

Version #: 01

Issue date: 16-January-2024

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

### 1.1. Product identifier

**Trade name or designation of the mixture** YC PINK SANDS LARGE 2 WICK JAR CANDLE 1629962E

**Registration number** -

**Synonyms** None.

**Product code** 1629962E

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

**Identified uses** Air Care Products

**Uses advised against** None known.

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

**Company name** Yankee Candle Company (Europe) Limited

**Company Address** Poplar Way East, Cabot Park  
Avonmouth  
Bristol  
United Kingdom  
BS11 0YH

### 1.4. Emergency telephone number

**General in EU** 112 (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.)

**Austria National Poisons Information Centre** +431 406 4343 (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.)

**Belgium National Poisons Control Centre** 070 245 245 (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.)

**Bulgaria National Toxicological Information Centre** +359 2 9154 233 (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.)

**Croatia Poisons Information Centre** +385 1 2348 342 (Hours of operation not provided. SDS/Product information may not be available for the Emergency Service.)

**Cyprus Poison Centre** 1401 (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.)

**Czech Republic National Poisons Information Centre** +420 224 919 293, or +420 224 915 402 (Hours of operation not provided. SDS/Product information may not be available for the Emergency Service.)

**Denmark National Poisons Control Centre** +45 82 12 12 12 (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.)

**Estonia National Poisons Information Centre** 16662 or abroad: (+372) 626 9390 (Monday 9:00AM to Saturday 9:00AM (closed on Sundays and on national holidays). SDS/Product information may not be available for the Emergency Service.)

**Finland National Poison Information Centre** (09) 471 977 (direct) or (09) 4711 (exchange) (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.)

**France National Poisons Control Centre** ORFILA number (INRS): + 33 (0) 1 45 42 59 59 (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.)

**Greece Poison Information Centre telephone number** (0030) 2107793777 (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.)

**Hungary National Emergency Phone Number** +36-80-201-199 (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.)

**Iceland Poison Centre** (+354) 543 2222 (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.)

#### 1.4. Emergency telephone number

|  |   |
|--|---|
| Latvia Emergency medical aid                           | 113   |
| Latvia Poison and Drug Information Centre              | +371 67042473 (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.)                           |
| Lithuania Neatidėliotina informacija apsinuodijus      | +370 5 236 20 52 or +37068753378 (Hours of operation not provided. SDS/Product information may not be available for the Emergency Service.) |
| Malta Accident and Emergency Department                | 2545 4030 (Hours of operation not provided. SDS/Product information may not be available for the Emergency Service.)                        |
| Netherlands National Poisons Information Centre (NVIC) | NVIC: +31 (0)88 755 8000 (Only for the purpose of informing medical personnel in cases of acute intoxications)                              |
| Norway Norwegian Poison Information Centre             | 22 59 13 00 (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.)                             |
| Portugal Poison Centre                                 | 800 250 250 (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.)                             |
| Romania Biroul RSI si Informare Toxicologica           | 021.318.36.06 (Available 8:00AM-3:00PM. SDS/Product information may not be available for the Emergency Service.)                            |
| Slovakia National Toxicological Information Centre     | +421 2 5477 4166 (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.)                        |
| Spain Toxicology Information Service                   | + 34 91 562 04 20 (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.)                       |
| Sweden National Poison Information Centre              | 112 - and ask for Poison Information (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.)    |
| Switzerland Tox Info Suisse                            | 145 (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.)                                     |

## SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

The mixture has been assessed and/or tested for its physical, health and environmental hazards and the following classification applies.

#### Classification according to Regulation (EC) No 1272/2008 as amended

This mixture does not meet the criteria for classification according to Regulation (EC) 1272/2008 as amended.

#### 2.2. Label elements

##### Label according to Regulation (EC) No. 1272/2008 as amended

|                   |  |
|-------------------|--|
| Hazard pictograms | None.  |
| Signal word       | None.  |
| Hazard statements | The mixture does not meet the criteria for classification. |

##### Precautionary statements

|            |                 |
|------------|-----------------|
| Prevention | Not applicable. |
| Response   | Not applicable. |
| Storage    | Not applicable. |
| Disposal   | Not applicable. |

**Supplemental label information** EUH208 - Contains Terpenes, orange oil, Octabenzene, Hexyl Cinnamal, Benzoic acid, 2-hydroxy-, hexyl ester, Cyclamen aldehyde, Eugenol, Rose Ketone-4. May produce an allergic reaction.

