

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

Product form : Mixture  
Trade name : Febreze AIR Fruity Tropics aerosol  
Product code : PA00204423 / 90929141  
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 : pgsds.im@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 hazard classes and H-statements : see section 16

**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.  
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  
EUH-statements : EUH208 - Contains Benzisothiazolinone, Hydroxyisohexyl 3-Cyclohexene Carboxaldehyde.  
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. Substances**

Not applicable

# Febreze Fruity Tropics

## Safety Data Sheet

according to Regulation (EU) 2015/830

### 3.2. Mixtures

Name	Product identifier	%	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) 01-2119457610-43-0479, 01-2119457610-43-0502	1 - 5	Flam. Liq. 2, H225 Eye Irrit. 2, H319
Oxacyclohexadecenone	(CAS No) 111879-80-2 (EC-No.) 422-320-3 (EC Index-No.) 606-092-00-4 (REACH-no) 01-0000016883-62	< 1	Aquatic Acute 1, H400 Aquatic Chronic 2, H411
Hydroxyisohexyl 3-Cyclohexene Carboxaldehyde	(CAS No) 31906-04-4 (EC-No.) 250-863-4 (REACH-no) 01-2119971808-21	< 1	Skin Sens. 1A, H317
Benzisothiazolinone	(CAS No) 2634-33-5 (EC-No.) 220-120-9 (EC Index-No.) 613-088-00-6	< 1	Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Eye Dam. 1, H318 Skin Sens. 1, H317 Aquatic Acute 1, H400

Full text of H-statements: 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/doctor.
First-aid measures after skin contact	: Take off contaminated clothing. IF ON SKIN: Wash with plenty of 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/doctor. 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/doctor. IF SWALLOWED: rinse mouth. Do NOT induce vomiting.

### 4.2. Most important symptoms and effects, both acute and delayed

Symptoms/effects after inhalation	: Coughing. sneezing. Headache. Drowsiness. Dizziness.
Symptoms/effects after skin contact	: Redness. Swelling. dryness. Itching.
Symptoms/effects after eye contact	: Severe pain. Redness. Swelling. Blurred vision.
Symptoms/effects 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 (CO <sub>2</sub> ).
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.
----------------------	---

#### 6.1.2. For emergency responders

Protective equipment	: Wear suitable gloves and eye/face protection.
----------------------	---

### 6.2. Environmental precautions

Prevent soil and water pollution. Prevent spreading in sewers.

# Febreze Fruity Tropics

## Safety Data Sheet

according to Regulation (EU) 2015/830

### 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.

## 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 : Refer to section 10.
- Information on mixed storage : Not applicable.
- Storage area : Store in a cool area. Store in a dry area.

### 7.3. Specific end use(s)

Refer to section 1.2.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### 8.1.1. National limit values

Alcohol (64-17-5)		
United Kingdom	WEL TWA (mg/m <sup>3</sup> )	1920 mg/m <sup>3</sup>
United Kingdom	WEL TWA (ppm)	1000 ppm

#### 8.1.2. Monitoring procedures: DNELS, PNECS, OEL

Alcohol (64-17-5)	
DNEL/DMEL (Workers)	
Acute - local effects, inhalation	1900 mg/m <sup>3</sup>
Long-term - systemic effects, dermal	343 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	950 mg/m <sup>3</sup>
DNEL/DMEL (General population)	
Acute - local effects, inhalation	950 mg/m <sup>3</sup>
Long-term - systemic effects, oral	87 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	114 mg/m <sup>3</sup>
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)	2.75 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

- 8.2.1. Appropriate engineering controls : No additional information available
- 8.2.2. Personal protective equipment
- Eye protection : Not applicable.
- Skin and body protection : Not applicable.

# Febreze Fruity Tropics

## Safety Data Sheet

according to Regulation (EU) 2015/830

Respiratory protection : Not applicable.

Thermal hazard protection : Not applicable.

### 8.2.3. 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	Unit	Test method/Notes
Appearance	Liquid.		
Physical state	Liquid		
Colour	clear.		
Odour	pleasant (perfume).		
Odour threshold			Perceived odor at typical use conditions
pH	4.5 - 5.5		
Melting point		°C	Not available. This property is not relevant for the safety and classification of this product
Freezing point			Not available. This property is not relevant for the safety and classification of this product
Boiling point	83 - 113	°C	
Flash point	50 - 65	°C	
Relative evaporation rate (butylacetate=1)			Not available. This property is not relevant for the safety and classification of this product
Flammability (solid, gas)	No data available		
Explosive limits			Not available. This property is not relevant for the safety and classification of this product
Vapour pressure			Not available. This property is not relevant for the safety and classification of this product
Relative density	No data available		
Solubility	Not soluble in water.		
Log Pow			Not available. This property is not relevant for the safety and classification of this product
Auto-ignition temperature			Not available. This property is not relevant for the safety and classification of this product
Decomposition temperature			Not available. This property is not relevant for the safety and classification of this product
Viscosity	1 - 10	cP	
Explosive properties	Not applicable. This product is not classified as explosive as it does not contain any substances which possesses explosive properties CLP (Art 14 (2)).		
Oxidising properties	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

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No dangerous reactions known.

### 10.2. Chemical stability

Stable under normal conditions.

# Febreze Fruity Tropics

## Safety Data Sheet

according to Regulation (EU) 2015/830

### 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

#### 11.1.1. Mixtures

Febreze Fruity Tropics	
Acute toxicity	Not classified (*)
Skin corrosion/irritation	Not classified (*)
Serious eye damage/irritation	Not classified (*)
Respiratory or skin sensitisation	Not classified (*)
Germ cell mutagenicity	Not classified (*)
Carcinogenicity	Not classified (*)
Reproductive toxicity	Not classified (*)
STOT-single exposure	Not classified (*)
STOT-repeated exposure	Not classified (*)
Aspiration hazard	Not classified (*)

(\*) Based upon available data of the substances and/or the product, product classification criteria are not met. See Section 2 and Section 16 for applicable hazard classification and classification procedure, respectively.

