

SAFETY DATA SHEET



Issuing Date: 13-Dec-2018

Revision Date: 13-Dec-2018

Version 1

1. IDENTIFICATION

| | |
|---|--|
| Product Name | Febreze Small Spaces Linen & Sky |
| Product Identifier | 91912019_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-% |
|--|--|--------------|------------|-----------|
| Trimethylhexyl Acetate | 1-Hexanol, 3,5,5-trimethyl-, 1-acetate | No | 58430-94-7 | 10 - 15 |
| 4-tert-Butylcyclohexyl acetate | Cyclohexanol, 4-(1,1-dimethylethyl)-, 1-acetate | No | 32210-23-4 | 5 - 10 |
| Benzyl Acetate | Acetic acid, phenylmethyl ester | No | 140-11-4 | 5 - 10 |
| Phenethyl alcohol | Phenethyl Alcohol | No | 60-12-8 | 1 - 5 |
| Decanal | Decanal | No | 112-31-2 | 1 - 5 |
| 2,4-Dimethyl-3-Cyclohexene Carboxaldehyde | 3-Cyclohexene-1-carbo xaldehyde, 2,4-dimethyl- | No | 68039-49-6 | 1 - 5 |
| Dimethyl Heptenal | 5-Heptenal, 2,6-dimethyl- | No | 106-72-9 | 1 - 5 |
| Octahydro-4,7-methano-1H-ind enecarbaldehyde | 4,7-Methano-1H-indene carboxaldehyde, octahydro- | No | 30772-79-3 | 1 - 5 |
| Linalool | 1,6-Octadien-3-ol, 3,7-dimethyl- | No | 78-70-6 | 1 - 5 |
| Tetramethylbicyclo-2-heptene-2 -propionaldehyde | alpha-Pinyl Isobutyraldehyde | No | 33885-52-8 | 1 - 5 |
| Citral | 2,6-Octadienal, 3,7-dimethyl- | No | 5392-40-5 | 0.5 - 1.5 |
| Octanal | Octanal | No | 124-13-0 | 0.5 - 1.5 |
| Benzaldehyde | Benzaldehyde | No | 100-52-7 | 0.5 - 1.5 |
| Limonene | D-Limonene | No | 5989-27-5 | 0.5 - 1.5 |
| 2-Butanol, | Cyclohexanepropanol, | No | 83926-73-2 | 0.5 - 1.5 |

| | | | | |
|--|--|----|-------------|-----------|
| 4-Cyclohexyl-2-methyl- Alpha-Isomethyl Ionone | alpha,alpha-dimethyl- 3-Buten-2-one, 3-methyl-4-(2,6,6-trimethyl-2-cyclohexen-1-yl)- | No | 127-51-5 | 0.5 - 1.5 |
| Isocyclocitral | Isocyclocitral | No | 1335-66-6 | 0.5 - 1.5 |
| Coumarin | 2H-1-Benzopyran-2-one | No | 91-64-5 | 0.5 - 1.5 |
| trans-Menthone | Menthone/Isomenthone | No | 89-80-5 | 0.5 - 1.5 |
| Isobutenyl Methyltetrahydropyran | 2H-Pyran, Tetrahydro-4-methyl-2-(2-methyl-1-propenyl)-2 R-cis | No | 16409-43-1 | 0.1 - 1.0 |
| beta,4-Dimethyl-3-Cyclohexene-1-Propanal | 1-p-Menthene-9-carboxaldehyde | No | 6784-13-0 | 0.1 - 1.0 |
| trans-2-Hexanal | trans-2-Hexenal | No | 6728-26-3 | 0.1 - 1.0 |
| 1,3,4,6,7,8a-Hexahydro-1,1,5,5-Tetramethyl-2H-2,4a-Methanonaphthalen-8(5H)-one | 2H-2,4a-Methanonaphthalen-8(5H)-one, 1,3,4,6,7,8a-hexahydro-1,1,5,5-tetramethyl- | No | 23787-90-8 | 0.1 - 1.0 |
| Scentenal | Scentenal | No | 86803-90-9 | 0.1 - 1.0 |
| 4-(4-methyl-3-pentenyl)Cyclohex-3-ene-1-carbaldehyde | Myrac Aldehyde | No | 37677-14-8 | 0.1 - 1.0 |
| Lauraldehyde | Dodecanal | No | 112-54-9 | 0.1 - 1.0 |
| Delta-Damascone | delta Damascone | No | 57378-68-4 | 0.1 - 1.0 |
| Cyclamen Aldehyde | Cyclamen Aldehyde | No | 103-95-7 | 0.1 - 1.0 |
| Undecylenal | 10-Undecenal | No | 112-45-8 | 0.1 - 1.0 |
| Eugenol | Phenol, 2-methoxy-4-(2-propen-1-yl)- | No | 97-53-0 | 0.1 - 1.0 |
| Cinnamyl alcohol | 2-Propen-1-ol, 3-phenyl- | No | 104-54-1 | 0.1 - 1.0 |
| 1-Cyclohexene-1-Propanal, 4,4-Dimethyl- | 1-Cyclohexene-1-Propanal, 4,4-Dimethyl- | No | 850997-10-3 | 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 |
| (E)-Dodec-2-en-1-al | 2-Dodecenal, (2E)- | No | 20407-84-5 | 0.1 - 1.0 |
| Isoeugenol | Phenol, 2-methoxy-4-(1-propen-1-yl)- | No | 97-54-1 | 0.1 - 1.0 |
| Methylundecanal | Undecanal, 2-methyl- | No | 110-41-8 | 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 @20°C

