

## SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

**Product:** Fresh Coffee Fragrance Oil

**Version:** 1

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

#### 1.1 Product Identifier

**Product identifier:** Fresh Coffee Fragrance Oil (Contains: Benzyl benzoate, Furfural, Vanillin)

**Other identifiers:** SKU: 22425

**Unique Formula Identifier (UFI):** UFI: R930-Y2XP-P00Q-8YHV

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

**Product uses:** Fragrance Oil (Mixture for further formulation.)

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

**Company name:** NI Candle Supplies Ltd

**Company address:** Unit 7A Milltown Industrial Estate  
Greenan Road  
Warrenpoint  
BT34 3FN

**Contact:** Sarah Lowther

**E-Mail address:** support@nicandlesupplies.co.uk

**Company phone:** +44 28 4177 4362

#### 1.4 Emergency telephone number

**Emergency phone:** +44 7412 948 473

### Section 2. Hazards identification

#### 2.1 Classification of the substance or mixture

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

**Class and category of danger:** Acute Toxicity - Oral Category 4  
Carcinogenicity Category 2  
Hazardous to the Aquatic Environment - Acute Hazard Category 1  
Hazardous to the Aquatic Environment - Long-term Hazard Category 2  
H302, Harmful if swallowed.  
H351, Suspected of causing cancer (exposure route).  
H400, Very toxic to aquatic life.  
H411, Toxic to aquatic life with long lasting effects.

#### 2.2 Label elements

**Signal word:** Warning

**Hazard statements:** H302, Harmful if swallowed.  
H351, Suspected of causing cancer (exposure route).

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H400, Very toxic to aquatic life.  
H411, Toxic to aquatic life with long lasting effects.

**Supplemental Information:** EUH208, Contains Coumarin, Diacetyl. May produce an allergic reaction.

**Precautionary statements:** P202, Do not handle until all safety precautions have been read and understood.  
P264, Wash hands and other contacted skin thoroughly after handling.  
P270, Do not eat, drink or smoke when using this product.  
P273, Avoid release to the environment.  
P281, Use personal protective equipment as required.  
P301/312, IF SWALLOWED: call a POISON CENTER or doctor/physician if you feel unwell.  
P308/313, IF exposed or concerned: Get medical advice/attention.  
P330, Rinse mouth.  
P391, Collect spillage.  
P405, Store locked up.  
P501, Dispose of contents/container to approved disposal site, in accordance with local regulations.

**Pictograms:**



**Unique Formula Identifier (UFI):** UFI: R930-Y2XP-P00Q-8YHV

**Other hazards:** None

### Section 3. Composition / information on ingredients

#### 3.2 Mixtures

**Contains:**

| Name            | CAS      | EC        | REACH Registration No. | %      | Classification for (CLP) 1272/2008  |
|-----------------|----------|-----------|------------------------|--------|---|
| Benzyl benzoate | 120-51-4 | 204-402-9 |                        | 80.20% | ATO 4-EH A1-EH C2; H302-H400-H411,-   |
| Vanillin        | 121-33-5 | 204-465-2 |                        | 2.10%  | EDI 2;H319,-  |
| Furfural        | 98-01-1  | 202-627-7 |                        | 1.10%  | FL 3-ATO 3-ATD 4-ATI 2-SCI 2-EDI 2-CAR 2-STO-SE 3(RI)-EH C3; H226-H301-H312-H315-H319-H330-H335-H351-H412,- |

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|          |          |           |  |       |   |
|----------|----------|-----------|--|-------|---|
| Diacetyl | 431-03-8 | 207-069-8 |  | 0.20% | FL 2-ATO 4-ATI 3-SCI<br>2-EDI 1-SS 1-STO-RE<br>2;H225-H302-H315-<br>H317-H318-H331-<br>H373,- |
| Coumarin | 91-64-5  | 202-086-7 |  | 0.10% | ATO 4-SS 1B;H302-<br>H317,-   |

**Substances with Community workplace exposure limits:**

| Name     | CAS     | EC        | %     |
|----------|---------|-----------|-------|
| Furfural | 98-01-1 | 202-627-7 | 1.10% |

**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 SWALLOWED: call a POISON CENTER or doctor/physician if you feel unwell.

IF exposed or concerned: Get medical advice/attention.

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

Harmful if swallowed.

Suspected of causing cancer (exposure route).

