



# SAFETY DATA SHEET

Issue Date 16-Oct-2019

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Version 1

## Section 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

### 1.1. Product identifier

Trade name / designation MIDSUMMERS NIGHT Wax Cube  
Product Code 1676083E  
Product Name WM-SGL MIDSUM NT YCE

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

Recommended Use Consumer use  
Uses advised against No information available

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

#### Supplier

Yankee Candle Company Europe Ltd.  
Cabot Park, Poplar Way East, Avonmouth  
Bristol, BS11 0YH, UK  
Tel: +44(0) 117 316 1200

For further information, please contact

E-mail address SDSinfo@yankeecandle.com

### 1.4. Emergency telephone number

Emergency Telephone - §45 - (EC)1272/2008

Europe 008 008 658 8466

## Section 2: HAZARDS IDENTIFICATION

### 2.1. Classification of the substance or mixture

Regulation (EC) No 1272/2008

Skin sensitization Category 1 - (H317)

### 2.2. Label elements



Contains Benzyl salicylate

#### Warning

May cause an allergic skin reaction

Contains Linalyl acetate, Linalool, Limonene, Benzoic acid, 2,4-dihydroxy-3,6-dimethyl-, methyl ester May produce an allergic reaction

**2.3. Other hazards**

Contact with product at elevated temperatures can result in thermal burns

**Section 3: COMPOSITION/INFORMATION ON INGREDIENTS****3.2**

| Chemical Name                                           | EC No     | CAS No     | Weight-%     | Classification according to Regulation (EC) No. 1272/2008 [CLP]                                                                                                        |
|---------------------------------------------------------|-----------|------------|--------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Paraffin waxes and Hydrocarbon waxes                    | 232-315-6 | 8002-74-2  | >=50%        | No data available                                                                                                                                                      |
| Benzyl salicylate                                       | 204-262-9 | 118-58-1   | >=3 <5%      | Skin Sens. 1B (H317)<br>Eye Irrit. 2 (H319)<br>Aquatic Chronic 3 (H412)                                                                                                |
| 2,6-DIMETHYL-7-OCTEN-2-OL                               | 242-362-4 | 18479-58-8 | >=1 <3%      | Flam. Liq. 4 (H227)<br>Acute Tox. 5 (H303)<br>Skin Irrit. 2 (H315)<br>Eye Irrit. 2A (H319)<br>Aquatic Acute 3 (H402)                                                   |
| Linalyl acetate                                         | 204-116-4 | 115-95-7   | >=0.1 <1%    | Skin Irrit. 2 (H315)<br>Skin Sens. 1B (H317)                                                                                                                           |
| Bicyclo[2.2.1]heptan-2-one, 1,7,7-trimethyl-            | 200-945-0 | 76-22-2    | >=0.1 <1%    | Flam. Sol. 2 (H228)<br>Acute Tox. 4 (H302)<br>Acute Tox. 4 (H332)<br>STOT SE 2 (H371)<br>Aquatic Acute 3 (H402)                                                        |
| Benzoic acid, 2,4-dihydroxy-3,6-dimethyl-, methyl ester | 225-193-0 | 4707-47-5  | >=0.1 <1%    | Skin Sens. 1B (H317)                                                                                                                                                   |
| Benzene, 1-methyl-4-(1-methylethyl)-                    | 202-796-7 | 99-87-6    | >=0.1 <1%    | Not classified                                                                                                                                                         |
| Acetic acid, phenylmethyl ester                         | 205-399-7 | 140-11-4   | >=0.1 <1%    | Aquatic Chronic 3 (H412)                                                                                                                                               |
| Acetic acid, 2-(cyclohexyloxy)-, 2-propen-1-yl ester    | 272-657-3 | 68901-15-5 | >=0.1 <1%    | Acute Tox. 4 (H302)<br>Aquatic Acute 1 (H400)<br>Aquatic Chronic 1 (H410)                                                                                              |
| Linalool                                                | 201-134-4 | 78-70-6    | >=0.1 <1%    | Skin Irrit. 2 (H315)<br>Skin Sens. 1B (H317)<br>Eye Irrit. 2 (H319)                                                                                                    |
| Limonene                                                | 227-813-5 | 5989-27-5  | >=0.1 <1%    | Flam. Liq. 3 (H226)<br>Asp. Tox. 1 (H304)<br>Skin Irrit. 2 (H315)<br>Skin Sens. 1B (H317)<br>Aquatic Acute 1 (H400)<br>Aquatic Chronic 1 (H410)                        |
| Propanol, oxybis-                                       | 246-770-3 | 25265-71-8 | >=0.01 <0.1% | Not Classified                                                                                                                                                         |
| Cyclohexene, 1-methyl-4-(1-methylethylidene)-           | 209-578-0 | 586-62-9   | >=0.01 <0.1% | Flam. Liq. 4 (H227)<br>Acute Tox. 5 (H303)<br>Asp. Tox. 1 (H304)<br>Skin Irrit. 3 (H316)<br>Skin Sens. 1B (H317)<br>Aquatic Acute 1 (H400)<br>Aquatic Chronic 1 (H410) |
| Citral                                                  | 226-394-6 | 5392-40-5  | >=0.01 <0.1% | Skin Irrit. 2 (H315)<br>Skin Sens. 1 (H317)<br>Eye Irrit. 2 (H319)                                                                                                     |
| 1,4-Cyclohexadiene, 1-methyl-4-(1-methylethyl)-         | 202-794-6 | 99-85-4    | >=0.01 <0.1% | Flam. Liq. 3 (H226)<br>Acute Tox. 5 (H303)<br>Asp. Tox. 1 (H304)<br>Skin Irrit. 3 (H316)                                                                               |
| Phenol, 2,6-bis(1,1-dimethylethyl)-4-methyl-            | 204-881-4 | 128-37-0   | <0.01%       | Aquatic Acute 1 (H400)<br>Aquatic Chronic 1 (H410)                                                                                                                     |
| alpha-Pinenes                                           | 201-291-9 | 80-56-8    | <0.01%       | Flam. Liq. 3 (H226)<br>Acute Tox. 4 (H302)                                                                                                                             |

