



SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

Product: Bamboo & White Grapefruit Diffuser 299DIFFUSER

Version: 1

Section 1. Identification of the substance or the mixture and of the supplier

1.1 Product Identifier

Product identifier: Bamboo & White Grapefruit Diffuser 299DIFFUSER(Contains:(+/-)-2,2-dimethyl-1,3-dioxolane-4-methanol, Geraniol, alpha-Hexylcinnamaldehyde, d-Limonene)

Other identifiers: None

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

Product uses: AIRCARE

1.3 Details of the supplier of the safety data sheet

Company name: Scent Perfique Ltd

Company address: Unit 18 Castle Street
Castlepark Industrial Estate
Ellon
Aberdeenshire
AB41 9RF

Contact: Regulatory Affairs

E-Mail address: technical@scentperfique.co.uk

Company phone: +44 (0) 1358 720443

1.4 Emergency telephone number

Emergency phone: +44 (0) 1358 720443

Section 2. Hazards identification

2.1 Classification of the substance or mixture

Classification under Regulation (EC) No 1272/2008

Class and category of danger: Eye Damage / Irritation Category 2
Sensitization - Skin Category 1
Hazardous to the Aquatic Environment - Long-term Hazard Category 2
H317, May cause an allergic skin reaction.
H319, Causes serious eye irritation.
H411, Toxic to aquatic life with long lasting effects.

Classification under Directive 1999/45/EC

Hazard symbols: N, Dangerous for the environment.
Xi, Irritant.

Risk phrases: R36, Irritating to the eyes.
R43, May cause sensitisation by skin contact.
R51/53, Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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2.2 Label elements

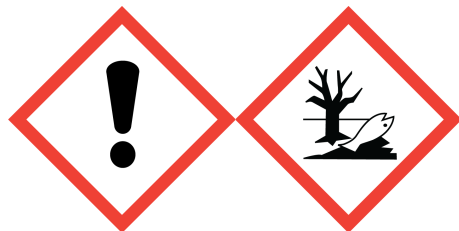
Signal word: Warning

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

Supplemental Information: EUH208, Contains 1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthalenyl)ethanone, 2,4-Dimethyl-3-cyclohexen-1-carboxaldehyde, 3 and 4-(4-Hydroxy-4-methylpentyl)-3-cyclohexene-1-carboxaldehyde, 3-(4-Hydroxy-4-methylpentyl)cyclohex-3-ene-1-carbaldehyde, Dimethylcyclohex-3-ene-1-carbaldehyde (isomer mixture), Hexyl salicylate, Hydroxycitronellal, Nerol, Nopyl acetate, alpha-Methyl-1,3-benzodioxole-5-propionaldehyde, dl-Citronellol, p-t-Butyl-alpha-methylhydrocinnamic aldehyde, p-tert-Butyldihydrocinnamaldehyde. May produce an allergic reaction.

Precautionary statements: P261, Avoid breathing vapour or dust.
P264, Wash hands and other contacted skin thoroughly after handling.
P272, Contaminated work clothing should not be allowed out of the workplace.
P273, Avoid release to the environment.
P280, Wear protective gloves/eye protection/face protection.
P302/352, IF ON SKIN: Wash with plenty of soap and water.
P305/351/338, IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P333/313, If skin irritation or rash occurs: Get medical advice/attention.
P337/313, If eye irritation persists: Get medical advice/attention.
P363, Wash contaminated clothing before reuse.
P391, Collect spillage.
P501, Dispose of contents/container to approved disposal site, in accordance with local regulations.

Pictograms:



Other hazards: None

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Section 3. Composition / information on ingredients

3.2 Mixtures

Contains:

