# 1. IDENTIFICATION

**Product Name:** Febreze Noticeables Air Freshener - Heavy Duty Crisp Clean (1 of 2)

**Product ID:** 96451167_RET_NG

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

**Recommended Use:** Air freshener

**Restrictions on Use:** Use only as directed on label.

**Synonyms:** 96291601

**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

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# 2. HAZARD IDENTIFICATION

"Consumer Products", as defined by the US Consumer Product Safety Act and which are used as intended (typical consumer duration and frequency), are exempt from the OSHA Hazard Communication Standard (29 CFR 1910.1200). This SDS is being provided as a courtesy to help assist in the safe handling and proper use of the product.

This product is classified under 29CFR 1910.1200(d) and the Canadian Hazardous Products Regulation as follows:

**Hazard Category**
- Skin corrosion/irritation: Category 2
- Eye Damage / Irritation: Category 2A
- Skin sensitization: Category 1
- Flammable Liquids: Category 4

**Signal Word:** WARNING

**Hazard Statements**
- Causes serious eye irritation
- Causes skin irritation
- May cause an allergic skin reaction
3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients are listed according to 29CFR 1910.1200 Appendix D and the Canadian Hazardous Products Regulation

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Synonyms</th>
<th>Trade Secret</th>
<th>CAS-No</th>
<th>Weight %</th>
</tr>
</thead>
<tbody>
<tr>
<td>PPG-2 Methyl Ether</td>
<td>-</td>
<td>No</td>
<td>34590-94-8</td>
<td>40 - 100</td>
</tr>
<tr>
<td>Benzyl Acetate</td>
<td>-</td>
<td>No</td>
<td>140-11-4</td>
<td>5 - 10</td>
</tr>
<tr>
<td>Linalool</td>
<td>-</td>
<td>No</td>
<td>78-70-6</td>
<td>5 - 10</td>
</tr>
<tr>
<td>2,6-Dimethyl-7-Octen-2-ol</td>
<td>-</td>
<td>No</td>
<td>18479-58-8</td>
<td>1 - 5</td>
</tr>
<tr>
<td>Linalyl acetate</td>
<td>-</td>
<td>No</td>
<td>115-95-7</td>
<td>1 - 5</td>
</tr>
<tr>
<td>Cyclamen Aldehyde</td>
<td>-</td>
<td>No</td>
<td>103-95-7</td>
<td>1 - 5</td>
</tr>
<tr>
<td>Limonene</td>
<td>-</td>
<td>No</td>
<td>5989-27-5</td>
<td>1 - 5</td>
</tr>
<tr>
<td>Terpineol</td>
<td>-</td>
<td>No</td>
<td>8000-41-7</td>
<td>1 - 5</td>
</tr>
<tr>
<td>Nopyl acetate</td>
<td>-</td>
<td>No</td>
<td>128-51-8</td>
<td>0.1 - 1.0</td>
</tr>
<tr>
<td>Acetylcedrene</td>
<td>-</td>
<td>No</td>
<td>32388-55-9</td>
<td>0.1 - 1.0</td>
</tr>
<tr>
<td>2,4-Dimethyl-3-Cyclohexene Carboxaldehyde</td>
<td>-</td>
<td>No</td>
<td>68039-49-6</td>
<td>0.1 - 1.0</td>
</tr>
<tr>
<td>beta-Pinene</td>
<td>-</td>
<td>No</td>
<td>127-91-3</td>
<td>0.1 - 1.0</td>
</tr>
<tr>
<td>Lauraldehyde</td>
<td>-</td>
<td>No</td>
<td>112-54-9</td>
<td>0.1 - 1.0</td>
</tr>
<tr>
<td>Geranyl acetate</td>
<td>-</td>
<td>No</td>
<td>105-87-3</td>
<td>0.1 - 1.0</td>
</tr>
</tbody>
</table>

4. FIRST AID MEASURES
First aid measures for different exposure routes

Eye contact  
Rinse with plenty of water. Get medical attention immediately if irritation persists.