|                                                     |           |            |        |                                                                                                                          |
|-----------------------------------------------------|-----------|------------|--------|--------------------------------------------------------------------------------------------------------------------------|
|                                                     |           |            |        | Asp. Tox. 1 (H304)<br>Skin Irrit. 2 (H315)<br>Skin Sens. 1B (H317)<br>Aquatic Acute 1 (H400)<br>Aquatic Chronic 1 (H410) |
| Bicyclo[2.2.1]heptane,<br>2,2-dimethyl-3-methylene- | 201-234-8 | 79-92-5    | <0.01% | Flam. Sol. 2 (H228)<br>Eye Irrit. 2 (H319)<br>Aquatic Acute 1 (H400)<br>Aquatic Chronic 1 (H410)                         |
| 3-Heptanone, 5-methyl-                              | 208-793-7 | 541-85-5   | <0.01% | Flam. Liq. 3 (H226)<br>Skin Irrit. 2 (H315)<br>Eye Irrit. 2 (H319)<br>Acute Tox. 4 (H332)<br>STOT SE 3 (H335)            |
| 1-Octanol                                           | 203-917-6 | 111-87-5   | <0.01% | Flam. Liq. 4 (H227)<br>Skin Irrit. 3 (H316)<br>Eye Irrit. 2A (H319)<br>Aquatic Acute 3 (H402)                            |
| 1-Hexanol                                           | 203-852-3 | 111-27-3   | <0.01% | Flam. Liq. 3 (H226)<br>Acute Tox. 4 (H302)<br>Acute Tox. 4 (H312)<br>Eye Irrit. 2 (H319)                                 |
| 1,3,6-Octatriene,<br>3,7-dimethyl-                  | 237-641-2 | 13877-91-3 | <0.01% | Flam. Liq. 3 (H226)<br>Asp. Tox. 1 (H304)<br>Skin Irrit. 2 (H315)<br>Aquatic Acute 1 (H400)<br>Aquatic Chronic 2 (H411)  |

Full text of H- and EUH-phrases: see section 16

## Section 4: FIRST AID MEASURES

### 4.1. Description of first aid measures

|                                           |                                                                                                                                                                       |
|-------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>General advice</b>                     | In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).                                        |
| <b>Inhalation</b>                         | Remove to fresh air. If symptoms persist, call a physician.                                                                                                           |
| <b>Skin Contact</b>                       | Wash off immediately with plenty of water for at least 15 minutes. If skin irritation persists, call a physician. Wash off immediately with soap and plenty of water. |
| <b>Eye contact</b>                        | Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If symptoms persist, call a physician.                                       |
| <b>Ingestion</b>                          | Do NOT induce vomiting. Drink plenty of water. Immediate medical attention is not required. Rinse mouth.                                                              |
| <b>Self-protection of the first aider</b> | Use personal protective equipment as required.                                                                                                                        |

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

|                 |             |
|-----------------|-------------|
| <b>Symptoms</b> | None known. |
|-----------------|-------------|

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

|                           |                                                 |
|---------------------------|-------------------------------------------------|
| <b>Note to physicians</b> | May cause sensitization of susceptible persons. |
|---------------------------|-------------------------------------------------|

## Section 5: FIRE FIGHTING MEASURES

### 5.1. Extinguishing media

Suitable extinguishing media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

#### Unsuitable extinguishing media

No information available

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

In the event of fire and/or explosion do not breathe fumes May cause sensitization by inhalation and skin contact Thermal decomposition can lead to release of irritating and toxic gases and vapors

#### 5.3. Advice for firefighters

Wear self-contained breathing apparatus and protective suit. Use personal protective equipment as required.