#### 2.3. Other hazards

This mixture does not contain substances assessed to be vPvB / PBT according to Regulation (EC) No 1907/2006, Annex XIII. The mixture does not contain any substances included in the list established in accordance with REACH Article 59(1) for having endocrine disrupting properties at a concentration equal to or greater than 0.1% by weight.

## SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

##### General information

| Chemical name   | %   | CAS-No. / EC No.        | REACH Registration No. | Index No. | Notes |
|---|-----|-------------------------|------------------------|-----------|-------|
| Terpenes, orange oil  | ≤ 1 | 68647-72-3<br>614-678-6 | 01-2119493353-35       | -         |       |
| <b>Classification:</b> Flam. Liq. 3;H226, Skin Irrit. 2;H315, Skin Sens. 1;H317, Asp. Tox. 1;H304, Aquatic Chronic 2;H411 |     |                         |                        |           |       |

| Chemical name   | %     | CAS-No. / EC No.       | REACH Registration No. | Index No. | Notes |
|---|-------|------------------------|------------------------|-----------|-------|
| Octabenzene   | ≤ 0,3 | 1843-05-6<br>217-421-2 | -                      | -         |       |
| <b>Classification:</b> Skin Sens. 1B;H317   |       |                        |                        |           |       |
| Benzoic acid, 2-hydroxy-, hexyl ester   | ≤ 0,2 | 6259-76-3<br>228-408-6 | 01-2119638275-36       | -         |       |
| <b>Classification:</b> Skin Sens. 1B;H317, Aquatic Acute 1;H400(M=1), Aquatic Chronic 1;H410(M=1) |       |                        |                        |           |       |
| Cyclamen aldehyde   | ≤ 0,2 | 103-95-7<br>203-161-7  | 01-2119970582-32       | -         |       |
| <b>Classification:</b> Skin Irrit. 2;H315, Skin Sens. 1B;H317, Aquatic Chronic 3;H412             |       |                        |                        |           |       |
| Eugenol   | ≤ 0,2 | 97-53-0<br>202-589-1   | 01-2119971802-33       | -         |       |
| <b>Classification:</b> Eye Irrit. 2;H319, Skin Sens. 1B;H317                                      |       |                        |                        |           |       |
| Hexyl Cinnamal  | ≤ 0,2 | 101-86-0<br>202-983-3  | 01-2119533092-50       | -         |       |
| <b>Classification:</b> Skin Sens. 1B;H317, Aquatic Acute 1;H400(M=1), Aquatic Chronic 2;H411      |       |                        |                        |           |       |
| Other components below reportable levels  | 98.96 |                        |                        |           |       |

#### List of abbreviations and symbols that may be used above

ATE: Acute toxicity estimate.

M: M-factor

vPvB: very persistent and very bioaccumulative substance.

PBT: persistent, bioaccumulative and toxic substance.

#: This substance has been assigned Union workplace exposure limit(s).

All concentrations are in percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

**Composition comments** The full text for all H-statements is displayed in section 16.

## SECTION 4: First aid measures

**General information** Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

### 4.1. Description of first aid measures

**Inhalation** Move to fresh air. Call a physician if symptoms develop or persist.

**Skin contact** Wash off with soap and water. Get medical attention if irritation develops and persists.

**Eye contact** Rinse with water. Get medical attention if irritation develops and persists.

**Ingestion** Rinse mouth. Get medical attention if symptoms occur.

**4.2. Most important symptoms and effects, both acute and delayed** Exposure may cause temporary irritation, redness, or discomfort.

**4.3. Indication of any immediate medical attention and special treatment needed** Treat symptomatically.

## SECTION 5: Firefighting measures

**General fire hazards** No unusual fire or explosion hazards noted.

### 5.1. Extinguishing media

**Suitable extinguishing media** Water fog. Foam. Dry chemical powder. Carbon dioxide (CO2).

**Unsuitable extinguishing media** Do not use water jet as an extinguisher, as this will spread the fire.

**5.2. Special hazards arising from the substance or mixture** During fire, gases hazardous to health may be formed.

### 5.3. Advice for firefighters

**Special protective equipment for firefighters** Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

**Special fire fighting procedures** Move containers from fire area if you can do so without risk.

**Specific methods** Use standard firefighting procedures and consider the hazards of other involved materials.

## SECTION 6: Accidental release measures

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

**For non-emergency personnel** Wear appropriate personal protective equipment.

**For emergency responders** Keep unnecessary personnel away. For personal protection, see section 8 of the SDS.

**6.2. Environmental precautions** Avoid discharge into drains, water courses or onto the ground.

**6.3. Methods and material for containment and cleaning up** Stop the flow of material, if this is without risk. Following product recovery, flush area with water.