Skin contact  
Rinse with plenty of water. Get medical attention if irritation develops and persists.

Ingestion  
Drink 1 or 2 glasses of water. Do NOT induce vomiting. Get medical attention immediately if symptoms occur.

Inhalation  
Move to fresh air. If symptoms persist, call a physician.

Most important symptoms/effects, acute and delayed  
None under normal use conditions.

Indication of immediate medical attention and special treatment needed, if necessary

Notes to Physician  
Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media  
In case of fire: Use water, CO2, dry chemical, or foam for extinction.

Unsuitable Extinguishing Media  
Do not use a solid water stream as it may scatter and spread fire.

Special hazard  
Combustible liquid.

Special protective equipment for fire-fighters  
As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

Specific hazards arising from the chemical  
None.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions  
Use personal protective equipment. Do not get in eyes, on skin, or on clothing.

Advice for emergency responders  
Use personal protective equipment as required.

Methods and materials for containment and cleaning up

Methods for containment  
Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal.

Methods for cleaning up  
Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13).

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling  
Keep away from open flames, hot surfaces and sources of ignition. Use personal protective equipment as required. Keep container closed when not in use. Never return spills in original containers for re-use. Keep out of the reach of children.

Conditions for safe storage, including any incompatibilities
Storage Conditions
Store in a cool/low-temperature, well-ventilated, dry place away from heat and ignition sources.

Incompatible products
None known.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Guidelines

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS-No</th>
<th>ACGIH TLV</th>
<th>OSHA PEL</th>
<th>Mexico PEL</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>STEL: 150 ppm</td>
<td>TWA: 100 ppm</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>TWA: 100 ppm</td>
<td>TWA: 600 mg/m³</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>S*</td>
<td>(vacated) TWA: 100 ppm</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>(vacated) STEL: 900 mg/m³</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>S*</td>
<td></td>
</tr>
<tr>
<td>PPG-2 Methyl Ether</td>
<td>34590-94-8</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Benzyl Acetate</td>
<td>140-11-4</td>
<td>TWA: 10 ppm</td>
<td></td>
<td></td>
</tr>
<tr>
<td>beta-Pinene</td>
<td>127-91-3</td>
<td>TWA: 20 ppm</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS-No</th>
<th>Alberta</th>
<th>Quebec</th>
<th>Ontario TWAEV</th>
<th>British Columbia</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>TWA: 100 ppm</td>
<td>TWA: 606 mg/m³</td>
<td>TWA: 100 ppm</td>
<td>TWA: 100 ppm</td>
</tr>
<tr>
<td></td>
<td></td>
<td>STEL: 150 ppm</td>
<td>STEL: 909 mg/m³</td>
<td>STEL: 150 ppm</td>
<td>STEL: 150 ppm</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Skin</td>
<td>Skin</td>
<td>Skin</td>
<td>Skin</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>STEL: 150 ppm</td>
<td>STEL: 909 mg/m³</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>S*</td>
<td>S*</td>
<td>S*</td>
</tr>
<tr>
<td>PPG-2 Methyl Ether</td>
<td>34590-94-8</td>
<td></td>
<td></td>
<td>TWA: 100 ppm</td>
<td>TWA: 100 ppm</td>
</tr>
<tr>
<td>Benzyl Acetate</td>
<td>140-11-4</td>
<td>TWA: 10 ppm</td>
<td>TWA: 61 mg/m³</td>
<td>TWA: 10 ppm</td>
<td>TWA: 10 ppm</td>
</tr>
<tr>
<td>beta-Pinene</td>
<td>127-91-3</td>
<td>TWA: 20 ppm</td>
<td>TWA: 111 mg/m³</td>
<td>TWA: 20 ppm</td>
<td>TWA: 20 ppm</td>
</tr>
</tbody>
</table>

No relevant exposure guidelines for other ingredients

Exposure controls

Engineering Measures
Distribution, Workplace and Household Settings:
Ensure adequate ventilation

