/l/4h (rat)
Cyclamen Aldehyde	103-95-7	4999 mg/kg (rat)	5001 mg/kg (rat)	-
Coumarin	91-64-5	520 mg/kg bodyweight (rat)	= 293 mg/kg (Rat)	-
Eucalyptol	470-82-6	4500 mg/kg (rat)	5001 mg/kg (rat)	-
Citronellol	106-22-9	3450 mg/kg bodyweight (rat)	2650 mg/kg bodyweight (rabbit)	-
Citral	5392-40-5	6800 mg/kg (rat)	2001 mg/kg (rat)	-
Hydroxycitronellal	107-75-5	6401 mg/kg (rat)	5001 mg/kg (rabbit)	-
Alpha-Isomethyl Ionone	127-51-5	5001 mg/kg (rat)	5001 mg/kg (rabbit)	-
Delta-Damascone	57378-68-4	1400 mg/kg (rat)	5001 mg/kg (rabbit)	-

12. ECOLOGICAL INFORMATION**ecotoxicity**

The product is not expected to be hazardous to the 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**Disposal methods**

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 Not regulated**IATA** Not regulated**15. REGULATORY INFORMATION****U.S. FEDERAL REGULATIONS****CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

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 does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

U.S. State Regulations (RTK)

Chemical name	CAS No	New Jersey
Benzyl Acetate	140-11-4	X
PPG-2 Methyl Ether	34590-94-8	X

Chemical name	CAS No	Massachusetts
PPG-2 Methyl Ether	34590-94-8	X

Chemical name	CAS No	Pennsylvania
PPG-2 Methyl Ether	34590-94-8	X

California Proposition 65

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

International Inventories**Precautionary Statements - Storage**

Keep in a dry place

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**HMIS****NFPA****Issuing Date:** 25-Jan-2018**Revision Date:** 10-Nov-2022**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 Safety Data Sheet

SAFETY DATA SHEET



Issuing Date: 08-Jun-2020

Revision date 19-Nov-2020

Revision Number 1.01

1. IDENTIFICATION

Product Name Febreze Plugs Downy April Fresh (1 of 2)

Product Identifier 90540651_RET_NG

Product Type: Finished Product - Retail

Recommended use Air freshener.

Restrictions on use Use only as directed on label.

Synonyms 91734673

Details of the supplier of the safety data sheet PROCTER & GAMBLE - Fabric and Home Care Division
Ivorydale Technical Centre
5289 Spring Grove Avenue
Cincinnati, Ohio 45217-1087 USA

Procter & Gamble Inc.
P.O. Box 355, Station A
Toronto, ON M5W 1C5
1-800-331-3774

E-mail Address pgsds.im@pg.com

Emergency Telephone Transportation (24 HR)
CHEMTREC - 1-800-424-9300
(U.S./ Canada) or 1-703-527-3887
Mexico toll free in country: 800-681-9531

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 2
Skin sensitization	Category 1
Flammable liquids	Category 4
Signal word	Warning

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

Physical hazards
Hazard pictograms Combustible liquid

**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 water and soap
 Take off contaminated clothing and wash before reuse
 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

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-%
Pentamethylheptenone	3,4,5,6,6-Pentamethylhept-3-en-2-one	No	81786-74-5	10 - 15
4-tert-Butylcyclohexyl acetate	Cyclohexanol, 4-(1,1-dimethylethyl)-, 1-acetate	No	32210-23-4	5 - 10
2,6-Dimethyl-7-Octen-2-ol	2,6-Dimethyl-7-octen-2-ol	No	18479-58-8	5 - 10
Linalool	1,6-Octadien-3-ol, 3,7-dimethyl-	No	78-70-6	5 - 10
Linalyl acetate	1,6-Octadien-3-ol, 3,7-dimethyl-, 3-acetate	No	115-95-7	5 - 10
Phenethyl alcohol	Phenethyl Alcohol	No	60-12-8	5 - 10
Decanal	Decanal	No	112-31-2	5 - 10
Citronellol	6-Octen-1-ol, 3,7-dimethyl-	No	106-22-9	1 - 5
Benzyl Acetate	Acetic acid, phenylmethyl ester	No	140-11-4	1 - 5
Geraniol	2,6-Octadien-1-ol, 3,7-dimethyl-, (2E)-	No	106-24-1	1 - 5
Cyclamen Aldehyde	Cyclamen Aldehyde	No	103-95-7	1 - 5
Methyl anthranilate	Benzoic acid, 2-amino-, methyl ester	No	134-20-3	1 - 5
Methylundecanal	Undecanal, 2-methyl-	No	110-41-8	0.5 - 1.5
Isobutenyl Methyltetrahydropyran	2H-Pyran, Tetrahydro-4-methyl-2-(2-methyl-1-propenyl)-2 R-cis	No	16409-43-1	0.5 - 1.5

