

# SAFETY DATA SHEET

**Product:** Orange, Clove and Cinnamon Candle

**Version:** 1

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

### 1.1 Product Identifier

**Product identifier:** Orange, Clove and Cinnamon Candle (Contains:Cinnamaldehyde, alpha-Methylcinnamaldehyde, d-Limonene, Coumarin, Eugenol)

**Other identifiers:** None

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

**Product uses:** Consumer uses indoor candle

### 1.3 Details of the supplier of the safety data sheet

**Company name:** Isle of Skye Candle Comapny

**Company address:** Broadford  
Isle of Skye  
IV49 9AB

**Contact:** Ragnall Robertson

**E-Mail address:** ragnall@skyecandles.co.uk

**Company phone:** +44 7590122125

### 1.4 Emergency telephone number

**Emergency phone:** +44 7590122125

## Section 2. Hazards identification

### 2.1 Classification of the substance or mixture

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

**Class and category of danger:** Sensitization - Skin Category 1  
H317, May cause an allergic skin reaction.

### 2.2 Label elements

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

**Signal word:** Warning

**Hazard statements:** H317, May cause an allergic skin reaction.

**Precautionary statements:** P102, Keep out of reach of children.  
P302/352, IF ON SKIN: Wash with plenty of soap and water.  
P333/313, If skin irritation or rash occurs: Get medical advice.  
P501, Dispose of container to approved disposal site, in accordance with local regulations.

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**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   |
|----------------------------|-----------|-----------|------------------------|-------|--|
| d-Limonene                 | 5989-27-5 | 227-813-5 |                        | 1.91% | Flam. Liq. 3-Skin Irrit. 2-Skin Sens. 1B-Asp. Tox 1-Aquatic Acute 1-Aquatic Chronic 3; H226-H304-H315-H317-H400-H412,- |
| alpha-Methylcinnamaldehyde | 101-39-3  | 202-938-8 |                        | 1.15% | Skin Sens. 1B;H317,-   |
| Eugenol                    | 97-53-0   | 202-589-1 |                        | 0.80% | Eye Irrit. 2-Skin Sens. 1B;H317-H319,-   |
| Cinnamaldehyde             | 104-55-2  | 203-213-9 |                        | 0.23% | Acute Tox. 4-Skin Irrit. 2-Eye Irrit. 2-Skin Sens. 1A-Aquatic Chronic 3;H312-H315-H317-H319-H412,-                     |
| Coumarin                   | 91-64-5   | 202-086-7 |                        | 0.18% | Acute Tox. 4-Skin Sens. 1B;H302-H317,-   |

**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 |                        | 4.27% | -;-,-                              |

**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:** Flush immediately with water for at least 15 minutes. Contact physician if symptoms persist.

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**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

May cause an allergic skin reaction.

### 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.

## Section 6. Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures:

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

### 6.2 Environmental precautions:

Keep away from drain.

### 6.3 Methods and material for containment and cleaning up:

Collect spillages into a suitable container. Wash spill area thoroughly to remove residues.

### 6.4 Reference to other sections:

Also refer to sections 8 and 13.

## Section 7. Handling and storage

### 7.1 Precautions for safe handling:

Use in accordance with good manufacturing and industrial hygiene practices.

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### 7.2 Conditions for safe storage, including any incompatibilities:

Keep cool.

### 7.3 Specific end use(s):

Consumer uses indoor candle: 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  | Value |
|-------------------|---------|-----------|--|-------|
| Diethyl phthalate | 84-66-2 | 201-550-6 | Long-term exposure limit (8-hour TWA) (mg/m <sup>3</sup> ) | 5     |
|                   |         |           | Short-term exposure limit (15-minute) (mg/m <sup>3</sup> ) | 10    |

### 8.2 Exposure Controls

#### Eye / Skin Protection

Wear protective gloves, e.g. rubber gloves

#### 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.

Also refer to Sections 2 and 7.

## Section 9. Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

|                                       |                |
|---------------------------------------|----------------|
| <b>Appearance:</b>                    | Solid          |
| <b>Odour:</b>                         | Pleasant       |
| <b>Odour threshold:</b>               | Not determined |
| <b>pH:</b>                            | Not determined |
| <b>Melting point:</b>                 | 50 - 55 °C     |
| <b>Initial boiling point / range:</b> | Not determined |
| <b>Flash point:</b>                   | > 65 °C        |