Product Manufacturing Plant (needed at Product-Producing Plant ONLY):
Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction

Personal Protective Equipment

Eye Protection
Distribution, Workplace and Household Settings:
No special protective equipment required

Product Manufacturing Plant (needed at Product-Producing Plant ONLY):
Use appropriate eye protection

Hand Protection
Distribution, Workplace and Household Settings:
For sensitive skin or prolonged use, wear gloves

Product Manufacturing Plant (needed at Product-Producing Plant ONLY):
Protective gloves

Skin and Body Protection
Distribution, Workplace and Household Settings:
No special protective equipment required
Product Manufacturing Plant (needed at Product-Producing Plant ONLY):
Wear suitable protective clothing

Respiratory Protection
Distribution, Workplace and Household Settings:
No special protective equipment required

Product Manufacturing Plant (needed at Product-Producing Plant ONLY):
In case of insufficient ventilation wear suitable respiratory equipment

9. PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Values</th>
<th>Note</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical State @20°C</td>
<td>liquid</td>
<td></td>
</tr>
<tr>
<td>Appearance</td>
<td>clear to amber</td>
<td></td>
</tr>
<tr>
<td>Odor</td>
<td>Scented</td>
<td></td>
</tr>
<tr>
<td>Odor threshold</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>pH value</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Melting/freezing point</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Boiling point/boiling range</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Flash point</td>
<td>66.5 - 75 °C / 152 - 167 °F</td>
<td></td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
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<td></td>
</tr>
<tr>
<td>Flammability Limits in Air</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Upper flammability limit</td>
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<td></td>
</tr>
<tr>
<td>Lower Flammability limit</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Vapor pressure</td>
<td>&lt; 2 mm Hg</td>
<td></td>
</tr>
<tr>
<td>Vapor density</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Relative density</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Water solubility</td>
<td>Not soluble</td>
<td></td>
</tr>
<tr>
<td>Solubility in other solvents</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Partition coefficient: n-octanol/water</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Autoignition temperature</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Decomposition temperature</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Viscosity of Product</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>VOC Content (%)</td>
<td>Products comply with US state and federal regulations for VOC content in consumer products.</td>
<td></td>
</tr>
</tbody>
</table>

10. STABILITY AND REACTIVITY

Reactivity
None under normal use conditions.

Stability
Stable under normal conditions.

Hazardous polymerization
Hazardous polymerization does not occur.

Hazardous Reactions
None under normal processing.

Conditions to Avoid
Keep away from open flames, hot surfaces and sources of ignition.

Materials to avoid
None in particular.

Hazardous Decomposition Products
None under normal use.

11. TOXICOLOGICAL INFORMATION

Product Information
Information on likely routes of exposure
Inhalation
No known effect.

Skin contact
Irritating to skin. May cause sensitization by skin contact.

Ingestion
No known effect.

Eye contact
Causes serious eye irritation.

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

Acute toxicity
No known effect.

Skin corrosion/irritation
Irritating to skin.

Serious eye damage/eye irritation
Causes serious eye irritation.

Skin sensitization
May cause sensitization by skin contact.

Respiratory sensitization
No known effect.

Germ cell mutagenicity
No known effect.

Neurological Effects
No known effect.

Reproductive toxicity
No known effect.

Developmental toxicity
No known effect.

Teratogenicity
No known effect.

STOT - single exposure
No known effect.

STOT - repeated exposure
No known effect.

Target Organ Effects
No known effect.

Aspiration hazard
No known effect.

Carcinogenicity
No known effect.

12. ECOLOGICAL INFORMATION

Ecotoxicity
Hazardous to the Aquatic Environment.

Persistence and degradability
No information available.

Bioaccumulative potential
No information available.

Mobility
No information available.

Other adverse effects
No information available.

13. DISPOSAL CONSIDERATIONS

Waste treatment

Waste from Residues / Unused Products
Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated packaging
Disposal should be in accordance with applicable regional, national and local laws and regulations.

