

# SAFETY DATA SHEET



**Issuing Date:** 14-Jul-2016

**Revision date** 16-May-2024

**Revision Number** 1.02

## 1. IDENTIFICATION

**Product Name** Febreze Heavy Duty Crisp Clean

**Product Identifier** 96443076\_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

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**

Contains gas under pressure; may explode if heated

**Hazard pictograms**



**Precautionary Statements** Pressurized container: Do not pierce or burn, even after use

Keep away from heat/sparks/open flames/hot surfaces. — No smoking  
Do not spray on an open flame or other ignition source  
P410 + P403 - Protect from sunlight. Store in a well-ventilated place

**Precautionary Statements - Response** None

**Precautionary Statements - Storage** Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F

**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-%  |
|---------------|------------|--------------|-----------|-----------|
| Alcohol       | Ethanol    | No           | 64-17-5   | 1 - 5     |
| Nitrogen Gas  | Nitrogen   | No           | 7727-37-9 | 0.5 - 1.5 |
| Limonene      | D-Limonene | No           | 5989-27-5 | 0.1 - 1.0 |
| Linalool      | Linalool   | No           | 78-70-6   | 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.

#### Indication of any immediate medical attention and special treatment needed

**Notes to Physician** Treat symptomatically.

### 5. FIRE-FIGHTING MEASURES

**Suitable extinguishing media** Dry chemical, CO2, alcohol-resistant foam or water spray. Dry chemical. Alcohol resistant foam.

**Unsuitable Extinguishing Media** None.

**Special Hazard** Containers may explode when heated. Containers may explode when heated or if contaminated with water. Extremely flammable. May form explosive mixtures with air.

**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

|                                        |                                                                                                                              |
|----------------------------------------|------------------------------------------------------------------------------------------------------------------------------|
| <b>Personal precautions</b>            | Use personal protective equipment as required. Do not get in eyes, on skin, or on clothing. Avoid breathing vapors or mists. |
| <b>Advice for emergency responders</b> | Use personal protective equipment as required.                                                                               |
| <b>Environmental precautions</b>       | Keep out of waterways<br>Do not discharge product into natural waters without pre-treatment or adequate dilution             |

### Methods and material for containment and cleaning up

|                                |                                                                                                                                                                                                                                                                                                                                                              |
|--------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Methods for containment</b> | 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. Ventilate the area.                                                                                                                                     |
| <b>Methods for cleaning up</b> | 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. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). |

## 7. HANDLING AND STORAGE

### Precautions for safe handling

|                                |                                                                                                                                                                                                                                                                                                               |
|--------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Advice on safe handling</b> | 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. Keep away from open flames, hot surfaces and sources of ignition. Observe label precautions. Avoid breathing vapors or mists. |
|--------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

### Conditions for safe storage, including any incompatibilities

|                                          |                                                                          |
|------------------------------------------|--------------------------------------------------------------------------|
| <b>Storage Conditions</b>                | Keep containers tightly closed in a dry, cool and well-ventilated place. |
| <b>Incompatible products</b>             | None known.                                                              |
| <b>NFPA Aerosol Classification Level</b> | 1                                                                        |

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control parameters

#### Exposure Guidelines

| Chemical name | CAS No.   | ACGIH TLV                                                        | OSHA PEL                                                                                                         | Mexico            |
|---------------|-----------|------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|-------------------|
| Alcohol       | 64-17-5   | STEL: 1000 ppm                                                   | TWA: 1000 ppm<br>TWA: 1900 mg/m <sup>3</sup><br>(vacated) TWA: 1000 ppm<br>(vacated) TWA: 1900 mg/m <sup>3</sup> | VLE-CT: 1000 ppm  |
| Nitrogen Gas  | 7727-37-9 | : See Appendix F:<br>Minimal Oxygen Content<br>Simple asphyxiant |                                                                                                                  | Simple asphyxiant |

| Chemical name | CAS No.   | Alberta                                      | Quebec         | Ontario TWAEV  | British Columbia |
|---------------|-----------|----------------------------------------------|----------------|----------------|------------------|
| Alcohol       | 64-17-5   | TWA: 1000 ppm<br>TWA: 1880 mg/m <sup>3</sup> | STEL: 1000 ppm | STEL: 1000 ppm | STEL: 1000 ppm   |
| Nitrogen Gas  | 7727-37-9 |                                              |                | TWA:           |                  |