Nerol	2,6-Octadien-1-ol, 3,7-dimethyl-, (2Z)-	No	106-25-2	0.5 - 1.5
Undecylenal	10-Undecenal	No	112-45-8	0.1 - 1.0
Eugenol	Phenol, 2-methoxy-4-(2-propen-1-yl)-	No	97-53-0	0.1 - 1.0
Lauraldehyde	Dodecanal	No	112-54-9	0.1 - 1.0
Citronellal	6-Octenal, 3,7-dimethyl-	No	106-23-0	0.1 - 1.0

Additional information Actual substance concentrations fall within the ranges stated. Maximum values do not necessarily represent the values present in the formula.

4. FIRST AID MEASURES

Description of first aid measures

Eye contact Rinse with plenty of water. Get medical attention immediately if irritation persists.

Skin contact Rinse with plenty of water. Call a physician 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 May cause sensitization by skin contact

Indication of any immediate medical attention and special treatment needed

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 as required. Do not get in eyes, on skin, or on clothing.

Advice for emergency responders Use personal protective equipment as required.

Environmental precautions Should not be released into the environment

Methods and material 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.
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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	No exposure limits noted for ingredient(s).
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No relevant exposure guidelines for other ingredients

Appropriate engineering 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
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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	Liquid	
Appearance	light yellow	
Odor	Floral, orange, Woody	
Odor threshold	No information available	
<u>Property</u>	<u>Values</u>	<u>Remarks</u>
pH (as aqueous solution)	No information available	
Melting point / freezing point	No information available	
Boiling point / boiling range	No information available	
Flash point	86 °C / 186.8 °F	
Evaporation rate	No information available	
Flammability (solid, gas)	No information available	
Flammability Limit in Air		
Upper flammability or explosive limits	No information available	
Lower flammability or explosive limits	No information available	
Vapor pressure	No information available	
Vapor density	No information available	
Relative density	No information available	
Water solubility	No information available	
Partition coefficient	No information available	
Autoignition temperature	No information available	
Decomposition temperature	No information available	
Viscosity	No information available	

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.
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)	-	-
Phenethyl alcohol	60-12-8	1610 mg/kg bodyweight (rat)	-	-
Citronellol	106-22-9	3450 mg/kg bodyweight (rat)	2650 mg/kg bodyweight (rabbit)	-
Geraniol	106-24-1	3600 mg/kg bodyweight (rat)	-	-
Cyclamen Aldehyde	103-95-7	3810 mg/kg bodyweight (rat)	-	-
Nerol	106-25-2	4500 mg/kg bodyweight (rat)	-	-
Eugenol	97-53-0	2300 mg/kg bodyweight (rat)	-	-
Lauraldehyde	112-54-9	//	//	//
Citronellal	106-23-0	2500 mg/kg bodyweight (rat)	//	//

12. ECOLOGICAL INFORMATION

Ecotoxicity

The product is not expected to be hazardous to the 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 methods

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 331
(non-household setting)

14. TRANSPORT INFORMATION

DOT

Product is not regulated for transport by ground in retail packaging per 49 CFR 173.150(f)(2)

IMDG

Not regulated

IATA

Not regulated

15. REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

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 does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

California Proposition 65

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

U.S. State Regulations (RTK)

This product does not contain any substances regulated by state right-to-know regulations.

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

HMIS

NFPA

Issuing Date: 08-Jun-2020

Revision date 19-Nov-2020

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 Safety Data Sheet

SAFETY DATA SHEET



Issuing Date: 08-Jun-2020

Revision date 19-Nov-2020

Revision Number 1.01

1. IDENTIFICATION

Product Name Febreze Plugs Downy April Fresh (2 of 2)

Product Identifier 90540651_A_RET_NG

Product Type: Finished Product - Retail

Recommended use Air freshener.

Restrictions on use Use only as directed on label.

