



# SAFETY DATA SHEET

Issuing Date: 02-Mar-2017

Revision Date: 02-Mar-2017

Version 1

According to 1907/2006 and its amendment Regulation (EU) 2015/830

This Safety Data Sheet (SDS) is not required under local legislation, implementing the UN Globally Harmonized System (GHS).  
This SDS is being provided as a courtesy to help assist in the safe handling and proper use of the product

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

### 1.1 Product identifier

Product Identifier	90581073_RET_CLP_ASIAPAC
Product Name	Febreze Easy Clip Sky Breeze
Synonyms	Febreze Vent Clips Linen and Sky Febreze Easy Clip Sweet Fruit

### 1.2 Relevant identified uses of the substance or mixture and uses advised against

Recommended Use	Air freshener
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### 1.3 Details of the supplier of the safety data sheet

Procter & Gamble Company

For further information, please contact: pgsds.im@pg.com

### 1.4 Emergency Telephone Number

Emergency Telephone	ASIA: CONTACT CHEMTREC (24 hr): International toll-free + 011-800-424-9300 China 4001-204937 Hong Kong 800-968-793 India 000-800-100-7141 Indonesia 001-803-017-9114 Japan (Tokyo) +(81)-345209637 Malaysia in-country 60-327884561 Philippines 1-800-1-116-1020 00801-14-8954 Singapore in-country +(65)-31581349 or toll-free 800-101-2201 South Korea 00-308-13-2549 Vietnam +(84)-838012436
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## 2. HAZARD IDENTIFICATION

### 2.1 Classification of the substance or mixture

#### GHS / CLP - Regulation (EC) No 1272/2008

Skin corrosion/irritation	Category 2 - (H315)
Serious eye damage/eye irritation	Category 2 - (H319)

**Skin sensitization** Category 1 - (H317)  
**Chronic aquatic toxicity** Category 2 - (H411)

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

## **2.2 Label elements**

**Classification according to Regulation (EC) No. 1272/2008  
[CLP]**

**Hazard pictograms**



**Signal Word**

WARNING

**Hazard Statements**

H411 - Toxic to aquatic life with long lasting effects  
H315 - Causes skin irritation  
H319 - Causes serious eye irritation  
H317 - May cause an allergic skin reaction

**Precautionary Statements**

P273 - Avoid release to the environment  
P280 - Wear eye protection

Contains Nopyl acetate, Citronellol, Hydroxycitronellal, Limonene, 2,4-Dimethyl-3-Cyclohexene Carboxaldehyde, Mentha Viridis Leaf Oil, Cyclooctenyl Methyl Carbonate, Ethyl 3-phenylglycidate, Delta-Damascone, Rose Ketone-4  
Contains Carvone

## **2.3 Other hazards**

**Other hazards**

None.