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

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### 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:

Use personal protective equipment as required.  
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):

Fragrance Oil (Mixture for further formulation.): 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 |
|------------|---------|-----------|--|-------|
| Furfural   | 98-01-1 | 202-627-7 | Long-term exposure limit (8-hour TWA) (mg/m <sup>3</sup> ) | 8     |
|            |         |           | Long-term exposure limit (8-hour TWA) (ppm)                | 2     |
|            |         |           | Short-term exposure limit (15-minute) (mg/m <sup>3</sup> ) | 20    |
|            |         |           | Short-term exposure limit (15-minute) (ppm)                | 5     |

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### 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

|  |  |
|--|--|
| <b>Appearance:</b>                                   | Liquid<br>Colour: Light Brown                |
| <b>Odour:</b>  | Not determined                               |
| <b>Odour threshold:</b>                              | Not determined                               |
| <b>pH:</b>   | Not determined                               |
| <b>Melting point / freezing point:</b>               | Not determined                               |
| <b>Initial boiling point / range:</b>                | Not determined                               |
| <b>Flash point:</b>                                  | 148 °C                                       |
| <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>                              | Not determined                               |
| <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                                 |

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**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>                    | Acute Toxicity - Oral Category 4                                 |
| Acute Toxicity Oral                       | 1654   |
| Acute Toxicity Dermal                     | 4751   |
| Acute Toxicity Inhalation                 | Not Available  |
| <b>Skin corrosion/irritation:</b>         | Based on available data the classification criteria are not met. |
| <b>Serious eye damage/irritation:</b>     | Based on available data the classification criteria are not met. |
| <b>Respiratory or skin sensitisation:</b> | Based on available data the classification criteria are not met. |
| <b>Germ cell mutagenicity:</b>            | Based on available data the classification criteria are not met. |
| <b>Carcinogenicity:</b>                   | Carcinogenicity Category 2                                       |
| <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**

| Ingredient      | CAS      | EC        | LD50/ATE Oral | LD50/ATE Dermal | LC50/ATE Inhalation | LC50 Route    |
|-----------------|----------|-----------|---------------|-----------------|---------------------|---------------|
| Benzyl benzoate | 120-51-4 | 204-402-9 | 1900          | 4000            | Not available       | Not available |

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|----------|----------|-----------|------|---------------|---------------|---------------|
| Diacetyl | 431-03-8 | 207-069-8 | 1580 | Not available | 3             | Not available |
| Furfural | 98-01-1  | 202-627-7 | 65   | 1100          | 1             | Vapour        |
| Vanillin | 121-33-5 | 204-465-2 | 1580 | 5010.01       | Not available | Not available |

Refer to Sections 2 and 3 for additional information.

### Section 12. Ecological information

**12.1 Toxicity:**

Very toxic to aquatic life.

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.  
(Benzyl benzoate)

**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

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### 15.2 Chemical Safety Assessment

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

### Section 16. Other information

**Concentration % Limits:** EH A1=31.17% EH C2=31.17% EH C3=3.11% EH C4=30.75% CAR 2=90.91%

**Total Fractional Values:** EH A1=3.21 EH C2=3.21 EH C3=32.12 EH C4=3.25 CAR 2=1.10

**Key to revisions:**

Not applicable

**Key to abbreviations:**

| Abbreviation | Meaning  |
|--------------|--|
| ATD 4        | Acute Toxicity - Dermal Category 4   |
| ATI 2        | Acute Toxicity - Inhalation Category 2   |
| ATI 3        | Acute Toxicity - Inhalation Category 3   |
| ATO 3        | Acute Toxicity - Oral Category 3   |
| ATO 4        | Acute Toxicity - Oral Category 4   |
| CAR 2        | Carcinogenicity Category 2   |
| 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 C2        | Hazardous to the Aquatic Environment - Long-term Hazard Category 2                           |
| EH C3        | Hazardous to the Aquatic Environment - Long-term Hazard Category 3                           |
| FL 2         | Flammable Liquid, Hazard Category 2  |
| FL 3         | Flammable Liquid, Hazard Category 3  |
| H225         | Highly flammable liquid and vapour.  |
| H226         | Flammable liquid and vapour.   |
| H301         | Toxic if swallowed.  |
| H302         | Harmful if swallowed.  |
| H312         | Harmful 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.   |
| H330         | Fatal if inhaled.  |
| H331         | Toxic if inhaled.  |
| H335         | May cause respiratory irritation.  |
| H351         | Suspected of causing cancer (exposure route).  |
| H373         | May cause damage to organs (organs) through prolonged or repeated exposure (exposure route). |
| H400         | Very toxic to aquatic life.  |
| H411         | Toxic to aquatic life with long lasting effects.   |



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|--------------|--|
| 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.  |
| P280         | Wear protective gloves/eye protection/face protection.   |
| P284         | Wear respiratory 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.  |
| P330         | Rinse mouth.   |
| 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.  |
| 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.  |
| P403/233/235 | Store in a well-ventilated place. Keep container tightly closed. Keep cool.  |
| 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.                                   |
| 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  |

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| STO-SE 3(RI) | Specific Target Organ Toxicity (Single Exposure) Category 3 |
|--------------|---|

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.