Synonyms 91281426

Details of the supplier of the safety data sheet PROCTER & GAMBLE - Fabric and Home Care Division
Ivorydale Technical Centre
5289 Spring Grove Avenue
Cincinnati, Ohio 45217-1087 USA

Procter & Gamble Inc.
P.O. Box 355, Station A
Toronto, ON M5W 1C5
1-800-331-3774

E-mail Address pgsds.im@pg.com

Emergency Telephone Transportation (24 HR)
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(U.S./ Canada) or 1-703-527-3887
Mexico toll free in country: 800-681-9531

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 2
Skin sensitization	Category 1
Flammable liquids	Category 4
Signal word	Warning

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

Physical hazards
Hazard pictograms Combustible liquid

**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 water and soap
 Take off contaminated clothing and wash before reuse
 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

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-%
Linalool	1,6-Octadien-3-ol, 3,7-dimethyl-	No	78-70-6	20 - 25
2,6-Dimethyl-7-Octen-2-ol	2,6-Dimethyl-7-octen-2-ol	No	18479-58-8	5 - 10
Phenethyl alcohol	Phenethyl Alcohol	No	60-12-8	5 - 10
Pentamethylheptenone	3,4,5,6,6-Pentamethylhept-3-en-2-one	No	81786-74-5	5 - 10
Alpha-Isomethyl Ionone	3-Buten-2-one, 3-methyl-4-(2,6,6-trimethyl-2-cyclohexen-1-yl)-	No	127-51-5	1 - 5
Benzyl Acetate	Acetic acid, phenylmethyl ester	No	140-11-4	1 - 5
PPG-2 Methyl Ether	Propanol, 1(or 2)-(2-methoxymethylethoxy)-	No	34590-94-8	1 - 5
Isobutyl Methyl Tetrahydropyranol	2H-Pyran-4-ol, tetrahydro-4-methyl-2-(2-methylpropyl)-	No	63500-71-0	1 - 5
Methyl Ionone	Ionone, methyl-	No	1335-46-2	1 - 5
Tetramethyl Acetyloctahydronaphthalenes	Tetramethyl Acetyloctahydronaphthalenes	No	54464-57-2	1 - 5
Cyclamen Aldehyde	Cyclamen Aldehyde	No	103-95-7	0.5 - 1.5
Linalyl acetate	1,6-Octadien-3-ol, 3,7-dimethyl-, 3-acetate	No	115-95-7	0.5 - 1.5
Methyl anthranilate	Benzoic acid, 2-amino-, methyl ester	No	134-20-3	0.5 - 1.5

Citronellol	6-Octen-1-ol, 3,7-dimethyl-	No	106-22-9	0.5 - 1.5
4-tert-Butylcyclohexyl acetate	Cyclohexanol, 4-(1,1-dimethylethyl)-, 1-acetate	No	32210-23-4	0.5 - 1.5
Decanal	Decanal	No	112-31-2	0.5 - 1.5
Amyl salicylate	Benzoic acid, 2-hydroxy-, pentyl ester	No	2050-08-0	0.5 - 1.5
2,4-Dimethyl-3-Cyclohexene Carboxaldehyde	3-Cyclohexene-1-carboxaldehyde, 2,4-dimethyl-	No	68039-49-6	0.1 - 1.0
Isobutenyl Methyltetrahydropyran	2H-Pyran, Tetrahydro-4-methyl-2-(2-methyl-1-propenyl)-2 R-cis	No	16409-43-1	0.1 - 1.0
Dimethyl Heptenal	5-Heptenal, 2,6-dimethyl-	No	106-72-9	0.1 - 1.0
Citral	2,6-Octadienal, 3,7-dimethyl-	No	5392-40-5	0.1 - 1.0
Eucalyptol	2-Oxabicyclo[2.2.2]octane, 1,3,3-trimethyl-	No	470-82-6	0.1 - 1.0
L-alpha-Pinene	L-alpha-Pinene	No	7785-26-4	0.1 - 1.0
Limonene	Cyclohexene, 1-methyl-4-(1-methylethenyl)-, (4R)-	No	5989-27-5	0.1 - 1.0
Isoeugenol	Phenol, 2-methoxy-4-(1-propen-1-yl)-	No	97-54-1	0.1 - 1.0

Additional information

Actual substance concentrations fall within the ranges stated. Maximum values do not necessarily represent the values present in the formula.