California Hazardous Waste Codes
331

14. TRANSPORT INFORMATION

DOT
Not regulated

IMDG
UN Number
UN3082
UN Proper shipping name
Environmentally hazardous substance, liquid, n.o.s.
Description
UN3082, Environmentally hazardous substance, liquid, n.o.s. (Limonene, Terpinyl Acetate), 9, III, Ltd. Qty.
**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 contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372:

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS-No</th>
<th>SARA 313 - Threshold Values %</th>
</tr>
</thead>
<tbody>
<tr>
<td>PPG-2 Methyl Ether</td>
<td>34590-94-8</td>
<td>1.0</td>
</tr>
</tbody>
</table>

**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):

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS-No</th>
<th>Hazardous Substances RQs</th>
<th>Extremely Hazardous Substances RQs</th>
<th>CERCLA/SARA 302 TPQ</th>
</tr>
</thead>
<tbody>
<tr>
<td>Isoamyl Acetate</td>
<td>123-92-2</td>
<td>5000 lb</td>
<td>-</td>
<td></td>
</tr>
</tbody>
</table>

**Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)**
This product contains the following substance(s) which are either listed as hazardous air pollutants (HAPS) or VOC’s per the Clean Air Act:

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS-No</th>
<th>CAA (Clean Air Act) - 1990 Hazardous Air Pollutants</th>
</tr>
</thead>
<tbody>
<tr>
<td>PPG-2 Methyl Ether</td>
<td>34590-94-8</td>
<td>X</td>
</tr>
</tbody>
</table>

**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):

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS-No</th>
<th>CWA - Reportable Quantities</th>
<th>CWA - Toxic Pollutants</th>
<th>CWA - Priority Pollutants</th>
<th>CWA - Hazardous Substances</th>
</tr>
</thead>
<tbody>
<tr>
<td>Isoamyl Acetate</td>
<td>123-92-2</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>X</td>
</tr>
</tbody>
</table>

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

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

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS-No</th>
<th>New Jersey</th>
</tr>
</thead>
<tbody>
<tr>
<td>PPG-2 Methyl Ether</td>
<td>34590-94-8</td>
<td>X</td>
</tr>
<tr>
<td>Benzyl Acetate</td>
<td>140-11-4</td>
<td>X</td>
</tr>
<tr>
<td>Limonene</td>
<td>5989-27-5</td>
<td>X</td>
</tr>
<tr>
<td>Chemical Name</td>
<td>CAS-No</td>
<td>Massachusetts</td>
</tr>
<tr>
<td>--------------------------</td>
<td>----------</td>
<td>---------------</td>
</tr>
<tr>
<td>PPG-2 Methyl Ether</td>
<td>34590-94-8</td>
<td>X</td>
</tr>
<tr>
<td>Dipropylene Glycol</td>
<td>25265-71-8</td>
<td>X</td>
</tr>
<tr>
<td>Isoamyl Acetate</td>
<td>123-92-2</td>
<td>X</td>
</tr>
</tbody>
</table>

**International Inventories**

**United States**  
All intentionally-added components of this product(s) are listed on the US TSCA Inventory.

**Canada**  
This product is in compliance with CEPA for import by P&G.

**Legend**  
TSCA - United States Toxic Substances Control Act Section 8(b) Inventory  
CEPA - Canadian Environmental Protection Act