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:**  
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

**Hygiene Measures**

Avoid breathing vapors, mist or gas  
When using, do not eat, drink or smoke

**9. PHYSICAL AND CHEMICAL PROPERTIES**

|                |                          |
|----------------|--------------------------|
| Physical state | Aerosol                  |
| Appearance     | clear translucent Hazy   |
| Odor           | Cologne                  |
| Odor threshold | No information available |

| <u>Property</u>                         | <u>Values</u>            | <u>Remarks</u> |
|-----------------------------------------|--------------------------|----------------|
| pH                                      | 4.5                      |                |
| Melting point / freezing point          | No information available |                |
| Initial boiling point and boiling range | 83 °C / 181 °F           |                |
| Flash point                             | 50 °C / 122 °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          | 0.987-0.999              |
| Water solubility          | No information available |
| Partition coefficient     | No information available |
| Autoignition temperature  | No information available |
| Decomposition temperature | No information available |
| Viscosity                 | 1-10 mPa s mm2/s         |
| VOC content               | .?%                      |

## 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. Extremes of temperature and direct sunlight. |
| 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   | 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. |
| 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  |
|---------------|---------|-----------------------------|---------------------|------------------|
| Alcohol       | 64-17-5 | 10470 mg/kg (RAT)           | -                   | 116.9 mg/L (RAT) |
| Linalool      | 78-70-6 | 2790 mg/kg bodyweight (RAT) | 5610 mg/kg (RABBIT) | 21 mg/L (RAT)    |

## 12. ECOLOGICAL INFORMATION

### ecotoxicity

The product is not expected to be hazardous to the environment.

|                                      |                           |
|--------------------------------------|---------------------------|
| <b>Persistence and degradability</b> | No information available. |
| <b>Bioaccumulative potential</b>     | No information available. |
| <b>Mobility</b>                      | No information available. |
| <b>Other adverse effects</b>         | No information available. |

### 13. DISPOSAL CONSIDERATIONS

#### Disposal methods

|                                                                 |                                                                                                                                                                                                                 |
|-----------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Waste from Residues/Unused Products</b>                      | 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. |
| <b>Contaminated packaging</b>                                   | Pressurized container: Do not pierce or burn, even after use. Empty containers may contain flammable or explosive vapors.                                                                                       |
| <b>California Hazardous Waste Codes (non-household setting)</b> | 331                                                                                                                                                                                                             |

### 14. TRANSPORT INFORMATION

#### DOT

|                                        |                       |
|----------------------------------------|-----------------------|
| <b>UN number or ID number</b>          | UN1950                |
| <b>Proper shipping name</b>            | Aerosols              |
| <b>Description</b>                     | UN1950, Aerosols, 2.2 |
| <b>Transport hazard class(es)</b>      | 2.2                   |
| <b>Packaging Exceptions</b>            | 306                   |
| <b>Bulk packaging</b>                  | None                  |
| <b>Non-bulk Packaging</b>              | None                  |
| <b>Emergency Response Guide Number</b> | 126                   |

Product may be shipped as Limited Quantity in retail packaging. The shipper is responsible for identifying any exemptions, including Limited Quantity, that may apply based on package size.

#### IMDG

|                                   |                       |
|-----------------------------------|-----------------------|
| <b>UN number or ID number</b>     | UN1950                |
| <b>UN proper shipping name</b>    | Aerosols              |
| <b>Description</b>                | UN1950, Aerosols, 2.2 |
| <b>Transport hazard class(es)</b> | 2.2                   |
| <b>EmS-No.</b>                    | F-D, S-U              |

The shipper is responsible for identifying any exemptions, including Limited Quantity, that may apply based on package size.