### Section 6: ACCIDENTAL RELEASE MEASURES

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

##### Personal precautions

Use personal protective equipment as required. Avoid contact with eyes and skin.

##### For emergency responders

Use personal protection recommended in Section 8.

#### 6.2. Environmental precautions

Prevent entry into waterways, sewers, basements or confined areas. Do not flush into surface water or sanitary sewer system.

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

##### Methods for containment

Prevent further leakage or spillage if safe to do so.

##### Methods for cleaning up

Soak up with inert absorbent material. Pick up and transfer to properly labeled containers. After cleaning, flush away traces with water. Prevent product from entering drains.

#### 6.4. Reference to other sections

See Section 12: ECOLOGICAL INFORMATION.

### Section 7: HANDLING AND STORAGE

#### 7.1. Precautions for safe handling

Ensure adequate ventilation, especially in confined areas. Use personal protective equipment as required.

When using do not eat, drink or smoke. Wash contaminated clothing before reuse.

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

Keep out of the reach of children. Keep container tightly closed. Keep containers tightly closed in a cool, well-ventilated place.

#### 7.3. Specific end use(s)

To avoid risks to human health and the environment, comply with the instructions for use.

### Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

#### 8.1. Control parameters

| Chemical Name                        | European Union | United Kingdom                                        | France                   | Spain                    | Germany |
|--------------------------------------|----------------|-------------------------------------------------------|--------------------------|--------------------------|---------|
| Paraffin waxes and Hydrocarbon waxes |                | STEL: 6 mg/m <sup>3</sup><br>TWA: 2 mg/m <sup>3</sup> | TWA: 2 mg/m <sup>3</sup> | TWA: 2 mg/m <sup>3</sup> |         |