### 16. OTHER INFORMATION

**Issuing Date:** 07-May-2015  
**Revision Date:** 07-May-2015

**Disclaimer**  
The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of SDS
1. IDENTIFICATION

<table>
<thead>
<tr>
<th>Product Name</th>
<th>Febreze Noticeables Air Freshener - Heavy Duty Crisp Clean (2 of 2)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product ID:</td>
<td>96451167_A RET NG</td>
</tr>
<tr>
<td>Product Type:</td>
<td>Finished Product - Consumer (Retail) Use Only</td>
</tr>
<tr>
<td>Recommended Use</td>
<td>Air freshener</td>
</tr>
<tr>
<td>Restrictions on Use</td>
<td>Use only as directed on label.</td>
</tr>
<tr>
<td>Synonym</td>
<td>96291601</td>
</tr>
<tr>
<td>Manufacturer</td>
<td>PROCTER &amp; GAMBLE - Fabric and Home Care Division</td>
</tr>
<tr>
<td></td>
<td>Ivorydale Technical Centre</td>
</tr>
<tr>
<td></td>
<td>5289 Spring Grove Avenue</td>
</tr>
<tr>
<td></td>
<td>Cincinnati, Ohio 45217-1087 USA</td>
</tr>
<tr>
<td></td>
<td>Procter &amp; Gamble Inc.</td>
</tr>
<tr>
<td></td>
<td>P.O. Box 355, Station A</td>
</tr>
<tr>
<td></td>
<td>Toronto, ON M5W 1C5</td>
</tr>
<tr>
<td></td>
<td>1-800-331-3774</td>
</tr>
<tr>
<td>E-mail Address</td>
<td><a href="mailto:pgsds.im@pg.com">pgsds.im@pg.com</a></td>
</tr>
<tr>
<td>Emergency Telephone</td>
<td>Transportation (24 HR)</td>
</tr>
<tr>
<td></td>
<td>CHEMTREC - 1-800-424-9300</td>
</tr>
<tr>
<td></td>
<td>(U.S./ Canada) or 1-703-527-3887</td>
</tr>
<tr>
<td></td>
<td>Mexico toll free in country: 800-681-9531</td>
</tr>
</tbody>
</table>

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:

<table>
<thead>
<tr>
<th>Hazard Category</th>
<th>Category 2</th>
<th>Category 2A</th>
<th>Category 1</th>
<th>Category 4</th>
</tr>
</thead>
<tbody>
<tr>
<td>Skin corrosion/irritation</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Eye Damage / Irritation</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Skin sensitization</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Flammable Liquids</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Signal Word</td>
<td>WARNING</td>
<td></td>
<td></td>
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<tr>
<td>Hazard Statements</td>
<td>Causes serious eye irritation</td>
<td>Causes skin irritation</td>
<td>May cause an allergic skin reaction</td>
<td></td>
</tr>
</tbody>
</table>
Combustible liquid

Precautionary Statements - Prevention
Wash hands thoroughly after handling
Keep away from heat/sparks/open flames/hot surfaces. --- No smoking
Keep container tightly closed

Precautionary Statements - Response
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
If eye irritation persists: Get medical advice/attention
IF SWALLOWED: Rinse mouth. DO NOT induce vomiting.
Drink 1 or 2 glasses of water
IF ON SKIN: Wash with plenty of soap and water
Take off contaminated clothing and wash before re-use
If skin irritation or rash occurs: Get medical advice/attention
In case of fire: Use water, CO2, dry chemical, or foam for extinction

Precautionary Statements - Storage
Store in a well-ventilated place. Keep cool

Precautionary Statements - Disposal
None

Hazards not otherwise classified (HNOC)
None

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients are listed according to 29CFR 1910.1200 Appendix D and the Canadian Hazardous Products Regulation

