

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

Product form : Mixture
 Trade name : Ambi Pur Blossom & Breeze 3Volution
 Product code : PA00209566 (+PA00209587 +PA00209586) / 91271929
 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(IREL) 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]**

Skin Irrit. 2 H315
 Eye Irrit. 2 H319
 Skin Sens. 1 H317
 Aquatic Chronic 2 H411

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]**

Hazard pictograms (CLP) :



Signal word (CLP) : Warning

Hazard statements (CLP) : H315 - Causes skin irritation.
 H317 - May cause an allergic skin reaction.
 H319 - Causes serious eye irritation.
 H411 - Toxic to aquatic life with long lasting effects.

Precautionary statements (CLP) : P102 - Keep out of reach of children.
 Avoid contact with skin and eyes.
 P280 - Wear protective gloves.
 P302+P352 - IF ON SKIN: Wash with plenty of Water.
 P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P301+P310 - IF SWALLOWED: Immediately call a POISON CENTER/doctor
 P331 - Do NOT induce vomiting.
 P501 - Dispose of contents/container to an appropriate local waste system

2.3. Other hazards

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

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SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Benzyl Acetate	(CAS No) 140-11-4 (EC-No.) 205-399-7 (REACH-no) 01-2119638272-42	10 - 20	Aquatic Chronic 3, H412
Linalool	(CAS No) 78-70-6 (EC-No.) 201-134-4 (REACH-no) 01-2119474016-42	5 - 10	Skin Irrit. 2, H315 Skin Sens. 1B, H317 Eye Irrit. 2, H319
Phenethyl Alcohol	(CAS No) 60-12-8 (EC-No.) 200-456-2 (REACH-no) 01-2119963921-31	5 - 10	Acute Tox. 4 (Oral), H302 Eye Irrit. 2, H319
2,6-Dimethyl-7-Octen-2-ol	(CAS No) 18479-58-8 (EC-No.) 242-362-4 (REACH-no) 01-2119457274-37	5 - 10	Skin Irrit. 2, H315 Eye Irrit. 2, H319
Geranyl Acetate	(CAS No) 105-87-3 (EC-No.) 203-341-5 (REACH-no) 01-2119973480-35	5 - 10	Skin Irrit. 2, H315 Skin Sens. 1, H317 Aquatic Chronic 3, H412
Trimethylhexyl Acetate	(CAS No) 58430-94-7 (EC-No.) 261-245-9	5 - 10	Skin Irrit. 2, H315 Aquatic Chronic 2, H411
Isobutyl Salicylate	(CAS No) 87-19-4 (EC-No.) 201-729-9	5 - 10	Acute Tox. 4 (Oral), H302
Tetrahydrolinalool	(CAS No) 78-69-3 (EC-No.) 201-133-9 (REACH-no) 01-2119454788-21	5 - 10	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1B, H317
Terpineol	(CAS No) 98-55-5 (EC-No.) 202-680-6	5 - 10	Skin Irrit. 2, H315 Eye Irrit. 2, H319
cis-2-tert-Butylcyclohexyl Acetate	(CAS No) 20298-69-5 (EC-No.) 243-718-1 (REACH-no) 01-2119970713-33	5 - 10	Aquatic Chronic 2, H411
3-(p-cumenyl)Propionaldehyde	(CAS No) 7775-00-0 (EC-No.) 231-885-3	< 1	Skin Sens. 1B, H317
Nerol	(CAS No) 106-25-2 (EC-No.) 203-378-7 (REACH-no) 01-2119983244-33	< 1	Skin Irrit. 2, H315 Skin Sens. 1B, H317 Eye Dam. 1, H318
Allyl Heptanoate	(CAS No) 142-19-8 (EC-No.) 205-527-1 (REACH-no) 01-2119488961-23	< 1	Acute Tox. 3 (Oral), H301 Acute Tox. 3 (Dermal), H311 Acute Tox. 3 (Inhalation), H331 Aquatic Acute 1, H400 Aquatic Chronic 3, H412
p-Menthan-7-ol	(CAS No) 13828-37-0 (EC-No.) 237-539-8	< 1	Skin Sens. 1B, H317
Ethyl Trimethylcyclopentene Butenol	(CAS No) 28219-61-6 (EC-No.) 248-908-8 (REACH-no) 01-2119529224-45	< 1	Aquatic Acute 1, H400 Eye Irrit. 2, H319 Aquatic Chronic 1, H410
Methyl Decenol	(CAS No) 81782-77-6 (EC-No.) 279-815-0 (REACH-no) 01-2119983528-21	< 1	Aquatic Acute 1, H400
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
Cyclamen Aldehyde	(CAS No) 103-95-7 (EC-No.) 203-161-7 (REACH-no) 01-2119970582-32	< 1	Skin Irrit. 2, H315 Skin Sens. 1B, H317 Aquatic Chronic 3, H412
2,4-Dimethyl-3-Cyclohexene Carboxaldehyde	(CAS No) 68039-49-6 (EC-No.) 268-264-1 (REACH-no) 01-2119982384-28	< 1	Skin Irrit. 2, H315 Skin Sens. 1B, H317 Aquatic Chronic 2, H411
Dihydro Pentamethylindanone	(CAS No) 33704-61-9 (EC-No.) 251-649-3 (REACH-no) 01-2119977131-40	< 1	Skin Irrit. 2, H315 Skin Sens. 1B, H317 Eye Irrit. 2, H319 Aquatic Chronic 2, H411
Delta-Damascone	(CAS No) 57378-68-4 (EC-No.) 260-709-8 (REACH-no) 01-2119535122-53	< 1	Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Skin Sens. 1A, H317 Aquatic Acute 1, H400 Aquatic Chronic 1, H410

