

SAFETY DATA SHEET



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Version 1

1. IDENTIFICATION

Product Name Febreze Set & Refresh - Advanced Odor Eliminator Pure Refreshment

Product ID: 92193513_RET_NG

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

Recommended Use Air freshener

Restrictions on Use Use only as directed on label.

Synonyms 96529180

Manufacturer PROCTER & GAMBLE - Fabric and Home Care Division
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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 - Prevention

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 %
Citral	-	No	5392-40-5	10 - 15
Benzyl Acetate	-	No	140-11-4	5 - 10
2,6-Dimethyl-7-Octen-2-ol	-	No	18479-58-8	5 - 10
Linalool	-	No	78-70-6	5 - 10
3,5,5-Trimethylhexyl acetate	-	No	58430-94-7	5 - 10
Allyl heptanoate	-	No	142-19-8	1 - 5
Pentamethylheptenone	-	No	81786-74-5	1 - 5
Decanal	-	No	112-31-2	1 - 5
Alpha-Isomethyl Ionone	-	No	127-51-5	1 - 5
Limonene	-	No	138-86-3	1 - 5
alpha-Terpineol	-	No	98-55-5	1 - 5
Citronellyl acetate	-	No	150-84-5	1 - 5
Delta-Damascone	-	No	57378-68-4	1 - 5
p-Menthan-7-ol	-	No	13828-37-0	0.5 - 1.5
Allyl 3-Cyclohexylpropionate	-	No	2705-87-5	0.5 - 1.5
Dimethyl-3-Cyclohexene-1-Carbaldehyde	-	No	27939-60-2	0.5 - 1.5
Scentenal	-	No	86803-90-9	0.5 - 1.5
trans-Menthone	-	No	89-80-5	0.5 - 1.5
Pentamethyl Octahydroindenodioxane	-	No	365411-50-3	0.5 - 1.5

Cyclamen Aldehyde	-	No	103-95-7	0.5 - 1.5
3-Decen-5-one, 4-methyl-, (3E)-	-	No	811412-48-3	0.5 - 1.5
Dihydro Pentamethylindanone	-	No	33704-61-9	0.1 - 1.0
Methylenedioxyphenyl Methylpropanal	-	No	1205-17-0	0.1 - 1.0
Dimethylcyclohexenyl 3-Butenyl Ketone	-	No	56973-85-4	0.1 - 1.0
beta-Pinene	-	No	127-91-3	0.1 - 1.0
Lauraldehyde	-	No	112-54-9	0.1 - 1.0
4,8-dimethyl-4,9-decadienal	-	No	71077-31-1	0.1 - 1.0
delta-Muscenone	-	No	63314-79-4	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
Citral	5392-40-5	TWA: 5 ppm inhalable fraction and vapor S*		
Benzyl Acetate	140-11-4	TWA: 10 ppm		
beta-Pinene	127-91-3	TWA: 20 ppm		

Chemical Name	CAS-No	Alberta	Quebec	Ontario TWAEV	British Columbia
Citral	5392-40-5			TWA: 5 ppm Skin	
Benzyl Acetate	140-11-4	TWA: 10 ppm TWA: 61 mg/m ³		TWA: 10 ppm	TWA: 10 ppm
beta-Pinene	127-91-3	TWA: 20 ppm TWA: 111 mg/m ³	TWA: 20 ppm TWA: 112 mg/m ³	TWA: 20 ppm	TWA: 20 ppm Sensitizer

No relevant exposure guidelines for other ingredients

Exposure controls

Engineering Measures

Distribution, Workplace and Household Settings:
Ensure adequate ventilation

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

Personal Protective Equipment

Eye Protection

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

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

Hand Protection	<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 insufficient ventilation wear suitable respiratory equipment</p>

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State @20°C	liquid	
Appearance	clear to amber	
Odor	Scented	
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	75 °C / 167 °F	
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	< 2mm Hg	
Vapor density	No information available	
Relative density	No information available	
Water solubility	Not soluble	
Solubility in other solvents	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.

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	LD50 Oral	LD50 Dermal	LC50 Inhalation
Allyl heptanoate	142-19-8	218 mg/kg (rat)	810 mg/kg (rabbit)	-
Delta-Damascone	57378-68-4	1400 mg/kg (rat)	-	-
Allyl 3-Cyclohexylpropionate	2705-87-5	480 mg/kg (rat)	1600 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

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.

regulations.

California Hazardous Waste Codes 331
(non-household setting)

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. (3,5,5-Trimethylhexyl acetate, 2-t-Butylcyclohexyl Acetate), 9, III, Ltd. Qty.
Transport hazard class(es) 9
Packing Group III
Special precautions for user 274, 335
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. (3,5,5-Trimethylhexyl acetate, 2-t-Butylcyclohexyl Acetate), 9, III, Ltd. Qty.
Hazard Class 9
Packing Group III
ERG Code 9L
Special precautions for user A97, A158
IATA comment Can also be shipped as ID8000 Consumer Commodity

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 Substances RQs	Extremely Hazardous Substances RQs	CERCLA/SARA 302 TPQ
Isoamyl Acetate	123-92-2	5000 lb	-	

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

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

Clean Water Act

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

Chemical Name	CAS-No	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Isoamyl Acetate	123-92-2	-	-	-	X

California Proposition 65

This product is not subject to warning labeling under California Proposition 65. Ethanol is only considered a Proposition 65 developmental hazard when it is ingested as an alcoholic beverage.

U.S. State Regulations (RTK)

Chemical Name	CAS-No	New Jersey
Benzyl Acetate	140-11-4	X
Limonene	138-86-3	X

Chemical Name	CAS-No	Pennsylvania
Isoamyl Acetate	123-92-2	X
Dipropylene Glycol	25265-71-8	X
Ethanol	64-17-5	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

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

CEPA - Canadian Environmental Protection Act

16. OTHER INFORMATION

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Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text

End of SDS