



SAFETY DATA SHEET
BARRATT CAR AIR FRESHENER - WHAM

Page: 1

Compilation date: 01/08/2019

Revision No: 1

Section 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name: BARRATT CAR AIR FRESHENER - WHAM

Product code: BT1000

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

Use of substance / mixture: PC3: Air care products.

1.3. Details of the supplier of the safety data sheet

Company name: 151 Products Ltd
The Old School House
39 Bengal Street
Manchester
M4 6AF
United Kingdom
Tel: +44 (0)161 839 5949
Fax: +44 (0)161 839 5493
Email: fereshteh@151.co.uk

1.4. Emergency telephone number

Emergency tel: +44 (0)161 839 5949
(office hours only)

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CLP: Eye Irrit. 2: H319; Aquatic Chronic 3: H412; Skin Sens. 1B: H317

Most important adverse effects: May cause an allergic skin reaction. Causes serious eye irritation. Harmful to aquatic life with long lasting effects.

2.2. Label elements

Label elements:

Hazard statements: H317: May cause an allergic skin reaction.
H319: Causes serious eye irritation.
H412: Harmful to aquatic life with long lasting effects.

Hazard pictograms: GHS07: Exclamation mark



Signal words: Warning

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SAFETY DATA SHEET

BARRATT CAR AIR FRESHENER - WHAM

Page: 2

Precautionary statements: P102: Keep out of reach of children.
P103: Read label before use.
P264: Wash hands thoroughly after handling.
P333+P313: If skin irritation or rash occurs: Get medical advice/attention.
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313: If eye irritation persists: Get medical advice/attention.
P101: If medical advice is needed, have product container or label at hand.
P273: Avoid release to the environment.
P501: Dispose of contents/container to in accordance with local, regional and national regulations.

2.3. Other hazards

PBT: This product is not identified as a PBT/vPvB substance.

Section 3: Composition/information on ingredients

3.2. Mixtures

Hazardous ingredients:

DIPROPYLENE GLYCOL MONOMETHYL ETHER

EINECS	CAS	PBT / WEL	CLP Classification	Percent
252-104-2	34590-94-8	Substance with a Community workplace exposure limit.	-	25-50%

HEXYL CINNAMAL

202-983-3	101-86-0	-	Skin Sens. 1B: H317; Aquatic Chronic 2: H411	5-10%
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2-T-BUTYLCYCLOHEXYL ACETATE

201-828-7	88-41-5	-	Aquatic Chronic 2: H411	1-3%
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ETHYL 3-METHYL-3-PHENYLGLYCIDATE

201-061-8	77-83-8	-	Skin Sens. 1B: H317; Aquatic Chronic 2: H411	1-3%
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LINALOOL

201-134-4	78-70-6	-	Skin Sens. 1B: H317	1-3%
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4-(P-HYDROXYPHENYL)-2-BUTANONE

226-806-4	5471-51-2	-	Acute Tox. 4: H302	1-3%
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ETHYL MALTOL

225-582-5	4940-11-8	-	Acute Tox. 4: H302	1-3%
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SAFETY DATA SHEET
BARRATT CAR AIR FRESHENER - WHAM

Page: 3

GERANIOL

203-377-1	106-24-1	-	Skin Irrit. 2: H315; Eye Dam. 1: H318; Skin Sens. 1: H317	<1%
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2,4-DIMETHYL-3-CYCLOHEXENECARBOXALDEHYDE

268-264-1	68039-49-6	-	Skin Irrit. 2: H315; Skin Sens. 1: H317; Aquatic Chronic 2: H411	<1%
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NEROL

203-378-7	106-25-2	-	Eye Dam. 1: H318; Skin Irrit. 2: H315; Skin Sens. 1B: H317	<1%
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BUTYLATED HYDROXY TOLUENE

204-881-4	128-37-0	-	Aquatic Chronic 1: H410	<1%
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GERANYL ACETATE

203-341-5	105-87-3	-	Skin Irrit. 2: H315; Skin Sens. 1: H317; Aquatic Chronic 3: H412	<1%
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2-PHENYLPROPIONALDEHYDE

202-255-5	93-53-8	-	Skin Irrit. 2: H315; Eye Irrit. 2: H319; Skin Sens. 1B: H317	<1%
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DELTA DAMASCONE

260-709-8	57378-68-4	-	Acute Tox. 4: H302; Skin Irrit. 2: H315; Skin Sens. 1: H317; Aquatic Acute 1: H400; Aquatic Chronic 1: H410	<1%
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Contains: Contains allergens >0.01%.