**6.4. Reference to other sections** For personal protection, see section 8 of the SDS. For waste disposal, see section 13 of the SDS.

## SECTION 7: Handling and storage

**7.1. Precautions for safe handling** Avoid prolonged exposure. Observe good industrial hygiene practices.

**7.2. Conditions for safe storage, including any incompatibilities** Store in tightly closed container. Store away from incompatible materials (see Section 10 of the SDS).

**7.3. Specific end use(s)** Observe industrial sector guidance on best practices.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### Occupational exposure limits

##### Austria. MAK List, OEL Ordinance (GwV), BGBl. II, no. 184/2001, as amended

| Components                    | Type | Value    | Form                 |
|-------------------------------|------|----------|----------------------|
| Oils, soybean (CAS 8001-22-7) | MAK  | 5 mg/m3  | Respirable fraction. |
|                               |      | 10 mg/m3 | Inhalable fraction.  |
|                               | STEL | 20 mg/m3 | Inhalable fraction.  |
|                               |      | 10 mg/m3 | Respirable fraction. |

##### Belgium. OEL. Exposure Limit Values to Chemical Substances at Work, Code of Well-being at work, Book VI, Title 1 - Chemical agents, as amended

| Components                 | Type | Value    | Form  |
|----------------------------|------|----------|-------|
| Petrolatum (CAS 8009-03-8) | STEL | 10 mg/m3 | Mist. |
|                            | TWA  | 5 mg/m3  | Mist. |

##### Bulgaria. OELs. Ordinance No 13 on protection of workers against risks of exposure to chemical agents at work, as amended

| Components                 | Type | Value   |
|----------------------------|------|---------|
| Petrolatum (CAS 8009-03-8) | TWA  | 5 mg/m3 |

##### Cyprus. OELs. Control of factory atmosphere and dangerous substances in factories regulation, PI 311/73, as amended

| Components                    | Type | Value   | Form  |
|-------------------------------|------|---------|-------|
| Oils, soybean (CAS 8001-22-7) | TWA  | 2 mg/m3 | Dust. |

##### Czech Republic. Occupational exposure limit values of chemicals at work (Decree on protection of health at work, 361/2007, Annex 2, Part A & Annex 3, Part A, as amended)

| Components                    | Type    | Value    | Form    |
|-------------------------------|---------|----------|---------|
| Oils, soybean (CAS 8001-22-7) | TWA     | 2 mg/m3  | Dust.   |
| Petrolatum (CAS 8009-03-8)    | Ceiling | 10 mg/m3 | Aerosol |
|                               | TWA     | 5 mg/m3  | Aerosol |

##### Denmark. Work Environment Authority. Exposure Limits for Substances & Materials, Annex 2

| Components                    | Type | Value   | Form        |
|-------------------------------|------|---------|-------------|
| Oils, soybean (CAS 8001-22-7) | STEL | 6 mg/m3 | Total dust. |
|                               | TLV  | 3 mg/m3 | Total dust. |
| Petrolatum (CAS 8009-03-8)    | STEL | 2 mg/m3 | Mist.       |

**Denmark. Work Environment Authority. Exposure Limits for Substances & Materials, Annex 2**

| Components                            | Type | Value   | Form  |
|---------------------------------------|------|---------|-------|
|                                       | TLV  | 1 mg/m3 | Mist. |
| Terpenes, orange oil (CAS 68647-72-3) | TLV  | 25 ppm  |       |

**Estonia. OELs. Occupational Exposure Limits of Hazardous Substances (Regulation No. 105/2001, Annex), as amended**

| Components                            | Type | Value     | Form        |
|---------------------------------------|------|-----------|-------------|
| Oils, soybean (CAS 8001-22-7)         | TWA  | 5 mg/m3   | Total dust. |
| Terpenes, orange oil (CAS 68647-72-3) | STEL | 300 mg/m3 |             |
|                                       |      | 50 ppm    |             |
|                                       | TWA  | 150 mg/m3 |             |
|                                       |      | 25 ppm    |             |