#### IATA

|                                            |                                      |
|--------------------------------------------|--------------------------------------|
| <b>UN number or ID number</b>              | UN1950                               |
| <b>UN proper shipping name</b>             | aerosols                             |
| <b>Description</b>                         | UN1950, Aerosols, non-flammable, 2.2 |
| <b>Transport hazard class(es)</b>          | 2.2                                  |
| <b>Precautionary Statements - Response</b> | 2L                                   |

Product is not regulated for transport by air in retail packaging per IATA Special Provision A197. 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

**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                          |

**U.S. State Regulations (RTK)**

| Chemical name | CAS No.   | New Jersey |
|---------------|-----------|------------|
| Alcohol       | 64-17-5   | X          |
| Nitrogen Gas  | 7727-37-9 | X          |

| Chemical name | CAS No.   | Massachusetts |
|---------------|-----------|---------------|
| Alcohol       | 64-17-5   | X             |
| Nitrogen Gas  | 7727-37-9 | X             |

| Chemical name | CAS No.   | Pennsylvania |
|---------------|-----------|--------------|
| Alcohol       | 64-17-5   | X            |
| Nitrogen Gas  | 7727-37-9 | 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

|                              |
|------------------------------|
| <b>16. OTHER INFORMATION</b> |
|------------------------------|

**HMIS****NFPA**

**Issuing Date:** 14-Jul-2016  
**Revision date** 16-May-2024  
**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**



# SAFETY DATA SHEET



**Issuing Date:** 20-May-2016

**Revision date** 05-Aug-2021

**Revision Number** 1.02

## 1. IDENTIFICATION

|                                                         |                                                                                                                                                                                                                                                |
|---------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Name</b>                                     | Febreze Air Effects Linen & sky                                                                                                                                                                                                                |
| <b>Product Identifier</b>                               | 90932433_RET_NG                                                                                                                                                                                                                                |
| <b>Product Type:</b>                                    | Finished Product - Retail                                                                                                                                                                                                                      |
| <b>Recommended use</b>                                  | Air freshener.                                                                                                                                                                                                                                 |
| <b>Details of the supplier of the safety data sheet</b> | PROCTER & GAMBLE - Fabric and Home Care Division<br>Ivorydale Technical Centre<br>5289 Spring Grove Avenue<br>Cincinnati, Ohio 45217-1087 USA<br><br>Procter & Gamble Inc.<br>P.O. Box 355, Station A<br>Toronto, ON M5W 1C5<br>1-800-331-3774 |
| <b>E-mail Address</b>                                   | pgsds.im@pg.com                                                                                                                                                                                                                                |
| <b>Emergency Telephone</b>                              | Transportation (24 HR)<br>CHEMTREC - 1-800-424-9300<br>(U.S./ Canada) or 1-703-527-3887<br>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:.

|                             |                                                                                     |
|-----------------------------|-------------------------------------------------------------------------------------|
| <b>Gases under pressure</b> | Compressed Gas                                                                      |
| <b>Signal word</b>          | Warning                                                                             |
| <b>Physical hazards</b>     | Contains gas under pressure; may explode if heated                                  |
| <b>Hazard pictograms</b>    |  |

|                                 |                                                                                                                                                                                             |
|---------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Precautionary Statements</b> | Pressurized container: Do not pierce or burn, even after use<br>Keep away from heat/sparks/open flames/hot surfaces. — No smoking<br>Do not spray on an open flame or other ignition source |
|---------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

P410 + P403 - Protect from sunlight. Store in a well-ventilated place  
P102 - Keep out of reach of children

**Precautionary Statements - Response** None

**Precautionary Statements - Storage** Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F

**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-%  |
|---------------|----------|--------------|-----------|-----------|
| Ethanol       | Ethanol  | No           | 64-17-5   | 1 - 5     |
| Nitrogen      | Nitrogen | No           | 7727-37-9 | 0.5 - 1.5 |

**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.

#### Indication of any immediate medical attention and special treatment needed

**Notes to Physician** Treat symptomatically.

### 5. FIRE-FIGHTING MEASURES

**Suitable extinguishing media** Dry chemical, CO2, alcohol-resistant foam or water spray. Dry chemical. Alcohol resistant foam.

**Unsuitable Extinguishing Media** None.

**Special hazard** Containers may explode when heated.

**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

|                                        |                                                                                                                  |
|----------------------------------------|------------------------------------------------------------------------------------------------------------------|
| <b>Personal precautions</b>            | Use personal protective equipment as required. Do not get in eyes, on skin, or on clothing.                      |
| <b>Advice for emergency responders</b> | Use personal protective equipment as required.                                                                   |
| <b>Environmental precautions</b>       | Keep out of waterways<br>Do not discharge product into natural waters without pre-treatment or adequate dilution |