Full text of H-statements: see section 16

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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. Call a POISON CENTER/doctor.
First-aid measures after skin contact	: IF ON SKIN: Wash with plenty of water/.... Take off contaminated clothing. If skin irritation occurs: Get medical advice/attention. Discontinue use of product.
First-aid measures after eye contact	: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/doctor.
First-aid measures after ingestion	: IF SWALLOWED: rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER/doctor.

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

Symptoms/effects after inhalation	: Coughing. sneezing. Headache. Drowsiness. Dizziness. Shortness of breath.
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 ₂).
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.

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.
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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.

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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

No additional information available

8.1.2. Monitoring procedures: DNELS, PNECS, OEL

Linalool (78-70-6)	
DNEL/DMEL (Workers)	
Acute - systemic effects, dermal	5 mg/kg bodyweight/day
Acute - systemic effects, inhalation	16.5 mg/m ³
Acute - local effects, dermal	15 mg/cm ²
Long-term - systemic effects, dermal	2.5 mg/kg bodyweight/day
Long-term - local effects, dermal	15 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	2.8 mg/m ³
DNEL/DMEL (General population)	
Acute - systemic effects, dermal	2.5 mg/kg bodyweight
Acute - systemic effects, inhalation	4.1 mg/m ³
Acute - systemic effects, oral	1.2 mg/kg bodyweight
Acute - local effects, dermal	15 mg/cm ²
Long-term - systemic effects, oral	0.2 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	0.7 mg/m ³
Long-term - systemic effects, dermal	1.25 mg/kg bodyweight/day
Long-term - local effects, dermal	15 mg/cm ²
PNEC (Water)	
PNEC aqua (freshwater)	0.2 mg/l
PNEC aqua (marine water)	0.02 mg/l
PNEC aqua (intermittent, freshwater)	2 mg/l
PNEC (Sediment)	
PNEC sediment (freshwater)	2.22 mg/kg dwt
PNEC sediment (marine water)	0.222 mg/kg dwt
PNEC (Soil)	
PNEC soil	0.327 mg/kg dwt
PNEC (STP)	
PNEC sewage treatment plant	10 mg/l
Nerol (106-25-2)	
DNEL/DMEL (Workers)	
Long-term - systemic effects, dermal	0.76 mg/kg bodyweight/day
Long-term - local effects, dermal	0.133 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	5.4 mg/m ³
DNEL/DMEL (General population)	
Long-term - systemic effects, oral	0.38 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	1.3 mg/m ³
Long-term - systemic effects, dermal	0.38 mg/kg bodyweight/day
PNEC (Water)	
PNEC aqua (freshwater)	0.00745 mg/l
PNEC aqua (marine water)	0.000745 mg/l
PNEC aqua (intermittent, freshwater)	0.0745 mg/l
PNEC (Sediment)	
PNEC sediment (freshwater)	0.133 mg/kg dwt
PNEC sediment (marine water)	0.0133 mg/kg dwt
PNEC (Soil)	
PNEC soil	0.0223 mg/kg dwt
PNEC (STP)	
PNEC sewage treatment plant	12.9 mg/l