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Synonyms</th>
<th>Trade Secret</th>
<th>CAS-No</th>
<th>Weight %</th>
</tr>
</thead>
<tbody>
<tr>
<td>PPG-2 Methyl Ether</td>
<td>-</td>
<td>No</td>
<td>34590-94-8</td>
<td>40 - 100</td>
</tr>
<tr>
<td>Benzyl Acetate</td>
<td>-</td>
<td>No</td>
<td>140-11-4</td>
<td>5 - 10</td>
</tr>
<tr>
<td>Linalool</td>
<td>-</td>
<td>No</td>
<td>78-70-6</td>
<td>5 - 10</td>
</tr>
<tr>
<td>2,6-Dimethyl-7-Octen-2-ol</td>
<td>-</td>
<td>No</td>
<td>18479-58-8</td>
<td>1 - 5</td>
</tr>
<tr>
<td>Linalyl acetate</td>
<td>-</td>
<td>No</td>
<td>115-95-7</td>
<td>1 - 5</td>
</tr>
<tr>
<td>Cyclamen Aldehyde</td>
<td>-</td>
<td>No</td>
<td>103-95-7</td>
<td>1 - 5</td>
</tr>
<tr>
<td>Limonene</td>
<td>-</td>
<td>No</td>
<td>5989-27-5</td>
<td>1 - 5</td>
</tr>
<tr>
<td>Terpineol</td>
<td>-</td>
<td>No</td>
<td>8000-41-7</td>
<td>1 - 5</td>
</tr>
<tr>
<td>Nopyl acetate</td>
<td>-</td>
<td>No</td>
<td>128-51-8</td>
<td>0.1 - 1.0</td>
</tr>
<tr>
<td>Acetylcedrene</td>
<td>-</td>
<td>No</td>
<td>32388-55-9</td>
<td>0.1 - 1.0</td>
</tr>
<tr>
<td>2,4-Dimethyl-3-Cyclohexene Carboxaldehyde</td>
<td>-</td>
<td>No</td>
<td>68039-49-6</td>
<td>0.1 - 1.0</td>
</tr>
<tr>
<td>beta-Pinene</td>
<td>-</td>
<td>No</td>
<td>127-91-3</td>
<td>0.1 - 1.0</td>
</tr>
<tr>
<td>Lauraldehyde</td>
<td>-</td>
<td>No</td>
<td>112-54-9</td>
<td>0.1 - 1.0</td>
</tr>
<tr>
<td>Geranyl acetate</td>
<td>-</td>
<td>No</td>
<td>105-87-3</td>
<td>0.1 - 1.0</td>
</tr>
</tbody>
</table>

### 4. FIRST AID MEASURES
First aid measures for different exposure routes

**Eye contact**
Rinse with plenty of water. Get medical attention immediately if irritation persists.

**Skin contact**
Rinse with plenty of water. Get medical attention if irritation develops and persists.

**Ingestion**
Drink 1 or 2 glasses of water. Do NOT induce vomiting. Get medical attention immediately if symptoms occur.

**Inhalation**
Move to fresh air. If symptoms persist, call a physician.

**Most important symptoms/effects, acute and delayed**
None under normal use conditions.

**Indication of immediate medical attention and special treatment needed, if necessary**

**Notes to Physician**
Treat symptomatically.

---

### 5. FIRE-FIGHTING MEASURES

**Suitable extinguishing media**
In case of fire: Use water, CO2, dry chemical, or foam for extinction.

**Unsuitable Extinguishing Media**
Do not use a solid water stream as it may scatter and spread fire.

**Special hazard**
Combustible liquid.

**Special protective equipment for fire-fighters**
As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

**Specific hazards arising from the chemical**
None.

---

### 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment and emergency procedures**

**Personal precautions**
Use personal protective equipment. Do not get in eyes, on skin, or on clothing.

**Advice for emergency responders**
Use personal protective equipment as required.

**Methods and materials for containment and cleaning up**

**Methods for containment**
Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal.

**Methods for cleaning up**
Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13).

---

### 7. HANDLING AND STORAGE

**Precautions for safe handling**

**Advice on safe handling**
Keep away from open flames, hot surfaces and sources of ignition. Use personal protective equipment as required. Keep container closed when not in use. Never return spills in original containers for re-use. Keep out of the reach of children.

**Conditions for safe storage, including any incompatibilities**
Storage Conditions

Store in a cool/low-temperature, well-ventilated, dry place away from heat and ignition sources.