**Finland. HTP-arvot, App 3., Binding Limit Values, Social Affairs and Ministry of Health**

| Components                 | Type | Value   | Form  |
|----------------------------|------|---------|-------|
| Petrolatum (CAS 8009-03-8) | TWA  | 5 mg/m3 | Mist. |

**France. Threshold Limit Values (VLEP) for Occupational Exposure to Chemicals in France, INRS ED 984**

| Components   | Type | Value     | Form             |
|--|------|-----------|------------------|
| Oils, soybean (CAS 8001-22-7)                      | VME  | 4 mg/m3   | Total dust.      |
| <b>Regulatory status:</b> Regulatory binding (VRC) |      | 0,9 mg/m3 | Respirable dust. |
| <b>Regulatory status:</b> Regulatory binding (VRC) |      |           |                  |

**Germany. DFG MAK List (advisory OELs). Commission for the Investigation of Health Hazards of Chemical Compounds in the Work Area (DFG), as updated**

| Components                    | Type | Value   | Form                 |
|-------------------------------|------|---------|----------------------|
| Oils, soybean (CAS 8001-22-7) | TWA  | 4 mg/m3 | Inhalable dust.      |
| Petrolatum (CAS 8009-03-8)    | TWA  | 5 mg/m3 | Respirable fraction. |

**Germany. TRGS 900, Limit Values in the Ambient Air at the Workplace**

| Components                    | Type | Value   | Form                 |
|-------------------------------|------|---------|----------------------|
| Oils, soybean (CAS 8001-22-7) | AGW  | 5 mg/m3 | Respirable fraction. |

**Greece. OELs, Presidential Decree No. 307/1986, as amended**

| Components                 | Type | Value   | Form  |
|----------------------------|------|---------|-------|
| Petrolatum (CAS 8009-03-8) | TWA  | 5 mg/m3 | Mist. |

**Hungary. OELs. Decree on protection of workers exposed to chemical agents (5/2020. (II.6)), Annex 1&2, as amended**

| Components                 | Type | Value   |  |
|----------------------------|------|---------|--|
| Petrolatum (CAS 8009-03-8) | TWA  | 5 mg/m3 |  |

**Iceland. OELs. Regulation 390/2009 on Pollution Limits and Measures to Reduce Pollution at the Workplace, as amended**

| Components                 | Type | Value   | Form  |
|----------------------------|------|---------|-------|
| Petrolatum (CAS 8009-03-8) | TWA  | 1 mg/m3 | Mist. |

**Ireland. OELVs, Schedules 1 & 2, Code of Practice for Chemical Agents and Carcinogens Regulations**

| Components                    | Type | Value    | Form                  |
|-------------------------------|------|----------|-----------------------|
| Oils, soybean (CAS 8001-22-7) | TWA  | 4 mg/m3  | Respirable dust.      |
|                               |      | 10 mg/m3 | Total inhalable dust. |
| Petrolatum (CAS 8009-03-8)    | TWA  | 5 mg/m3  | Inhalable fraction.   |

**Italy. OELs (Legislative Decree n.81, 9 April 2008), as amended**

| Components                 | Type | Value   | Form                |
|----------------------------|------|---------|---------------------|
| Petrolatum (CAS 8009-03-8) | TWA  | 5 mg/m3 | Inhalable fraction. |

**Latvia. OELs. Occupational Exposure Limits of Chemical Substances at Workplace (Reg. No. 325/ 2007, L.V. 80, Annex 1), as amended**

| Components                 | Type | Value   |
|----------------------------|------|---------|
| Petrolatum (CAS 8009-03-8) | TWA  | 5 mg/m3 |

**Lithuania. OELs. Occupational Exposure Limit Values for Chemical Substances (Hygiene Norm HN 23:2011; Order No. V-824/A1-389), as amended**

| Components                            | Type | Value     | Form                 |
|---------------------------------------|------|-----------|----------------------|
| Oils, soybean (CAS 8001-22-7)         | TWA  | 5 mg/m3   | Respirable fraction. |
|                                       |      | 10 mg/m3  | Inhalable fraction.  |
| Petrolatum (CAS 8009-03-8)            | STEL | 3 mg/m3   | Fume and mist.       |
|                                       | TWA  | 1 mg/m3   | Fume and mist.       |
| Terpenes, orange oil (CAS 68647-72-3) | STEL | 300 mg/m3 |                      |
|                                       |      | 50 ppm    |                      |
|                                       | TWA  | 150 mg/m3 |                      |
|                                       |      | 25 ppm    |                      |