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Allyl Heptanoate (142-19-8)	
DNEL/DMEL (Workers)	
Long-term - systemic effects, dermal	4.7 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	16 mg/m ³
DNEL/DMEL (General population)	
Long-term - systemic effects, oral	2.3 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	4.1 mg/m ³
Long-term - systemic effects, dermal	2.3 mg/kg bodyweight/day
PNEC (Water)	
PNEC aqua (freshwater)	0.00012 mg/l
PNEC aqua (marine water)	0.000012 mg/l
PNEC aqua (intermittent, freshwater)	0.0012 mg/l
PNEC (Sediment)	
PNEC sediment (freshwater)	0.012 mg/kg dwt
PNEC sediment (marine water)	0.0012 mg/kg dwt
PNEC (Soil)	
PNEC soil	0.00233 mg/kg dwt
PNEC (STP)	
PNEC sewage treatment plant	10 mg/l
Phenethyl Alcohol (60-12-8)	
DNEL/DMEL (Workers)	
Long-term - systemic effects, dermal	21.2 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	59.9 mg/m ³
DNEL/DMEL (General population)	
Long-term - systemic effects, oral	5.1 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	17.7 mg/m ³
Long-term - systemic effects, dermal	12.7 mg/kg bodyweight/day
PNEC (Water)	
PNEC aqua (freshwater)	0.215 mg/l
PNEC aqua (marine water)	0.0215 mg/l
PNEC aqua (intermittent, freshwater)	2.15 mg/l
PNEC (Sediment)	
PNEC sediment (freshwater)	1.454 mg/kg dwt
PNEC sediment (marine water)	0.1454 mg/kg dwt
PNEC (Soil)	
PNEC soil	0.164 mg/kg dwt
PNEC (STP)	
PNEC sewage treatment plant	10 mg/l
Dihydro Pentamethylindanone (33704-61-9)	
DNEL/DMEL (Workers)	
Long-term - systemic effects, dermal	0.42 mg/kg bodyweight/day
Long-term - local effects, dermal	5.51 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	1.47 mg/m ³
DNEL/DMEL (General population)	
Long-term - systemic effects, oral	0.25 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	0.44 mg/m ³
Long-term - systemic effects, dermal	0.25 mg/kg bodyweight/day
Long-term - local effects, dermal	3.241 mg/cm ²
PNEC (Water)	
PNEC aqua (freshwater)	0.004 mg/l
PNEC aqua (marine water)	0.0004 mg/l
PNEC (Sediment)	
PNEC sediment (freshwater)	0.0991 mg/kg dwt
PNEC sediment (marine water)	0.00991 mg/kg dwt
PNEC (Soil)	
PNEC soil	0.0174 mg/kg dwt
PNEC (STP)	
PNEC sewage treatment plant	10 mg/l