|                                                                 |                                                                                     |                                                                                         |                                                                                           |                                                                                            |                                                                                                                       |
|-----------------------------------------------------------------|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|
| 8002-74-2                                                       |                                                                                     |                                                                                         |                                                                                           |                                                                                            |                                                                                                                       |
| Bicyclo[2.2.1]heptan-2-one,<br>1,7,7-trimethyl-<br>76-22-2      |                                                                                     | STEL: 3 ppm<br>STEL: 19 mg/m <sup>3</sup><br>TWA: 2 ppm<br>TWA: 13 mg/m <sup>3</sup>    | TWA: 2 ppm<br>TWA: 12 mg/m <sup>3</sup>                                                   | STEL: 3 ppm<br>STEL: 19 mg/m <sup>3</sup><br>TWA: 2 ppm<br>TWA: 13 mg/m <sup>3</sup>       |                                                                                                                       |
| Benzene,<br>1-methyl-4-(1-methylethyl)-<br>99-87-6              |                                                                                     |                                                                                         | TWA: 150 mg/m <sup>3</sup><br>TWA: 1000 mg/m <sup>3</sup><br>STEL: 1500 mg/m <sup>3</sup> |                                                                                            |                                                                                                                       |
| Acetic acid, phenylmethyl<br>ester<br>140-11-4                  |                                                                                     |                                                                                         |                                                                                           | TWA: 10 ppm<br>TWA: 62 mg/m <sup>3</sup>                                                   |                                                                                                                       |
| (R)-p-mentha-1,8-diene<br>5989-27-5                             |                                                                                     |                                                                                         | TWA: 1000 mg/m <sup>3</sup><br>STEL: 1500 mg/m <sup>3</sup>                               |                                                                                            | TWA: 5 ppm<br>TWA: 28 mg/m <sup>3</sup><br>Ceiling / Peak: 20 ppm<br>Ceiling / Peak: 112<br>mg/m <sup>3</sup><br>Skin |
| Propanol, oxybis-<br>25265-71-8                                 |                                                                                     |                                                                                         |                                                                                           |                                                                                            | TWA: 100 mg/m <sup>3</sup><br>Ceiling / Peak: 200<br>mg/m <sup>3</sup>                                                |
| Cyclohexene,<br>1-methyl-4-(1-methylethylidene)-<br>586-62-9    |                                                                                     |                                                                                         | TWA: 1000 mg/m <sup>3</sup><br>STEL: 1500 mg/m <sup>3</sup>                               |                                                                                            |                                                                                                                       |
| 2,6-Octadienal, 3,7-dimethyl-<br>5392-40-5                      |                                                                                     |                                                                                         |                                                                                           | S*<br>TWA: 5 ppm                                                                           |                                                                                                                       |
| 1,4-Cyclohexadiene,<br>1-methyl-4-(1-methylethyl)-<br>99-85-4   |                                                                                     |                                                                                         | TWA: 1000 mg/m <sup>3</sup><br>STEL: 1500 mg/m <sup>3</sup>                               |                                                                                            |                                                                                                                       |
| Phenol,<br>2,6-bis(1,1-dimethylethyl)-4-<br>methyl-<br>128-37-0 |                                                                                     | STEL: 30 mg/m <sup>3</sup><br>TWA: 10 mg/m <sup>3</sup>                                 | TWA: 10 mg/m <sup>3</sup>                                                                 | TWA: 10 mg/m <sup>3</sup>                                                                  | TWA: 10 mg/m <sup>3</sup><br>Ceiling / Peak: 40<br>mg/m <sup>3</sup><br>Skin                                          |
| Bicyclo[3.1.1]hept-2-ene,<br>2,6,6-trimethyl-<br>80-56-8        |                                                                                     |                                                                                         | TWA: 1000 mg/m <sup>3</sup><br>STEL: 1500 mg/m <sup>3</sup>                               | TWA: 20 ppm<br>TWA: 113 mg/m <sup>3</sup>                                                  |                                                                                                                       |
| Bicyclo[2.2.1]heptane,<br>2,2-dimethyl-3-methylene-<br>79-92-5  |                                                                                     |                                                                                         | TWA: 1000 mg/m <sup>3</sup><br>STEL: 1500 mg/m <sup>3</sup>                               |                                                                                            |                                                                                                                       |
| 3-Heptanone, 5-methyl-<br>541-85-5                              | TWA 10 ppm<br>TWA 53 mg/m <sup>3</sup><br>STEL 20 ppm<br>STEL 107 mg/m <sup>3</sup> | STEL: 20 ppm<br>STEL: 107 mg/m <sup>3</sup><br>TWA: 10 ppm<br>TWA: 53 mg/m <sup>3</sup> | TWA: 10 ppm<br>TWA: 53 mg/m <sup>3</sup><br>STEL: 20 ppm<br>STEL: 107 mg/m <sup>3</sup>   | STEL: 20 ppm<br>STEL: 107 mg/m <sup>3</sup><br>TWA: 10 ppm<br>TWA: 53 mg/m <sup>3</sup>    | TWA: 10 ppm<br>TWA: 53 mg/m <sup>3</sup><br>Ceiling / Peak: 20 ppm<br>Ceiling / Peak: 106<br>mg/m <sup>3</sup>        |
| 1-Octanol<br>111-87-5                                           |                                                                                     |                                                                                         |                                                                                           |                                                                                            | TWA: 20 ppm<br>TWA: 106 mg/m <sup>3</sup>                                                                             |
| 1-Hexanol<br>111-27-3                                           |                                                                                     |                                                                                         |                                                                                           |                                                                                            | TWA: 50 ppm<br>TWA: 210 mg/m <sup>3</sup>                                                                             |
| 1,3,6-Octatriene,<br>3,7-dimethyl-<br>13877-91-3                |                                                                                     |                                                                                         | TWA: 1000 mg/m <sup>3</sup><br>STEL: 1500 mg/m <sup>3</sup>                               |                                                                                            |                                                                                                                       |
| <b>Chemical Name</b>                                            | <b>Italy</b>                                                                        | <b>Portugal</b>                                                                         | <b>Netherlands</b>                                                                        | <b>Finland</b>                                                                             | <b>Denmark</b>                                                                                                        |
| Paraffin waxes and<br>Hydrocarbon waxes<br>8002-74-2            |                                                                                     | TWA: 2 mg/m <sup>3</sup>                                                                |                                                                                           | TWA: 1 mg/m <sup>3</sup>                                                                   | TWA: 2 mg/m <sup>3</sup>                                                                                              |
| Bicyclo[2.2.1]heptan-2-one,<br>1,7,7-trimethyl-<br>76-22-2      |                                                                                     | STEL: 3 ppm<br>TWA: 2 ppm                                                               |                                                                                           | TWA: 0.3 ppm<br>TWA: 1.9 mg/m <sup>3</sup><br>STEL: 0.9 ppm<br>STEL: 5.7 mg/m <sup>3</sup> | TWA: 2 ppm<br>TWA: 12 mg/m <sup>3</sup>                                                                               |
| Benzene,<br>1-methyl-4-(1-methylethyl)-<br>99-87-6              |                                                                                     |                                                                                         |                                                                                           |                                                                                            | TWA: 25 ppm<br>TWA: 135 mg/m <sup>3</sup>                                                                             |
| Acetic acid, phenylmethyl<br>ester<br>140-11-4                  |                                                                                     | TWA: 10 ppm                                                                             |                                                                                           |                                                                                            | TWA: 10 ppm<br>TWA: 61 mg/m <sup>3</sup>                                                                              |

