

SAFETY DATA SHEET



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Version 2.01

1. IDENTIFICATION

Product Name	Febreze Car Air Freshener – Old Spice
Product Identifier	91895542_RET_NG
Product Type:	Finished Product - Consumer (Retail) Use Only
Recommended Use	Air freshener.
Restrictions on use	Use only as directed on label.
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 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 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

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	25 - 30
Linalool	1,6-Octadien-3-ol, 3,7-dimethyl-	No	78-70-6	15 - 20
Linalyl acetate	1,6-Octadien-3-ol, 3,7-dimethyl-, 3-acetate	No	115-95-7	5 - 10
Limonene	D-Limonene	No	5989-27-5	5 - 10
Tetramethyl Acetyl Octahydronaphthalenes	Tetramethyl Acetyl Octahydronaphthalenes	No	54464-57-2	1 - 5
CEDROL METHYL ETHER	1H-3a,7-Methanoazulene, octahydro-6-methoxy-3, 6,8,8-tetramethyl-, (3R,3aS,6S,7R,8aS)-	No	19870-74-7	1 - 5
Terpineol	alpha-Terpineol	No	98-55-5	1 - 5
trans-Menthone	Menthone/Isomenthone	No	89-80-5	1 - 5
Isoamyl Allylglycolate	Allyl Amyl Glycolate	No	67634-00-8	1 - 5
Dihydro Pentamethylindanone	Cashmeran	No	33704-61-9	1 - 5
Eucalyptol	2-Oxabicyclo[2.2.2]octane, 1,3,3-trimethyl-	No	470-82-6	0.5 - 1.5
Coumarin	2H-1-Benzopyran-2-one	No	91-64-5	0.5 - 1.5
Citral	2,6-Octadienal, 3,7-dimethyl-	No	5392-40-5	0.1 - 1.0
Citronellol	6-Octen-1-ol, 3,7-dimethyl-	No	106-22-9	0.1 - 1.0
Geranyl acetate	2,6-Octadien-1-ol,	No	105-87-3	0.1 - 1.0

	3,7-dimethyl-, 1-acetate, (2E)-			
Geraniol	2,6-Octadien-1-ol, 3,7-dimethyl-, (2E)-	No	106-24-1	0.1 - 1.0
Delta-Damascone	delta Damascone	No	57378-68-4	0.1 - 1.0
cis-hex-3-en-1-yl Methyl Carbonate	Carbonic acid, (3Z)-3-hexen-1-yl methyl ester	No	67633-96-9	0.1 - 1.0
Heptamethyl Decahydroindeno furan	Amber Extreme	No	476332-65-7	0.1 - 1.0
Acetic acid, anhydride, reaction products with 1,5,10-trimethyl-1,5,9-cyclododecatriene	Acetic acid, anhydride, reaction products with 1,5,10-trimethyl-1,5,9-cyclododecatriene	No	144020-22-4	0.1 - 1.0
Cyclamen Aldehyde	Cyclamen Aldehyde	No	103-95-7	0.1 - 1.0
Neryl acetate	2,6-Octadien-1-ol, 3,7-dimethyl-, 1-acetate, (2Z)-	No	141-12-8	0.1 - 1.0
2,4-Dimethyl-3-Cyclohexene Carboxaldehyde	3-Cyclohexene-1-carboxaldehyde, 2,4-dimethyl-	No	68039-49-6	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
Myrcene	Myrcene	No	123-35-3	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

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.

F. 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.

Environmental precautions Should not be released into the environment

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 No exposure limits noted for ingredient(s).

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	Liquid	
Appearance	Pale Yellow	
Odor	Oriental, Mint-like	
Odor threshold	No information available	
Property	Values	Remarks
pH	No information available	
Melting point / freezing point	No information available	
Boiling point / boiling range	No information available	
Flash point	70 °C / 158 °F	Closed cup. Does not sustain combustion.
Evaporation rate	No information available	
Flammability (solid, gas)	No information available	
Flammability Limits 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	
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)	-	-
Tetramethyl Acylooctahydronaphthalenes	54464-57-2	//	//	//
Isoamyl Allylglycolate	67634-00-8	730 mg/kg (rat)	-	-
Dihydro Pentamethylindanone	33704-61-9	//	//	//
Eucalyptol	470-82-6	2480 mg/kg bodyweight (rat)	-	-
Coumarin	91-64-5	520 mg/kg bodyweight (rat)	-	-
Citral	5392-40-5	-	2500 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)	-	-
Delta-Damascone	57378-68-4	1400 mg/kg (rat)	-	-
Cyclamen Aldehyde	103-95-7	3810 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 (non-household setting)	331

14. TRANSPORT INFORMATION

DOT	Not regulated
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IMDG

UN Number	UN3082
UN proper shipping name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
Description	UN3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Limonene, Tetramethyl Acetyl Octahydronaphthalenes), 9, III, Marine pollutant
Transport hazard class(es)	9
Packing Group	III
EmS-No.	F-A, S-F

Product is not regulated for transport by vessel in retail packaging per IMDG 2.10.2.7.

IATA

UN Number	UN3082
UN proper shipping name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
Description	UN3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Limonene, Tetramethyl Acetyl Octahydronaphthalenes), 9, III
Transport hazard class(es)	9
Packing Group	III

Product is not regulated for transport by air in retail packaging per IATA Special Provision A197.

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	Pennsylvania
Dipropylene Glycol	25265-71-8	X
Camphor	76-22-2	X
p-Cymene	99-87-6	X
Pinene	80-56-8	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: 07-Dec-2018

Revision date 14-Aug-2019

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