

SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1. Product identifier**

Product form : Mixture
Trade name : **Febreze Aerosol Cotton Fresh**
Product code : PA00190993
Product group : Trade product

1.2. Relevant identified uses of the substance or mixture and uses advised against**1.2.1. Relevant identified uses**

Intended for general public
Main use category : Consumer uses: Private households (= general public = consumers)
Function or use category : Air care products

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Procter & Gamble UK Brooklands, Weybridge, Surrey, KT13 0XP, UK

Tel: 01932 896000 Fax: 01932 896200

Retail : sds.im@pg.com
Professional : info.uk@pg.com

1.4. Emergency telephone number

Emergency number : (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 according to Regulation (EC) No. 1272/2008 [CLP]**

Aerosol 3 H229

Full text of H-phrases: see section 16

Classification according to Directive 67/548/EEC or 1999/45/EC

Not classified

Adverse physicochemical, human health and environmental effects

No additional information available

2.2. Label elements**Labelling according to Regulation (EC) No. 1272/2008 [CLP]**

Signal word (CLP) : Warning
Hazard statements (CLP) : H229 - Pressurised container: May burst if heated
Precautionary statements (CLP) : P102 - Keep out of reach of children
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
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
Avoid contact with skin.
Avoid contact with eyes.
EUH phrases : EUH208 - Contains Benzisothiazolinone. May produce an allergic reaction

2.3. Other hazards

Other hazards not contributing to the classification : No presence of PBT and vPvB ingredients.

SECTION 3: Composition/information on ingredients**3.1. Substance**

Not applicable

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according to Regulation (EC) No. 453/2010

3.2. Mixture

Name	Product identifier	%	Classification according to Directive 67/548/EEC	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Alcohol	(CAS No) 64-17-5 (EC no) 200-578-6 (EC index no) 603-002-00-5 (REACH-no) 01-2119457610-43	1 - 5	F; R11	Flam. Liq. 2, H225

Full text of R- and H-phrases: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures after 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.
First-aid measures after skin contact	: Take off contaminated clothing and wash before reuse. IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention. Get medical advice/attention. Discontinue use of product.
First-aid measures after 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.
First-aid measures after 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: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	: Dry chemical powder, alcohol-resistant foam, carbon dioxide (CO2).
Unsuitable extinguishing media	: 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 reactions known.

5.3. Advice for firefighters

Firefighting instructions	: No specific firefighting instructions required.
Protection during firefighting	: In case of inadequate ventilation wear respiratory protection.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Protective equipment	: Wear suitable gloves and eye/face protection.
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6.1.2. For emergency responders

Protective equipment	: Wear suitable gloves and eye/face protection.
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6.2. Environmental precautions

Prevent soil and water pollution. Prevent spreading in sewers.

6.3. Methods and material for containment and cleaning up

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.

6.4. Reference to other sections

Refer to Sections 8 and 13.

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according to Regulation (EC) No. 453/2010

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for 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

Storage conditions : Store in original container. Refer to section 10.
Incompatible products : Refer to section 10.
Incompatible materials : Not applicable.
Prohibitions on mixed storage : Not applicable.
Storage area : Store in a cool area. Store in a dry area.

7.3. Specific end use(s)

Air Freshener non-aerosol.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Alcohol (64-17-5)	
DNEL/DMEL (Workers)	
Acute - local effects, inhalation	1900 mg/m ³
Long-term - systemic effects, dermal	343 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	950 mg/m ³
DNEL/DMEL (General population)	
Acute - local effects, inhalation	950 mg/m ³
Long-term - systemic effects, oral	87 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	114 mg/m ³
Long-term - systemic effects, dermal	206 mg/kg bodyweight/day
PNEC (Water)	
PNEC aqua (freshwater)	0.96 mg/l
PNEC aqua (marine water)	0.79 mg/l
PNEC aqua (intermittent, freshwater)	580 mg/l
PNEC (Sediment)	
PNEC sediment (freshwater)	3.6 mg/kg dwt
PNEC sediment (marine water)	2.9 mg/kg dwt
PNEC (Soil)	
PNEC soil	0.63 mg/kg dwt
PNEC (STP)	
PNEC sewage treatment plant	580 mg/l

8.2. Exposure controls

Eye protection : Not applicable.
Skin and body protection : Not applicable.
Respiratory protection : Not applicable.
Thermal hazard protection : Not applicable.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Liquid
Appearance : Liquid.
Colour : clear.
Odour : pleasant (perfume).
Odour threshold : No data available
pH : 5.8
Relative evaporation rate (butylacetate=1) : Not measured.
Melting point : Not measured.
Freezing point : No data available
Boiling point : No data available
Flash point : 52 - 60 °C

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Auto-ignition temperature	: No data available
Decomposition temperature	: Not measured.
Flammability (solid, gas)	: Not flammable
Vapour pressure	: No data available
Relative vapour density at 20 °C	: Not measured.
Relative density	: No data available
Density	: 0.993 g/ml
Solubility	: Not soluble in water.
Log Pow	: No data available
Log Kow	: No data available
Viscosity	: 2.5 - 3.5 cP
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: Product is not explosive

9.2. Other information

No additional 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

Refer to section 10.1 on Reactivity.

10.4. Conditions to avoid

Protect from sunlight. Do not expose to temperatures exceeding 50 °C.