|                                                                 |                                                                 |                                                                 |                                  |                                                                            |                                                                  |                                             |
|-----------------------------------------------------------------|-----------------------------------------------------------------|-----------------------------------------------------------------|----------------------------------|----------------------------------------------------------------------------|------------------------------------------------------------------|---------------------------------------------|
| (R)-p-mentha-1,8-diene<br>5989-27-5                             |                                                                 |                                                                 |                                  |                                                                            | TWA: 25 ppm<br>TWA: 140 mg/m³<br>STEL: 50 ppm<br>STEL: 280 mg/m³ |                                             |
| Phenol,<br>2,6-bis(1,1-dimethylethyl)-4-<br>methyl-<br>128-37-0 |                                                                 | TWA: 2 mg/m³                                                    |                                  |                                                                            | TWA: 10 mg/m³<br>STEL: 20 mg/m³                                  | TWA: 10 mg/m³                               |
| Bicyclo[3.1.1]hept-2-ene,<br>2,6,6-trimethyl-<br>80-56-8        |                                                                 | TWA: 20 ppm                                                     |                                  |                                                                            |                                                                  |                                             |
| 3-Heptanone, 5-methyl-<br>541-85-5                              | TWA: 10 ppm<br>TWA: 53 mg/m³<br>STEL: 20 ppm<br>STEL: 107 mg/m³ | STEL: 20 ppm<br>STEL: 107 mg/m³<br>TWA: 10 ppm<br>TWA: 53 mg/m³ | TWA: 133 mg/m³                   | TWA: 10 ppm<br>TWA: 53 mg/m³<br>STEL: 20 ppm<br>STEL: 110 mg/m³            | TWA: 10 ppm<br>TWA: 53 mg/m³                                     |                                             |
| Chemical Name                                                   | Austria                                                         | Switzerland                                                     | Poland                           | Norway                                                                     | Ireland                                                          | Czech Republic                              |
| Paraffin waxes and<br>Hydrocarbon waxes<br>8002-74-2            |                                                                 | TWA: 2 mg/m³                                                    | TWA: 2 mg/m³                     | TWA: 2 mg/m³<br>STEL: 4 mg/m³                                              | TWA: 2 mg/m³<br>STEL: 6 mg/m³                                    |                                             |
| Bicyclo[2.2.1]heptan-2-<br>one, 1,7,7-trimethyl-<br>76-22-2     | TWA: 2 ppm<br>TWA: 13 mg/m³                                     | TWA: 2 ppm<br>TWA: 13 mg/m³                                     | STEL: 18 mg/m³<br>TWA: 12 mg/m³  | TWA: 2 ppm<br>TWA: 12 mg/m³<br>STEL: 4 ppm<br>STEL: 18 mg/m³               | TWA: 2 ppm<br>TWA: 12 mg/m³<br>STEL: 3 ppm<br>STEL: 18 mg/m³     |                                             |
| (R)-p-mentha-1,8-dien<br>e<br>5989-27-5                         |                                                                 | STEL: 14 ppm<br>STEL: 80 mg/m³<br>TWA: 7 ppm<br>TWA: 40 mg/m³   |                                  | TWA: 25 ppm<br>TWA: 140 mg/m³<br>STEL: 37.5 ppm<br>STEL: 175 mg/m³         |                                                                  |                                             |
| Propanol, oxybis-<br>25265-71-8                                 |                                                                 | STEL: 280 mg/m³<br>TWA: 140 mg/m³                               |                                  |                                                                            |                                                                  |                                             |
| 2,6-Octadienal,<br>3,7-dimethyl-<br>5392-40-5                   |                                                                 |                                                                 | STEL: 54 mg/m³<br>TWA: 27 mg/m³  |                                                                            |                                                                  |                                             |
| Phenol,<br>2,6-bis(1,1-dimethyleth<br>yl)-4-methyl-<br>128-37-0 | TWA: 10 mg/m³                                                   | STEL: 40 mg/m³<br>TWA: 10 mg/m³                                 |                                  |                                                                            | TWA: 10 mg/m³<br>STEL: 30 mg/m³                                  |                                             |
| Bicyclo[3.1.1]hept-2-en<br>e, 2,6,6-trimethyl-<br>80-56-8       |                                                                 |                                                                 |                                  | TWA: 25 ppm<br>TWA: 140 mg/m³<br>Skin<br>STEL: 37.5 ppm<br>STEL: 175 mg/m³ |                                                                  |                                             |
| 3-Heptanone,<br>5-methyl-<br>541-85-5                           | STEL 20 ppm<br>STEL 107 mg/m³<br>TWA: 10 ppm<br>TWA: 53 mg/m³   | STEL: 20 ppm<br>STEL: 106 mg/m³<br>TWA: 10 ppm<br>TWA: 53 mg/m³ | STEL: 100 mg/m³<br>TWA: 50 mg/m³ | TWA: 10 ppm<br>TWA: 53 mg/m³<br>STEL: 20 ppm<br>STEL: 107 mg/m³            | TWA: 10 ppm<br>TWA: 53 mg/m³<br>STEL: 20 ppm<br>STEL: 107 mg/m³  | Ceiling: 100 mg/m³<br>TWA: 50 mg/m³<br>Skin |