4. FIRST AID MEASURES

Description of first aid measures

Eye contact	Rinse with plenty of water. Get medical attention immediately if irritation persists.
Skin contact	Rinse with plenty of water. Call a physician 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	May cause sensitization by skin contact

Indication of any immediate medical attention and special treatment needed

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 as required. Do not get in eyes, on skin, or on clothing.
Advice for emergency responders	Use personal protective equipment as required.
Environmental precautions	Should not be released into the environment

Methods and material 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.
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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	No exposure limits noted for ingredient(s).
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No relevant exposure guidelines for other ingredients

Appropriate engineering controls

Engineering Measures	Distribution, Workplace and Household Settings: Ensure adequate ventilation
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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

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.
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)	-	-
Phenethyl alcohol	60-12-8	1610 mg/kg bodyweight (rat)	-	-
Tetramethyl Acetyloctahydronaphthalenes	54464-57-2	//	//	//
Cyclamen Aldehyde	103-95-7	3810 mg/kg bodyweight (rat)	-	-
Citronellol	106-22-9	3450 mg/kg bodyweight (rat)	2650 mg/kg bodyweight (rabbit)	-
Citral	5392-40-5	-	2500 mg/kg bodyweight (rat)	-
Eucalyptol	470-82-6	2480 mg/kg bodyweight (rat)	-	-
Isoeugenol	97-54-1	1500 mg/kg (rat)	1900 mg/kg (rabbit)	-

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 methods

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

Product is not regulated for transport by ground in retail packaging per 49 CFR 173.150(f)(2)

IMDG

UN number	UN3082
UN proper shipping name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
Description	UN3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.(Pentamethylheptenone, Alpha-Isomethyl Ionone), 9, III, Marine pollutant
Transport hazard class(es)	9
Packing group	III
Marine pollutant	Marine pollutant
EmS-No	F-A, S-F

IATA

UN number	UN3082
UN proper shipping name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
Description	UN3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.(Pentamethylheptenone, Alpha-Isomethyl Ionone), 9, III
Transport hazard class(es)	9
Packing group	III

15. REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

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 does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

California Proposition 65

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

U.S. State Regulations (RTK)

This product does not contain any substances regulated by state right-to-know regulations.

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

HMIS

NFPA

Issuing Date: 08-Jun-2020

Revision date 19-Nov-2020

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 Safety Data Sheet

SAFETY DATA SHEET



Issuing Date: 05-Apr-2017

Revision Date: 01-Jun-2017

Version 1

1. IDENTIFICATION

Product Name Febreze PLUGS Gain Original (1 of 2)

Product Identifier 91309461_RET_NG

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

Recommended Use Air freshener.

Restrictions on Use Use only as directed on label.

Synonyms 91280618

Details of the supplier of the safety data sheet PROCTER & GAMBLE - Fabric and Home Care Division
Ivorydale Technical Centre
5289 Spring Grove Avenue
Cincinnati, Ohio 45217-1087 USA

Procter & Gamble Inc.
P.O. Box 355, Station A
Toronto, ON M5W 1C5
1-800-331-3774

E-mail Address pgsds.im@pg.com

Emergency Telephone Transportation (24 HR)
CHEMTREC - 1-800-424-9300
(U.S./ Canada) or 1-703-527-3887
Mexico toll free in country: 800-681-9531

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 %
2,6-Dimethyl-7-Octen-2-ol	2,6-Dimethyl-7-octen-2-ol	No	18479-58-8	10 - 15
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
PPG-2 Methyl Ether	PPG-2 Methyl Ether	No	34590-94-8	10 - 15
Benzyl Acetate	Acetic acid, phenylmethyl ester	No	140-11-4	5 - 10
Pentamethylheptenone	3,4,5,6,6-Pentamethylhe pt-3-en-2-one	No	81786-74-5	5 - 10
Hydroxycitronellal	Octanal, 7-hydroxy-3,7-dimethyl-	No	107-75-5	1 - 5
Linalyl acetate	1,6-Octadien-3-ol, 3,7-dimethyl-, 3-acetate	No	115-95-7	1 - 5
4-tert-Butylcyclohexyl acetate	Cyclohexanol, 4-(1,1-dimethylethyl)-, 1-acetate	No	32210-23-4	1 - 5
Tetramethyl Acetyloctahydronaphthalenes	Tetramethyl Acetyloctahydronaphthal enes	No	54464-57-2	1 - 5
Ethyl Trimethylcyclopentene Butenol	2-Buten-1-ol, 2-ethyl-4-(2,2,3-trimethyl-	No	28219-61-6	1 - 5