**Methods and material for containment and cleaning up**

|                                |                                                                                                                                                                                                                                                                     |
|--------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Methods for containment</b> | 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.                                                                |
| <b>Methods for cleaning up</b> | 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**

|                                |                                                                                                                                                                                 |
|--------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Advice on safe handling</b> | 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**

|                                          |                                                                          |
|------------------------------------------|--------------------------------------------------------------------------|
| <b>Storage Conditions</b>                | Keep containers tightly closed in a dry, cool and well-ventilated place. |
| <b>Incompatible products</b>             | None known.                                                              |
| <b>NFPA Aerosol Classification Level</b> | 1                                                                        |

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION****Control parameters**

|                            |                                             |
|----------------------------|---------------------------------------------|
| <b>Exposure Guidelines</b> | No exposure limits noted for ingredient(s). |
|----------------------------|---------------------------------------------|

No relevant exposure guidelines for other ingredients

**Appropriate engineering controls**

|                             |                                                                                                                                                                                                                                                                                                       |
|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Engineering Measures</b> | <b>Distribution, Workplace and Household Settings:</b><br>Ensure adequate ventilation<br><br><b>Product Manufacturing Plant (needed at Product-Producing Plant ONLY):</b><br>Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction |
|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

**Personal Protective Equipment**

|                        |                                                                                                                                                                                                                          |
|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Eye Protection</b>  | <b>Distribution, Workplace and Household Settings:</b><br>No special protective equipment required<br><br><b>Product Manufacturing Plant (needed at Product-Producing Plant ONLY):</b><br>Use appropriate eye protection |
| <b>Hand Protection</b> | <b>Distribution, Workplace and Household Settings:</b>                                                                                                                                                                   |

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                          | Aerosol                                                                                     |                |
| Appearance                              | Clear Yellow                                                                                |                |
| Odor                                    | Cologne                                                                                     |                |
| Odor threshold                          | No information available                                                                    |                |
| <u>Property</u>                         | <u>Values</u>                                                                               | <u>Remarks</u> |
| pH                                      | 4.5                                                                                         |                |
| Melting point / freezing point          | No information available                                                                    |                |
| Initial boiling point and boiling range | 83 °C / 182 °F                                                                              |                |
| Flash point                             | No information available                                                                    | .              |
| 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                        | 0.987-0.999                                                                                 |                |
| Water solubility                        | No information available                                                                    |                |
| Partition coefficient                   | No information available                                                                    |                |
| Autoignition temperature                | No information available                                                                    | .              |
| Decomposition temperature               | No information available                                                                    | .              |
| Viscosity                               | 1-10mPa-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.            |

**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** 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.  
**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 |
|---------------|---------|---------------------------|-------------|-----------------|
| Ethanol       | 64-17-5 | 10470 mg/kg bw (OECD 401) | -           | -               |

## 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 methods

**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. Aerosol cans, when disposed as waste, may be managed as RCRA Universal Wastes as of February 2020. If not disposed as Universal Waste, aerosols 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** 331  
(non-household setting)

#### 14. TRANSPORT INFORMATION

##### DOT

|                                 |                       |
|---------------------------------|-----------------------|
| UN/ID no                        | UN1950                |
| UN Proper shipping name         | Aerosols              |
| Description                     | UN1950, Aerosols, 2.2 |
| Transport hazard class(es)      | 2.2                   |
| Packaging Exceptions            | 306                   |
| Bulk packaging                  | None                  |
| Non-bulk Packaging              | None                  |
| Emergency Response Guide Number | 126                   |

##### IMDG

|                            |                       |
|----------------------------|-----------------------|
| UN number or ID number     | UN1950                |
| UN proper shipping name    | Aerosols              |
| Description                | UN1950, Aerosols, 2.2 |
| Transport hazard class(es) | 2.2                   |
| EmS-No                     | F-D, S-U              |

##### IATA

|                                     |                                      |
|-------------------------------------|--------------------------------------|
| UN number or ID number              | UN1950                               |
| UN proper shipping name             | Aerosols                             |
| Description                         | UN1950, Aerosols, non-flammable, 2.2 |
| Transport hazard class(es)          | 2.2                                  |
| Precautionary Statements - Response | 2L                                   |

#### 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 |
|---------------|--------|------------|
|---------------|--------|------------|

|          |           |   |
|----------|-----------|---|
| 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            |

**California Proposition 65**

This product is not subject to warning labeling under California Proposition 65.

**International Inventories****United States**

For R&D Use Only

**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:** 20-May-2016

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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**