SAFETY DATA SHEET


Issuing Date: 19-Apr-2018  Revision Date: 19-Apr-2018  Version 1

Section 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier
Product Form: Mixture
Product Name: Febreze Frosted Pine
Product Identifier: 90811483_RET_CLP_EUR
Synonyms: PA00204425
Product group: Trade Product

1.2 Relevant identified uses of the substance or mixture and uses advised against
Recommended Use: Intended for general public
Main user category: SU 21 - Consumer uses: Private households (= general public = consumers)
Use category: PC3 - Air care products
Uses advised against: No information available
Product category: Aerosol

1.3 Details of the supplier of the safety data sheet
Details of the supplier of the safety data sheet: Procter & Gamble UK Brooklands, Weybridge, Surrey, KT13 0XP, UK  Tel: 01932 896000
E-mail Address: pgsds.im@pg.com

1.4 Emergency Telephone Number
Emergency Telephone: (UK) Emergency Tel: 0800 328 8304  (IRL) Emergency Tel: 1800 509 497

Section 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture
Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP] Aerosols: Category 3 - (H229)

For the full text of the H-Statements mentioned in this Section, see Section 16.

Adverse human health effects and symptoms
No information available

2.2 Label elements
Label according to Regulation (EC) No. 1272/2008
Hazard pictograms: None
Signal Word: WARNING

Hazard Statements: H229 - Pressurized container: May burst if heated
Precautionary Statements: P102 - Keep out of reach of children
Avoid contact with skin and eyes
Section 4: FIRST AID MEASURES

P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
P501 - Dispose of contents/container to an appropriate local waste system
CAUTION: Use only as directed
P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources.
No smoking
P251 - Do not pierce or burn, even after use
P410 + P412 - Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F

5% by mass of the contents are flammable

EUH208 - Contains Benzisothiazolinone. May produce an allergic reaction.

2.3 Other hazards
Other hazards which do not result in classification
No presence of PBT and vPvB ingredients

Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances
Not applicable.

3.2 Mixtures

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS-No</th>
<th>EC-No</th>
<th>REACH Registration No</th>
<th>Weight-%</th>
<th>GHS / CLP Classification</th>
<th>M-Factor (chronic)</th>
<th>M-Factor (acute)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alcohol</td>
<td>64-17-5</td>
<td>200-578-6</td>
<td>01-2119457610-43-04 79</td>
<td>1 - 5</td>
<td>Flam. Liq. 2(H225)</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Eye Irrit. 2(H319)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Benzisothiazolinone</td>
<td>2634-33-5</td>
<td>220-120-9</td>
<td></td>
<td>&lt;1</td>
<td>Acute Tox. 4 (Oral)(H302) Skin Irrit. 2(H315) Eye Dam. 1(H318) Skin Sens. 1(H317) Aquatic Acute 1(H400)</td>
<td>1</td>
<td>1</td>
</tr>
</tbody>
</table>

For the full text of the H-Statements mentioned in this Section, see Section 16.

Section 4: FIRST AID MEASURES

4.1 Description of first-aid measures

Inhalation
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor/physician.

Skin contact
Take off contaminated clothing and wash before reuse. IF ON SKIN: Wash with plenty of water and soap. If skin irritation or rash occurs: Get medical advice/attention. Discontinue use of product.

Eye contact
Immediately call a POISON CENTER or doctor/physician. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Ingestion
Immediately call a POISON CENTER or doctor/physician. IF SWALLOWED: Rinse mouth. DO NOT induce vomiting.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms/injuries after inhalation Coughing, Sneezing, Headache, Drowsiness, Dizziness.
Symptoms/injuries after skin contact Redness, Swelling, Dryness, Itching.
Symptoms/injuries after eye contact Severe pain, Redness, Swelling, Blurred vision.
Symptoms/injuries after ingestion Oral mucosal or gastro-intestinal irritation. Nausea, Vomiting, Excessive secretion, Diarrhea.

4.3 Indication of any immediate medical attention and special treatment needed
Refer to section 4.1

Section 5: FIRE FIGHTING MEASURES
5.1 Extinguishing media
Suitable extinguishing media: Dry chemical powder. Alcohol resistant foam. Carbon dioxide (CO2).
Extinguishing Media Which Must Not Be Used For Safety Reasons: Solid water jet ineffective as extinguishing medium.

5.2 Special hazards arising from the substance or mixture
Fire Hazard: No fire hazard. Non-combustible.
Explosion hazard: Product is not explosive.
Reactivity: No dangerous reaction known under conditions of normal use.

