

SAFETY DATA SHEET



Issuing Date: 29-Apr-2016

Revision Date: 29-Apr-2016

Version 1

1. IDENTIFICATION

Product Name Febreze Air Effects Fresh Twist Cranberry

Product ID: 90932436_RET_NG

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

Recommended Use Air freshener.

Synonyms Febreze Air Effects Fresh Fall Pumpkin (90932554_RET_NG)
Febreze Air Effects Fresh-Cut Pine (90811483_RET_NG)

Manufacturer 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:.

Gases Under Pressure Compressed Gas

Signal Word WARNING

Hazard Statements

Hazard pictograms Contains gas under pressure; may explode if heated



| | |
|--|--|
| Precautionary Statements | Pressurized container: Do not pierce or burn, even after use |
| Precautionary Statements - Response | None |
| Precautionary Statements - Storage | Protect from sunlight. Store in a well-ventilated place |
| 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 % |
|---------------|----------|--------------|-----------|-----------|
| Ethanol | Ethanol | No | 64-17-5 | 1 - 5 |
| Nitrogen | Nitrogen | No | 7727-37-9 | 0.5 - 1.5 |

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 | Dry chemical, CO ₂ , alcohol-resistant foam or water spray. Dry chemical. Alcohol-resistant foam. |
| Unsuitable Extinguishing Media | None. |

| | |
|---|--|
| Special hazard | Containers may explode when heated or if contaminated with water. |
| 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 | Containers may explode when heated. |

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 | Keep out of waterways Do not discharge product into natural waters without pre-treatment or adequate dilution |

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. Prevent product from entering drains. Prevent further leakage or spillage if safe to do so. |
| 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). Do not puncture or incinerate cans. |

7. HANDLING AND STORAGE

Precautions for safe handling

| | |
|--------------------------------|---|
| Advice on safe handling | 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 | Keep containers tightly closed in a dry, cool and well-ventilated place. |
| Incompatible products | None known. |
| Aerosol Classification Level | 1 |

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Guidelines

| Chemical Name | CAS-No | ACGIH TLV | OSHA PEL | Mexico PEL |
|---------------|-----------|---|--|--|
| Ethanol | 64-17-5 | STEL: 1000 ppm | TWA: 1000 ppm TWA: 1900 mg/m ³ (vacated) TWA: 1000 ppm (vacated) TWA: 1900 mg/m ³ | Mexico: TWA 1000 ppm Mexico: TWA 1900 mg/m ³ |
| Nitrogen | 7727-37-9 | : See Appendix F: Minimal Oxygen Content | | |

| Chemical Name | CAS-No | Alberta | Quebec | Ontario TWAEV | British Columbia |
|---------------|---------|--|--|----------------|------------------|
| Ethanol | 64-17-5 | TWA: 1000 ppm TWA: 1880 mg/m ³ | TWA: 1000 ppm TWA: 1880 mg/m ³ | STEL: 1000 ppm | STEL: 1000 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:
No special protective equipment required

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 | aerosols |
| Appearance | Clear light yellow translucent |
| Odor | Perfume |
| Odor threshold | No information available |

| <u>Property</u> | <u>Values</u> | <u>Note</u> |
|------------------------------------|--------------------------|-------------|
| pH value | 4.5 | |
| Melting/freezing point | No information available | |
| Boiling point/boiling range | No information available | |
| Flash point | No information available | |
| 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 | 0.987-0.999 | |
| Water solubility | No information available | |

| | |
|---|---|
| Partition coefficient: n-octanol/water | No information available |
| Autoignition temperature | No information available |
| Decomposition temperature | No information available |
| Viscosity of Product | 1-10 mPa s mm ² /s |
| 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 | None under normal processing. |
| Materials to avoid | None in particular. |
| Hazardous Decomposition Products | None under normal use conditions. |

11. TOXICOLOGICAL INFORMATION

Product Information

Information on likely routes of exposure

| | |
|---------------------|---|
| Inhalation | Intentional misuse by deliberately concentrating and inhaling contents may be harmful or fatal. |
| Skin contact | No known effect. |
| Ingestion | No known effect. |
| Eye contact | No known effect. |

Delayed and immediate effects as well as chronic effects from short and long-term exposure

| | |
|--|------------------|
| Acute toxicity | No known effect. |
| Skin corrosion/irritation | No known effect. |
| Serious eye damage/eye irritation | No known effect. |
| Skin sensitization | No known effect. |
| 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 |
|---------------|---------|---------------------------|-------------|-----------------------------|
| Ethanol | 64-17-5 | 10470 mg/kg bw (OECD 401) | - | 116.9 mg/L air (//OECD 403) |

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

| | |
|---|--|
| Waste from Residues / Unused Products | Aerosol cans, when disposed as waste, are regulated as D003 reactive hazardous waste in some States because of their potential to explode when heated. Check with your State environmental agency for guidance. |
| Contaminated packaging | Pressurized container: Do not pierce or burn, even after use. |
| California Hazardous Waste Codes (non-household setting) | 331 |
| Disposal recommendations | Products covered by this SDS, in their original form, when disposed from a commercial facility as waste, are ignitable hazardous waste, D001, according to Federal RCRA regulations(40 CFR 261). Disposal should be in accordance with Local, State and Federal regulations. |

14. TRANSPORT INFORMATION

DOT

| | |
|--|-----------------------|
| UN no | UN1950 |
| UN Proper shipping name | Aerosols |
| Description | UN1950, Aerosols, 2.2 |
| Hazard Class | 2.2 |
| Emergency Response Guide Number | 126 |

IMDG

| | |
|-------------------------------------|----------------------------|
| UN Number | UN1950 |
| UN Proper shipping name | Aerosols |
| Description | UN1950, Aerosols, 2 |
| Transport hazard class(es) | 2 |
| Special precautions for user | 63,190, 277, 327, 344, 959 |
| EmS-No | F-D, S-U |

IATA

| | |
|--------------------------------|---|
| UN no | UN1950 |
| UN Proper shipping name | Aerosols, non-flammable |
| Description | UN1950, Aerosols, non-flammable, 2.2 |
| Hazard Class | 2.2 |
| ERG Code | 2L |
| IATA comment | The shipper is responsible for identifying any exemptions, including Limited Quantity, that may apply based on package size |

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 |
|------------------|-----------|--------------------------|------------------------------------|---------------------|
| Sodium hydroxide | 1310-73-2 | 1000 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 |
|------------------|-----------|-----------------------------|------------------------|---------------------------|----------------------------|
| Sodium hydroxide | 1310-73-2 | 1000 lb | - | - | 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 |
|---------------|-----------|------------|
| Ethanol | 64-17-5 | X |
| Nitrogen | 7727-37-9 | X |

| Chemical Name | CAS-No | Massachusetts |
|---------------|-----------|---------------|
| Ethanol | 64-17-5 | X |
| Nitrogen | 7727-37-9 | X |

| Chemical Name | CAS-No | Pennsylvania |
|---------------|-----------|--------------|
| Ethanol | 64-17-5 | X |
| Nitrogen | 7727-37-9 | 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: 29-Apr-2016
 Revision Date: 29-Apr-2016
 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