**Derived No Effect Level (DNEL)** No information available

**Predicted No Effect Concentration (PNEC)** No information available.

## 8.2. Exposure controls

**Engineering Controls** Ensure adequate ventilation, especially in confined areas.

### Personal protective equipment

**Eye/face protection** Tight sealing safety goggles.  
**Skin and body protection** Suitable protective clothing.

**Environmental exposure controls** Do not allow into any sewer, on the ground or into any body of water.

## Section 9: PHYSICAL AND CHEMICAL PROPERTIES

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

**Physical state** Solid

|                               |                          |                          |                          |
|-------------------------------|--------------------------|--------------------------|--------------------------|
| Appearance                    | Candle and/or Wax        | Odor                     | Characteristic           |
| Color                         | No information available | Odor threshold           | No information available |
| <u>Property</u>               | <u>Values</u>            | <u>Remarks • Method</u>  |                          |
| pH                            |                          | Not Applicable           |                          |
| Melting point/freezing point  | 50-60 °C                 | No information available |                          |
| Boiling point / boiling range |                          | No information available |                          |
| Flash point                   | >= 140 °C                | No information available |                          |
| Evaporation rate              |                          | No information available |                          |
| Flammability (solid, gas)     |                          | No information available |                          |
| Flammability Limit in Air     |                          |                          |                          |
| Upper flammability limit:     |                          | No information available |                          |
| Lower flammability limit:     |                          | No information available |                          |
| Vapor Pressure                | No information available | No information available |                          |
| @20°C (kPa)                   |                          |                          |                          |
| Vapor density                 |                          | No information available |                          |
| Specific Gravity              |                          | No information available |                          |
| Water solubility              | negligible               | No information available |                          |
| Solubility(ies)               |                          | No information available |                          |
| Partition coefficient         |                          | No information available |                          |
| Autoignition temperature      |                          | No information available |                          |
| Decomposition temperature     |                          | No information available |                          |
| Kinematic viscosity           |                          | No information available |                          |
| Dynamic viscosity             |                          | No information available |                          |
| Explosive properties          | No information available |                          |                          |
| Oxidizing properties          | No information available |                          |                          |
| <u>9.2. Other information</u> |                          |                          |                          |
| Softening point               | No information available |                          |                          |
| Molecular weight              | Not Applicable           |                          |                          |
| VOC Content (%)               | 0.91                     |                          |                          |
| Density                       | No information available |                          |                          |
| Bulk density                  | No information available |                          |                          |

## Section 10: STABILITY AND REACTIVITY

### 10.1. Reactivity

No data available.

### 10.2. Chemical stability

Stable under normal conditions.

#### Explosion data

Sensitivity to Mechanical Impact    None.

Sensitivity to Static Discharge        None.

### 10.3. Possibility of hazardous reactions

None under normal processing.

### 10.4. Conditions to avoid

Extremes of temperature and direct sunlight.

### 10.5. Incompatible materials

No information available.

### 10.6. Hazardous decomposition products

None under normal use conditions.

## Section 11: TOXICOLOGICAL INFORMATION

### 11.1. Information on toxicological effects

#### Product information

Product does not present an acute toxicity hazard based on known or supplied information.