### 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 (acute)	M-Factor (chronic)
Trimethylhexyl Acetate	58430-94-7	261-245-9	-	30 - 50	Skin Irrit. 2(H315) Aquatic Chronic 2(H411)		
Linalool	78-70-6	201-134-4	01-2119474016-42	30 - 50	Skin Irrit. 2(H315) Eye Irrit. 2(H319) Skin Sens. 1B(H317)		
Benzyl Acetate	140-11-4	205-399-7	01-2119638272-42	10 - 30	Aquatic Chronic 3(H412)		
Verdyl Acetate	5413-60-5	226-501-6	-	10 - 30	Aquatic Chronic 3(H412)		
Methyl decenol	81782-77-6	279-815-0	-	10 - 30	Aquatic Acute 1(H400)	1	
Dihydrocitronellol	106-21-8	203-374-5	-	10 - 30	Skin Irrit. 2(H315) Eye Irrit. 2(H319) Aquatic Chronic 2(H411)		
2-t-Butylcyclohexyl Acetate	88-41-5	201-828-7	-	10 - 30	Aquatic Chronic 2(H411)		
Nopyl acetate	128-51-8	204-891-9	-	3 - 10	Skin Sens. 1B(H317) Eye Irrit. 2(H319) Aquatic Chronic 2(H411)		
Isobutyl Methyl Tetrahydropyranol	63500-71-0	405-040-6	01-2119455547-30	3 - 10	Eye Irrit. 2(H319)		
Citronellol	106-22-9	203-375-0	01-2119453995-23	3 - 10	Skin Irrit. 2(H315) Skin Sens. 1B(H317) Eye Irrit. 2(H319)		
Citronellyl acetate	150-84-5	205-775-0	-	3 - 10	Skin Irrit. 2(H315) Aquatic Chronic 2(H411)		
Hydroxycitronellal	107-75-5	203-518-7	-	3 - 10	Skin Sens. 1B(H317) Eye Irrit. 2(H319)		
2,4-dimethyl-4,4a,5,9b-tetrahydroindeno-1,3-dioxin	27606-09-3	248-561-2	-	3 - 10	Acute Tox. 4(H302)		
Allyl heptanoate	142-19-8	205-527-1	-	1 - 3	Acute Tox. 3(H301) Acute Tox. 3(H311) Acute Tox. 3(H331) Aquatic Acute 1(H400) Aquatic Chronic 3(H412)	1	1
Pentitol, 1,5-anhydro-2,4-dideoxy-2-pentyl-, 3-acetate	18871-14-2	242-640-5	-	1 - 3	Aquatic Chronic 3(H412)		
Tricyclodecanyl Propionate	17511-60-3	241-514-7	-	1 - 3	Aquatic Chronic 2(H411)		
BHT	128-37-0	204-881-4	01-2119565113-46	1 - 3	Aquatic Acute 1(H400) Aquatic Chronic 1(H410)		
Limonene	5989-27-5	227-813-5	-	1 - 3	Flam. Liq. 3(H226) Asp. Tox. 1(H304) Skin Irrit. 2(H315) Skin Sens. 1B(H317) Aquatic Acute 1(H400) Aquatic Chronic 1(H410)		
2,4-Dimethyl-3-Cyclohexene Carboxaldehyde	68039-49-6	268-264-1	01-2119982384-28	1 - 3	Skin Irrit. 2(H315) Skin Sens. 1B(H317) Aquatic Chronic 2(H411)		
Cyclooctenyl Methyl Carbonate	87731-18-8	401-620-8	01-0000015147-73	1 - 3	Skin Sens. 1(H317)		
Mentha Viridis Leaf Oil	84696-51-5	283-656-2	-	1 - 3	Asp. Tox. 1(H304) Skin Irrit. 2(H315) Skin Sens. 1(H317) Aquatic Chronic 2(H411)		
Decanal	112-31-2	203-957-4	-	1 - 3	Eye Irrit. 2(H319) Aquatic Chronic 3(H412)		
Isoamyl Allylglycolate	67634-00-8	266-803-5	-	1 - 3	Acute Tox. 4(H302) Skin Irrit. 2(H315)		

Ethyl 3-phenylglycidate	121-39-1	204-467-3	-	1 - 3	Skin Sens. 1B(H317)		
Isobutenyl Methyltetrahydropyran	16409-43-1	240-457-5	-	1 - 3	Skin Irrit. 2(H315) Eye Irrit. 2(H319) Repr. 2(H361f)		
Carvone	99-49-0	202-759-5	-	0.1 - 1	Skin Sens. 1B(H317)		
Delta-Damascone	57378-68-4	260-709-8	01-2119535122-53	0.1 - 1	Acute Tox. 4(H302) Skin Irrit. 2(H315) Skin Sens. 1A(H317) Aquatic Acute 1(H400) Aquatic Chronic 1(H410)		
Rose Ketone-4	23696-85-7	245-833-2	-	0.1 - 1	Skin Sens. 1A(H317) Aquatic Chronic 2(H411)		

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

## 4. FIRST AID MEASURES

### 4.1 Description of first-aid measures

<b>Skin contact</b>	IF ON SKIN: Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention. Take off contaminated clothing and wash before reuse. Wash hands thoroughly after handling.
<b>Eye contact</b>	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.