5.3 Advice for firefighters
Special protective equipment for fire-fighters: No specific firefighting instructions required.
Protective equipment and precautions for firefighters: In case of inadequate ventilation wear respiratory protection.

Section 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures
For non-emergency personnel: Wear suitable gloves and eye/face protection.
Advice for emergency responders: Wear suitable gloves and eye/face protection.

6.2 Environmental precautions
Environmental precautions: Prevent soil and water pollution. Avoid runoff to waterways and sewers.

6.3 Methods and materials for containment and cleaning up
Methods for containment: Scoop absorbed substance into closing containers.
Methods for cleaning up: Small quantities of liquid spill:. take up in non-combustible absorbent material and shovel into container for disposal. Large Spills:. contain released substance, pump into suitable containers. This material and its container must be disposed of in a safe way, and as per local legislation.
Other information: Not applicable.

6.4 Reference to other sections
Other information: Refer to Sections 8 and 13.

Section 7: HANDLING AND STORAGE

7.1 Precautions for safe handling
Advice on safe handling: Avoid contact with eyes. Avoid contact with skin. Use personal protective equipment as required. Do not eat, drink or smoke when using this product. Do not handle until all safety precautions have been read and understood. Air Fresheners do not replace good hygiene practices. People suffering from perfume sensitivity should be cautious when using this product.

7.2 Conditions for safe storage, including any incompatibilities
Technical measures/Storage conditions: Store in original container. Refer to section 10.
Incompatible products: Refer to section 10.
Incompatible materials: Refer to section 10.
Prohibitions on mixed storage: Not applicable.
Requirements for storage rooms and containers: Store in a cool area. Store in a dry area.

7.3 Specific end use(s)
Specific end uses: Refer to section 1.2.

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters
National Occupational Exposure: No information available
Derived No Effect Level (DNEL)

Consumers

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Alcohol</td>
<td>64-17-5</td>
<td>950 mg/m³</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Predicted No Effect Concentration (PNEC)

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS-No</th>
<th>Fresh Water</th>
<th>Marine water</th>
<th>Intermittent release</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alcohol</td>
<td>64-17-5</td>
<td>0.96 mg/L</td>
<td>0.79 mg/L</td>
<td>2.75 mg/L</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS-No</th>
<th>Freshwater sediment</th>
<th>Marine sediment</th>
<th>Sewage treatment plant</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alcohol</td>
<td>64-17-5</td>
<td>3.6 mg/kg sediment dw</td>
<td>2.9 mg/kg sediment dw</td>
<td>580 mg/L</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS-No</th>
<th>Soil</th>
<th>air</th>
<th>Oral</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alcohol</td>
<td>64-17-5</td>
<td>0.63 mg/kg soil dw</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

8.2 Exposure controls

Appropriate engineering controls
No information available

Personal protective equipment
Protective personal equipment only required in case of professional use or for large packs (not for household packs). For consumer use please follow recommendation as indicated on the label of the product.

Hand Protection
Not applicable.

Eye Protection
Not applicable.

Skin and Body Protection
Not applicable.

Respiratory Protection
Not applicable.

Thermal hazards
Not applicable.

Environmental exposure controls
Prevent that the undiluted product reaches surface waters.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value / Units</th>
<th>Test Method / Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Liquid</td>
<td></td>
</tr>
<tr>
<td>Physical State @20°C</td>
<td>Liquid</td>
<td></td>
</tr>
<tr>
<td>Color</td>
<td>Clear</td>
<td></td>
</tr>
<tr>
<td>Odor</td>
<td>pleasant (perfume)</td>
<td></td>
</tr>
<tr>
<td>Odor threshold</td>
<td>No data available</td>
<td>Perceived odor at typical use conditions</td>
</tr>
<tr>
<td>pH</td>
<td>4.5 - 7</td>
<td></td>
</tr>
<tr>
<td>Melting Point / Freezing Point</td>
<td>No data available</td>
<td>Not available. This property is not relevant for the safety and classification of this product</td>
</tr>
</tbody>
</table>
### Section 10: STABILITY AND REACTIVITY