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Cyclamen Aldehyde (103-95-7)	
DNEL/DMEL (Workers)	
Long-term - systemic effects, dermal	1.67 mg/kg bodyweight/day
Long-term - local effects, dermal	0.00743 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	5.83 mg/m ³
DNEL/DMEL (General population)	
Long-term - systemic effects, oral	0.83 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	1.45 mg/m ³
Long-term - systemic effects, dermal	0.83 mg/kg bodyweight/day
Long-term - local effects, dermal	0.00372 mg/cm ²
PNEC (Water)	
PNEC aqua (freshwater)	0.00109 mg/l
PNEC aqua (marine water)	0.00011 mg/l
PNEC aqua (intermittent, freshwater)	0.01092 mg/l
PNEC (Sediment)	
PNEC sediment (freshwater)	0.126 mg/kg dwt
PNEC sediment (marine water)	0.0126 mg/kg dwt
PNEC (Soil)	
PNEC soil	0.0245 mg/kg dwt
PNEC (STP)	
PNEC sewage treatment plant	1 mg/l
Geranyl Acetate (105-87-3)	
DNEL/DMEL (Workers)	
Long-term - systemic effects, dermal	35.5 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	62.59 mg/m ³
DNEL/DMEL (General population)	
Long-term - systemic effects, oral	8.9 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	15.4 mg/m ³
Long-term - systemic effects, dermal	17.75 mg/kg bodyweight/day
PNEC (Water)	
PNEC aqua (freshwater)	0.00372 mg/l
PNEC aqua (marine water)	0.000372 mg/l
PNEC aqua (intermittent, freshwater)	0.0372 mg/l
PNEC (Sediment)	
PNEC sediment (freshwater)	0.442 mg/kg dwt
PNEC sediment (marine water)	0.0442 mg/kg dwt
PNEC (Soil)	
PNEC soil	0.0859 mg/kg dwt
PNEC (STP)	
PNEC sewage treatment plant	8 mg/l
Tetrahydrolinalool (78-69-3)	
DNEL/DMEL (Workers)	
Acute - local effects, dermal	2.76 mg/cm ²
Long-term - systemic effects, dermal	2.5 mg/kg bodyweight/day
Long-term - local effects, dermal	2.76 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	2.75 mg/m ³
DNEL/DMEL (General population)	
Acute - local effects, dermal	2.76 mg/cm ²
Long-term - systemic effects, oral	0.2 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	0.68 mg/m ³
Long-term - systemic effects, dermal	1.25 mg/kg bodyweight/day
Long-term - local effects, dermal	2.76 mg/cm ²
PNEC (Water)	
PNEC aqua (freshwater)	0.0089 mg/l
PNEC aqua (marine water)	0.00089 mg/l
PNEC aqua (intermittent, freshwater)	0.089 mg/l
PNEC (Sediment)	
PNEC sediment (freshwater)	0.0821 mg/kg dwt
PNEC sediment (marine water)	0.00821 mg/kg dwt
PNEC (Soil)	

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Tetrahydrolinalool (78-69-3)	
PNEC soil	0.0112 mg/kg dwt
PNEC (STP)	
PNEC sewage treatment plant	450 mg/l
Methyl Decenol (81782-77-6)	
DNEL/DMEL (Workers)	
Long-term - systemic effects, dermal	0.5 mg/kg bodyweight/day
Long-term - local effects, dermal	0.05 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	0.88 mg/m ³
DNEL/DMEL (General population)	
Long-term - systemic effects, oral	0.06 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	0.22 mg/m ³
Long-term - systemic effects, dermal	0.25 mg/kg bodyweight/day
Long-term - local effects, dermal	0.02 mg/cm ²
PNEC (Water)	
PNEC aqua (freshwater)	0.0004 mg/l
PNEC aqua (marine water)	0.00004 mg/l
PNEC aqua (intermittent, freshwater)	0.004 mg/l
PNEC (Sediment)	
PNEC sediment (freshwater)	0.04484 mg/kg dwt
PNEC sediment (marine water)	0.004484 mg/kg dwt
PNEC (Soil)	
PNEC soil	0.00945 mg/kg dwt
PNEC (STP)	
PNEC sewage treatment plant	10 mg/l
cis-2-tert-Butylcyclohexyl Acetate (20298-69-5)	
PNEC (Water)	
PNEC aqua (freshwater)	0.011 mg/l
PNEC aqua (marine water)	0.0011 mg/l
PNEC aqua (intermittent, freshwater)	0.017 mg/l
PNEC (Sediment)	
PNEC sediment (freshwater)	1.5 mg/kg dwt
PNEC sediment (marine water)	0.15 mg/kg dwt
PNEC (Soil)	
PNEC soil	0.293 mg/kg dwt
PNEC (STP)	
PNEC sewage treatment plant	10 mg/l