	3-cyclopenten-1-yl)-			
2,4-Dimethyl-3-Cyclohexene Carboxaldehyde	3-Cyclohexene-1-carboxaldehyde, 2,4-dimethyl-	No	68039-49-6	1 - 5
Alpha-Isomethyl Ionone	3-Buten-2-one, 3-methyl-4-(2,6,6-trimethyl-2-cyclohexen-1-yl)-	No	127-51-5	1 - 5
Eugenol	Phenol, 2-methoxy-4-(2-propen-1-yl)-	No	97-53-0	0.5 - 1.5
Methylundecanal	Undecanal, 2-methyl-	No	110-41-8	0.5 - 1.5
Isobutenyl Methyltetrahydropyran	2H-Pyran, Tetrahydro-4-methyl-2-(2-methyl-1-propenyl)-2R-is	No	16409-43-1	0.1 - 1.0
Citral	2,6-Octadienal, 3,7-dimethyl-	No	5392-40-5	0.1 - 1.0
Dimethylcyclohexenyl 3-Butenyl Ketone	4-Penten-1-one, 1-(5,5-dimethyl-1-cyclohexen-1-yl)-	No	56973-85-4	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 (vacated) 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		
Citral	5392-40-5	TWA: 5 ppm inhalable fraction and vapor S*		

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
Citral	5392-40-5			TWA: 5 ppm Skin	

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	Liquid	
Appearance	slightly Yellow	
Odor	Green, Floral	
Odor threshold	No information available	
<u>Property</u>	<u>Values</u>	<u>Note</u>
pH value	Not determined	
Melting/freezing point	No information available	
Boiling point / boiling range	No information available	
Flash point	82 °C / 179.6 °F	Closed cup.
Evaporation rate	No information available	
Flammability (solid, gas)	No information available	
Flammability Limits in Air		
Upper flammability limit	No information available	
Lower Flammability Limit	No information available	
Vapor pressure	No information available	
Vapor density	No information available	
Relative density	No information available	
Water solubility	No information available	
Partition coefficient: n-octanol/water	No information available	
Autoignition temperature	No information available	.
Decomposition temperature	No information available	.
Viscosity of Product	No information available	
VOC Content (%)	Products comply with US state and federal regulations for VOC content in consumer products.	

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)	-	-
Eugenol	97-53-0	//	//	//
Methylundecanal	110-41-8	//	//	//
Citral	5392-40-5	6800 mg/kg bw	> 2000 mg/kg bw	-

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 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
Description UN3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Trimethylhexyl Acetate, Pentamethylheptenone), 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 Environmentally hazardous substance, liquid, n.o.s.
Description UN3082, Environmentally hazardous substance, liquid, n.o.s. (Trimethylhexyl Acetate, Pentamethylheptenone), 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, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

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 does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

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

Chemical Name	CAS-No	Massachusetts
PPG-2 Methyl Ether	34590-94-8	X

Chemical Name	CAS-No	Pennsylvania
PPG-2 Methyl Ether	34590-94-8	X
Dipropylene Glycol	25265-71-8	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

Revision Date: 01-Jun-2017

Disclaimer

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End of SDS

SAFETY DATA SHEET



Issuing Date: 05-Apr-2017

Revision Date: 01-Jun-2017

Version 1

1. IDENTIFICATION

Product Name Febreze PLUGS Gain Original (2 of 2)

Product Identifier 91309461_A_RET_NG

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

Recommended Use Air freshener.

Restrictions on Use Use only as directed on label.

Synonyms 91281462

Details of the supplier of the safety data sheet PROCTER & GAMBLE - Fabric and Home Care Division
Ivorydale Technical Centre
5289 Spring Grove Avenue
Cincinnati, Ohio 45217-1087 USA

Procter & Gamble Inc.
P.O. Box 355, Station A
Toronto, ON M5W 1C5
1-800-331-3774

E-mail Address pgsds.im@pg.com

Emergency Telephone Transportation (24 HR)
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(U.S./ Canada) or 1-703-527-3887
Mexico toll free in country: 800-681-9531