**Netherlands. OELs per Annex XIII of Working Conditions Regulation (Staatscourant no. 252, 29 December 2006), as amended**

| Components                 | Type | Value   | Form  |
|----------------------------|------|---------|-------|
| Petrolatum (CAS 8009-03-8) | TWA  | 5 mg/m3 | Mist. |

**Norway. Regulation No. 1358 on Measures and Limit Values for Physical and Chemical Factors in Work Environment and Infection Groups for Biological Factors, as amended**

| Components                    | Type | Value   | Form        |
|-------------------------------|------|---------|-------------|
| Oils, soybean (CAS 8001-22-7) | TLV  | 5 mg/m3 | Total dust. |
| Petrolatum (CAS 8009-03-8)    | TLV  | 1 mg/m3 | Mist.       |

**Poland. Maximum permissible concentrations and intensities of harmful factors in the work environment (Dz.U.Poz. 1286/2018, Annex 1)**

| Components                    | Type | Value   | Form                 |
|-------------------------------|------|---------|----------------------|
| Oils, soybean (CAS 8001-22-7) | TWA  | 4 mg/m3 | Inhalable dust.      |
|                               |      | 2 mg/m3 | Respirable fraction. |
| Petrolatum (CAS 8009-03-8)    | TWA  | 5 mg/m3 | Inhalable fraction.  |

**Portugal. VLEs. Norm on occupational exposure to chemical agents (NP 1796-2014)**

| Components                 | Type | Value   | Form                |
|----------------------------|------|---------|---------------------|
| Petrolatum (CAS 8009-03-8) | TWA  | 5 mg/m3 | Inhalable fraction. |

**Romania. OELs. Limit Values of Chemical Agents at Workplace (Regulation 1.218/2006, M.O 845, Annex 1, 3&4, as amended)**

| Components                 | Type | Value    |
|----------------------------|------|----------|
| Petrolatum (CAS 8009-03-8) | STEL | 10 mg/m3 |
|                            | TWA  | 5 mg/m3  |

**Slovakia. OELs. Maximum permissible exposure limits for chemical factors in workplace air (Regulation No 355/2006, Annex 1, Table 1, as amended)**

| Components                    | Type | Value    | Form  |
|-------------------------------|------|----------|-------|
| Oils, soybean (CAS 8001-22-7) | TWA  | 10 mg/m3 | Dust. |

**Slovakia. OELs. Maximum permissible exposure limits for chemical factors in workplace air (Regulation No 355/2006, Annex 1, Table 1, as amended)**

| Components                 | Type | Value   | Form           |
|----------------------------|------|---------|----------------|
| Petrolatum (CAS 8009-03-8) | STEL | 3 mg/m3 | Fume and mist. |
|                            |      | 15 ppm  | Fume and mist. |
|                            | TWA  | 1 mg/m3 | Fume and mist. |
|                            |      | 5 ppm   | Fume and mist. |

**Slovenia. OELs. Occupational Exposure Limits of Chemicals at Workplace (Reg. on Protection of Workers from Risks due to Exp. to Chemicals at Work, Ann. I 100/2001), as amended**

| Components                    | Type | Value     | Form                 |
|-------------------------------|------|-----------|----------------------|
| Oils, soybean (CAS 8001-22-7) | KTV  | 20 mg/m3  | Inhalable fraction.  |
|                               |      | 2,5 mg/m3 | Respirable fraction. |

**Slovenia. OELs. Occupational Exposure Limits of Chemicals at Workplace (Reg. on Protection of Workers from Risks due to Exp. to Chemicals at Work, Annex I), as amended**

| Components                    | Type | Value      | Form                 |
|-------------------------------|------|------------|----------------------|
| Oils, soybean (CAS 8001-22-7) | TWA  | 10 mg/m3   | Inhalable fraction.  |
|                               |      | 1,25 mg/m3 | Respirable fraction. |

**Spain. OELs. INSST, Límites de Exposición Profesional Para Agentes Químicos, Table 1-Valores Límites Ambientales (VLAs)**

| Components                    | Type | Value    | Form                 |
|-------------------------------|------|----------|----------------------|
| Oils, soybean (CAS 8001-22-7) | TWA  | 3 mg/m3  | Respirable fraction. |
|                               |      | 10 mg/m3 | Inhalable fraction.  |
| Petrolatum (CAS 8009-03-8)    | STEL | 10 mg/m3 | Mist.                |
|                               | TWA  | 5 mg/m3  | Mist.                |