8.2. Exposure controls

- 8.2.1. Appropriate engineering controls : No additional information available
- 8.2.2. Personal protective equipment
Protective personal equipment only required in case of professional use or for large packs (not for household packs). For consumer use please follow recommendation as indicated on the label of the product.
- Hand protection : Wear suitable gloves.
- Eye protection : Wear eye/face protection.
- Skin and body protection : Wear suitable gloves.
- 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		

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Property	Value	Unit	Test method/Notes
Colour	clear.		
Odour	pleasant (perfume).		
Odour threshold			Perceived odor at typical use conditions
pH			Nonaqueous solution
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	≥ 200	°C	
Flash point	77	°C	
Relative evaporation rate (butylacetate=1)			Not available. This property is not relevant for the safety and classification of this product
Flammability (solid, gas)			Not applicable. This property is not relevant for liquid product forms
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	3 - 12	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.

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.

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SECTION 11: Toxicological information

11.1. Information on toxicological effects

11.1.1. Mixtures

Ambi Pur Blossom & Breeze 3Volution	
Acute toxicity	Not classified (*)
Skin corrosion/irritation	Causes skin irritation.
Serious eye damage/irritation	Causes serious eye irritation.
Respiratory or skin sensitisation	May cause an allergic skin reaction.
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:

Linalool (78-70-6)	
LD50 oral rat	2790 mg/kg bw

SECTION 12: Ecological information

12.1. Toxicity

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

Linalool (78-70-6)	
LC50 fishes 1	27.8 mg/l (OECD 203; Oncorhynchus mykiss; 96 h)
LC50 other aquatic organisms 1	> 100 mg/l (OECD 209; 3 h)
EC50 Daphnia 1	59 mg/l (OECD 202; Daphnia magna; 48 h)
ErC50 (algae)	156.7 mg/l (DIN 38412 L 9; Desmodesmus subspicatus; 96 h)
NOEC (chronic)	> 100 mg/l (OECD 209; 0.125 d)
NOEC chronic algae	54.3 mg/l (DIN 38412 L 9; Desmodesmus subspicatus; 4 d)
Nerol (106-25-2)	
LC50 fishes 1	20.3 mg/l OECD 203; Danio rerio; 96 h
LC50 other aquatic organisms 1	241 mg/l OECD 209; 3 h
EC50 Daphnia 1	32.4 mg/l OECD 202; Daphnia magna; 48 h
ErC50 (algae)	9.54 mg/l OECD 201; Pseudokirchneriella subcapitata; 72 h
NOEC chronic algae	3.48 mg/l OECD 201; Pseudokirchneriella subcapitata; 3 d
Allyl Heptanoate (142-19-8)	
LC50 fishes 1	0.117 mg/l mg/L (OECD 203; Danio rerio; 96 h)
EC50 Daphnia 1	0.89 mg/l (OECD 202; Daphnia magna; 48 h)
ErC50 (algae)	3 mg/l (OECD 201; Pseudokirchneriella subcapitata; 72 h)
NOEC chronic algae	0.158 mg/l (OECD 201; Desmodesmus subspicatus; 3 d)
Phenethyl Alcohol (60-12-8)	
LC50 fishes 1	> 215 mg/l DIN 38 412; Leuciscus idus; 96 h
LC50 other aquatic organisms 1	> 100 mg/l OECD 209; 3 h
EC50 Daphnia 1	287.17 mg/l EC 440/2008 C.2; Daphnia magna; 48 h
ErC50 (algae)	1300 mg/l DIN 38 412; Desmodesmus subspicatus; 72 h
NOEC (chronic)	100 mg/l OECD 209; 0.125 d
NOEC chronic algae	430 mg/l DIN 38 412; Desmodesmus subspicatus; 3 d)
Dihydro Pentamethylindanone (33704-61-9)	
LC50 fishes 1	2.12 mg/l Oryzias latipes; 96 h
LC50 other aquatic organisms 1	> 1000 mg/l OECD 209; 3 h
EC50 Daphnia 1	1.5 mg/l OECD 202; Daphnia magna; 48 h
ErC50 (algae)	10 mg/l OECD 201; Desmodesmus subspicatus; 72 h
NOEC chronic algae	1.4 mg/l OECD 201; Desmodesmus subspicatus; 3 d
Cyclamen Aldehyde (103-95-7)	
LC50 fishes 1	1.092 mg/l QSAR ECOSAR v1.11; 96 h
LC50 other aquatic organisms 1	100 mg/l OECD 209; 3 h

