

**SECTION 1: Identification of the substance/mixture and of the company/undertaking**

**1.1. Product identifier**

Product form : Mixture  
 Trade name : Febreze Fabric Classic  
 Product code : PA00190954  
 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 use  
 Function or use category : 55/999 Others

**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 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 Directive 67/548/EEC or 1999/45/EC**

Hazard symbols : -  
 R-phrases : Not classified as dangerous according to the criteria of directive(s) 67/548/EEC and/or 1999/45/EC  
 S-phrases : S2 - Keep out of the reach of children

**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

**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
PEG-11 Methyl Ether Dimethicone	(CAS No) 68938-54-5 (EC no) Polymer	< 1	Xn; R20 N; R51/53	Acute Tox. 4 (Inhalation), H332 Aquatic Chronic 2, H411

# Febreze Fabric Classic

## Safety Data Sheet

according to Regulation (EC) No. 453/2010

Name	Product identifier	%	Classification according to Directive 67/548/EEC	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Didecyldimonium Chloride	(CAS No) 7173-51-5 (EC no) 230-525-2	< 1	Xn; R22 C; R34	Acute Tox. 4 (Oral), H302 Skin Corr. 1B, H314 Aquatic Acute 1, H400 (M=10) Aquatic Chronic 2, H411

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 : When symptoms occur: go into open air and ventilate suspected area. Respiratory problems: consult a doctor/medical service.
- First-aid measures after skin contact : When symptoms occur: rinse immediately with plenty of water. Take victim to a doctor if irritation persists.
- First-aid measures after eye contact : Rinse immediately with plenty of water for 15 minutes. Take victim to a doctor if irritation persists.
- First-aid measures after ingestion : Give nothing or a little water to drink. Do not induce vomiting. Consult a doctor/medical service.

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

- Symptoms/injuries after inhalation : May cause irritation or asthma-like symptoms.
- Symptoms/injuries after skin contact : Contact during a long period may cause light irritation.
- Symptoms/injuries after eye contact : May cause slight irritation.
- Symptoms/injuries after ingestion : Gastrointestinal complaints.

#### 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>).

#### 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.

#### 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 : Do not eat, drink or smoke when using this product. Do not handle until all safety precautions have been read and understood.

#### 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.

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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)

Fabric Refresher.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

<b>Alcohol (64-17-5)</b>	
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)	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

<b>Didcyldimonium Chloride (7173-51-5)</b>	
DNEL/DMEL (Workers)	
Long-term - systemic effects, dermal	8.6 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	18.2 mg/m <sup>3</sup>
PNEC (Water)	
PNEC aqua (freshwater)	0.002 mg/l
PNEC aqua (marine water)	0.0002 mg/l
PNEC aqua (intermittent, freshwater)	0.00029 mg/l
PNEC (Sediment)	
PNEC sediment (freshwater)	2.82 mg/kg dwt
PNEC sediment (marine water)	0.28 mg/kg dwt
PNEC (Soil)	
PNEC soil	1.4 mg/kg dwt
PNEC (STP)	
PNEC sewage treatment plant	0.595 mg/l

### 8.2. Exposure controls

Personal protective equipment	: Not required for normal conditions of use.
Hand protection	: Not applicable.
Eye protection	: Not applicable.
Skin and body protection	: Not applicable.
Respiratory 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).

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Odour threshold	: No data available
pH	: 6.7
Relative evaporation rate (butylacetate=1)	: Not measured.
Melting point	: Not measured.
Freezing point	: No data available
Boiling point	: Not measured.
Flash point	: 152 - 156 °F
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	: 0.9986 g/ml
Solubility	: Soluble in water.
Log Pow	: No data available
Log Kow	: No data available
Viscosity	: 1 - 20 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

Not required for normal conditions of use.

### 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

Febreze Fabric Classic	
LD50 oral calculated	> 2000 mg/kg

Alcohol (64-17-5)	
LD50 oral calculated	10470 mg/kg OECD 301 B
LD50 dermal rat	15800 mg/kg
LC50 inhalation rat (mg/l)	117 mg/l/4h OECD 403

Didecyldimonium Chloride (7173-51-5)	
LD50 oral calculated	329 mg/kg
LD50 dermal rat	2001 mg/kg

Irritation	: Not classified pH: 6.7
Corrosivity	: Not classified pH: 6.7
Sensitisation	: Not classified
Repeated dose toxicity	: Not classified

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Carcinogenicity	: Not classified
Mutagenicity	: Not classified
Toxicity for reproduction	: 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: based upon available preparation data and bridging principles, classification criteria are not met. Repeated Dose Toxicity: based upon available data of the substances, classification criteria are not met. Sensitization: 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. Mutagenicity: based upon available data of the substances, classification criteria are not met.
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	: 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.
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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

Didecyldimonium Chloride (7173-51-5)	
LC50 fishes 1	0.069 mg/l
LC50 other aquatic organisms 1	17.9 mg/l OECD 209
EC50 Daphnia 1	0.062 mg/l
LC50 fish 2	0.19 mg/l
LC50 other aquatic organisms 2	190 mg/l OECD 208; Trifolium pratense
ErC50 (algae)	0.026 mg/l
NOEC (chronic)	4 mg/l OECD 209

#### 12.2. Persistence and degradability

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

Didecyldimonium Chloride (7173-51-5)	
Persistence and degradability	The substance is biodegradable. Unlikely to persist.
Biodegradation	67 % OECD 301 B; aerobic

#### 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).

Didecyldimonium Chloride (7173-51-5)	
Log Pow	-0.41
Bioaccumulative potential	Not expected to bioaccumulate due to the low log Kow (log Kow < 4).

#### 12.4. Mobility in soil

Didecyldimonium Chloride (7173-51-5)	
Mobility in soil	24433 OECD 106

#### 12.5. Results of PBT and vPvB assessment

Febreze Fabric Classic	
Results of PBT assessment	No presence of PBT and vPvB ingredients

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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
Diethylene Glycol (111-46-6)	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

Regional legislation (waste) : Disposal must be done according to official regulations.  
EURAL code : 20 01 29\* - detergents containing dangerous substances

## SECTION 14: Transport information

### 14.1. UN number

Not applicable

### 14.2. UN proper shipping name

Not applicable

### 14.3. Transport hazard class(es)

Not applicable

### 14.4. Packing group

Not applicable

### 14.5. Environmental hazards

Not applicable

### 14.6. Special precautions for user

Not applicable

### 14.7. Transport in bulk according to Annex II of MARPOL 73/78 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

No REACH Annex XVII restrictions  
Contains no REACH candidate substance

#### 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

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:

Acute Tox. 4 (Inhalation)	Acute toxicity (inhal.), Category 4
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Acute 1	Hazardous to the aquatic environment — AcuteHazard, Category 1
Aquatic Chronic 2	Hazardous to the aquatic environment — Chronic Hazard, Category 2
Flam. Liq. 2	Flammable liquids, Category 2
Skin Corr. 1B	Skin corrosion/irritation, Category 1B
H225	Highly flammable liquid and vapour
H302	Harmful if swallowed
H314	Causes severe skin burns and eye damage
H332	Harmful if inhaled
H400	Very toxic to aquatic life
H411	Toxic to aquatic life with long lasting effects

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R11	Highly flammable
R20	Harmful by inhalation
R22	Harmful if swallowed
R34	Causes burns
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment
C	Corrosive
F	Highly flammable
N	Dangerous for the environment
Xn	Harmful

### 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*