#### 10.1 Reactivity
No dangerous reactions known.

#### 10.2 Chemical stability
Stable under normal conditions.

#### 10.3 Possibility of hazardous reactions
See section 10.1 on reactivity for more information.

#### 10.4 Conditions to Avoid
Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

#### 10.5 Incompatible materials
Not applicable.

#### 10.6 Hazardous Decomposition Products
None under normal use conditions.

### Section 11: TOXICOLOGICAL INFORMATION

#### 11.1 Information on toxicological effects

**Mixture**

<table>
<thead>
<tr>
<th>Property</th>
<th>Classification Criteria</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute toxicity</td>
<td>Not Classified.</td>
</tr>
<tr>
<td>Skin corrosion/irritation</td>
<td>Not Classified.</td>
</tr>
<tr>
<td>Serious eye damage/eye irritation</td>
<td>Not Classified.</td>
</tr>
<tr>
<td>Skin sensitization</td>
<td>Not Classified.</td>
</tr>
<tr>
<td>Respiratory sensitization</td>
<td>Not Classified.</td>
</tr>
<tr>
<td>Germ cell mutagenicity</td>
<td>Not Classified.</td>
</tr>
<tr>
<td>Carcinogenicity</td>
<td>Not Classified.</td>
</tr>
<tr>
<td>Reproductive toxicity</td>
<td>Not Classified.</td>
</tr>
</tbody>
</table>

Based on the available data, the classification criteria are not met.
STOT - single exposure  Not Classified. Based on the available data, the classification criteria are not met.
STOT - repeated exposure  Not Classified. Based on the available data, the classification criteria are not met.
Aspiration hazard  Not Classified. Based on the available data, the classification criteria are not met.

Substances in the mixture

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS-No</th>
<th>Oral LD50</th>
<th>Dermal LD50</th>
<th>Inhalation LC50</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alcohol</td>
<td>64-17-5</td>
<td>10470 mg/kg bw (OECD 401)</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Benzisothiazolinone</td>
<td>2634-33-5</td>
<td>1020 mg/kg</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

Section 12: ECOLOGICAL INFORMATION

12.1 Toxicity

Ecotoxicity effects  No known adverse effects on the functioning of water treatment plants under normal use conditions as recommended. The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.

Acute toxicity

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS-No</th>
<th>Toxicity to Fish (LC50)*</th>
<th>Toxicity to algae (EC50)*</th>
<th>Toxicity to daphnia and other aquatic invertebrates (EC50)*</th>
<th>Toxicity to Microorganisms (EC50)*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alcohol</td>
<td>64-17-5</td>
<td>14200 mg/L (US EPA E03-05; Pimephales promelas; 96 h)</td>
<td>275 mg/L (OECD 201; Chlorella vulgaris; 72 h)</td>
<td>5012 mg/L (ASTM E729-80; Ceridaphnia dubia; 48 h)</td>
<td>&gt; 1000 mg/L (OECD 209; 3 h)</td>
</tr>
<tr>
<td>Benzisothiazolinone</td>
<td>2634-33-5</td>
<td>0.00997 mg/L (Oncorhynchus mykiss; 96 h)</td>
<td>-</td>
<td>0.02743 mg/L (Daphnia magna; 48 h)</td>
<td>-</td>
</tr>
</tbody>
</table>

Chronic Toxicity

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS-No</th>
<th>Toxicity to algae (NOEC or ECx)*</th>
<th>Toxicity to fish (NOEC or ECx)*</th>
<th>Toxicity to Microorganisms (NOEC or ECx)*</th>
<th>Toxicity to daphnia and other aquatic invertebrates (NOEC or ECx)*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alcohol</td>
<td>64-17-5</td>
<td>11.5 mg/L (OECD 201; Chlorella vulgaris; 3 d)</td>
<td>7900 mg/L (Oryzias latipes; 8.33 d)</td>
<td>9.6 mg/L (Ceridaphnia dubia; 10 d)</td>
<td></td>
</tr>
</tbody>
</table>

12.2 Persistence and degradability

Persistence and degradability

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS-No</th>
<th>Persistence and degradability</th>
<th>Ready Biodegradation Test (OECD 301)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alcohol</td>
<td>64-17-5</td>
<td>Biodegradable</td>
<td>84% O2; 20 d</td>
</tr>
</tbody>
</table>

12.3 Bioaccumulative potential

Bioaccumulative potential  No information available.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS-No</th>
<th>Bioaccumulative potential</th>
<th>Octanol/water partition coefficient</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alcohol</td>
<td>64-17-5</td>
<td>Not expected to bioaccumulate due to the low log Kow (log Kow &lt; 4)</td>
<td>-0.35</td>
</tr>
<tr>
<td>Benzisothiazolinone</td>
<td>2634-33-5</td>
<td>Not measured</td>
<td></td>
</tr>
</tbody>
</table>