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Cyclamen Aldehyde (103-95-7)	
EC50 Daphnia 1	1.4 mg/l OECD 202; Daphnia magna; 48 h
ErC50 (algae)	3.8 mg/l OECD 201; Pseudokirchneriella subcapitata; 96 h
NOEC chronic algae	0.7 mg/l OECD 201; Pseudokirchneriella subcapitata; 4 d
Geranyl Acetate (105-87-3)	
LC50 fishes 1	68.12 mg/l DIN 38412; Leuciscus idus; 96 h
EC50 Daphnia 1	14.1 mg/l EC 440/2008 C.2; Daphnia magna; 48 h
ErC50 (algae)	3.72 mg/l OECD 201; Desmodesmus subspicatus; 72 h
NOEC (chronic)	800 mg/l ISO 8192; 0.5 h
NOEC chronic algae	585 mg/l OECD 201; Desmodesmus subspicatus; 3 d
Tetrahydrolinalool (78-69-3)	
LC50 fishes 1	8.9 mg/l OECD 203; Danio rerio; 96 h
LC50 other aquatic organisms 1	1000 mg/l DIN 38412-27; Pseudomonas putida; 0.5 h
EC50 Daphnia 1	14.2 mg/l OECD 202; Daphnia magna; 48 h
ErC50 (algae)	21.6 mg/l DIN 38 412, L9; Desmodesmus subspicatus; 72 h
NOEC (chronic)	450 mg/l EC10; DIN 38412-27; Pseudomonas putida; 0.5 h
NOEC chronic algae	9.5 mg/l DIN 38 412, L9; Desmodesmus subspicatus; 3 d
Methyl Decenol (81782-77-6)	
LC50 fishes 1	3 mg/l OECD 203; Pimephales promelas; 96 h
EC50 Daphnia 1	0.4 mg/l OECD 202; Daphnia magna; 48 h
ErC50 (algae)	3.8 mg/l OECD 201; Pseudokirchneriella subcapitata; 96 h
NOEC chronic algae	1.3 mg/l OECD 201; Pseudokirchneriella subcapitata; 4 d
cis-2-tert-Butylcyclohexyl Acetate (20298-69-5)	
LC50 fishes 1	5.6 mg/l EC 440/2008 C.1; Danio rerio; 96 h
EC50 Daphnia 1	17 mg/l EC 440/2008 C.2; Daphnia magna; 48 h
ErC50 (algae)	4.2 mg/l OECD 201; Desmodesmus subspicatus; 72 h
NOEC (chronic)	100 mg/l OECD 301 F; 61 d
NOEC chronic algae	0.57 mg/l OECD 201; Desmodesmus subspicatus; 3 d