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

**Main Symptoms** MAY CAUSE SKIN IRRITATION. May cause eye irritation. May cause allergic skin reaction.

### 4.3 Indication of any immediate medical attention and special treatment needed

**Notes to Physician** Refer to section 4.1

## 5. FIRE-FIGHTING MEASURES

### 5.1 Extinguishing media

**Suitable extinguishing media** Water. Dry chemical. Alcohol-resistant foam.

**Extinguishing media which shall not be used for safety reasons** No information available.

### 5.2 Special hazards arising from the substance or mixture

**Special hazard** None in particular.

### 5.3 Advice for firefighters

**Special protective equipment for fire-fighters** Wear self-contained breathing apparatus and protective suit.

## 6. ACCIDENTAL RELEASE MEASURES

### 6.1 Personal precautions, protective equipment and emergency procedures

**Personal precautions** Wear protective gloves/protective clothing and eye/face protection.

## 6.2 Environmental precautions

**Environmental precautions** Do not discharge product into natural waters without pre-treatment or adequate dilution.

## 6.3 Methods and materials for containment and cleaning up

**Methods for containment** Prevent further leakage or spillage if safe to do so.

**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).

## 6.4 Reference to other sections

**Other information** Refer to protective measures listed in Sections 7 and 8.

# 7. HANDLING AND STORAGE

## 7.1 Precautions for safe handling

**Advice on safe handling** Keep container closed when not in use.

## 7.2 Conditions for safe storage, including any incompatibilities

**Technical measures/Storage conditions** Keep containers tightly closed in a dry, cool and well-ventilated place.

**Requirements for storage areas and containers** Not Applicable

## 7.3. Specific end use(s)

**Specific end uses** Not Applicable

# 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

## 8.1 Control parameters

**Exposure Guidelines** No information available.

## Derived No Effect Level (DNEL)

### Workers

Chemical Name	Worker - dermal, long-term - systemic	Worker - inhalative, long-term - systemic	Worker - dermal, long-term - local	Worker - inhalative, long-term - local
BHT	0.5 mg/kg bw/day	3.5 mg/m <sup>3</sup>		

### Consumers

Chemical Name	Consumer - oral, long-term - systemic	Consumer - inhalative, long-term - systemic	Consumer - dermal, long-term - systemic
BHT	0.25 mg/kg bw/day	0.86 mg/m <sup>3</sup>	0.25 mg/kg bw/day

## Predicted No Effect Concentration (PNEC)

Chemical Name	Fresh Water	Marine water	Intermittent release
BHT	0.199 µg/L	0.0199 µg/L	1.99 µg/L

Chemical Name	Freshwater sediment	Marine sediment	Sewage treatment plant	Soil	air	Oral
BHT	99.6 µg/kg sediment dw	9.96 µg/kg sediment dw	0.17 mg/L	47.69 µg/kg soil dw		

**8.2 Exposure controls****Personal protective equipment****Eye Protection****Manufacturing Sites:**

Wear safety glasses with side shields (or goggles)

**Hand Protection****Manufacturing Sites:**

Wear protective natural rubber, nitrile rubber, Neoprene™ or PVC gloves  
Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion

**Skin and Body Protection****Manufacturing Sites:**

Wear protective gloves and protective clothing  
Contaminated work clothing should not be allowed out of the workplace  
Wash contaminated clothing before reuse

**Respiratory Protection****Manufacturing Sites:**

Do not breathe dust/fume/gas/mist/vapors/spray

**Thermal hazards**

Not available.

**Hygiene measures**

Handle in accordance with good industrial hygiene and safety practice

**Environmental exposure controls**

See section 6 for more information.

**9. PHYSICAL AND CHEMICAL PROPERTIES****9.1 Information on basic physical and chemical properties****Physical State @20°C**

Liquid

**Appearance**

colorless, Pale, Yellow

**Odor**

Perfume

**Property****Values****Note**

pH

Not Applicable

Melting/freezing point

Not available

Boiling point/boiling range

160 °C

Flash point

82 °C

Closed cup.

Evaporation rate

Not available

Upper flammability limit

Not available

Lower Flammability Limit

Not available

Flammability (solid, gas)

Not available

Vapor pressure

Not available

Vapor density

Not available

Relative density

Not available

Solubility

Not available

Partition Coefficient

Not available

(n-octanol/water)

Autoignition temperature

Not available

Decomposition temperature

Not available

Viscosity

Not available

Explosive properties

Not applicable

Not applicable. This product does not contain any substance which possesses dust explosible properties.