Incompatible products

None known.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Guidelines

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS-No</th>
<th>ACGIH TLV</th>
<th>OSHA PEL</th>
<th>Mexico PEL</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>STEL: 150 ppm TWA: 100 ppm S*</td>
<td>TWA: 100 ppm TWA: 600 mg/m³ (vacated) TWA: 100 ppm TWA: 600 mg/m³ (vacated) STEL: 900 mg/m³ (vacated) S* S*</td>
<td>Mexico: TWA 100 ppm Mexico: TWA 60 mg/m³ Mexico: STEL 150 ppm Mexico: STEL 900 mg/m³</td>
</tr>
<tr>
<td>PPG-2 Methyl Ether</td>
<td>34590-94-8</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Benzyl Acetate</td>
<td>140-11-4</td>
<td>TWA: 10 ppm</td>
<td>TWA: 10 ppm</td>
<td></td>
</tr>
<tr>
<td>beta-Pinene</td>
<td>127-91-3</td>
<td>TWA: 20 ppm</td>
<td>TWA: 20 ppm</td>
<td></td>
</tr>
</tbody>
</table>

No relevant exposure guidelines for other ingredients

Exposure controls

Engineering Measures

Distribution, Workplace and Household Settings:

Ensure adequate ventilation

Product Manufacturing Plant (needed at Product-Producing Plant ONLY):

Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction

Personal Protective Equipment

Eye Protection

Distribution, Workplace and Household Settings:

No special protective equipment required

Product Manufacturing Plant (needed at Product-Producing Plant ONLY):

Use appropriate eye protection

Hand Protection

Distribution, Workplace and Household Settings:

For sensitive skin or prolonged use, wear gloves

Product Manufacturing Plant (needed at Product-Producing Plant ONLY):

Protective gloves

Skin and Body Protection

Distribution, Workplace and Household Settings:

No special protective equipment required
Product Manufacturing Plant (needed at Product-Producing Plant ONLY):
Wear suitable protective clothing

Respiratory Protection
Distribution, Workplace and Household Settings:
No special protective equipment required

Product Manufacturing Plant (needed at Product-Producing Plant ONLY):
In case of insufficient ventilation wear suitable respiratory equipment

9. PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Values</th>
<th>Note</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical State @20°C</td>
<td>liquid</td>
<td></td>
</tr>
<tr>
<td>Appearance</td>
<td>clear to amber</td>
<td></td>
</tr>
<tr>
<td>Odor</td>
<td>Scented</td>
<td></td>
</tr>
<tr>
<td>Odor threshold</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>pH value</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Melting/freezing point</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Boiling point/boiling range</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Flash point</td>
<td>66.5 - 75 °C / 152 - 167 °F</td>
<td></td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Flammability Limits in Air</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Upper flammability limit</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Lower Flammability limit</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Vapor pressure</td>
<td>&lt; 2 mm Hg</td>
<td></td>
</tr>
<tr>
<td>Vapor density</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Relative density</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Water solubility</td>
<td>Not soluble</td>
<td></td>
</tr>
<tr>
<td>Solubility in other solvents</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Partition coefficient: n-octanol/water</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Autoignition temperature</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Decomposition temperature</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Viscosity of Product</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>VOC Content (%)</td>
<td>Products comply with US state and federal regulations for VOC content in consumer products.</td>
<td></td>
</tr>
</tbody>
</table>

10. STABILITY AND REACTIVITY

Reactivity
None under normal use conditions.

Stability
Stable under normal conditions.

Hazardous polymerization
Hazardous polymerization does not occur.

Hazardous Reactions
None under normal processing.

Conditions to Avoid
Keep away from open flames, hot surfaces and sources of ignition.

Materials to avoid
None in particular.

Hazardous Decomposition Products
None under normal use.

11. TOXICOLOGICAL INFORMATION

Product Information
Information on likely routes of exposure
10. TOXICOLOGICAL PROPERTIES

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.

12. ECOLOGICAL INFORMATION

Ecotoxicity
Hazardous to the Aquatic Environment.

Persistence and degradability
No information available.

Bioaccumulative potential
No information available.

