

## SAFETY DATA SHEET

CLP: REACH Regulation (EU) 2020/878  
Version 7 Revised 21/12/2022 10:11:54

Printed on 21 Dec 2022

### Section 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1 Product Identifier

Product Name FESTIVE FIR FRAGRANCE

Alternative Name

REACH Registration Number Not registered

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

Concentrated material for manufacturing purposes only

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

Randall's Candles  
Unit 14-16 Campbell's Meadow  
Business Park  
Kings Lynn  
Norfolk  
PE30 4YR

Telephone Number 01945 880247

Email Address conatct@randallscandles.co.uk

#### 1.4 Emergency Telephone Number

07951140648

### Section 2: Hazard Identification

#### 2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

Skin. Irrit. 2;H315

Skin Sens. 1A;H317

Aquatic Chronic 2;H411

Refer to section 16 for the wording of listed classification and hazard statement codes

#### 2.2 Label elements

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CLP: Labelling according to Regulation (EC) No 1272/2008

Hazard Pictograms



Signal Word      Warning

Hazard Statements

|      |   |
|------|---|
| H315 | Causes skin irritation                          |
| H317 | May cause an allergic skin reaction             |
| H411 | Toxic to aquatic life with long lasting effects |

Precautionary Statements

|           |  |
|-----------|--|
| P273      | Avoid release to the environment.  |
| P280      | Wear protective gloves and eye protection  |
| P302+P352 | IF ON SKIN: Wash with plenty of water.   |
| P333+P313 | If skin irritation or rash occurs: Get medical advice.   |
| P501      | Dispose of contents/container to approved disposal site, in accordance with local regulations. |

### 2.3 Other Hazards

Contains Cinnamal and Limonene which may produce an allergic reaction

This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

No further information available at this time

### Section 3: Composition / information on ingredients

Any percentage values listed here for hazardous components are for illustrative purposes only

#### 3.2 Mixtures

Complex mixture of fragrance ingredients

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### Hazardous components

| ID Numbers                                  | Chemical Name, Classification and Hazards   | Conc. (%)   | SCL /<br>ATE /<br>M-Factor                               |
|---|---|-------------|--|
| CAS 125-12-2<br>EINECS 204-727-6<br>REACH   | Isobornyl acetate<br>Aquatic Chronic 2;H411   | >=25%       |  |
| CAS 115-95-7<br>EINECS 204-116-4<br>REACH   | Linalyl acetate<br>Skin. Irrit. 2;H315, Eye Irrit. 2;H319   | >=1%, <3%   |  |
| CAS 76-22-2<br>EINECS 200-945-0<br>REACH    | Bornan-2-one (Camphor) (1,7,7-Trimethyl-bicyclo-heptan-2-one)<br>L(XnR68)=10% (OEL 12.0 mg/m3)<br>Flam. Sol. 2;H228, Acute Tox. 4;H302, Acute Tox. 4;H332, STOT SE 2;H371 | >=1%, <3%   | LD50(oral):<br>1500 mg/kg,<br>LC50(Inhalation): 1.5 mg/l |
| CAS 54464-57-2<br>EINECS 259-174-3<br>REACH | Iso E super (Octahydro-2,3,8,8-tetramethyl-2-acetonaphthone)<br>Skin. Irrit. 2;H315, Skin Sens. 1;H317, Aquatic Chronic 2;H411  | >=1%, <3%   |  |
| CAS 112-31-2<br>EINECS 203-957-4<br>REACH   | Aldehyde C-10 (Decanal)<br>Eye Irrit. 2;H319  | >=1%, <3%   |  |
| CAS 110-41-8<br>EINECS 203-765-0<br>REACH   | Aldehyde C-12 MNA (2-Methyl undecanal)<br>Skin. Irrit. 2;H315, Skin Sens. 1B;H317, Aquatic Acute 1;H400, Aquatic Chronic 1;H410   | >=1%, <3%   |  |
| CAS 1074-95-9<br>EINECS 214-049-2<br>REACH  | d,l-Menthone<br>Skin. Irrit. 2;H315, Skin Sens. 1B;H317   | >=1%, <3%   |  |
| CAS 89-78-1<br>EINECS 201-939-0<br>REACH    | Menthol<br>Skin. Irrit. 2;H315, Eye Irrit. 2;H319   | >=1%, <3%   |  |
| CAS 470-82-6<br>EINECS 207-431-5<br>REACH   | Cineols (Eucalyptol)<br>Flam. Liq. 3;H226   | 2.1680      |  |
| CAS 104-55-2<br>EINECS 203-213-9<br>REACH   | Cinnamic aldehyde (3-Phenyl-2-propenal) (Cinnamaldehyde)<br>Acute Tox. 4;H312, Skin. Irrit. 2;H315, Skin Sens. 1A;H317, Eye Irrit. 2;H319                                 | >=0.1%, <1% | LD50(dermal): 1100 mg/kg                                 |
| CAS 79-92-5<br>EINECS 201-234-8<br>REACH    | Camphene (2,2-Dimethyl-3-methylenebicyclo[2.2.1]heptane)<br>Flam. Sol. 2;H228, Eye Irrit. 2;H319, Aquatic Acute 1;H400, Aquatic Chronic 1;H410                            | >=0.1%, <1% |  |
| CAS 80-56-8<br>EINECS 201-291-9<br>REACH    | Pinenes<br>Flam. Liq. 3;H226, Asp. Tox. 1;H304, Skin. Irrit. 2;H315, Skin Sens. 1B;H317   | >=0.1%, <1% |  |