Oxidizing properties

Not available

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

# 10. STABILITY AND REACTIVITY

## 10.1 Reactivity

**Reactivity** None under normal use conditions.

## 10.2 Chemical stability

**Stability** Stable under normal conditions.

## 10.3 Possibility of hazardous reactions

**Hazardous polymerization** None under normal processing.

## 10.4 Conditions to Avoid

**Conditions to Avoid** No information available.

## 10.5 Materials to avoid

**Materials to avoid** None in particular.

## 10.6 Hazardous Decomposition Products

**Hazardous Decomposition Products** None under normal use conditions.

# 11. TOXICOLOGICAL INFORMATION

## 11.1 Information on toxicological effects

### Product Information

<b>Principle routes of exposure</b>	Skin contact, Eye contact, Inhalation, Ingestion.
<b>Acute toxicity</b>	Not Classified. Based on the available data, the classification criteria are not met.
<b>Skin corrosion/irritation</b>	Irritating to skin.
<b>Serious eye damage/eye irritation</b>	Causes serious eye irritation.
<b>Skin sensitization</b>	May cause sensitization by skin contact.
<b>Respiratory sensitization</b>	Not Classified. Based on the available data, the classification criteria are not met.
<b>Germ cell mutagenicity</b>	Not Classified. Based on the available data, the classification criteria are not met.
<b>Carcinogenicity</b>	Not Classified. Based on the available data, the classification criteria are not met.
<b>Reproductive toxicity</b>	Not Classified. Based on the available data, the classification criteria are not met.
<b>STOT - single exposure</b>	Not Classified. Based on the available data, the classification criteria are not met.
<b>STOT - repeated exposure</b>	Not Classified. Based on the available data, the classification criteria are not met.
<b>Aspiration hazard</b>	Not Classified. Based on the available data, the classification criteria are not met.

Chemical Name	CAS-No	Oral LD50	Dermal LD50	Inhalation LC50
Linalool	78-70-6	2790 mg/kg bw (OECD 401)	-	-
Dihydrocitronellol	106-21-8	//	//	//
Verdyl Acetate	5413-60-5	//	//	//
Citronellol	106-22-9	3450 mg/kg bodyweight (rat)	2650 mg/kg bodyweight (rabbit)	-
Allyl heptanoate	142-19-8	218 mg/kg bw (//OECD 401)	810 mg/kg bw (//OECD 402)	-
Isoamyl Allylglycolate	67634-00-8	730 730 (rat)	-	-
Delta-Damascone	57378-68-4	1400 mg/kg (rat)	-	-

## 12. ECOLOGICAL INFORMATION

### 12.1 Toxicity

#### Ecotoxicity effects

Toxic to aquatic life with long lasting effects.

#### 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)*	Toxicity to other organisms
BHT	128-37-0	0.199 mg/L (QSAR calculation by ECOSAR v1.00a, EPA)	0.758 mg/L (QSAR calculation by ECOSAR v1.00a, EPA, green algae)	0.48 mg/L (OECD 202, Daphnia magna, static)	1.7 mg/L (growth inhibition, tetrahymena pyriformis, static )	-

\* If different it will be explained in the table

### 12.2 Persistence and degradability

Chemical Name	CAS-No	Ready Biodegradation Test (OECD 301)	Abiotic Degradation Hydrolysis	Abiotic Degradation Photolysis	Biodegradation Other Tests
BHT	128-37-0				5.2 % 14CO2

### 12.3 Bioaccumulative potential

Chemical Name	CAS-No	Octanol/water partition coefficient	Bioconcentration factor (BCF)
BHT	128-37-0	5.1 (EPI-Suite, experimental database)	598.4 (Calculation by EPI-Suite, EPA (USA) / BCFWIN v2.17)

### 12.4 Mobility in soil

### 12.5 Results of PBT and vPvB assessment

#### PBT and vPvB assessment

The components in this formulation do not meet the criteria for classification as PBT or vPvB.

### 12.6 Other adverse effects

No information available.

## 13. DISPOSAL CONSIDERATIONS

### 13.1 Waste treatment methods

#### Waste from Residues / Unused Products

Dispose of in accordance with local regulations.

#### Disposal recommendations

Dispose of in accordance with federal, state, and local regulations.

#### Contaminated packaging

Empty containers should be taken to an approved waste handling site for recycling or disposal.



EWC Waste Disposal No 07 06 01

### 13.2 Additional information

Additional information No information available

## 14. TRANSPORT INFORMATION

### IMDG

**14.1 UN Number** UN3082  
**14.2 UN Proper shipping name** Environmentally hazardous substance, liquid, n.o.s.  
**Description** UN3082, Environmentally hazardous substance, liquid, n.o.s.(TRIMETHYLHEXYL ACETATE, METHYL DECENOL), 9, III, Marine pollutant  
**14.3 Transport hazard class(es)** 9  
**14.4 Packing Group** III  
**14.5 Environmental Hazards** Yes  
**EmS-No** F-A, S-F  
**14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code** No information available

### IATA

**14.1 UN no** UN3082  
**14.2 UN Proper shipping name** Environmentally hazardous substance, liquid, n.o.s.  
**Description** UN3082, Environmentally hazardous substance, liquid, n.o.s. (TRIMETHYLHEXYL ACETATE, METHYL DECENOL), 9, III  
**14.3 Hazard Class** 9  
**14.4 Packing Group** III  
**14.5 Environmental Hazards** Yes  
**ERG Code** 9L  
**IATA comment** The shipper is responsible for identifying any exemptions, including Limited Quantity, that may apply based on package size