12.2. Persistence and degradability

Linalool (78-70-6)	
Persistence and degradability	Biodegradable.
Biodegradation	64.2 % O2; OECD 301 D; 28 d
Nerol (106-25-2)	
Persistence and degradability	Biodegradable.
Biodegradation	90 % O2; OECD 301 D; > 60% (10-d)
Allyl Heptanoate (142-19-8)	
Persistence and degradability	Biodegradable.
Biodegradation	81 % O2; OECD 301 F; > 60% (10-d)
Phenethyl Alcohol (60-12-8)	
Persistence and degradability	Biodegradable.
Biodegradation	106.3 % OECD 301 B; > 60% (10-d)
Dihydro Pentamethylindanone (33704-61-9)	
Biodegradation	0 % O2; //OECD 301 C; 28 d
Cyclamen Aldehyde (103-95-7)	
Persistence and degradability	Biodegradable.
Biodegradation	65.5 % CO2; OECD 301 B; > 60% (10 d)
Geranyl Acetate (105-87-3)	
Persistence and degradability	Biodegradable.
Biodegradation	> 70 % O2; > 60% (10 d)
Tetrahydrolinalool (78-69-3)	
Persistence and degradability	Biodegradable.
Biodegradation	60 % O2; OECD 301 F; 61% (10 d)
Methyl Decenol (81782-77-6)	
Persistence and degradability	Biodegradable.
Biodegradation	73 % O2; OECD 301 F; > 60% (10-d)

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cis-2-tert-Butylcyclohexyl Acetate (20298-69-5)

Biodegradation	43 % O ₂ ; OECD 301 F; 28 d
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12.3. Bioaccumulative potential

Linalool (78-70-6)

Bioaccumulative potential	Not expected to bioaccumulate due to the low log Kow (log Kow < 4).
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Nerol (106-25-2)

Bioaccumulative potential	Not expected to bioaccumulate due to the low log Kow (log Kow < 4).
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Allyl Heptanoate (142-19-8)

Bioaccumulative potential	Not expected to bioaccumulate due to the low log Kow (log Kow < 4).
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Phenethyl Alcohol (60-12-8)

Bioaccumulative potential	Not expected to bioaccumulate due to the low log Kow (log Kow < 4).
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Dihydro Pentamethylindanone (33704-61-9)

Bioaccumulative potential	Not expected to bioaccumulate due to the low log Kow (log Kow < 4).
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Cyclamen Aldehyde (103-95-7)

Bioaccumulative potential	Not expected to bioaccumulate due to the low log Kow (log Kow < 4).
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Geranyl Acetate (105-87-3)

Bioaccumulative potential	Not expected to bioaccumulate due to the low log Kow (log Kow < 4).
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Tetrahydrolinalool (78-69-3)

Bioaccumulative potential	Not expected to bioaccumulate due to the low log Kow (log Kow < 4).
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Methyl Decenol (81782-77-6)

Bioaccumulative potential	Not expected to bioaccumulate due to the low log Kow (log Kow < 4).
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cis-2-tert-Butylcyclohexyl Acetate (20298-69-5)

Bioaccumulative potential	Not expected to bioaccumulate due to the low log Kow (log Kow < 4).
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12.4. Mobility in soil

Nerol (106-25-2)

Mobility in soil	94.15 QSAR KOCWIN v2.00
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Allyl Heptanoate (142-19-8)

Mobility in soil	968.3 (QSAR)
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Phenethyl Alcohol (60-12-8)

Mobility in soil	31.62 OECD 121
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Dihydro Pentamethylindanone (33704-61-9)

Mobility in soil	200
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Cyclamen Aldehyde (103-95-7)

Mobility in soil	1122.02 OECD 121
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Geranyl Acetate (105-87-3)

Mobility in soil	1151 QSAR KOCWIN v2.00
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Tetrahydrolinalool (78-69-3)

Mobility in soil	56.3 QSAR PCKOCWIN v1.66
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Methyl Decenol (81782-77-6)

Mobility in soil	1174.89 OECD 121
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cis-2-tert-Butylcyclohexyl Acetate (20298-69-5)

Mobility in soil	1300 OECD 121
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12.5. Results of PBT and vPvB assessment