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|--|--|
| <b>Evaporation rate:</b>                             | Not determined                               |
| <b>Flammability (solid, gas):</b>                    | Not determined                               |
| <b>Upper/lower flammability or explosive limits:</b> | Product does not present an explosion hazard |
| <b>Vapour pressure:</b>                              | Not determined                               |
| <b>Vapour density:</b>                               | Not determined                               |
| <b>Relative density:</b>                             | Not determined                               |
| <b>Solubility(ies):</b>                              | Insoluble in water.                          |
| <b>Partition coefficient: n-octanol/water:</b>       | Not determined                               |
| <b>Auto-ignition temperature:</b>                    | Not determined                               |
| <b>Decomposition temperature:</b>                    | Not determined                               |
| <b>Viscosity:</b>                                    | Not determined                               |
| <b>Explosive properties:</b>                         | Not expected                                 |
| <b>Oxidising properties:</b>                         | 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).

|                                   |  |
|-----------------------------------|--|
| <b>Acute Toxicity:</b>            | Based on available data the classification criteria are not met. |
| Acute Toxicity Oral               | >5000  |
| Acute Toxicity Dermal             | Not Applicable   |
| Acute Toxicity Inhalation         | Not Available  |
| <b>Skin corrosion/irritation:</b> | Based on available data the classification criteria are not met. |

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|---|--|
| <b>Serious eye damage/irritation:</b>     | Based on available data the classification criteria are not met. |
| <b>Respiratory or skin sensitisation:</b> | Sensitization - Skin Category 1                                  |
| <b>Germ cell mutagenicity:</b>            | Based on available data the classification criteria are not met. |
| <b>Carcinogenicity:</b>                   | Based on available data the classification criteria are not met. |
| <b>Reproductive toxicity:</b>             | Based on available data the classification criteria are not met. |
| <b>STOT-single exposure:</b>              | Based on available data the classification criteria are not met. |
| <b>STOT-repeated exposure:</b>            | Based on available data the classification criteria are not met. |
| <b>Aspiration hazard:</b>                 | Based on available data the classification criteria are not met. |

### Information about hazardous ingredients in the mixture

Not Applicable

Refer to Sections 2 and 3 for additional information.

### Section 12. Ecological information

|  |               |
|--|---------------|
| <b>12.1 Toxicity:</b>  | Not available |
| <b>12.2 Persistence and degradability:</b>                               | Not available |
| <b>12.3 Bioaccumulative potential:</b>                                   | Not available |
| <b>12.4 Mobility in soil:</b>  | Not available |
| <b>12.5 Results of PBT and vPvB assessment:</b>                          |               |
| This substance does not meet the PBT/vPvB criteria of REACH, annex XIII. |               |
| <b>12.6 Other adverse effects:</b>                                       | 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.

### Section 14. Transport information

|  |   |
|--|---|
| <b>14.1 UN number:</b>   | Not classified                              |
| <b>14.2 UN Proper Shipping Name:</b>   | -   |
| <b>14.3 Transport hazard class(es):</b>  | Not classified                              |
| <b>Sub Risk:</b>   | Not classified                              |
| <b>14.4. Packing Group:</b>  | Not classified                              |
| <b>14.5 Environmental hazards:</b>   | Not environmentally hazardous for transport |
| <b>14.6 Special precautions for user:</b>  | None additional                             |
| <b>14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:</b> |   |
| Not classified   |   |

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### 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:** SS 1=43.48%

**Total Fractional Values:** SS 1=2.30

#### Key to revisions:

Not applicable

#### Key to abbreviations:

| Abbreviation      | Meaning  |
|-------------------|--|
| Acute Tox. 4      | Acute Toxicity - Dermal Category 4                                       |
| Acute Tox. 4      | Acute Toxicity - Oral Category 4   |
| Aquatic Acute 1   | Hazardous to the Aquatic Environment - Acute Hazard Category 1           |
| Aquatic Chronic 3 | Hazardous to the Aquatic Environment - Long-term Hazard Category 3       |
| 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.   |
| H302              | Harmful if swallowed.  |
| H304              | May be fatal if swallowed and enters airways.                            |
| H312              | Harmful in contact with skin.  |
| H315              | Causes skin irritation.  |
| H317              | May cause an allergic skin reaction.                                     |
| H319              | Causes serious eye irritation.   |
| H400              | Very toxic to aquatic life.  |
| H412              | Harmful 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.           |
| P270              | Do not eat, drink or smoke when using this product.                      |
| P272              | Contaminated work clothing should not be allowed out of the workplace.   |

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| 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.  |
| 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.                       |
| P305/351/338  | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |
| P312          | Call a POISON CENTRE or doctor/physician if you feel unwell.   |
| P330          | Rinse mouth.   |
| 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.  |
| 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.                                   |
| Skin Irrit. 2 | Skin Corrosion / Irritation Category 2   |
| Skin Sens. 1A | Sensitization - Skin Category 1A   |
| 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.