12.4 Mobility in soil

Mobility  No information available.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS-No</th>
<th>log Koc</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alcohol</td>
<td>64-17-5</td>
<td>1 (QSAR PCKOCWIN v1.66)</td>
</tr>
</tbody>
</table>

12.5 Results of PBT and vPvB assessment

PBT and vPvB assessment  This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

12.6 Other adverse effects

Other adverse effects  No information available.
Section 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods
Waste from Residues/Unused Products
Disposal Recommendations
Dispose of in accordance with local regulations.
The waste codes/waste designations below are in accordance with EWC. Waste must be delivered to an approved waste disposal company. Waste is to be kept separate from other types of waste until its disposal. Do not throw waste product into the sewer.

EWC Waste Disposal No
16 05 04* - gases in pressure containers (including halons) containing dangerous substances

Section 14: TRANSPORT INFORMATION

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

IMDG
14.1 UN Number
UN1950
14.2 UN Proper shipping name
AEROSOLS
14.3 Transport hazard class(es)
UN1950, AEROSOLS, 2.2
2.2
14.4 Packing Group
Not applicable
14.5 Environmental Hazards
Not applicable
EmS-No
F-D, S-U
14.6 Special precautions for user
Not applicable
14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code

IATA
14.1 UN no
UN1950
14.2 UN Proper shipping name
AEROSOLS, NON-FLAMMABLE
14.3 Hazard Class
UN1950, AEROSOLS, NON-FLAMMABLE, 2.2
2.2
14.4 Packing Group
Not applicable
14.5 Environmental Hazards
Not applicable
14.6 Special precautions for user
Comments

ADR
14.1 UN no
UN1950
14.2 UN Proper shipping name
AEROSOLS
14.3 Hazard Class
UN1950, AEROSOLS, 2.2
2.2
14.4 Packing Group
Not applicable
14.5 Environmental Hazards
Not applicable
14.6 Special precautions for user
Classification code
327, 625, 344, 190
ADR/RID-Labels
5A
Tunnel restriction code
2.2
(E)

RID
14.1 UN no
UN1950
14.2 UN Proper shipping name
AEROSOLS
14.3 Hazard Class
UN1950, AEROSOLS, 2.2
2.2
14.4 Packing Group
Not applicable
14.5 Environmental Hazards
Not applicable
14.6 Special precautions for user
Classification code
5A
ADR/RID-Labels
2.2

ADN
Section 15: REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

EU Regulations
Regulation (EC) No. 1907/2006, REACH Annex XVII Substances subject to restriction on marketing and use as amended
Contains no REACH substances with Annex XVII restrictions.

Regulation (EC) No. 1907/2006, REACH Annex XVII Substances subject to restriction on marketing and use as amended
Contains no substance on the REACH candidate list.

Regulation (EC) No. 143/2011 Annex XIV Substances Subject to Authorisation
Contains no REACH Annex XIV substances.

CESIO Recommendations
The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

Other regulations, restrictions and prohibition regulations

National regulatory information

15.2 Chemical Safety Assessment
Chemical Safety Assessment
No chemical safety assessment has been carried out for this mixture per REACH regulation.

Section 16: OTHER INFORMATION

16.1 Indication of changes
Issuing Date: 19-Apr-2018
Revision Date: 19-Apr-2018
Reason for revision: Change in SECTION 2: Hazards identification

16.2 Abbreviations and acronyms
ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road
ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ATE: Acute Toxicity Estimate
DNEL: Derived No Effect Level
IATA: International Air Transport Association
LC50: Lethal Concentration to 50% of a test population
LD50: Lethal Dose to 50% of a test population (Median Lethal Dose)
16.3 Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]
Aerosols Category 3
Expert judgment and weight of evidence determination

16.4 Full text of H-Statements referred to under sections 2 and 3
Full text of H-Statements referred to under sections 2 and 3
H225 - Highly flammable liquid and vapor
H302 - Harmful if swallowed
H315 - Causes skin irritation
H317 - May cause an allergic skin reaction
H318 - Causes serious eye damage
H319 - Causes serious eye irritation
H400 - Very toxic to aquatic life

This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006 and its amendment Regulation (EU) 2015/830

16.5 Training Advice
Normal use of this product shall imply use in accordance with the instructions on the packaging.

16.6 Further information
Salts listed in Section 3 without a REACH Registration number are exempt, based on Annex V.

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.

End of SDS