**Sweden. OELs (Annex 1). Work Environment Authority (AV), Occupational Exposure Limit Values (AFS 2018:1), as amended**

| Components                            | Type | Value               | Form  |
|---------------------------------------|------|---------------------|-------|
| Petrolatum (CAS 8009-03-8)            | STEL | 3 mg/m3             | Mist. |
|                                       | TWA  | 1 mg/m3             | Mist. |
| Terpenes, orange oil (CAS 68647-72-3) | STEL | 300 mg/m3           |       |
|                                       |      | 50 ppm              |       |
|                                       | TWA  | 150 mg/m3<br>25 ppm |       |

**Switzerland. SUVA Grenzwerte am Arbeitsplatz: Aktuelle MAK-Werte**

| Components                    | Type | Value    | Form                |
|-------------------------------|------|----------|---------------------|
| Oils, soybean (CAS 8001-22-7) | TWA  | 3 mg/m3  | Respirable dust.    |
|                               |      | 10 mg/m3 | Inhalable dust.     |
| Petrolatum (CAS 8009-03-8)    | TWA  | 5 mg/m3  | Inhalable fraction. |

**UK. OELs. Workplace Exposure Limits (WELs) (EH40/2005 (Fourth Edition 2020)), Table 1**

| Components                    | Type | Value    | Form             |
|-------------------------------|------|----------|------------------|
| Oils, soybean (CAS 8001-22-7) | TWA  | 4 mg/m3  | Respirable dust. |
|                               |      | 10 mg/m3 | Inhalable dust.  |

|  |  |
|--|--|
| <b>Biological limit values</b>           | No biological exposure limits noted for the ingredient(s). |
| <b>Recommended monitoring procedures</b> | Follow standard monitoring procedures.                     |
| <b>Derived no effect levels (DNELs)</b>  | Not available.   |

|  |   |
|--|---|
| <b>Predicted no effect concentrations (PNECs)</b>                            | Not available.  |
| <b>8.2. Exposure controls</b>  |   |
| <b>Appropriate engineering controls</b>                                      | Good general ventilation should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. |
| <b>Individual protection measures, such as personal protective equipment</b> |   |
| <b>General information</b>   | Personal protection equipment should be chosen according to the CEN standards and in discussion with the supplier of the personal protective equipment.   |
| <b>Eye/face protection</b>   | Wear safety glasses with side shields (or goggles).   |
| <b>Skin protection</b>   |   |
| - Hand protection  | Wear appropriate chemical resistant gloves.   |
| - Other  | Wear suitable protective clothing.  |
| <b>Respiratory protection</b>  | In case of insufficient ventilation, wear suitable respiratory equipment.   |
| <b>Thermal hazards</b>   | Wear appropriate thermal protective clothing, when necessary.   |
| <b>Hygiene measures</b>  | Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.   |
| <b>Environmental exposure controls</b>                                       | Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. Fume scrubbers, filters or engineering modifications to the process equipment may be necessary to reduce emissions to acceptable levels.  |

## SECTION 9: Physical and chemical properties

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

|  |   |
|--|---|
| <b>Physical state</b>  | Solid.  |
| <b>Form</b>  | Solid.  |
| <b>Colour</b>  | Light pink.                                   |
| <b>Odour</b>   | Not available.                                |
| <b>Melting point/freezing point</b>                              | 40 °C (104 °F) estimated                      |
| <b>Boiling point or initial boiling point and boiling range</b>  | 250 °C (482 °F) estimated                     |
| <b>Flammability</b>  | Not available.                                |
| <b>Upper/lower flammability or explosive limits</b>              |   |
| Explosive limit - lower ( %)                                     | Not available.                                |
| Explosive limit – upper (%)                                      | Not available.                                |
| <b>Flash point</b>   | 83 °C (181,4 °F) estimated                    |
| <b>Auto-ignition temperature</b>                                 | 200 °C (392 °F) estimated                     |
| <b>Decomposition temperature</b>                                 | Not available.                                |
| <b>pH</b>  | Not available.                                |
| <b>Kinematic viscosity</b>                                       | Not available.                                |
| <b>Solubility</b>  |   |
| Solubility (water)   | Not available.                                |
| <b>Partition coefficient (n-octanol/water) (log value)</b>       | Not available.                                |
| <b>Vapour pressure</b>   | 0,163752 hPa estimated                        |
| <b>Density and/or relative density</b>                           |   |
| Density  | 0,831 g/cm3 estimated                         |
| <b>Vapour density</b>  | Not available.                                |
| <b>Particle characteristics</b>                                  | Not available.                                |
| <b>9.2. Other information</b>                                    |   |
| <b>9.2.1. Information with regard to physical hazard classes</b> | No relevant additional information available. |
| <b>9.2.2. Other safety characteristics</b>                       |   |
| Specific gravity   | 0,83156 estimated                             |