#### 11.1.2. Substances in the mixture

Acute toxicity:

Alcohol (64-17-5)	
LD50 oral rat	10470 mg/kg bw (OECD 401)
Benzisothiazolinone (2634-33-5)	
LD50 oral rat	1020 mg/kg

## SECTION 12: Ecological information

### 12.1. Toxicity

Ecology - general : 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.

Alcohol (64-17-5)	
LC50 fishes 1	14200 mg/l US EPA E03-05; Pimephales promelas; 96 h
LC50 other aquatic organisms 1	> 1000 mg/l OECD 209; 3 h
EC50 Daphnia 1	5012 mg/l ASTM E729-80; Ceriodaphnia dubia; 48 h
ErC50 (algae)	275 mg/l //OECD 201; Chlorella vulgaris; 72 h
NOEC chronic fish	7900 mg/l Oryzias latipes; 8.33 d
NOEC chronic crustacea	9.6 mg/l Ceriodaphnia dubia; 10 d
NOEC chronic algae	11.5 mg/l //OECD 201; Chlorella vulgaris; 3 d
Benzisothiazolinone (2634-33-5)	
LC50 fishes 1	0.00997 mg/l Oncorhynchus mykiss; 96 h
EC50 Daphnia 1	0.02743 mg/l Daphnia magna; 48 h

### 12.2. Persistence and degradability

Alcohol (64-17-5)	
Persistence and degradability	Biodegradable.
Biodegradation	84 % O <sub>2</sub> ; 20 d

### 12.3. Bioaccumulative potential

Alcohol (64-17-5)	
Log Pow	0.35
Bioaccumulative potential	Not expected to bioaccumulate due to the low log Kow (log Kow < 4).

# Febreze Fruity Tropics

## Safety Data Sheet

according to Regulation (EU) 2015/830

Benzisothiazolinone (2634-33-5)	
Bioaccumulative potential	Not measured.

### 12.4. Mobility in soil

Alcohol (64-17-5)	
Mobility in soil	1 QSAR PCKOCWIN v1.66

### 12.5. Results of PBT and vPvB assessment

Febreze Fruity Tropics	
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

Other information : No other effects known.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

- 13.1.1. Regional legislation (waste) : Disposal must be done according to official regulations.
- 13.1.2. 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.
- 13.1.3. 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 (ADR) : UN 1950 AEROSOLS, 2.2, (E)

### 14.3. Transport hazard class(es)

Class (UN) : 2  
Class (ICAO) : 2 - Gases  
Danger 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

#### 14.6.1. Overland transport

Classification code (UN) : 5A  
Special provisions (ADR) : 190, 327, 344, 625  
Transport category (ADR) : 3  
Tunnel restriction code : E  
Limited quantities (ADR) : 11  
Excepted quantities (ADR) : E0

#### 14.6.2. Transport by sea

Transport regulations (IMDG) : Subject to the provisions

# Febreze Fruity Tropics

## Safety Data Sheet

according to Regulation (EU) 2015/830

### 14.6.3. Air transport

Transport regulations (IATA) : Subject to the provisions

### 14.7. Transport in bulk according to Annex II of Marpol and the 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

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

Other information, restriction and prohibition regulations : Classification according to Regulation (EC) No. 1272/2008 [CLP]. Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006. Aerosol Directive (75/324/EEC).

#### 15.1.2. National regulations

No additional information available

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

## SECTION 16: Other information

### 16.1. Indication of changes

Reason for the revision of the SDS : Change in SECTION 2: Hazards identification  
new version due to change in section 3, and potential other changes in Sections 8, 11 and 12  
Change in SECTION 4: First aid measures  
Change in SECTION 14: Transport information  
Change in SECTION 16: Other information

### 16.2. Abbreviations and acronyms

LC50: Lethal Concentration to 50 % of a test population. LD50: Lethal Dose to 50% of a test population (Median Lethal Dose). vPvB: Very Persistent and Very Bioaccumulative. PNEC(s): Predicted No Effect Concentration(s). PBT: Persistent, Bioaccumulative and Toxic substance. AND: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways. ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road. ATE: Acute Toxicity Estimate. DNEL: Derived-No Effect Level. OEL: Occupational Exposure Limit.

### 16.3. Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]

Classification according to Regulation (EC) No. 1272/2008 [CLP]	classification procedure
Aerosol 3	Weight of evidence Expert judgment

### 16.4. Relevant R-phrases and/or H-statements (number and full text) for mixture and substances

Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aerosol 3	Aerosol, Category 3
Aquatic Acute 1	Hazardous to the aquatic environment — AcuteHazard, Category 1
Aquatic Chronic 2	Hazardous to the aquatic environment — Chronic Hazard, Category 2
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Flam. Liq. 2	Flammable liquids, Category 2
Skin Irrit. 2	Skin corrosion/irritation, Category 2
Skin Sens. 1	Sensitisation — Skin, category 1
Skin Sens. 1A	Sensitisation — Skin, category 1A
H225	Highly flammable liquid and vapour.
H229	Pressurised container: May burst if heated
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.

# Febreze Fruity Tropics

## Safety Data Sheet

according to Regulation (EU) 2015/830

H411	Toxic to aquatic life with long lasting effects.
EUH208	Contains . May produce an allergic reaction.

### 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

SDS P&G CLP

*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*