

1. IDENTIFICATION

| | |
|---|---|
| Product Name | Febreze Professional Concentrated Sanitizing Fabric Refresher |
| Product Code(s) | 8-35 |
| Product Identifier | 97336982_PROF_NG |
| Product Type: | Finished Product - Professional Use Only |
| Recommended Use | Fabric Refresher. |
| Details of the supplier of the safety data sheet | Procter & Gamble Professional 1 P&G Plaza Cincinnati, Ohio 45202 Procter & Gamble Inc. P.O. Box 355, Station A Toronto, ON M5W 1C5 1-800-332-7787 |
| 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

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 1 |

Signal Word DANGER

Hazard Statements Causes serious eye damage
Causes skin irritation

Hazard pictograms



Precautionary Statements Wash hands thoroughly after handling

Precautionary Statements - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if

Response present and easy to do. Continue rinsing
Immediately call a POISON CENTER or doctor/physician
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

Precautionary Statements - Storage None

Precautionary Statements - Disposal Dispose of contents/container in accordance with local regulation

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-% |
|----------------------------------|---|--------------|-----------|----------|
| 2,2'-Oxybisethanol | Ethanol, 2,2'-oxybis- | Yes | 111-46-6 | 1 - 5 |
| Ethanol | Ethanol | Yes | 64-17-5 | 1 - 5 |
| Didecyldimethylammonium chloride | 1-Decanaminium, N-decyl-N,N-dimethyl-, chloride (1:1) | Yes | 7173-51-5 | 1 - 5 |

Additional information Actual concentrations withheld as trade secret in accordance with Canadian HPR

4. FIRST AID MEASURES

First aid measures for different exposure routes

Eye contact Rinse with plenty of water. Call a physician immediately.

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 Dry chemical, CO₂, alcohol-resistant foam or water spray.

Unsuitable Extinguishing Media None.

Special hazard None known.

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 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.

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 |

| 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:
Requires Eye Protection

Product Manufacturing Plant (needed at Product-Producing Plant ONLY):
Wear safety glasses with side shields (or goggles)
If splashes are likely to occur, wear:
Tight sealing safety goggles

Hand Protection

Distribution, Workplace and Household Settings:
Protective gloves

Product Manufacturing Plant (needed at Product-Producing Plant ONLY):
For sensitive skin or prolonged use, wear gloves

Skin and Body Protection

Manufacturing Sites:
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

| | | |
|---|--|---|
| <p>Physical State @20°C Appearance Odor Odor threshold</p> | <p>Liquid Clear Aromatic No information available</p> | |
| <p><u>Property</u> pH value Melting Point / Freezing Point Boiling point / boiling range Flash point</p> | <p><u>Values</u> 6 - 7 No information available No information available 93.3 °C / 199.9 °F</p> | <p><u>Note</u></p> <p>Does not sustain combustion. Product is an aqueous solution containing <=24% alcohol and >=50% water.</p> |
| <p>Evaporation rate Flammability (solid, gas) Flammability Limits in Air Upper flammability limit Lower Flammability Limit Vapor pressure Vapor density Relative density Water solubility Partition coefficient: n-octanol/water Autoignition temperature Decomposition temperature Viscosity VOC Content (%)</p> | <p>No information available No information available No information available No information available No information available No information available No information available No information available No information available No information available No information available No information available Products comply with US state and federal regulations for VOC content in consumer products.</p> | |

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 | No known effect. |
| Skin contact | Irritating to skin. |
| Ingestion | No known effect. |
| Eye contact | Risk of serious damage to eyes. |

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 | Risk of serious damage to eyes. |
| 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 | Oral LD50 | Dermal LD50 | Inhalation LC50 |
|----------------------------------|-----------|---------------------------|-------------|-----------------------------|
| Ethanol | 64-17-5 | 10470 mg/kg bw (OECD 401) | - | 116.9 mg/L air (//OECD 403) |
| Didecyldimethylammonium chloride | 7173-51-5 | 329 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 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 Not regulated

IATA Not regulated

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 |
|------------------|-----------|--------------------------|------------------------------------|---------------------|
| Maleic acid | 110-16-7 | 5000 lb | - | |
| 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 |
|------------------|-----------|-----------------------------|------------------------|---------------------------|----------------------------|
| Maleic acid | 110-16-7 | 5000 lb | - | - | X |
| 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 |

| Chemical Name | CAS-No | Massachusetts |
|---------------|---------|---------------|
| Ethanol | 64-17-5 | X |

| Chemical Name | CAS-No | Pennsylvania |
|--------------------|-----------|--------------|
| 2,2'-Oxybisethanol | 111-46-6 | X |
| Ethanol | 64-17-5 | X |
| Ethanol | 64-17-5 | X |
| Maleic acid | 110-16-7 | X |
| Sodium hydroxide | 1310-73-2 | 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

FIFRA

This chemical is a pesticide product registered by the United States Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets (SDS), and for workplace labels of non-pesticide chemicals. The hazard information required on the pesticide label is reproduced below. The pesticide label also includes other important information, including directions for use. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

EPA Registration number: 3573-101
DANGER
Corrosive
Causes irreversible eye damage
HARMFUL IF ABSORBED THROUGH SKIN
Harmful if inhaled

16. OTHER INFORMATION

Issuing Date: 12-Jul-2017

Revision Date: 14-May-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