| Name | CAS | EC | REACH Registration No. | % | Classification for (DSD) 67/548/EEC | Classification for (CLP) 1272/2008 |
|--|-------------|-----------|------------------------|---------|-------------------------------------|--|
| (+/-)-2,2-dimethyl-1,3-dioxolane-4-methanol | 100-79-8 | | | 50-100% | Xi ; R36 | EDI 2;H319,- |
| alpha-Hexylcinnamaldehyde | 101-86-0 | 202-983-3 | | 1-<5% | Xi-N ; R38-R43-R50/53 | SS 1B-EH A1-EH C2;H317-H400-H411,- |
| d-Limonene | 5989-27-5 | 227-813-5 | | 1-<5% | Xn-N ; R10-R38-R43-R65-R50/53 | FL 3-SCI 2-SS 1B-AH 1-EH A1-EH C1;H226-H304-H315-H317-H410,- |
| p-t-Butyl-alpha-methylhydrocinnamic aldehyde | 80-54-6 | 201-289-8 | | 1-<5% | Xn-N ; R22-R38-R43-R62-R51/53 | ATO 4-SCI 2-SS 1B-REP 2-EH C2;H302-H315-H317-H361-H411,- |
| 2-tert-Butylcyclohexyl acetate | 88-41-5 | 201-828-7 | | 1-<5% | N ; R51/53 | EH C2;H411,- |
| Linalool | 78-70-6 | 201-134-4 | | 1-<5% | Xi ; R38 | SCI 2-EDI 2;H315-H319,- |
| Nopyl acetate | 128-51-8 | 204-891-9 | | 0.1-<1% | Xi-N ; R36-R43-R51/53 | EDI 2-SS 1B-EH C2;H317-H319-H411,- |
| 1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthalenyl)ethanone | 54464-57-2 | 259-174-3 | | 0.1-<1% | Xi-N ; R38-R43-R51/53 | SCI 2-SS 1B-EH C1;H315-H317-H410,- |
| Geraniol | 106-24-1 | 203-377-1 | | 0.1-<1% | Xi ; R38-R41-R43 | SCI 2-EDI 1-SS 1;H315-H317-H318,- |
| 3 and 4-(4-Hydroxy-4-methylpentyl)-3-cyclohexene-1-carboxaldehyde | 31906-04-4 | 250-863-4 | | 0.1-<1% | Xi ; R43 | SS 1B;H317,- |
| 3-(4-Hydroxy-4-methylpentyl)cyclohex-3-ene-1-carbaldehyde | 51414-25-6 | 257-187-9 | | 0.1-<1% | Xi ; R43 | SS 1B;H317,- |
| Citronellyl acetate | 150-84-5 | 205-775-0 | | 0.1-<1% | Xi-N ; R38-R51/53 | SCI 2-EH C2;H315-H411,- |
| 2,4-Dimethyl-3-cyclohexen-1-carboxaldehyde | 68039-49-6 | 268-264-1 | | 0.1-<1% | Xi ; R43-R36/38-R52/53 | SCI 2-EDI 2-SS 1B-EH C3;H315-H317-H319-H412,- |
| 2-(1-(3',3'-Dimethyl-1'-cyclohexyl)ethoxy)-2-methyl propyl propanoate | 141773-73-1 | 415-490-5 | | 0.1-<1% | N ; R51/53 | EH C2;H411,- |
| 3a,4,5,6,7,7a-Hexahydro-4,7-methano-1H-indenyl propionate (mixture of isomers) | 68912-13-0 | 272-805-7 | | 0.1-<1% | N ; R51/53 | EH C2;H411,- |
| Allyl hexanoate | 123-68-2 | 204-642-4 | | 0.1-<1% | T-N ; R23-R21/22-R50/53 | ATO 3-ATD 3-ATI 3-EH A1-EH C3;H301-H311-H331-H400-H412,- |
| Dimethylcyclohex-3-ene-1-carbaldehyde (isomer mixture) | 68737-61-1 | 272-113-5 | | 0.1-<1% | Xi ; R43-R36/38-R52/53 | SCI 2-EDI 2-SS 1B-EH C3;H315-H317-H319-H412,- |
| Hexyl salicylate | 6259-76-3 | 228-408-6 | | 0.1-<1% | Xi-N ; R38-R43-R50/53 | SCI 2-EDI 2-SS 1-EH A1-EH C1;H315-H317-H319-H410,- |
| p-tert-Butyldihydrocinnamaldehyde | 18127-01-0 | 242-016-2 | | 0.1-<1% | Xn-N ; R38-R43-R62-R51/53 | SCI 2-SS 1B-REP 2-STO-RE 2;H315-H317-H361-H373,- |
| Nerol | 106-25-2 | 203-378-7 | | 0.1-<1% | Xi ; R43-R36/38 | SCI 2-EDI 2-SS 1B;H315-H317-H319,- |
| dl-Citronellol | 106-22-9 | 203-375-0 | | 0.1-<1% | Xi-N ; R38-R43-R51/53 | SCI 2-EDI 2-SS 1B;H315-H317-H319,- |