10.5. Incompatible materials

Not applicable.

10.6. Hazardous decomposition products

None under normal use.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Not classified

Mistral - Cotton Fresh - (EMEA 2014 One-Shot compl.)

LD50 oral calculated	> 2000 mg/kg
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Alcohol (64-17-5)

LD50 oral calculated	10470 mg/kg OECD 301 B
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LD50 dermal rat	15800 mg/kg
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LC50 inhalation rat (mg/l)	117 mg/l/4h OECD 403
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ATE CLP (oral)	10470 mg/kg bodyweight
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ATE CLP (dermal)	15800 mg/kg bodyweight
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ATE CLP (vapours)	117.000 mg/l/4h
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ATE CLP (dust,mist)	117.000 mg/l/4h
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Skin corrosion/irritation : Not classified
pH: 5.8

Serious eye damage/irritation : Not classified
pH: 5.8

Respiratory or skin sensitisation : Not classified

Germ cell mutagenicity : Not classified

Carcinogenicity : Not classified

Reproductive toxicity : Not classified

Specific target organ toxicity (single exposure) : Not classified

Specific target organ toxicity (repeated exposure) : Not classified

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Aspiration hazard	: Not classified
Potential Adverse human health effects and symptoms	: Acute Toxicity: based upon available data of the substances, classification criteria are not met. Carcinogenicity: based upon available data of the substances, classification criteria are not met. Corrosivity: based upon available data of the substances, classification criteria are not met. Irritation: moderately irritating to eyes. Mutagenicity: based upon available data of the substances, classification criteria are not met. Repeated Dose Toxicity: based upon available data of the substances, classification criteria are not met. Toxicity for Reproduction: based upon available data of the substances, classification criteria are not met. Toxicity for Irritation: based upon available data of the substances, classification criteria are not met. Irritation: moderately irritating to skin. Sensitization: May cause sensitization by skin contact.
Other information	: Likely routes of exposure: inhalation, skin and eye. Information on Effects: refer to section 4.

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Alcohol (64-17-5)	
LC50 fishes 1	15300 mg/l Pimephales promelas
LC50 other aquatic organisms 1	590 mg/l Spirostomum ambiguum
EC50 Daphnia 1	5012 mg/l Ceriodaphnia dubia
LC50 other aquatic organisms 2	4432 mg/l
ErC50 (algae)	275 mg/l OECD 201, Chlorella vulgaris
NOEC chronic fish	245 mg/l
NOEC chronic crustacea	9.6 mg/l Daphnia magna

12.2. Persistence and degradability

Alcohol (64-17-5)	
Persistence and degradability	The substance is biodegradable. Unlikely to persist.
BOD (% of ThOD)	74 % ThOD

12.3. Bioaccumulative potential

Alcohol (64-17-5)	
Bioconcentration factor (BCF REACH)	1
Log Pow	-0.35 24 C, pH 7
Bioaccumulative potential	Not expected to bioaccumulate due to the low log Kow (log Kow < 4).

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

Mistral - Cotton Fresh - (EMEA 2014 One-Shot compl.)	
Results of PBT assessment	No presence of PBT and vPvB ingredients
Component	
Alcohol (64-17-5)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

12.6. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Regional legislation (waste)	: Disposal must be done according to official regulations.
Waste disposal recommendations	: The waste codes/waste designations below are in accordance with EWC. Waste must be delivered to an approved waste disposal company. The waste is to be kept separate from other types of waste until its disposal. Do not throw waste product into the sewer.
EURAL Waste code product	: 16 05 04* - gases in pressure containers (including halons) containing dangerous substances

SECTION 14: Transport information

14.1. UN number

UN-No	: 1950
UN-No. (ICAO)	: 1950

14.2. UN proper shipping name

Proper Shipping Name	: AEROSOLS
Transport document description	: UN 1950 AEROSOLS, 2.2, (E)

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14.3. Transport hazard class(es)

Class (UN) : 2
Class (ICAO) : 2 - Gases
Hazard labels (UN) : 2.2



14.4. Packing group

Not applicable

14.5. Environmental hazards

Other information : No supplementary information available.

14.6. Special precautions for user

Special transport precautions : No additional information available.

14.6.1. Overland transport

State during transport (ADR-RID) : as liquid
Classification code (UN) : 5A
Special provisions (ADR) : 190, 327, 344, 625
Transport category (ADR) : 3
Tunnel restriction code : E
Limited quantities (ADR) : 1L
Excepted quantities (ADR) : E0

14.6.2. Transport by sea

Transport regulations (IMDG) : No additional information available

14.6.3. Air transport

No additional information available

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

IBC code : Not applicable.

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

No REACH Annex XVII restrictions
Contains no REACH candidate substance

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

SECTION 16: Other information

Data sources : On basis of test data. Expert judgment.
Training advice : Normal use of this product shall imply use in accordance with the instructions on the packaging.
Salts listed in Section 3 without a REACH Registration number are exempt, based on Annex V

Full text of R-, H- and EUH-phrases:

Aerosol 3	Aerosol, Category 3
Flam. Liq. 2	Flammable liquids, Category 2
H225	Highly flammable liquid and vapour
H229	Pressurised container: May burst if heated
R11	Highly flammable
F	Highly flammable

SDS P&G CLP

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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