Mobility
No information available.

Other adverse effects
No information available.

13. DISPOSAL CONSIDERATIONS

Waste treatment

Waste from Residues / Unused Products
Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated packaging
Disposal should be in accordance with applicable regional, national and local laws and regulations.

California Hazardous Waste Codes (non-household setting) 331

14. TRANSPORT INFORMATION

DOT
Not regulated

IMDG

UN Number UN3082
UN Proper shipping name Environmentally hazardous substance, liquid, n.o.s.
Description UN3082, Environmentally hazardous substance, liquid, n.o.s. (Limonene, Terpinyl Acetate), 9, III, Ltd. Qty.

Transport hazard class(es) 9
### 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 contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372:

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS-No</th>
<th>SARA 313 - Threshold Values %</th>
</tr>
</thead>
<tbody>
<tr>
<td>PPG-2 Methyl Ether</td>
<td>34590-94-8</td>
<td>1.0</td>
</tr>
</tbody>
</table>

**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):

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS-No</th>
<th>Hazardous Substances RQs</th>
<th>Extremely Hazardous Substances RQs</th>
<th>CERCLA/SARA 302 TPQ</th>
</tr>
</thead>
<tbody>
<tr>
<td>Isoamyl Acetate</td>
<td>123-92-2</td>
<td>5000 lb</td>
<td>-</td>
<td></td>
</tr>
</tbody>
</table>

**Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)**
This product contains the following substance(s) which are either listed as hazardous air pollutants (HAPS) or VOC’s per the Clean Air Act:

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS-No</th>
<th>CAA (Clean Air Act) - 1990 Hazardous Air Pollutants</th>
</tr>
</thead>
<tbody>
<tr>
<td>PPG-2 Methyl Ether</td>
<td>34590-94-8</td>
<td>X</td>
</tr>
</tbody>
</table>

**Clean Water Act**
This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 4 CFR 122.42):

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS-No</th>
<th>CWA - Reportable Quantities</th>
<th>CWA - Toxic Pollutants</th>
<th>CWA - Priority Pollutants</th>
<th>CWA - Hazardous Substances</th>
</tr>
</thead>
<tbody>
<tr>
<td>Isoamyl Acetate</td>
<td>123-92-2</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>X</td>
</tr>
</tbody>
</table>

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

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

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS-No</th>
<th>New Jersey</th>
</tr>
</thead>
<tbody>
<tr>
<td>PPG-2 Methyl Ether</td>
<td>34590-94-8</td>
<td>X</td>
</tr>
<tr>
<td>Benzyl Acetate</td>
<td>140-11-4</td>
<td>X</td>
</tr>
<tr>
<td>Limonene</td>
<td>5989-27-5</td>
<td>X</td>
</tr>
<tr>
<td>Chemical Name</td>
<td>CAS-No</td>
<td>Massachusetts</td>
</tr>
<tr>
<td>-----------------------</td>
<td>----------</td>
<td>---------------</td>
</tr>
<tr>
<td>PPG-2 Methyl Ether</td>
<td>34590-94-8</td>
<td>X</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS-No</th>
<th>Pennsylvania</th>
</tr>
</thead>
<tbody>
<tr>
<td>PPG-2 Methyl Ether</td>
<td>34590-94-8</td>
<td>X</td>
</tr>
<tr>
<td>Dipropylene Glycol</td>
<td>25265-71-8</td>
<td>X</td>
</tr>
<tr>
<td>Isoamyl Acetate</td>
<td>123-92-2</td>
<td>X</td>
</tr>
</tbody>
</table>

**International Inventories**

**United States**
All intentionally-added components of this product(s) are listed on the US TSCA Inventory.

**Canada**
This product is in compliance with CEPA for import by P&G.

**Legend**
TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
CEPA - Canadian Environmental Protection Act

**16. OTHER INFORMATION**

Issuing Date: 07-May-2015
Revision Date: 07-May-2015

Disclaimer
The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text

End of SDS