Hexyl cinnamal
Linalool
Geraniol
Benzyl benzoate
Citral
Citronellol
Benzyl alcohol

Section 4: First aid measures

4.1. Description of first aid measures

Skin contact: Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water.

Eye contact: Bathe the eye with running water for 15 minutes. Consult a doctor.

Ingestion: Wash out mouth with water. Consult a doctor.

Inhalation: Move to fresh air in case of accidental inhalation of vapours.

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SAFETY DATA SHEET
BARRATT CAR AIR FRESHENER - WHAM

Page: 4

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

Skin contact: There may be irritation and redness at the site of contact.

Eye contact: There may be irritation and redness. The eyes may water profusely.

Ingestion: There may be soreness and redness of the mouth and throat.

Inhalation: Exposure may cause coughing or wheezing.

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

Immediate / special treatment: Not applicable.

Section 5: Fire-fighting measures

5.1. Extinguishing media

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: In combustion emits toxic fumes.

5.3. Advice for fire-fighters

Advice for fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Turn leaking containers leak-side up to prevent the escape of liquid.

6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

6.4. Reference to other sections

Reference to other sections: Refer to section 8 of SDS.

Section 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements: Avoid direct contact with the substance.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a cool, well ventilated area. KEEP OUT OF THE REACH OF CHILDREN.

Suitable packaging: Must only be kept in original packaging.

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SAFETY DATA SHEET
BARRATT CAR AIR FRESHENER - WHAM

Page: 5

7.3. Specific end use(s)

Specific end use(s): PC3: Air care products.

Section 8: Exposure controls/personal protection

8.1. Control parameters

Hazardous ingredients:

BUTYLATED HYDROXY TOLUENE

Workplace exposure limits:

Respirable dust

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	10mg/m ³	-	-	-

DNEL/PNEC Values

Hazardous ingredients:

DIPROPYLENE GLYCOL MONOMETHYL ETHER

Type	Exposure	Value	Population	Effect
PNEC	Fresh water	19mg/l	-	-
PNEC	Marine water	1.9mg/l	-	-
PNEC	Fresh water sediments	70.2 mg/kg	-	-
PNEC	Marine sediments	7.02 mg/kg	-	-
PNEC	Soil	2.74mg/kg	-	-
DNEL	Inhalation	308 mg/m ³	Workers	Systemic
DNEL	Dermal	283 mg/kg bw/day	Workers	Systemic
DNEL	Inhalation	37.2 mg/m ³	General Population	Systemic
DNEL	Dermal	121 mg/kg bw/day	General Population	Systemic

LINALOOL

Type	Exposure	Value	Population	Effect
PNEC	Fresh water	0.2mg/L	-	-
PNEC	Fresh water sediments	2.22mg/kg sediment	-	-
PNEC	Marine water	0.02mg/L	-	-
PNEC	Marine sediments	0.222mg/kg sediment	-	-
PNEC	Soil	0.327mg/kg soil	-	-
PNEC	Food chain	7.8mg/kg food	-	-
DNEL	Inhalation	2.8mg/m ³	Workers	Systemic
DNEL	Dermal	2.5mg/kg bw	Workers	Systemic

[cont...]

SAFETY DATA SHEET

BARRATT CAR AIR FRESHENER - WHAM

Page: 6

DNEL	Dermal	3mg/cm ²	Workers	Local
DNEL	Inhalation	0.7mg/m ³	General Population	Systemic
DNEL	Dermal	1.25mg/kg bw	General Population	Systemic
DNEL	Dermal	1.5mg/cm ²	General Population	Local
DNEL	Oral	0.2mg/kg bw	General Population	Systemic