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|---|------------|-----------|--|---------|-------------------|--|
| alpha-Methyl-1,3-benzodioxole-5-propionaldehyde | 1205-17-0 | 214-881-6 | | 0.1-<1% | Xi-N ; R43-R51/53 | SS 1B-EH C2;H317-H411,- |
| beta-Ionone | 14901-07-6 | 238-969-9 | | 0.1-<1% | N ; R51/53 | EH C2;H411,- |
| Hydroxycitronellal | 107-75-5 | 203-518-7 | | 0.1-<1% | Xi ; R36-R43 | EDI 2-SS 1B;H317-H319,- |
| Myrcene | 123-35-3 | 204-622-5 | | <0.1% | Xn ; R10-R38-R65 | FL 3-SCI 2-EDI 2-AH 1; H226-H304-H315-H319,- |

Substances with Community workplace exposure limits, not listed above:

| Name | CAS | EC | % |
|--------------------------|----------|-----------|---------|
| Butylated hydroxytoluene | 128-37-0 | 204-881-4 | <0.001% |
| Diethyl phthalate | 84-66-2 | 201-550-6 | 4.03% |

Substances that are persistent, bioaccumulative and toxic or very persistent and very bioaccumulative, greater than 0.1%:

Not Applicable

Section 4. First-aid measures

4.1 Description of first aid measures

IF ON SKIN: Wash with plenty of soap and water.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

4.2 Most important symptoms and effects, both acute and delayed

May cause an allergic skin reaction.

Causes serious eye irritation.

4.3 Indication of any immediate medical attention and special treatment needed

None expected, see Section 4.1 for further information.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable media: Carbon dioxide, Dry chemical, Foam.

5.2 Special hazards arising from the substance or mixture

In case of fire, may be liberated: Carbon monoxide, Unidentified organic compounds.

5.3 Advice for fire fighters:

In case of insufficient ventilation, wear suitable respiratory equipment.

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Section 6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures:

Avoid inhalation. Avoid contact with skin and eyes. See protective measures under Section 7 and 8.

6.2 Environmental precautions:

Keep away from drains, surface and ground water, and soil.

6.3 Methods and material for containment and cleaning up:

Remove ignition sources. Provide adequate ventilation. Avoid excessive inhalation of vapours. Contain spillage immediately by use of sand or inert powder. Dispose of according to local regulations.

6.4 Reference to other sections:

Also refer to sections 8 and 13.

Section 7. Handling and storage

7.1 Precautions for safe handling:

Keep away from heat, sparks, open flames and hot surfaces. - No smoking. Use personal protective equipment as required. Use in accordance with good manufacturing and industrial hygiene practices. Use in areas with adequate ventilation. Do not eat, drink or smoke when using this product.

7.2 Conditions for safe storage, including any incompatibilities:

Store in a well-ventilated place. Keep container tightly closed. Keep cool. Ground/bond container and receiving equipment. Use explosion-proof electrical, ventilating and lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge.

7.3 Specific end use(s):

AIRCARE: Use in accordance with good manufacturing and industrial hygiene practices.

Section 8. Exposure controls/personal protection

8.1 Control parameters

Workplace exposure limits:

| Ingredient | CAS | EC | Description | | | Reference |
|--------------------------|----------|-----------|--|---|----|------------------|
| Butylated hydroxytoluene | 128-37-0 | 204-881-4 | Long-term exposure limit (8-hour TWA reference period) | - | 10 | UK EH40 Oct 2007 |
| | | | Short-term exposure limit (15-minute reference period) | - | - | UK EH40 Oct 2007 |

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| | | | | | | |
|-------------------|---------|-----------|--|---|----|------------------|
| Diethyl phthalate | 84-66-2 | 201-550-6 | Long-term exposure limit (8-hour TWA reference period) | - | 5 | UK EH40 Oct 2007 |
| | | | Short-term exposure limit (15-minute reference period) | - | 10 | UK EH40 Oct 2007 |