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Results of PBT assessment	No presence of PBT and vPvB ingredients
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Component

Linalool (78-70-6)	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
Nerol (106-25-2)	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
Allyl Heptanoate (142-19-8)	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
Phenethyl Alcohol (60-12-8)	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

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Component	
Dihydro Pentamethylindanone (33704-61-9)	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
Cyclamen Aldehyde (103-95-7)	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
Geranyl Acetate (105-87-3)	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
Tetrahydrolinalool (78-69-3)	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
Methyl Decenol (81782-77-6)	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
cis-2-tert-Butylcyclohexyl Acetate (20298-69-5)	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. Where possible recycling is preferred to disposal or incineration. For handling waste, see measures described in section 7. Empty, uncleaned packaging need the same disposal considerations as filled packaging.
- 13.1.3. EURAL Waste code product : 20 01 29* - detergents containing dangerous substances
15 01 10* - packaging containing residues of or contaminated by dangerous substances

SECTION 14: Transport information

14.1. UN number

UN-No : 3082
UN-No. (ICAO) : 3082

14.2. UN proper shipping name

Proper Shipping Name : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
Transport document description (ADR) : UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Benzyl Acetate, Geranyl Acetate), 9, III, (E)

14.3. Transport hazard class(es)

Class (UN) : 9
Class (ICAO) : 9 - Miscellaneous dangerous substances and articles
Danger labels (UN) : 9



14.4. Packing group

Packing group (UN) : III

14.5. Environmental hazards

Dangerous for the environment :
Marine pollutant :



Other information : No supplementary information available.

14.6. Special precautions for user

14.6.1. Overland transport

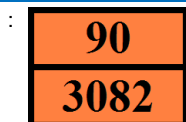
Hazard identification number (Kemler No.) : 90
Classification code (UN) : M6

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Orange plates



Special provisions (ADR) : 274, 335, 601, 375

Transport category (ADR) : 3

Tunnel restriction code : E

Limited quantities (ADR) : 5l

Excepted quantities (ADR) : E1

14.6.2. Transport by sea

UN-No. (IMDG) : 3082

Proper Shipping Name (IMDG) : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

Transport document description (IMDG) : UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Benzyl Acetate, Geranyl Acetate), 9, III, MARINE POLLUTANT

Transport hazard class(es) (IMDG) : 9

Packing group (IMDG) : III

Limited quantities (IMDG) : 5l

EmS-No. (1) : F-A

EmS-No. (2) : S-F

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.

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 : new version due to change in section 3, and potential other changes in Sections 8, 11 and 12
Change in SECTION 14: Transport 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). PBT: Persistent, Bioaccumulative and Toxic substance. PNEC(s): Predicted No Effect Concentration(s). vPvB: Very Persistent and Very Bioaccumulative. ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road. AND: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways. 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
Skin Irrit. 2	Calculation method
Eye Irrit. 2	Calculation method
Skin Sens. 1	Calculation method
Aquatic Chronic 2	Calculation method

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

Acute Tox. 3 (Dermal)	Acute toxicity (dermal), Category 3
Acute Tox. 3 (Inhalation)	Acute toxicity (inhal.), Category 3
Acute Tox. 3 (Oral)	Acute toxicity (oral), Category 3
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Acute 1	Hazardous to the aquatic environment — AcuteHazard, Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment — Chronic Hazard, Category 1
Aquatic Chronic 2	Hazardous to the aquatic environment — Chronic Hazard, Category 2
Aquatic Chronic 3	Hazardous to the aquatic environment — Chronic Hazard, Category 3
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Skin Irrit. 2	Skin corrosion/irritation, Category 2
Skin Sens. 1	Sensitisation — Skin, category 1
Skin Sens. 1A	Sensitisation — Skin, category 1A
Skin Sens. 1B	Sensitisation — Skin, category 1B
H301	Toxic if swallowed.
H302	Harmful if swallowed.
H311	Toxic in contact with skin.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H331	Toxic if inhaled.
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.

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