4-(P-HYDROXYPHENYL)-2-BUTANONE

Type	Exposure	Value	Population	Effect
DNEL	Inhalation (Long term)	114.24mg/m ³	Workers	Systemic
DNEL	Dermal (Long term)	170mg/kg bw	Workers	Systemic
DNEL	Inhalation (Long term)	59.5 mg/m ³	General Population	Systemic
DNEL	Dermal (Long term)	170 mg/kg bw	General Population	Systemic
DNEL	Oral (Long term)	17mg/kg bw	General Population	Systemic
PNEC	Fresh water	0.1mg/L	-	-
PNEC	Fresh water sediments	0.307mg/kg sediment	-	-
PNEC	Marine water	0.01mg/L	-	-
PNEC	Marine sediments	0.031mg/kg sediment	-	-
PNEC	Soil	0.198mg/kg soil	-	-

ETHYL MALTOL

Type	Exposure	Value	Population	Effect
DNEL	Inhalation (repeated dose)	58.7mg/m ³	Workers	Systemic
DNEL	Dermal (repeated dose)	16.7mg/kg bw	Workers	Systemic
DNEL	Inhalation (repeated dose)	17.4mg/m ³	General Population	Systemic
DNEL	Dermal (repeated dose)	10mg/kg bw	General Population	Systemic
DNEL	Oral (repeated dose)	10mg/kg bw	General Population	Systemic
PNEC	Fresh water	7.2µg/L	-	-
PNEC	Fresh water sediments	0.27mg/kg sediment	-	-
PNEC	Marine water	0.72 µg/L	-	-
PNEC	Marine sediments	0.027mg/kg sediment	-	-
PNEC	Soil	0.049mg/kg soil	-	-
PNEC	Microorganisms in sewage treatment	1.55mg/L	-	-

GERANIOL

Type	Exposure	Value	Population	Effect
DNEL	Inhalation	161.6mg/m ³	Workers	Systemic

[cont...]

SAFETY DATA SHEET

BARRATT CAR AIR FRESHENER - WHAM

Page: 7

DNEL	Dermal	12.5mg/kg	Workers	Systemic
DNEL	Dermal	11800µg/cm ²	Workers	Local
DNEL	Inhalation	47.8mg/m ³	General Population	Systemic
DNEL	Dermal	7.5mg/kg	General Population	Systemic
DNEL	Dermal	11800µg/cm ²	General Population	Local
DNEL	Oral	13.75mg/kg	General Population	Systemic
PNEC	Fresh water	0.011mg/L	-	-
PNEC	Fresh water sediments	0.115mg/kg	-	-
PNEC	Marine water	0.001 mg/L	-	-
PNEC	Marine sediments	0.011mg/kg	-	-
PNEC	Soil	0.017mg/kg	-	-

NEROL

Type	Exposure	Value	Population	Effect
DNEL	Oral	5.4 mg/m ³	Workers	Systemic
DNEL	Dermal	0.76 mg/kg bw/day	Workers	Systemic
DNEL	Dermal	133 µg/cm ²	Workers	Local
DNEL	Oral	0.38 mg/kg bw/day	General Population	Systemic
PNEC	Fresh water	7.45 µg/L	-	-
PNEC	Marine water	0.745 µg/L	-	-
PNEC	Fresh water sediments	133 µg/kg sediment d	-	-
PNEC	Marine sediments	13.3 µg/kg sediment	-	-
PNEC	Soil	22.3 µg/kg soil dw	-	-

BUTYLATED HYDROXY TOLUENE

Type	Exposure	Value	Population	Effect
PNEC	Fresh water	0.2µg/L	-	-
PNEC	Marine water	0.02µg/L	-	-
PNEC	Fresh water sediments	99.6µg/kg	-	-
PNEC	Soil	47.69µg/kg soil	-	-
DNEL	Inhalation	3.5mg/m ³	Workers	Systemic
DNEL	Dermal	0.5mg/kg bw	Workers	Systemic
DNEL	Inhalation	0.86mg/m ³	General Population	Systemic
DNEL	Dermal	0.25mg/kg bw	General Population	Systemic
DNEL	Oral	0.25mg/kg bw	General Population	-
PNEC	Marine sediments	9.96µg/kg sediment	-	-
PNEC	Food chain	8.33mg/kg food	-	-