8.2 Exposure Controls

Eye / Skin Protection

Wear protective gloves/eye protection/face protection

Respiratory Protection

Ensure adequate and ongoing ventilation is maintained in order to prevent build up of excessive vapour and to ensure occupational exposure limits are adhered to. If appropriate, and depending on your patterns and volumes of use, the following engineering controls may be required as additional protective measures: a) Isolate mixing rooms and other areas where this material is used or openly handled. Maintain these areas under negative air pressure relative to the rest of the plant. b) Employ the use of Personal protective equipment - an approved, properly fitted respirator with organic vapour cartridges or canisters and particulate filters. c) Use local exhaust ventilation around open tanks and other open sources of potential exposures in order to avoid excessive inhalation, including places where this material is openly weighed or measured. In addition, use general dilution ventilation of the work area to eliminate or reduce possible worker exposures. d) Use closed systems for transferring and processing this material.

Also refer to Sections 2 and 7.

Section 9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

| | |
|---------------------------------------|----------------|
| Appearance: | Not determined |
| Odour: | Not determined |
| pH: | Not determined |
| Initial boiling point / range: | Not determined |
| Flash point: | > 100 °C |
| Vapour pressure: | Not determined |
| Relative density: | Not determined |
| Solubility(ies): | Not determined |

9.2 Other information: None available

Section 10. Stability and reactivity

10.1 Reactivity:

Presents no significant reactivity hazard, by itself or in contact with water.

10.2 Chemical stability:

Good stability under normal storage conditions.

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10.3 Possibility of hazardous reactions:

Not expected under normal conditions of use.

10.4 Conditions to avoid:

Avoid extreme heat.

10.5 Incompatible materials:

Avoid contact with strong acids, alkalis or oxidising agents.

10.6 Hazardous decomposition products:

Not expected.

Section 11. Toxicological information

11.1 Information on toxicological effects

This mixture has not been tested as a whole for health effects. The health effects have been calculated using the methods outlined in Regulation (EC) No 1272/2008 (CLP).

May cause an allergic skin reaction.

Causes serious eye irritation.

Assumed Toxicity Value (LD50 or ATE) for Acute Oral Toxicity: >5000

Assumed Toxicity Value (LD50 or ATE) for Acute Dermal Toxicity: >5000

Assumed Toxicity Value (LC50 or ATE) for Acute Inhalation Toxicity: Not Available

Inhalation Route: Not Available

Information about hazardous ingredients in the mixture

| Ingredient | CAS | EC | LD50/ATE Oral | LD50/ATE Dermal | LC50/ATE Inhalation | LC50 Route |
|--|----------|-----------|---------------|-----------------|---------------------|---------------|
| Allyl hexanoate | 123-68-2 | 204-642-4 | 300 | 300 | 3 | Not available |
| p-t-Butyl-alpha-methylhydrocinnamic aldehyde | 80-54-6 | 201-289-8 | 1390 | Not available | Not available | Not available |

Refer to Sections 2 and 3 for additional information.

Section 12. Ecological information

12.1 Toxicity:

Toxic to aquatic life with long lasting effects.

12.2 Persistence and degradability: Not available

12.3 Bioaccumulative potential: Not available

12.4 Mobility in soil: Not available



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12.5 Results of PBT and vPvB assessment:

This substance does not meet the PBT/vPvB criteria of REACH, annex XIII.

12.6 Other adverse effects: Not available

Section 13. Disposal considerations

13.1 Waste treatment methods:

Dispose of in accordance with local regulations. Avoid disposing into drainage systems and into the environment. Empty containers should be taken to an approved waste handling site for recycling or disposal.

Section 14. Transport information

14.1 UN number: UN3082

14.2 UN Proper Shipping Name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (d-Limonene, 1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthalenyl) ethanone)

14.3 Transport hazard class(es): 9

Sub Risk: -

14.4. Packing Group: III

14.5 Environmental hazards: This is an environmentally hazardous substance.

14.6 Special precautions for user: None additional

14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:

Not applicable

Section 15. Regulatory information

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

None additional

15.2 Chemical Safety Assessment

A Chemical Safety Assessment has not been carried out for this product.

