

SAFETY DATA SHEET



Issuing Date: 11-Mar-2024

Revision date 11-Mar-2024

Revision Number 1

1. IDENTIFICATION

Product Name Febreze Auto Tropical Beach

Product Identifier 21029611_RET_NG

Product Type: Finished Product - Retail

Recommended use Air freshener.

Manufacturer PROCTER & GAMBLE - Fabric and Home Care Division
Ivorydale Technical Centre
5299 Spring Grove Avenue
Cincinnati, Ohio 45217-1087 USA

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P.O. Box 355, Station A
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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-%
Ethylacetoacetate ethylene glycol ketal	Fructose	No	6413-10-1	15 - 20
Linalool	Linalool	No	78-70-6	15 - 20
Tetrahydrolinalool	Tetrahydrolinalool	No	78-69-3	10 - 15
3-Methyl-2-Butenyl Acetate	Prenyl Acetate	No	1191-16-8	5 - 10
Gamma-Decalactone	gamma-Decalactone	No	706-14-9	5 - 10
Ethyl 2-Methylvalerate	Ethyl Methyl Pentanoate	No	39255-32-8	5 - 10
Verdyl Acetate	3a,4,5,6,7,7a-hexahydro-4,7-methano-1H-indenyl acetate	No	5413-60-5	5 - 10
2-t-Butylcyclohexyl Acetate	2-t-Butylcyclohexyl Acetate	No	88-41-5	5 - 10
Benzyl Acetate	Benzyl Acetate	No	140-11-4	1 - 5
2,6-Dimethyl-7-Octen-2-ol	Landenol	No	18479-58-8	1 - 5
3-Hexenol	3-Hexenol	No	928-96-1	1 - 5
Diethyl Malonate	Propandioic Acid, Diethyl Ester	No	105-53-3	1 - 5
PPG-2 Methyl Ether	Dipropylene Glycol Monomethyl Ether	No	34590-94-8	1 - 5
Allyl Heptanoate	Allyl Heptanoate	No	142-19-8	1 - 5
Ethyl 2,2-Dimethylhydrocinnamal	Floralozone	No	67634-15-5	0.5 - 1.5
2,4-Dimethyl-3-Cyclohexene Carboxaldehyde	2,4-Dimethyl-3-cyclohexene Carboxaldehyde	No	68039-49-6	0.5 - 1.5
Cyclamen Aldehyde	Cyclamen Aldehyde	No	103-95-7	0.5 - 1.5
Allyl Cyclohexylpropionate	Allylcyclohexyl Propionate	No	2705-87-5	0.5 - 1.5
Delta-Damascone	delta Damascone	No	57378-68-4	0.5 - 1.5

Citral	Citral	No	5392-40-5	0.5 - 1.5
4-(4-methyl-3-pentenyl)cyclohex-3-ene-1-carbaldehyde	Myrac Aldehyde	No	37677-14-8	0.1 - 1.0
Cyclopropanecarboxylic acid, 2-methyl-2-[(1,2,4-trimethyl-2-penten-1-yl)oxy]propyl ester	Cyclopropanecarboxylic acid, 2-methyl-2-[(1,2,4-trimethyl-2-penten-1-yl)oxy]propyl ester	No	676532-44-8	0.1 - 1.0
Isobutenyl Methyltetrahydropyran	Rose Oxide	No	16409-43-1	0.1 - 1.0
Ethyl Methylphenylglycidate	Ethyl Methylphenylglycidate	No	77-83-8	0.1 - 1.0
Lauraldehyde	Dodecanal	No	112-54-9	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.

Special Provisions 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	orange	
Odor	Floral, Fruity	
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	73 °C / 163.4 °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
Ethylacetoacetate ethylene glycol ketal	6413-10-1	> 5 g/kg (Rat)	-	-
Linalool	78-70-6	2790 mg/kg bodyweight (RAT)	5610 mg/kg (RABBIT)	21 mg/L (RAT)
Tetrahydrolinalool	78-69-3	8270 mg/kg bw	> 5000 mg/kg bw	> 0.885 mg/L air
Gamma-Decalactone	706-14-9	-	5001 mg/kg (RAT)	-
Verdyl Acetate	5413-60-5	3000 mg/kg bodyweight (rat)	5001 mg/kg (RABBIT)	-
Ethyl 2-Methylvalerate	39255-32-8	5001 mg/kg (RAT)	5001 mg/kg (RAT)	21 mg/L (RAT)
3-Methyl-2-Butenyl Acetate	1191-16-8	3000 mg/kg (RAT)	5001 mg/kg (RABBIT)	-
2-t-Butylcyclohexyl Acetate	88-41-5	= 4600 mg/kg (Rat)	-	-
Benzyl Acetate	140-11-4	4999 mg/kg (RAT)	5001 mg/kg (RABBIT)	-
2,6-Dimethyl-7-Octen-2-ol	18479-58-8	= 3600 mg/kg (Rat)	> 5 g/kg (Rabbit)	-
3-Hexenol	928-96-1	= 4700 mg/kg (Rat)	= 5000 mg/kg (Rabbit)	> 4.99 mg/L (Rat) 4 h
Diethyl Malonate	105-53-3	15795 mg/kg (RAT)	16961 mg/kg (RABBIT)	-
PPG-2 Methyl Ether	34590-94-8	5001 mg/kg (RAT)	9510 mg/kg (RABBIT)	-
Allyl Heptanoate	142-19-8	218 mg/kg (RAT)	810 mg/kg (RABBIT)	3 mg/l/4h (rat)
Ethyl 2,2-Dimethylhydrocinnamal	67634-15-5	5001 mg/kg (RAT)	5001 mg/kg (RABBIT)	-
2,4-Dimethyl-3-Cyclohexene Carboxaldehyde	68039-49-6	-	5000 mg/kg (RABBIT)	-
Cyclamen Aldehyde	103-95-7	4999 mg/kg (RAT)	5001 mg/kg (RAT)	-
Allyl Cyclohexylpropionate	2705-87-5	480 mg/kg (RAT)	1600 mg/kg (RABBIT)	-
Delta-Damascone	57378-68-4	1400 mg/kg (RAT)	5001 mg/kg (RABBIT)	-
Citral	5392-40-5	6800 mg/kg (RAT)	5001 mg/kg (RAT)	-
4-(4-methyl-3-pentenyl)Cyclohex-3-ene-1-carbaldehyde	37677-14-8	= 7500 µL/kg (Rat)	-	-
Cyclopropanecarboxylic acid, 2-methyl-2-[(1,2,4-trimethyl-2-penten-1-yl)oxy]propyl ester	676532-44-8	> 2000 mg/kg (Rat)	-	-
Isobutenyl Methyltetrahydropyran	16409-43-1	= 4300 mg/kg (Rat)	-	-
Lauraldehyde	112-54-9	//	5001 mg/kg (RABBIT)	//
Ethyl Methylphenylglycidate	77-83-8	= 5470 mg/kg (Rat)	5001 mg/kg (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

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

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).

U.S. State Regulations (RTK)

Chemical name	CAS No.	New Jersey
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Benzyl Acetate	140-11-4	X
Diethyl Malonate	105-53-3	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
3-Hexenol	928-96-1	X
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**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: 11-Mar-2024

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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 Safety Data Sheet