

SAFETY DATA SHEET



Issuing Date: 01-Jun-2016

Revision Date: 01-Jun-2016

Version 1

1. IDENTIFICATION

Product Name Febreze Plug Air Freshener - Gain Original (1 of 2)

Product Identifier 90942851_RET_NG

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

Recommended Use Air freshener.

Restrictions on Use Use only as directed on label.

Synonyms 90876903_RET_NG

Manufacturer 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

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 %
3,5,5-Trimethylhexyl acetate	1-Hexanol, 3,5,5-trimethyl-, 1-acetate	No	58430-94-7	10 - 15
Linalool	1,6-Octadien-3-ol, 3,7-dimethyl-	No	78-70-6	10 - 15
PPG-2 Methyl Ether	PPG-2 Methyl Ether	No	34590-94-8	5 - 10
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
2-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-cis	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: 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 light yellow Yellow
Odor Berry, Fruity, Rose
Odor threshold No information available

<u>Property</u>	<u>Values</u>	<u>Note</u>
pH value	No information available	
Melting/freezing point	No information available	
Boiling point/boiling range	No information available	
Flash point	80.5 °C / 176.9 °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.
Materials to avoid 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	2300 mg/kg bodyweight (rat)	-	-
Citral	5392-40-5	-	2500 mg/kg bodyweight (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	Environmentally hazardous substance, liquid, n.o.s.
Description	UN3082, Environmentally hazardous substance, liquid, n.o.s. (gamma-Undecalactone, Allyl Caproate), 9, III, Marine pollutant
Transport hazard class(es)	9
Packing Group	III
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. (gamma-Undecalactone, Allyl Caproate), 9, III
Hazard Class	9
Packing Group	III
ERG Code	9L

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: 01-Jun-2016

Revision Date: 01-Jun-2016

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

SAFETY DATA SHEET



Issuing Date: 01-Jun-2016

Revision Date: 01-Jun-2016

Version 1

1. IDENTIFICATION

Product Name Febreze Plug Air Freshener - Gain Original (2 of 2)

Product Identifier 90942851_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 90878761_RET_NG

Manufacturer 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
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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

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 %
3,5,5-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	10 - 15
Pentamethylheptenone	3,4,5,6,6-Pentamethylhe pt-3-en-2-one	No	81786-74-5	5 - 10
Isobutyl Methyl Tetrahydropyranol	2H-Pyran-4-ol, tetrahydro-4-methyl-2-(2- methylpropyl)-	No	63500-71-0	5 - 10
3,7-Dimethyloctan-3-ol	3-Octanol, 3,7-dimethyl-	No	78-69-3	5 - 10
Citronellol	6-Octen-1-ol, 3,7-dimethyl-	No	106-22-9	5 - 10
PPG-2 Methyl Ether	PPG-2 Methyl Ether	No	34590-94-8	1 - 5
Hydroxycitronellal	Octanal, 7-hydroxy-3,7-dimethyl-	No	107-75-5	1 - 5
Linalool	1,6-Octadien-3-ol, 3,7-dimethyl-	No	78-70-6	1 - 5
Linalyl acetate	1,6-Octadien-3-ol, 3,7-dimethyl-, 3-acetate	No	115-95-7	1 - 5
Geraniol	2,6-Octadien-1-ol,	No	106-24-1	0.5 - 1.5

	3,7-dimethyl-, (2E)-			
Nerol	2,6-Octadien-1-ol, 3,7-dimethyl-, (2Z)-	No	106-25-2	0.1 - 1.0
Eucalyptol	2-Oxabicyclo[2.2.2]octane, 1,3,3-trimethyl-	No	470-82-6	0.1 - 1.0
Isobutenyl Methyltetrahydropyran	2H-Pyran, Tetrahydro-4-methyl-2-(2- methyl-1-propenyl)-2R-c is	No	16409-43-1	0.1 - 1.0
1h-Indene-Ar-Propanal, 2,3-Dihydro-1,1-Dimethyl	2,3-Dihydro-1,1-Dimethyl -1H-indene-Ar-p+	No	300371-33-9	0.1 - 1.0
Alpha-Isomethyl Ionone	3-Buten-2-one, 3-methyl-4-(2,6,6-trimeth yl-2-cyclohexen-1-yl)-	No	127-51-5	0.1 - 1.0
Dihydro Pentamethylindanone	Cashmeran	No	33704-61-9	0.1 - 1.0
Dimethylcyclohexenyl 3-Butenyl Ketone	4-Penten-1-one, 1-(5,5-dimethyl-1-cyclohe xen-1-yl)-	No	56973-85-4	0.1 - 1.0
Coumarin	2H-1-Benzopyran-2-one	No	91-64-5	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
Benzyl Acetate	140-11-4	TWA: 10 ppm		
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

Chemical Name	CAS-No	Alberta	Quebec	Ontario TWAEV	British Columbia
Benzyl Acetate	140-11-4	TWA: 10 ppm TWA: 61 mg/m ³		TWA: 10 ppm	TWA: 10 ppm
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

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 light yellow
Fruity, Coconut, Peach
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
No information available
No information available
No information available
85.5 °C / 185.9 °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
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.
Materials to avoid	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
Citronellol	106-22-9	3450 mg/kg bodyweight (rat)	2650 mg/kg bodyweight (rabbit)	-
Linalool	78-70-6	2790 mg/kg bodyweight (rat)	-	-
Geraniol	106-24-1	3600 mg/kg bodyweight (rat)	-	-
Nerol	106-25-2	4500 mg/kg bodyweight (rat)	-	-
Eucalyptol	470-82-6	2480 mg/kg bodyweight (rat)	-	-
Coumarin	91-64-5	500 mg/kg (rat)	-	-
Dihydro Pentamethylindanone	33704-61-9	2900 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

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. (gamma-Undecalactone, Allyl Caproate), 9, III, Marine pollutant
Transport hazard class(es)	9
Packing Group	III
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. (gamma-Undecalactone, Allyl Caproate), 9, III
Hazard Class	9
Packing Group	III
ERG Code	9L

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
Acetophenone	98-86-2	5000 lb	-	

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

This product contains the following substance(s) which are either listed as hazardous air pollutants (HAPS) or VOC's per the Clean Air Act:

Chemical Name	CAS-No	CAA (Clean Air Act) - 1990 Hazardous Air Pollutants
Acetophenone	98-86-2	X

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
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
Acetophenone	98-86-2	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: 01-Jun-2016

Revision Date: 01-Jun-2016

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