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SAFETY DATA SHEET
BARRATT CAR AIR FRESHENER - WHAM

Page: 8

GERANYL ACETATE

Type	Exposure	Value	Population	Effect
DNEL	Inhalation (repeated dose)	62.59mg/m ³	Workers	Systemic
DNEL	Dermal (repeated dose)	35.5mg/kg bw	Workers	Systemic
DNEL	Inhalation (repeated dose)	15.4mg/m ³	General Population	Systemic
DNEL	Dermal (repeated dose)	17.75mg/kg bw	General Population	Systemic
DNEL	Oral (repeated dose)	8.9mg/kg bw	General Population	Systemic
PNEC	Fresh water	3.72µg/L	-	-
PNEC	Fresh water sediments	0.442mg/kg sediment	-	-
PNEC	Marine water	0.37µg/L	-	-
PNEC	Marine sediments	0.044mg/kg sediment	-	-
PNEC	Microorganisms in sewage treatment	8mg/L	-	-
PNEC	Soil	0.086mg/kg soil	-	-

8.2. Exposure controls

Engineering measures: Ensure there is sufficient ventilation of the area.

Respiratory protection: No special requirements under normal conditions of use.

Hand protection: No special requirements under normal conditions of use.

Eye protection: No special requirements under normal conditions of use.

Skin protection: No special requirements under normal conditions of use.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Liquid

Odour: Pleasant

Flash point°C: 60 - 93

9.2. Other information

Other information: No data available.

Section 10: Stability and reactivity

10.1. Reactivity

Reactivity: Stable under recommended transport or storage conditions.

10.2. Chemical stability

Chemical stability: Stable under normal conditions.

10.3. Possibility of hazardous reactions

Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions.

Decomposition may occur on exposure to conditions or materials listed below.

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SAFETY DATA SHEET
BARRATT CAR AIR FRESHENER - WHAM

Page: 9

10.4. Conditions to avoid

Conditions to avoid: Heat.

10.5. Incompatible materials

Materials to avoid: Strong oxidising agents. Strong acids.

10.6. Hazardous decomposition products

Haz. decomp. products: In combustion emits toxic fumes.

Section 11: Toxicological information

11.1. Information on toxicological effects

Hazardous ingredients:

DIPROPYLENE GLYCOL MONOMETHYL ETHER

DERMAL	RBT	LD50	>20000	mg/kg
ORAL	RAT	LD50	>5000	mg/kg
VAPOURS	RAT	7H LC0	>275	ppm

ETHYL 3-METHYL-3-PHENYLGLYCIDATE

DERMAL	RAT	LD50	>2000	mg/kg
ORAL	RAT	LD50	5470	mg/kg

LINALOOL

DERMAL	RBT	LD50	5610	mg/kg
ORAL	MUS	LD50	2200	mg/kg
ORAL	RAT	LD50	2790	mg/kg
VAPOURS	MUS	LC50	>3.2	mg/l

4-(P-HYDROXYPHENYL)-2-BUTANONE

DERMAL	RAT	LD50	>2000	mg/kg
ORAL	RAT (Female)	LD50	>2000	mg/kg

ETHYL MALTOL

DERMAL	RBT	LD50	>5000	mg/kg
ORAL	RAT	LD50	1220	mg/kg

GERANIOL

DERMAL	RAT	LD50	>5000	mg/kg
ORAL	RAT	LD50	3600	mg/kg

[cont...]

SAFETY DATA SHEET
BARRATT CAR AIR FRESHENER - WHAM

Page: 10

2,4-DIMETHYL-3-CYCLOHEXENECARBOXALDEHYDE

ORAL	RAT	LD50	>2000	mg/kg
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NEROL

DERMAL	RBT	LD50	>5000	mg/kg
ORAL	RAT	LD50	4500	mg/kg

BUTYLATED HYDROXY TOLUENE

DERMAL	RAT	LD50	>2000	mg/kg
ORAL	RAT	LD50	2450	mg/kg
VAPOURS	MUS	LD50	546	mg/m3

GERANYL ACETATE

DERMAL	RBT	LD50	>6	mL/kg
ORAL	RAT	LD50	6330	mg/kg

2-PHENYLPROPIONALDEHYDE

DERMAL	RBT	LD50	>5000	mg/kg
ORAL	RAT	LD50	2800	mg/kg

Relevant hazards for product:

Hazard	Route	Basis
Serious eye damage/irritation	OPT	Hazardous: calculated
Respiratory/skin sensitisation	-	Hazardous: calculated

Symptoms / routes of exposure

Skin contact: There may be irritation and redness at the site of contact.