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|  |  |             |  |
|--|--|-------------|--|
| CAS 5989-27-5<br>EINECS 227-813-5<br>REACH | d-Limonene (p-Mentha-1,8-diene)<br><br>Flam. Liq. 3;H226,Asp. Tox. 1;H304,Skin. Irrit. 2;H315,Skin Sens. 1B;H317,Aquatic Acute 1;H400,Aquatic Chronic 1;H410 | >=0.1%, <1% |  |
| CAS 99-85-4<br>EINECS 202-794-6<br>REACH   | gamma-Terpinene (p-Mentha-1,4-diene)<br><br>Flam. Liq. 3;H226,Asp. Tox. 1;H304   | 0.0813      |  |
| CAS 99-87-6<br>EINECS 202-796-7<br>REACH   | para-Cymene<br><br>Flam. Liq. 3;H226,Asp. Tox. 1;H304,Aquatic Acute 2;H401,Aquatic Chronic 2;H411  | 0.0271      |  |
| CAS 123-35-3<br>EINECS 204-622-5<br>REACH  | beta-Myrcene<br><br>Flam. Liq. 3;H226,Asp. Tox. 1;H304,Skin. Irrit. 2;H315,Eye Irrit. 2;H319   | 0.0050      |  |

Refer to section 16 for the wording of listed classification and hazard statement codes

### Section 4: First Aid measures

Take phrases in section 2 into account

#### 4.1 Description of first aid measures

After inhalation

Remove from the exposure area to fresh air. Contact a doctor if necessary.

After skin contact

Remove contaminated clothing. Wash thoroughly with soap and water. Seek medical advice if irritation persists or there is any sign of tissue damage.

After eye contact

Flush with plenty of water and seek medical advice if necessary.

After ingestion

Wash mouth with plenty of water and obtain medical advice immediately.

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

No further information available at this time

#### 4.3 Indication of immediate medical attention and special treatment needed

No further information available at this time

### Section 5: Fire-fighting measures

#### 5.1 Extinguishing Media

Carbon dioxide, foam or dry powder.  
DO NOT USE A DIRECT WATER JET.

#### 5.2 Special hazards arising from the substance or mixture

May produce Carbon dioxide and unidentified organic compounds.

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### 5.3 Advice for fire-fighters

Wear protective clothing and avoid inhalation of vapours. Keep containers cool with water spray

### Section 6: Accidental release measures

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

Remove all sources of ignition.  
Avoid inhalation, skin and eye contact.  
Ensure proper ventilation.

#### 6.2 Environmental precautions

Do not discharge directly into drains or the soil. Keep away from surface and ground water

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

Soak up spillage with sand or other inert absorbant material such as earth or vermiculite; transfer used material to a suitable waste container and dispose in accordance with regulations.

#### 6.4 Reference to other sections

Refer to information in Sections 7, 8 and 13

### Section 7: Handling and storage

#### 7.1 Precautions for safe handling

Maintain good occupational and personal hygiene. Avoid inhalation and contact with skin and eyes.

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

Store in tightly sealed original containers away from ignition sources and in a cool place.

#### 7.3 Specific end uses

No further information available

### Section 8: Exposure controls / personal protection

#### 8.1 Control Parameters

Occupational exposure limits:

UK / WEL

(Workplace exposure limits, EH40/2005, 2020)

| CAS | Long-term<br>(8hr TWA)<br>mg/m <sup>3</sup> | Long-term<br>(8hr TWA)<br>ppm | Short-term<br>(15min)<br>mg/m <sup>3</sup> | Short-term<br>(15min)<br>ppm | Notes |
|-----|---|-------------------------------|--|------------------------------|-------|
|     |   |                               |  |                              |       |

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|         |  |   |  |    |  |
|---------|--|---|--|----|--|
| 84-66-2 |  | 5 |  | 10 |  |
|---------|--|---|--|----|--|

No information

### 8.2 Exposure controls

Engineering controls

No information

Individual protection measures

Refer to Section 5 for specific fire / chemical personal protective equipment advice.  
Always wash routinely before breaks, meals and at the end of the work period.