## SECTION 10: Stability and reactivity

|  |   |
|--|---|
| 10.1. Reactivity                         | The product is stable and non-reactive under normal conditions of use, storage and transport. |
| 10.2. Chemical stability                 | Material is stable under normal conditions.   |
| 10.3. Possibility of hazardous reactions | No dangerous reaction known under conditions of normal use.                                   |
| 10.4. Conditions to avoid                | Contact with incompatible materials.  |
| 10.5. Incompatible materials             | Strong oxidising agents.  |
| 10.6. Hazardous decomposition products   | No hazardous decomposition products are known.  |

## SECTION 11: Toxicological information

**General information** Occupational exposure to the substance or mixture may cause adverse effects.

### Information on likely routes of exposure

|              |   |
|--------------|---|
| Inhalation   | May cause allergy or asthma symptoms or breathing difficulties if inhaled. Prolonged inhalation may be harmful.     |
| Skin contact | May cause an allergic skin reaction.  |
| Eye contact  | Direct contact with eyes may cause temporary irritation.  |
| Ingestion    | May cause discomfort if swallowed. However, ingestion is not likely to be a primary route of occupational exposure. |

**Symptoms** Exposure may cause temporary irritation, redness, or discomfort.

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

**Acute toxicity** Not known.

| Components                               | Species   | Test Results  |
|--|---|---------------|
| Octabenzene (CAS 1843-05-6)              |   |               |
| <b>Acute</b>                             |   |               |
| <b>Dermal</b>                            |   |               |
| LD50                                     | Rabbit  | > 10 g/kg     |
| <b>Oral</b>                              |   |               |
| LD50                                     | Rat   | > 10000 mg/kg |
| <b>Skin corrosion/irritation</b>         | Due to partial or complete lack of data the classification is not possible. |               |
| <b>Serious eye damage/eye irritation</b> | Due to partial or complete lack of data the classification is not possible. |               |
| <b>Respiratory sensitisation</b>         | Due to partial or complete lack of data the classification is not possible. |               |
| <b>Skin sensitisation</b>                | Due to partial or complete lack of data the classification is not possible. |               |
| <b>Germ cell mutagenicity</b>            | Due to partial or complete lack of data the classification is not possible. |               |
| <b>Carcinogenicity</b>                   | Due to partial or complete lack of data the classification is not possible. |               |

### IARC Monographs. Overall Evaluation of Carcinogenicity

Eugenol (CAS 97-53-0) 3 Not classifiable as to carcinogenicity to humans.

|   |   |
|---|---|
| <b>Reproductive toxicity</b>                              | Due to partial or complete lack of data the classification is not possible. |
| <b>Specific target organ toxicity - single exposure</b>   | Due to partial or complete lack of data the classification is not possible. |
| <b>Specific target organ toxicity - repeated exposure</b> | Due to partial or complete lack of data the classification is not possible. |
| <b>Aspiration hazard</b>                                  | Due to partial or complete lack of data the classification is not possible. |
| <b>Mixture versus substance information</b>               | No information available.   |

### 11.2. Information on other hazards

|  |   |
|--|---|
| <b>Endocrine disrupting properties</b> | This mixture does not contain any substances having endocrine disrupting properties with respect to human health as assessed in accordance with the criteria set out in Regulations (EC) No 1907/2006, (EU) No 2017/2100 and (EU) 2018/605, at a concentration equal to or greater than 0.1% by weight. |
| <b>Other information</b>               | May cause allergic respiratory and skin reactions.  |

## SECTION 12: Ecological information

**12.1. Toxicity** Based on available data, the classification criteria are not met for hazardous to the aquatic environment.