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 %
2,6-Dimethyl-7-Octen-2-ol	2,6-Dimethyl-7-octen-2-ol	No	18479-58-8	10 - 15
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
PPG-2 Methyl Ether	PPG-2 Methyl Ether	No	34590-94-8	10 - 15
Benzyl Acetate	Acetic acid, phenylmethyl ester	No	140-11-4	5 - 10
Pentamethylheptenone	3,4,5,6,6-Pentamethylhe pt-3-en-2-one	No	81786-74-5	5 - 10
Hydroxycitronellal	Octanal, 7-hydroxy-3,7-dimethyl-	No	107-75-5	1 - 5
Linalyl acetate	1,6-Octadien-3-ol, 3,7-dimethyl-, 3-acetate	No	115-95-7	1 - 5
4-tert-Butylcyclohexyl acetate	Cyclohexanol, 4-(1,1-dimethylethyl)-, 1-acetate	No	32210-23-4	1 - 5
Tetramethyl Acetyloctahydronaphthalenes	Tetramethyl Acetyloctahydronaphthal enes	No	54464-57-2	1 - 5
Ethyl Trimethylcyclopentene Butenol	2-Buten-1-ol,	No	28219-61-6	1 - 5

	2-ethyl-4-(2,2,3-trimethyl-3-cyclopenten-1-yl)-			
2,4-Dimethyl-3-Cyclohexene Carboxaldehyde	3-Cyclohexene-1-carboxaldehyde, 2,4-dimethyl-	No	68039-49-6	1 - 5
Alpha-Isomethyl Ionone	3-Buten-2-one, 3-methyl-4-(2,6,6-trimethyl-2-cyclohexen-1-yl)-	No	127-51-5	1 - 5
Eugenol	Phenol, 2-methoxy-4-(2-propen-1-yl)-	No	97-53-0	0.5 - 1.5
Methylundecanal	Undecanal, 2-methyl-	No	110-41-8	0.5 - 1.5
Isobutenyl Methyltetrahydropyran	2H-Pyran, Tetrahydro-4-methyl-2-(2-methyl-1-propenyl)-2R-configuration	No	16409-43-1	0.1 - 1.0
Citral	2,6-Octadienal, 3,7-dimethyl-	No	5392-40-5	0.1 - 1.0
Dimethylcyclohexenyl 3-Butenyl Ketone	4-Penten-1-one, 1-(5,5-dimethyl-1-cyclohexen-1-yl)-	No	56973-85-4	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, CO ₂ , 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: 606 mg/m ³ (vacated) TWA: 100 ppm (vacated) TWA: 606 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		
Citral	5392-40-5	TWA: 5 ppm inhalable fraction and vapor S*		

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
Citral	5392-40-5			TWA: 5 ppm Skin	

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	Liquid
Appearance	slightly Yellow
Odor	Green, Floral
Odor threshold	No information available

<u>Property</u>	<u>Values</u>	<u>Note</u>
pH value	Not determined	
Melting/freezing point	No information available	
Boiling point / boiling range	No information available	
Flash point	82 °C / 179.6 °F	Closed cup.
Evaporation rate	No information available	
Flammability (solid, gas)	No information available	
Flammability Limits in Air		
Upper flammability limit	No information available	
Lower Flammability Limit	No information available	
Vapor pressure	No information available	
Vapor density	No information available	
Relative density	No information available	
Water solubility	No information available	
Partition coefficient: n-octanol/water	No information available	
Autoignition temperature	No information available	

Decomposition temperature	No information available
Viscosity of Product	No information available
VOC Content (%)	Products comply with US state and federal regulations for VOC content in consumer products.

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)	-	-
Eugenol	97-53-0	//	//	//
Methylundecanal	110-41-8	//	//	//
Citral	5392-40-5	6800 mg/kg bw	> 2000 mg/kg bw	-

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	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
Description	UN3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Trimethylhexyl Acetate, Pentamethylheptenone), 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	Environmentally hazardous substance, liquid, n.o.s.
Description	UN3082, Environmentally hazardous substance, liquid, n.o.s. (Trimethylhexyl Acetate, Pentamethylheptenone), 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, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level

pertaining to releases of this material.

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 does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

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

Chemical Name	CAS-No	Massachusetts
PPG-2 Methyl Ether	34590-94-8	X

Chemical Name	CAS-No	Pennsylvania
PPG-2 Methyl Ether	34590-94-8	X
Dipropylene Glycol	25265-71-8	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

Revision Date: 01-Jun-2017

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