Eye / face protection

Wear safety goggles.

Hand protection

Wear chemically resistant disposable gloves.

Other skin protection

Wear overalls. Always wash routinely before breaks, meals and at the end of the work period.

Respiratory protection

Not generally required. Use inhalation protection in poorly ventilated areas

Thermal hazards

No information

Environmental exposure controls

No information

### Section 9: Physical and chemical properties

#### 9.1 Information on basic physical and chemical properties

Flash Point (°C) Above 61

Physical state Liquid

#### 9.2 Other information

Information with regard to physical hazard classes

No further information available

Other safety characteristics

No further information available

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### Section 10: Stability and reactivity

#### 10.1 Reactivity

Not determined

#### 10.2 Chemical Stability

Not determined

#### 10.3 Possibility of hazardous reactions

Not determined

#### 10.4 Conditions to avoid

Extreme temperatures

#### 10.5 Incompatible materials

Highly reactive chemicals which may produce unknown reaction products and so cause additional hazards.

#### 10.6 Hazardous decomposition products

Not determined

### Section 11: Toxicological information

#### 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

##### Acute toxicity

Aldehyde C-8 (Octanal) (Caprylaldehyde)  
CAS: 124-13-0

LD50(oral): Not applicable LD50(dermal): Not applicable  
LC50(inhalation): Not applicable

Aldehyde C-10 (Decanal) CAS: 112-31-2

LD50(oral): Not applicable LD50(dermal): Not applicable  
LC50(inhalation): Not applicable

Aldehyde C-12 MNA (2-Methyl undecanal)  
CAS: 110-41-8

LD50(oral): Not applicable LD50(dermal): Not applicable  
LC50(inhalation): Not applicable

Bornan-2-one (Camphor)  
(1,7,7-Trimethyl-bicyclo-heptan-2-one)  
L(XnR68)=10% (OEL 12.0 mg/m<sup>3</sup>) CAS:  
76-22-2

LD50(oral): 1500 mg/kg LD50(dermal): Not applicable  
LC50(inhalation): 1.5 mg/l

2-sec.-Butyl cyclohexanone CAS:  
14765-30-1

LD50(oral): Not applicable LD50(dermal): Not applicable  
LC50(inhalation): Not applicable

Camphene  
(2,2-Dimethyl-3-methylenebicyclo[2.2.1]heptane) CAS: 79-92-5

LD50(oral): Not applicable LD50(dermal): Not applicable  
LC50(inhalation): Not applicable

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|  |  |
|--|--|
| Cedramber (Cedryl methyl ether) CAS: 19870-74-7                              | LD50(oral): Not applicable LD50(dermal): Not applicable LC50(inhalation): Not applicable |
| Cinnamic aldehyde (3-Phenyl-2-propenal) (Cinnamaldehyde) CAS: 104-55-2       | LD50(oral): Not applicable LD50(dermal): 1100 mg/kg LC50(inhalation): Not applicable     |
| Diethyl phthalate (DEP) CAS: 84-66-2   | LD50(oral): Not applicable LD50(dermal): Not applicable LC50(inhalation): Not applicable |
| Fenchyl alcohol CAS: 1632-73-1   | LD50(oral): Not applicable LD50(dermal): Not applicable LC50(inhalation): Not applicable |
| Isobornyl acetate CAS: 125-12-2  | LD50(oral): Not applicable LD50(dermal): Not applicable LC50(inhalation): Not applicable |
| Iso E super (Octahydro-2,3,8,8-tetramethyl-2-acetonaphthone) CAS: 54464-57-2 | LD50(oral): Not applicable LD50(dermal): Not applicable LC50(inhalation): Not applicable |
| Linalyl acetate CAS: 115-95-7  | LD50(oral): Not applicable LD50(dermal): Not applicable LC50(inhalation): Not applicable |
| Menthol CAS: 89-78-1   | LD50(oral): Not applicable LD50(dermal): Not applicable LC50(inhalation): Not applicable |
| d,l-Menthone CAS: 1074-95-9  | LD50(oral): Not applicable LD50(dermal): Not applicable LC50(inhalation): Not applicable |
| Menthyl acetate (isomer unspecified) CAS: 16409-45-3                         | LD50(oral): Not applicable LD50(dermal): Not applicable LC50(inhalation): Not applicable |
| alpha-Pinene (2,6,6-Trimethyl-bicyclo-[3.1.1]-hept-2-ene) CAS: 80-56-8       | LD50(oral): Not applicable LD50(dermal): Not applicable LC50(inhalation): Not applicable |
| alpha-Terpineol (para-Menth-1-en-8-ol) (Lindenol) CAS: 98-55-5               | LD50(oral): Not applicable LD50(dermal): Not applicable LC50(inhalation): Not applicable |
| Eucalyptus globulus oil CAS: 8000-48-4                                       | LD50(oral): Not applicable LD50(dermal): Not applicable LC50(inhalation): Not applicable |
| Orange terpenes (sweet) CAS: 68647-72-3                                      | LD50(oral): Not applicable LD50(dermal): Not applicable LC50(inhalation): Not applicable |