**Unknown Acute Toxicity** 12.92% of the mixture consists of ingredient(s) of unknown toxicity.

The following values are calculated based on chapter 3.1 of the GHS document

**ATEmix (oral)** 30,939.00 mg/kg

**ATEmix (dermal)** 47,398.00 mg/kg

#### Component Information

| Chemical Name                                | Oral LD50                                 | Dermal LD50                                 | Inhalation LC50 |
|----------------------------------------------|-------------------------------------------|---------------------------------------------|-----------------|
| Paraffin waxes and Hydrocarbon waxes         | > 5000 mg/kg ( Rat )                      | > 3600 mg/kg ( Rabbit )                     |                 |
| Acetic acid, phenylmethyl ester              | = 2490 mg/kg ( Rat )                      | > 5 g/kg ( Rabbit ) > 5000 mg/kg ( Rabbit ) |                 |
| (R)-p-mentha-1,8-diene                       | = 5200 mg/kg ( Rat ) = 4400 mg/kg ( Rat ) | > 5 g/kg ( Rabbit )                         |                 |
| 2,6-Octadienal, 3,7-dimethyl-                | = 4960 mg/kg ( Rat )                      | = 2250 mg/kg ( Rabbit )                     |                 |
| Bicyclo[3.1.1]hept-2-ene, 2,6,6-trimethyl-   | = 3700 mg/kg ( Rat )                      | > 5000 mg/kg ( Rat )                        |                 |
| Phenol, 2,6-bis(1,1-dimethylethyl)-4-methyl- | > 2930 mg/kg ( Rat )                      | > 2000 mg/kg ( Rat )                        |                 |

**Skin corrosion/irritation** No information available.

**Serious eye damage/eye irritation** Contact with eyes may cause irritation.

**Sensitization** Repeated or prolonged contact may cause allergic reactions in very susceptible persons.

**Germ cell mutagenicity** No information available.

**Carcinogenicity** No information available.

**Reproductive toxicity** No information available.

**STOT - single exposure** No information available.

**STOT - repeated exposure** No information available.

**Target Organ Effects** Eyes, Respiratory system, Skin.

**Aspiration hazard** No information available.

## Section 12: ECOLOGICAL INFORMATION

### 12.1. Toxicity

11.29016% of the mixture consists of components(s) of unknown hazards to the aquatic environment

| Chemical Name                    | Algae/aquatic plants                         | Fish                                                       | Crustacea                        |
|----------------------------------|----------------------------------------------|------------------------------------------------------------|----------------------------------|
| 1,6-Octadien-3-ol, 3,7-dimethyl- | 88.3: 96 h Desmodesmus subspicatus mg/L EC50 | 22 - 46: 96 h Leuciscus idus mg/L LC50 static              | 20: 48 h Daphnia magna mg/L EC50 |
| (R)-p-mentha-1,8-diene           |                                              | 35: 96 h Oncorhynchus mykiss mg/L LC50 0.619 - 0.796: 96 h |                                  |



|                                                  |                                                                                               |                                                                                                               |                                       |
|--------------------------------------------------|-----------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|---------------------------------------|
|                                                  |                                                                                               | Pimephales promelas mg/L LC50 flow-through                                                                    |                                       |
| Propanol, oxybis-                                |                                                                                               | 5000: 24 h Carassius auratus mg/L LC50 static                                                                 |                                       |
| 2,6-Octadienal, 3,7-dimethyl-                    | 19: 96 h Desmodemus subspicatus mg/L EC50 16: 72 h Desmodemus subspicatus mg/L EC50           | 4.6 - 10: 96 h Leuciscus idus mg/L LC50 static                                                                | 7: 48 h Daphnia magna mg/L EC50       |
| Phenol, 2,6-bis(1,1-dimethylethyl)-4-methyl-     | 6: 72 h Pseudokirchneriella subcapitata mg/L EC50 0.42: 72 h Desmodemus subspicatus mg/L EC50 | 5: 48 h Oryzias latipes mg/L LC50                                                                             |                                       |
| Bicyclo[3.1.1]hept-2-ene, 2,6,6-trimethyl-       |                                                                                               | 0.28: 96 h Pimephales promelas mg/L LC50 static                                                               | 41: 48 h Daphnia magna mg/L LC50      |
| Bicyclo[2.2.1]heptane, 2,2-dimethyl-3-methylene- | 1000: 72 h Desmodemus subspicatus mg/L EC50                                                   | 0.72: 96 h Brachydanio rerio mg/L LC50 flow-through 150: 96 h Brachydanio rerio mg/L LC50 static              | 22: 48 h Daphnia magna mg/L EC50      |
| 1-Octanol                                        | 14: 48 h Desmodemus subspicatus mg/L EC50 static                                              | 11.4 - 12.9: 96 h Pimephales promelas mg/L LC50 flow-through 17.68: 96 h Oncorhynchus mykiss mg/L LC50 static | 15 - 26: 24 h Daphnia magna mg/L EC50 |
| 1-Hexanol                                        |                                                                                               | 89.7 - 106: 96 h Pimephales promelas mg/L LC50 flow-through 144: 96 h Brachydanio rerio mg/L LC50 static      | 201: 24 h Daphnia magna mg/L EC50     |

**12.2. Persistence and degradability**

No information available.