Liquid

Appearance

light yellow to Yellow

Odor

characteristic

Odor threshold

No information available

Property

Values

Note

pH value

No information available

Melting Point / Freezing Point

No information available

Boiling point / boiling range

No information available

Flash point

79 °C / 174.2 °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 | 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 |
|-------------------|-----------|-----------------------------|-----------------------------|-----------------|
| Phenethyl alcohol | 60-12-8 | 1610 mg/kg bodyweight (rat) | - | - |
| Linalool | 78-70-6 | 2790 mg/kg bodyweight (rat) | - | - |
| Citral | 5392-40-5 | - | 2500 mg/kg bodyweight (rat) | - |
| Benzaldehyde | 100-52-7 | 1430 mg/kg (rat) | - | - |
| Octanal | 124-13-0 | // | // | // |
| Coumarin | 91-64-5 | 520 mg/kg bodyweight (rat) | - | - |
| trans-2-Hexanal | 6728-26-3 | 900 mg/kg (rat) | 600 mg/kg (rabbit) | - |
| Lauraldehyde | 112-54-9 | // | // | // |

| | | | | |
|---|-------------|-----------------------------|---------------------|---|
| Cyclamen Aldehyde | 103-95-7 | 3810 mg/kg bodyweight (rat) | - | - |
| Delta-Damascone | 57378-68-4 | 1400 mg/kg (rat) | - | - |
| Eugenol | 97-53-0 | 2300 mg/kg bodyweight (rat) | - | - |
| 1-Cyclohexene-1-Propanal, 4,4-Dimethyl- | 850997-10-3 | 500 mg/kg (rat) | - | - |
| Isoeugenol | 97-54-1 | 1500 mg/kg (rat) | 1900 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 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

UN no UN1266
UN Proper shipping name PERFUMERY PRODUCTS
Description UN1266, PERFUMERY PRODUCTS, III Combustible Liquid
Hazard Class Combustible
Packing Group III
Packaging Exceptions 150
Bulk packaging 242
Non-bulk Packaging 203
Emergency Response Guide Number 127
 Product may be shipped as Limited Quantity in retail packaging

IMDG

UN Number UN3082
UN proper shipping name ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
Description UN3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Trimethylhexyl Acetate, 2-t-Butylcyclohexyl Acetate), 9, III
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.
 (Trimethylhexyl Acetate, 2-t-Butylcyclohexyl Acetate), 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 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.

U.S. State Regulations (RTK)

| Chemical Name | CAS-No | New Jersey |
|----------------|----------|------------|
| Benzyl Acetate | 140-11-4 | X |
| Benzaldehyde | 100-52-7 | X |

| Chemical Name | CAS-No | Massachusetts |
|---------------|----------|---------------|
| Benzaldehyde | 100-52-7 | X |
| Octanal | 124-13-0 | X |

| Chemical Name | CAS-No | Pennsylvania |
|--------------------|------------|--------------|
| Benzaldehyde | 100-52-7 | X |
| Dipropylene Glycol | 25265-71-8 | X |
| Diphenyl ether | 101-84-8 | X |
| Isoamyl Acetate | 123-92-2 | 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: 13-Dec-2018

Revision Date: 13-Dec-2018

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