Eye contact: There may be irritation and redness. The eyes may water profusely.

Ingestion: There may be soreness and redness of the mouth and throat.

Inhalation: Exposure may cause coughing or wheezing.

Section 12: Ecological information

12.1. Toxicity

Hazardous ingredients:

DIPROPYLENE GLYCOL MONOMETHYL ETHER

BROWN SHRIMP (<i>Crangon crangon</i>)	96H LC50	>10000	mg/l
Daphnia magna	48H EC50	1919	mg/l

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SAFETY DATA SHEET
BARRATT CAR AIR FRESHENER - WHAM

Page: 11

FATHEAD MINNOW (<i>Pimephales promelas</i>).	96H LC50	>10000	mg/l
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ETHYL 3-METHYL-3-PHENYLGLYCIDATE

RAINBOW TROUT (<i>Oncorhynchus mykiss</i>)	96H LC50	4.2	mg/l
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LINALOOL

Daphnia magna	48H EC50	59	mg/l
RAINBOW TROUT (<i>Oncorhynchus mykiss</i>)	96H LC50	27.8	mg/l

4-(P-HYDROXYPHENYL)-2-BUTANONE

ALGAE (QSAR)	96H ErC50	101.054	mg/l
Daphnia magna	48H EC50	<100	mg/l
FISH (QSAR)	96H LC50	75.746	mg/l

ETHYL MALTOL

ALGAE (<i>Pseudokirchneriella subcapitata</i>)	72H ErC50	7.2	mg/l
Daphnia magna	48H EC50	27	mg/l
RAINBOW TROUT (<i>Oncorhynchus mykiss</i>)	96H LC50	> 85	mg/l

GERANIOL

Daphnia magna	48H EC50	10.8	mg/l
Desmodesmus subspicatus	72H ErC50	13.1	mg/l
ZEBRAFISH (<i>Brachydanio rerio</i>)	96H LC0	10	mg/l
ZEBRAFISH (<i>Brachydanio rerio</i>)	96H LC100	46.4	mg/l
ZEBRAFISH (<i>Brachydanio rerio</i>)	96H LC50	22	mg/l

NEROL

Daphnia magna	48H EC50	32.4	mg/l
ZEBRAFISH (<i>Brachydanio rerio</i>)	96H LC50	20	mg/l

BUTYLATED HYDROXY TOLUENE

(Q)SAR	96H LC50	0.199	mg/l
Daphnia magna	48H EC50	0.48	mg/l

GERANYL ACETATE

Daphnia magna	48H EC50	14.1	mg/l
Desmodesmus subspicatus	72H ErC50	3.72	mg/l
GOLDEN ORFE (<i>Leuciscus idus</i>)	96H LC50	68.12	mg/l

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SAFETY DATA SHEET
BARRATT CAR AIR FRESHENER - WHAM

Page: 12

12.2. Persistence and degradability

Persistence and degradability: No data available.

12.3. Bioaccumulative potential

Bioaccumulative potential: No data available.

12.4. Mobility in soil

Mobility: Miscible with water.

12.5. Results of PBT and vPvB assessment

PBT identification: This product is not identified as a PBT/vPvB substance.

12.6. Other adverse effects

Other adverse effects: Harmful to aquatic organisms.

Section 13: Disposal considerations

13.1. Waste treatment methods

Disposal operations: Disposal should be in accordance with local authority regulations.

Disposal of packaging: Disposal should be in accordance with local authority regulations.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

Section 14: Transport information

Transport class: This product does not require a classification for transport.

Section 15: Regulatory information

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

15.2. Chemical Safety Assessment

Section 16: Other information

Other information

Other information: This safety data sheet is prepared in accordance with Commission Regulation (EU) No 2015/830.

* indicates text in the SDS which has changed since the last revision.

Phrases used in s.2 and s.3: 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.

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.

[cont...]

SAFETY DATA SHEET

BARRATT CAR AIR FRESHENER - WHAM

Page: 13

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.

