



SAFETY DATA SHEET

According to Regulation (EC) No. 1907/2006 (REACH) and its amendment Regulation (EU) 2015/830

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
--------------------------	--------------------------------------------------------------------------

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

Chemical Name	CAS-No	EC-No	REACH Registration No	Weight-%	GHS / CLP Classification 1272/2008 [CLP]	M-Factor (chronic)	M-Factor (acute)
Alcohol	64-17-5	200-578-6	01-2119457610-43-0479	1 - 5	Flam. Liq. 2(H225) Eye Irrit. 2(H319)	1	1
Benzisothiazolinone	2634-33-5	220-120-9		<1	Acute Tox. 4 (Oral)(H302) Skin Irrit. 2(H315) Eye Dam. 1(H318) Skin Sens. 1(H317) Aquatic Acute 1(H400)	1	1

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 (CO ₂).
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
---------------------------------------	--------------------------

Limits

Chemical Name	CAS-No	Norway	Ireland	United Kingdom	European Union
Alcohol	64-17-5	TWA: 500 ppm TWA: 950 mg/m ³ STEL: 625 ppm STEL: 1187.5 mg/m ³	STEL: 1000 ppm	STEL: 3000 ppm STEL: 5760 mg/m ³ TWA: 1000 ppm TWA: 1920 mg/m ³	

Derived No Effect Level (DNEL)**Consumers**

Chemical Name	CAS-No	Consumer - inhalative, short-term - local	Consumer - dermal, short-term - local	Consumer - oral, short-term - systemic
Alcohol	64-17-5	950 mg/m ³		

Chemical Name	CAS-No	Consumer - oral, long-term - systemic	Consumer - inhalative, long-term - local	Consumer - dermal, long-term - local
Alcohol	64-17-5	87 mg/kg bw/d		

Predicted No Effect Concentration (PNEC)

Chemical Name	CAS-No	Fresh Water	Marine water	Intermittent release
Alcohol	64-17-5	0.96 mg/L	0.79 mg/L	2.75 mg/L

Chemical Name	CAS-No	Freshwater sediment	Marine sediment	Sewage treatment plant
Alcohol	64-17-5	3.6 mg/kg sediment dw	2.9 mg/kg sediment dw	580 mg/L

Chemical Name	CAS-No	Soil	air	Oral
Alcohol	64-17-5	0.63 mg/kg soil dw		

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**

Property	Value / Units	Test Method / Notes
Appearance	Liquid	
Physical State @20°C	Liquid	
Color	Clear	
Odor	pleasant (perfume)	
Odor threshold	No data available	Perceived odor at typical use conditions
pH	4.5 - 7	
Melting Point / Freezing Point	No data available	Not available. This property is not relevant for the safety and classification of this product

Boiling point / boiling range	> 80 °C	
Flash point	50 - 65 °C	.
Relative Evaporation Rate (butylacetate=1)	0.95 – 1.50	
Flammability (solid, gas)	Not applicable	
Explosive limits	No data available	Not available. This property is not relevant for the safety and classification of this product .
Vapor pressure	No data available	Not available. This property is not relevant for the safety and classification of this product
Relative density	0.99 – 1.0	
Solubility	Insoluble in water	
Partition Coefficient (n-octanol/water)	No data available	Not available. This property is not relevant for the safety and classification of this product
Autoignition temperature	No data available	Not available. This property is not relevant for the safety and classification of this product
Decomposition temperature	No data available	Not available. This property is not relevant for the safety and classification of this product
Viscosity	1 – 10 cps	
Explosive properties	Not applicable	Not applicable. This product is not classified as explosive as it does not contain any substances which possesses explosive properties CLP (Art 14 (2)).
Oxidizing properties	Not applicable	Not applicable. This product is not classified as oxidizing as it does not contain any substances which possesses oxidizing properties CLP (Art 14 (2))

9.2 Other information

Other information No information available

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

Acute toxicity	Not Classified. Based on the available data, the classification criteria are not met.
Skin corrosion/irritation	Not Classified. Based on the available data, the classification criteria are not met.
Serious eye damage/eye irritation	Not Classified. Based on the available data, the classification criteria are not met.
Skin sensitization	Not Classified. Based on the available data, the classification criteria are not met.
Respiratory sensitization	Not Classified. Based on the available data, the classification criteria are not met.
Germ cell mutagenicity	Not Classified. Based on the available data, the classification criteria are not met.
Carcinogenicity	Not Classified. Based on the available data, the classification criteria are not met.
Reproductive toxicity	Not Classified. 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

Chemical Name	CAS-No	Oral LD50	Dermal LD50	Inhalation LC50
Alcohol	64-17-5	10470 mg/kg bw (OECD 401)	-	-
Benzisothiazolinone	2634-33-5	1020 mg/kg	-	-

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

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

Chronic Toxicity

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

12.2 Persistence and degradability**Persistence and degradability**

Chemical Name	CAS-No	Persistence and degradability	Ready Biodegradation Test (OECD 301)
Alcohol	64-17-5	Biodegradable	84% O ₂ ; 20 d

12.3 Bioaccumulative potential**Bioaccumulative potential**

No information available.

Chemical Name	CAS-No	Bioaccumulative potential	Octanol/water partition coefficient
Alcohol	64-17-5	Not expected to bioaccumulate due to the low log Kow (log Kow < 4)	-0.35
Benzisothiazolinone	2634-33-5	Not measured	

12.4 Mobility in soil**Mobility**

No information available.

Chemical Name	CAS-No	log Koc
Alcohol	64-17-5	1 (QSAR PCKOCWIN v1.66)

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	Dispose of in accordance with local regulations.
Disposal Recommendations	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
Description	UN1950, AEROSOLS, 2.2
14.3 Transport hazard class(es)	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	Not applicable

IATA

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

ADR

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

RID

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

ADN

14.1 UN no	UN1950
14.2 UN Proper shipping name	AEROSOLS
Description	UN1950, AEROSOLS, 2.2
14.3 Hazard Class	2.2
14.4 Packing Group	Not applicable
14.5 Environmental Hazards	Not applicable
14.6 Special precautions for user	Not applicable
Classification code	5A
Hazard Labels	2.2
Limited quantity	1 L
Ventilation	VE04
Equipment Requirements	PP

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 Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]. Registration, Evaluation, Authorization, and Restriction of Chemicals (REACH) Regulation (EC 1907/2006). Aerosol Directive (75/324/EEC).

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)

OEL: Occupational Exposure Limit
PBT: Persistent, Bioaccumulative and Toxic substance
PNEC(s): Predicted No Effect Concentration(s)
REACH- Registration, Evaluation and Authorization of Chemicals
vPvB: Very Persistent and Very Bioaccumulative

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