Section 16. Other information

Concentration % Limits: EH C2=93.77% EH C3=9.38% EDI 2=11.85% SS 1=52.63%

Total Fractional Values: EH C2=1.07 EH C3=10.66 EDI 2=8.44 SS 1=1.90

Key to revisions:

Not applicable

Key to abbreviations:

| Abbreviation | Meaning |
|--------------|---------|
|--------------|---------|

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| | |
|-------|--|
| AH 1 | Aspiration Hazard Category 1 |
| ATD 3 | Acute Toxicity - Dermal Category 3 |
| ATI 3 | Acute Toxicity - Inhalation Category 3 |
| ATO 3 | Acute Toxicity - Oral Category 3 |
| ATO 4 | Acute Toxicity - Oral Category 4 |
| EDI 1 | Eye Damage / Irritation Category 1 |
| EDI 2 | Eye Damage / Irritation Category 2 |
| EH A1 | Hazardous to the Aquatic Environment - Acute Hazard Category 1 |
| EH C1 | Hazardous to the Aquatic Environment - Long-term Hazard Category 1 |
| EH C2 | Hazardous to the Aquatic Environment - Long-term Hazard Category 2 |
| EH C3 | Hazardous to the Aquatic Environment - Long-term Hazard Category 3 |
| FL 3 | Flammable Liquid, Hazard Category 3 |
| H226 | Flammable liquid and vapour. |
| 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. |
| H318 | Causes serious eye damage. |
| H319 | Causes serious eye irritation. |
| H331 | Toxic if inhaled. |
| H361 | Suspected of damaging fertility or the unborn child (exposure route). |
| H373 | May cause damage to organs (organs) through prolonged or repeated exposure (exposure route). |
| 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. |
| P202 | Do not handle until all safety precautions have been read and understood. |
| P210 | Keep away from heat, sparks, open flames and hot surfaces. - No smoking. |
| P233 | Keep container tightly closed. |
| P240 | Ground/bond container and receiving equipment. |
| P241 | Use explosion-proof electrical, ventilating and lighting equipment. |
| P242 | Use only non-sparking tools. |
| P243 | Take precautionary measures against static discharge. |
| P260 | Do not breathe vapour or dust. |
| P261 | Avoid breathing vapour or dust. |
| P264 | Wash hands and other contacted skin thoroughly after handling. |
| P270 | Do not eat, drink or smoke when using this product. |
| P271 | Use only outdoors or in a well-ventilated area. |
| P272 | Contaminated work clothing should not be allowed out of the workplace. |
| P273 | Avoid release to the environment. |

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| P280 | Wear protective gloves/eye protection/face protection. |
| P301/310 | IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. |
| P301/312 | IF SWALLOWED: call a POISON CENTER or doctor/physician if you feel unwell. |
| P302/352 | IF ON SKIN: Wash with plenty of soap and water. |
| P303/361/353 | IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower. |
| P304/340 | IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. |
| P305/351/338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |
| P308/313 | IF exposed or concerned: Get medical advice/attention. |
| P310 | Immediately call a POISON CENTER or doctor/physician. |
| P311 | Call a POISON CENTRE or doctor/physician. |
| P330 | Rinse mouth. |
| P331 | Do not induce vomiting. |
| P332/313 | If skin irritation occurs: Get medical advice/attention. |
| P333/313 | If skin irritation or rash occurs: Get medical advice/attention. |
| P337/313 | If eye irritation persists: Get medical advice/attention. |
| P361 | Remove/Take off immediately all contaminated clothing. |
| P362 | Take off contaminated clothing and wash before reuse. |
| P363 | Wash contaminated clothing before reuse. |
| P370/378 | In case of fire: Use carbon dioxide, dry chemical, foam for extinction. |
| P391 | Collect spillage. |
| P403/235 | Store in a well-ventilated place. Keep cool. |
| P405 | Store locked up. |
| P501 | Dispose of contents/container to approved disposal site, in accordance with local regulations. |
| REP 2 | Toxic to Reproduction Category 2 |
| SCI 2 | Skin Corrosion / Irritation Category 2 |
| SS 1 | Sensitization - Skin Category 1 |
| SS 1B | Sensitization - Skin Category 1B |
| STO-RE 2 | Specific Target Organ Toxicity (Repeated Exposure) Category 2 |

The information in this safety data sheet is to the best of our knowledge true and accurate but all data, instructions, recommendations and/or suggestions are made without guarantee.