**12.3. Bioaccumulative potential**

No information available.

| Chemical Name                                | Partition coefficient |
|----------------------------------------------|-----------------------|
| Benzene, 1-methyl-4-(1-methylethyl)-         | 4.1                   |
| Acetic acid, phenylmethyl ester              | 1.96                  |
| 1,6-Octadien-3-ol, 3,7-dimethyl-             | 2.84 - 3.1            |
| 2,6-Octadienal, 3,7-dimethyl-                | 2.76                  |
| Phenol, 2,6-bis(1,1-dimethylethyl)-4-methyl- | 4.17                  |
| Bicyclo[3.1.1]hept-2-ene, 2,6,6-trimethyl-   | 4.1                   |
| 1-Octanol                                    | 3.15                  |
| 1-Hexanol                                    | 2.03                  |

**12.4. Mobility in soil****Mobility in soil**

No information available.

**12.5. Results of PBT and vPvB assessment**

No information available.

**12.6. Other adverse effects**

No information available

## Section 13: DISPOSAL CONSIDERATIONS

**13.1. Waste treatment methods****Waste from Residues / Unused Products**

Disposal should be in accordance with applicable regional, national and local laws and regulations.

**Contaminated packaging** Improper disposal or reuse of this container may be dangerous and illegal.

**Other Information** Waste codes should be assigned by the user based on the application for which the product was used.

## Section 14: TRANSPORT INFORMATION

### IMDG

**Proper shipping name** Not regulated

### RID

### ADR

### ICAO (air)

### IATA

**Proper shipping name** Not regulated

## Section 15: REGULATORY INFORMATION

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

| Chemical Name                                     | French RG number | Title |
|---------------------------------------------------|------------------|-------|
| Paraffin waxes and Hydrocarbon waxes<br>8002-74-2 | RG 36            |       |
| (R)-p-mentha-1,8-diene<br>5989-27-5               | RG 84            |       |
| 3-Heptanone, 5-methyl-<br>541-85-5                | RG 84            |       |
| 1-Octanol<br>111-87-5                             | RG 84            |       |
| 1-Hexanol<br>111-27-3                             | RG 84            |       |

### **European Union**

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work

### International Inventories

**TSCA** Complies  
**DSL/NDL** Complies  
**EINECS/ELINCS** Complies

### Legend:

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory

**DSL/NDL** - Canadian Domestic Substances List/Non-Domestic Substances List

**EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

**AICS** - Australian Inventory of Chemical Substances

### 15.2. Chemical safety assessment

No information available

## Section 16: OTHER INFORMATION

Full text of H-Statements referred to under sections 2 and 3

H226 - Flammable liquid and vapor  
H302 - Harmful if swallowed  
H312 - Harmful in contact with skin  
H319 - Causes serious eye irritation  
H227 - Combustible liquid  
H316 - Causes mild skin irritation  
H402 - Harmful to aquatic life  
H315 - Causes skin irritation  
H317 - May cause an allergic skin reaction  
H412 - Harmful to aquatic life with long lasting effects  
H400 - Very toxic to aquatic life  
H410 - Very toxic to aquatic life with long lasting effects  
H304 - May be fatal if swallowed and enters airways  
H411 - Toxic to aquatic life with long lasting effects  
H303 - May be harmful if swallowed  
H332 - Harmful if inhaled  
H335 - May cause respiratory irritation  
H228 - Flammable solid  
H371 - May cause damage to organs if inhaled

**Classification procedure**

Classification according to calculation method of the CLP regulation.

**Key literature references and sources for data**

IFRA-IOFI Labelling Manual, RIFM/FEMA database, Supplier Information

**Issue Date** 16-Oct-2019

**Revision Date** 11-Dec-2020

**Revision Note** Not Applicable.

**This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006**

**Disclaimer**

This document was prepared to the requirements of the jurisdiction specified in Section 2 above and may not meet regulatory requirements in other countries. The information supplied on this safety data sheet is based on our current level of knowledge and on national and community regulations. The mixture must not be used for other uses than those specified in section 1 without having first obtained written handling instructions. It is at all times the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations. The information in this safety data sheet must be regarded as a description of the safety requirements relating to the mixture and not as a guarantee of the properties thereof.

**End of Safety Data Sheet**