Skin corrosion / irritation  
No data

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Serious eye damage / irritation

No data

Respiratory or skin sensitisation

No data

Germ cell mutagenicity

No data

Carcinogenicity

No data

Reproductive toxicity

No data

Specific Target Organ - single exposure

No data

Specific Target Organ - repeated exposure

No data

Aspiration hazard

No data

Information on likely routes of exposure

No data

Symptoms related to the physical, chemical and toxicological characteristics

No data

Delayed and immediate effects as well as chronic effects from short and long-term exposure

No data

Interactive effects

No data

### 11.2 Information on other hazards

Endocrine disrupting properties

No data

Other information

No data

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### Section 12: Ecological information

#### 12.1 Toxicity

#### 12.2 Persistence and degradability

No data

#### 12.3 Bioaccumulative potential

No data

#### 12.4 Mobility in soil

No data

#### 12.5 Results of PBT and vPvB assessment

This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

#### 12.6 Endocrine disrupting properties

No data

#### 12.7 Other adverse effects

No data available

#### 12.8 Additional information

No data

### Section 13: Disposal considerations

Please refer to the information in section 8 (Exposure controls and personal protection)

#### 13.1 Waste treatment methods

Dispose in accordance with the law and local regulations. Treat as trade effluent.

### Section 14: Transport information

#### 14.1 UN number or ID number

3082

#### 14.2 UN proper shipping name

ENVIRONMENTALLY HAZARDOUS  
SUBSTANCE, LIQUID, N.O.S. (CONTAINS  
EUCALYPTUS GLOBULUS OIL)

#### 14.3 Transport hazard class(es)

9

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14.4 Packing group III  
Tunnel Code (E)

14.5 Environmental Hazards  
No relevant information available

14.6 Special precautions for user  
No relevant information available

14.7 Maritime transport in bulk according to IMO instruments  
Not applicable

### Section 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture  
No relevant information available at this time

15.2 Chemical safety assessment  
A chemical safety assessment has not been carried out

### Section 16: Other information

#### Full list of precautionary phrases

|           |  |
|-----------|--|
| P273      | Avoid release to the environment.  |
| P280      | Wear protective gloves and eye protection  |
| P302+P352 | IF ON SKIN: Wash with plenty of water.   |
| P333+P313 | If skin irritation or rash occurs: Get medical advice.   |
| P501      | Dispose of contents/container to approved disposal site, in accordance with local regulations. |

#### Wording of any hazard classes listed in section 3

|       |                                       |
|-------|---------------------------------------|
| FL 3  | Flammable liquid, category 3          |
| FS 2  | Flammable solid, category 2           |
| ATO 4 | Acute toxicity, oral, category 4      |
| AH 1  | Aspiration hazard, category 1         |
| ATD 4 | Acute toxicity, dermal, category 4    |
| SCI 2 | Skin corrosion/irritation, category 2 |
| SS 1  | Skin sensitisation, category 1        |

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|          |  |
|----------|--|
| SS 1A    | Skin sensitisation, category 1A                    |
| SS 1B    | Skin sensitisation, category 1B                    |
| ED1 2    | Eye damage/irritation, category 2                  |
| ATI 4    | Acute toxicity, inhalation, category 4             |
| STO-SE 2 | Specific target organ, single exposure, category 2 |
| EH A1    | Aquatic hazard, acute, category 1                  |
| EH A2    | Aquatic hazard, acute, category 2                  |
| EH C1    | Aquatic hazard, chronic, category 1                |
| EH C2    | Aquatic hazard, chronic, category 2                |

Wording of any hazard statements listed in section 3

|      |  |
|------|--|
| H226 | Flammable liquid and vapour                          |
| H228 | Flammable solid                                      |
| 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                        |
| H332 | Harmful if inhaled                                   |
| H371 | May cause damage to organs                           |
| H400 | Very toxic to aquatic life                           |
| H401 | Toxic to aquatic life                                |
| H410 | Very toxic to aquatic life with long lasting effects |
| H411 | Toxic to aquatic life with long lasting effects      |

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