### ICAO

**14.1 UN no** UN3082  
**14.2 UN Proper shipping name** Environmentally hazardous substance, liquid, n.o.s.  
**Description** UN3082, Environmentally hazardous substance, liquid, n.o.s. (TRIMETHYLHEXYL ACETATE, METHYL DECENOL), 9, III  
**14.3 Hazard Class** 9  
**14.4 Packing Group** III  
**14.5 Environmental Hazards** Yes

### ADR

**14.1 UN no** UN3082  
**14.2 UN Proper shipping name** Environmentally hazardous substance, liquid, n.o.s.  
**Description** UN3082, Environmentally hazardous substance, liquid, n.o.s. (TRIMETHYLHEXYL ACETATE, METHYL DECENOL), 9, III  
**14.3 Hazard Class** 9  
**14.4 Packing Group** III  
**14.5 Environmental Hazards** Yes  
**Classification code** M6  
**ADR/RID-Labels** 9

### RID

**14.1 UN no** UN3082  
**14.2 UN Proper shipping name** Environmentally hazardous substance, liquid, n.o.s.  
**Description** UN3082, Environmentally hazardous substance, liquid, n.o.s. (TRIMETHYLHEXYL ACETATE, METHYL DECENOL), 9, III  
**14.3 Hazard Class** 9  
**14.4 Packing Group** III

**14.5 Environmental Hazards** Yes  
**Classification code** M6

**ADN**

**14.1 UN no** UN3082  
**14.2 UN Proper shipping name** Environmentally hazardous substance, liquid, n.o.s.  
**Description** UN3082, Environmentally hazardous substance, liquid, n.o.s. (TRIMETHYLHEXYL ACETATE, METHYL DECENOL), 9, III  
**14.3 Hazard Class** 9  
**14.4 Packing Group** III  
**14.5 Environmental Hazards** Yes  
**Classification code** M6  
**Hazard Labels** 9  
**Limited quantity** 5 L  
**Equipment Requirements** PP

## 15. REGULATORY INFORMATION

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

**WGK - Classification (VwVwS)** WGK 2

### International Inventories

**Australian Inventory of Chemical Substances (AICS) -**

## 16. OTHER INFORMATION

### 16.1 Indication of changes

**Issuing Date:** 02-Mar-2017  
**Revision Date:** 02-Mar-2017  
**Reason for revision** Not applicable

### 16.2 Abbreviations and acronyms

ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways  
ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road  
CAS-No: Chemical Abstracts Service number  
CLP - The Classification, Labeling and Packaging of Substances and Mixtures (CLP) Regulation (EC 1272/2008)  
EINECS: European Inventory of Existing Commercial Chemical Substances  
EC-Number: EINECS and ELINCS Number (see also EINECS and ELINCS)  
EC50: Calculated concentration causing a 50% reduction in cellular reproduction  
GHS- Globally Harmonized System of Classification and Labeling of Chemicals (GHS)  
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)  
PVC- Polyvinylchloride  
REACH- Registration, Evaluation and Authorization of Chemicals  
STEL - Short term exposure limit  
STP- Sewage treatment plant

### 16.3 Key literature references and sources for data

No information available

### 16.4 Classification

**Skin corrosion/irritation**  
Category 2  
**Serious eye damage/eye irritation**

Category 2

**Skin sensitization**

Category 1

**Chronic aquatic toxicity**

Category 2

#### **16.5 Full text of H-Statements referred to under sections 2 and 3**

##### **Full text of H-Statements referred to under sections 2 and 3**

H226 - Flammable liquid and vapor

H301 - Toxic if swallowed

H302 - Harmful if swallowed

H304 - May be fatal if swallowed and enters airways

H311 - Toxic in contact with skin

H315 - Causes skin irritation

H317 - May cause an allergic skin reaction

H319 - Causes serious eye irritation

H331 - Toxic if inhaled

H361f - Suspected of damaging fertility

H400 - Very toxic to aquatic life

H410 - Very toxic to aquatic life with long lasting effects

H411 - Toxic to aquatic life with long lasting effects

H412 - Harmful to aquatic life with long lasting effects

This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006

#### **16.6 Training Advice**

No information available

#### **16.7 Further information**

##### **Prepared By**

Turkey - Prepared By: Procter & Gamble Tüketim Malları San. A.Ş. İçerenköy Mah. Askent Sok. No:3-A 34752 Ataşehir /  
İstanbulBaşak Gülsün / GBF –1841 /Tel.: 0 216 463 80 00 gulsun.b@pg.com.

##### **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**