

SAFETY DATA SHEET



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Version 1

1. IDENTIFICATION

Product Name Febreze Set & Refresh - Hawaiian Aloha

Product ID: 99403933_RET_NG

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

Recommended Use Air freshener

Restrictions on Use Use only as directed on label.

Synonyms 96557627

Manufacturer PROCTER & GAMBLE - Fabric and Home Care Division
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Cincinnati, Ohio 45217-1087 USA

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CHEMTREC - 1-800-424-9300
(U.S./ Canada) or 1-703-527-3887
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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 - 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 % |
|--|----------|--------------|------------|-----------|
| 2,6-Dimethyl-7-Octen-2-ol | - | No | 18479-58-8 | 10 - 15 |
| Benzyl Acetate | - | No | 140-11-4 | 5 - 10 |
| Allyl heptanoate | - | No | 142-19-8 | 5 - 10 |
| Linalool | - | No | 78-70-6 | 5 - 10 |
| 2-Methylundecanal | - | No | 110-41-8 | 1 - 5 |
| Phenethyl alcohol | - | No | 60-12-8 | 1 - 5 |
| Decanal | - | No | 112-31-2 | 1 - 5 |
| α,β ,2,2,3-Pentamethylcyclopent-3-ene-1-butanol | - | No | 65113-99-7 | 1 - 5 |
| Raspberry Ketone | - | No | 5471-51-2 | 1 - 5 |
| Allyl (3-methylbutoxy)acetate | - | No | 67634-00-8 | 1 - 5 |
| Ethyl Linalool | - | No | 10339-55-6 | 1 - 5 |
| 3,7-Dimethyloctan-3-ol | - | No | 78-69-3 | 1 - 5 |
| Allyl 3-Cyclohexylpropionate | - | No | 2705-87-5 | 1 - 5 |
| Cyclamen Aldehyde | - | No | 103-95-7 | 1 - 5 |
| Coumarin | - | No | 91-64-5 | 1 - 5 |
| Amyl Cinnamal | - | No | 122-40-7 | 0.5 - 1.5 |
| Delta-Damascone | - | No | 57378-68-4 | 0.1 - 1.0 |
| 6-Methoxy-2,6-Dimethylheptanal | - | No | 62439-41-2 | 0.1 - 1.0 |
| 2,4-Dimethyl-3-Cyclohexene Carboxaldehyde | - | No | 68039-49-6 | 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 |
|----------------|----------|-------------|----------|------------|
| Benzyl Acetate | 140-11-4 | TWA: 10 ppm | | |

| 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 |

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 insufficient ventilation wear suitable respiratory equipment

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 | 88 °C / 191 °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) | - |
| Raspberry Ketone | 5471-51-2 | 1400 mg/kg (rat) | - | - |
| Phenethyl alcohol | 60-12-8 | 1610 mg/kg (rat) | - | - |
| Allyl (3-methylbutoxy)acetate | 67634-00-8 | 730 mg/kg (rat) | - | - |
| Allyl 3-Cyclohexylpropionate | 2705-87-5 | 480 mg/kg (rat) | 1600 mg/kg (rabbit) | - |
| Coumarin | 91-64-5 | 500 mg/kg (rat) | - | - |
| Delta-Damascone | 57378-68-4 | 1400 mg/kg (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 heptanoate), 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. (gamma-Undecalactone, Allyl heptanoate), 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, 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 |
|----------------|----------|------------|
| Benzyl Acetate | 140-11-4 | X |

| Chemical Name | CAS-No | Pennsylvania |
|--------------------|------------|--------------|
| Dipropylene Glycol | 25265-71-8 | X |
| 3-Hexenol | 928-96-1 | 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****Issuing Date:** 13-Apr-2015**Revision Date:** 13-Apr-2015**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