# SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

**Product:** Lemon Peel Diffuser 259664DIFFUSER

**Version:** 5

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

### 1.1 Product Identifier

**Product identifier:** Lemon Peel Diffuser 259664DIFFUSER(Contains:(+/-)-2,2-dimethyl-1,3-dioxolane-4-methanol, Citral, 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 16/17 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:**
Skin Corrosion / Irritation Category 2
Eye Damage / Irritation Category 2
Sensitization - Skin Category 1
Hazardous to the Aquatic Environment - Long-term Hazard Category 2
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.

### 2.2 Label elements

**Classification under Regulation (EC) No 1272/2008**

**Signal word:** Warning

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**Hazard statements:**
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.

**Supplemental Information:** EUH208, Contains Linalool. 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.
P362, Take off contaminated clothing and wash before reuse.
P391, Collect spillage.
P501, Dispose of contents/container to approved disposal site, in accordance with local regulations.

**Pictograms:**

### 2.3 Other hazards

**Other hazards:** None

## Section 3. Composition / information on ingredients

### 3.2 Mixtures

**Contains:**

| Name | CAS | EC | REACH Registration No. | % | Classification for (CLP) 1272/2008 |
|---|---|---|---|---|---|
| (+/-)-2,2-dimethyl-1,3-dioxolane-4-methanol | 100-79-8 | | | 50-100% | Eye Irrit. 2;H319,- |

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| | | | | | |
|---|---|---|---|---|---|
| d-Limonene | 5989-27-5 | 227-813-5 | | 5-<10% | Flam. Liq. 3-Skin Irrit. 2-Skin Sens. 1B-Asp. Tox 1-Aquatic Acute 1-Aquatic Chronic 1; H226-H304-H315-H317-H410,- |
| Citral | 5392-40-5 | 226-394-6 | | 1-<5% | Skin Irrit. 2-Skin Sens. 1B;H315-H317,- |
| Linalool | 78-70-6 | 201-134-4 | | 0.1-<1% | Skin Irrit. 2-Eye Irrit. 2-Skin Sens. 1B;H315-H317-H319,- |

**Substances with Community workplace exposure limits:**

| Name | CAS | EC | REACH Registration No. | % | Classification for (CLP) 1272/2008 |
|---|---|---|---|---|---|
| Diethyl phthalate | 84-66-2 | 201-550-6 | | 1-<5% | -;-,- |

**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

**Inhalation:** Remove from exposure site to fresh air, keep at rest, and obtain medical attention.

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

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

**Ingestion:** Rinse mouth with water and obtain medical attention.

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

Causes skin irritation.

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.

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**5.3 Advice for fire fighters:**

In case of insufficient ventilation, wear suitable respiratory equipment.

## 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:

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| Ingredient | CAS | EC | Description | Value |
|---|---|---|---|---|
| Diethyl phthalate | 84-66-2 | 201-550-6 | Long-term exposure limit (8-hour TWA) (mg/m3) | 5 |
| | | | Short-term exposure limit (15-minute) (mg/m3) | 10 |

### 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 |
| **Odour threshold:** | Not determined |
| **pH:** | Not determined |
| **Melting point / freezing point:** | Not determined |
| **Initial boiling point / range:** | Not determined |
| **Flash point:** | > 100 °C |
| **Evaporation rate:** | Not determined |
| **Flammability (solid, gas):** | Not determined |
| **Upper/lower flammability or explosive limits:** | Product does not present an explosion hazard |
| **Vapour pressure:** | Not determined |
| **Vapour density:** | Not determined |
| **Relative density:** | Not determined |
| **Solubility(ies):** | Not determined |
| **Partition coefficient: n-octanol/water:** | Not determined |
| **Auto-ignition temperature:** | Not determined |
| **Decomposition temperature:** | Not determined |

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| | |
|---|---|
| **Viscosity:** | Not determined |
| **Explosive properties:** | Not expected |
| **Oxidising properties:** | Not expected |

**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.

**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).

| | |
|---|---|
| **Acute Toxicity:** | Based on available data the classification criteria are not met. |
| Acute Toxicity Oral | Not Applicable |
| Acute Toxicity Dermal | >5000 |
| Acute Toxicity Inhalation | Not Available |
| **Skin corrosion/irritation:** | Skin Corrosion / Irritation Category 2 |
| **Serious eye damage/irritation:** | Eye Damage / Irritation Category 2 |
| **Respiratory or skin sensitisation:** | Sensitization - Skin Category 1 |
| **Germ cell mutagenicity:** | Based on available data the classification criteria are not met. |
| **Carcinogenicity:** | Based on available data the classification criteria are not met. |
| **Reproductive toxicity:** | Based on available data the classification criteria are not met. |
| **STOT-single exposure:** | Based on available data the classification criteria are not met. |
| **STOT-repeated exposure:** | Based on available data the classification criteria are not met. |
| **Aspiration hazard:** | Based on available data the classification criteria are not met. |

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**Information about hazardous ingredients in the mixture**

Not Applicable

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

**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)

**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

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**Concentration % Limits:** EH C2=26.83% EH C3=2.68% SCI 2=93.73% EDI 2=11.58% SS 1=10.73%

**Total Fractional Values:** EH C2=3.73 EH C3=37.27 SCI 2=1.07 EDI 2=8.64 SS 1=9.32

**Key to revisions:**

Information about hazardous ingredients in the mixture
SECTION 3: Composition/information on ingredients
Workplace exposure limits

**Key to abbreviations:**

| Abbreviation | Meaning |
|---|---|
| Aquatic Acute 1 | Hazardous to the Aquatic Environment - Acute Hazard Category 1 |
| Aquatic Chronic 1 | Hazardous to the Aquatic Environment - Long-term Hazard Category 1 |
| Asp. Tox 1 | Aspiration Hazard Category 1 |
| Eye Irrit. 2 | Eye Damage / Irritation Category 2 |
| Flam. Liq. 3 | Flammable Liquid, Hazard Category 3 |
| H226 | Flammable liquid and vapour. |
| H304 | May be fatal if swallowed and enters airways. |
| H315 | Causes skin irritation. |
| H317 | May cause an allergic skin reaction. |
| H319 | Causes serious eye irritation. |
| H410 | Very toxic to aquatic life with long lasting effects. |
| 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. |
| 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. |
| P301/310 | IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. |
| 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. |
| P305/351/338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |
| P331 | Do not induce vomiting. |
| P333/313 | If skin irritation or rash occurs: Get medical advice/attention. |
| P337/313 | If eye irritation persists: Get medical advice/attention. |
| P362 | Take off contaminated clothing and wash before reuse. |
| P370/378 | In case of fire: Use carbon dioxide, dry chemical, foam for extinction. |

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| | |
|---|---|
| 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. |
| Skin Irrit. 2 | Skin Corrosion / Irritation Category 2 |
| Skin Sens. 1B | Sensitization - Skin Category 1B |

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.