| Components   | Species  | Test Results   |
|--|--|--|
| Eugenol (CAS 97-53-0)                                  |  |  |
| <b>Aquatic</b>   |  |  |
| <i>Acute</i>   |  |  |
| Fish   | LC50   | Fathead minnow (Pimephales promelas) 24 mg/l, 96 hours |
| <b>12.2. Persistence and degradability</b>             | No data is available on the degradability of any ingredients in the mixture.   |  |
| <b>12.3. Bioaccumulative potential</b>                 |  |  |
| <b>Partition coefficient n-octanol/water (log Kow)</b> |  |  |
| Benzoic acid, 2-hydroxy-, hexyl ester                  |  | 5,5  |
| Cyclamen aldehyde                                      |  | 3,4  |
| Eugenol  |  | 2,49   |
| Hexyl Cinnamal   |  | 4,686  |
| Octabenzene  |  | 6,96   |
|  |  | 7,6 Estimated  |
| <b>Bioconcentration factor (BCF)</b>                   | Not available.   |  |
| <b>12.4. Mobility in soil</b>                          | No data available.   |  |
| <b>12.5. Results of PBT and vPvB assessment</b>        | This mixture does not contain substances assessed to be vPvB / PBT according to Regulation (EC) No 1907/2006, Annex XIII.  |  |
| <b>12.6. Endocrine disrupting properties</b>           | This mixture does not contain any substances having endocrine disrupting properties with respect to the environment as assessed in accordance with the criteria set out in Regulations (EC) No 1907/2006, (EU) No 2017/2100 and (EU) 2018/605, at a concentration equal to or greater than 0.1% by weight. |  |
| <b>12.7. Other adverse effects</b>                     | No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.  |  |
| <b>12.8. Additional information</b>                    |  |  |
| <b>Estonia Dangerous substances in soil Data</b>       |  |  |
| Eugenol (CAS 97-53-0)                                  | Chemical pesticides (As the total sum of the active substances) 0,5 mg/kg  |  |
|  | Chemical pesticides (As the total sum of the active substances) 20 mg/kg   |  |
|  | Chemical pesticides (As the total sum of the active substances) 5 mg/kg  |  |

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

|                                     |  |
|-------------------------------------|--|
| <b>Residual waste</b>               | Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions). |
| <b>Contaminated packaging</b>       | Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.       |
| <b>EU waste code</b>                | The Waste code should be assigned in discussion between the user, the producer and the waste disposal company.   |
| <b>Disposal methods/information</b> | Collect and reclaim or dispose in sealed containers at licensed waste disposal site.   |
| <b>Special precautions</b>          | Dispose in accordance with all applicable regulations.   |

## SECTION 14: Transport information

### ADR

|   |                                   |
|---|-----------------------------------|
| <b>14.1. UN number</b>                    | Not regulated as dangerous goods. |
| <b>14.2. UN proper shipping name</b>      | Not regulated as dangerous goods. |
| <b>14.3. Transport hazard class(es)</b>   |                                   |
| Class                                     | Not assigned.                     |
| Subsidiary hazard                         | -                                 |
| Hazard No. (ADR)                          | Not assigned.                     |
| Tunnel restriction code                   | Not assigned.                     |
| <b>14.4. Packing group</b>                | -                                 |
| <b>14.5. Environmental hazards</b>        | No.                               |
| <b>14.6. Special precautions for user</b> | Not assigned.                     |

### RID

|                        |                                   |
|------------------------|-----------------------------------|
| <b>14.1. UN number</b> | Not regulated as dangerous goods. |
|------------------------|-----------------------------------|

|   |                                   |
|---|-----------------------------------|
| <b>14.2. UN proper shipping name</b>      | Not regulated as dangerous goods. |
| <b>14.3. Transport hazard class(es)</b>   |                                   |
| Class                                     | Not assigned.                     |
| Subsidiary hazard                         | -                                 |
| <b>14.4. Packing group</b>                | -                                 |
| <b>14.5. Environmental hazards</b>        | No.                               |
| <b>14.6. Special precautions for user</b> | Not assigned.                     |

#### ADN

|   |                                   |
|---|-----------------------------------|
| <b>14.1. UN number</b>                    | Not regulated as dangerous goods. |
| <b>14.2. UN proper shipping name</b>      | Not regulated as dangerous goods. |
| <b>14.3. Transport hazard class(es)</b>   |                                   |
| Class                                     | Not assigned.                     |
| Subsidiary hazard                         | -                                 |
| <b>14.4. Packing group</b>                | -                                 |
| <b>14.5. Environmental hazards</b>        | No.                               |
| <b>14.6. Special precautions for user</b> | Not assigned.                     |

#### IATA

|   |                                   |
|---|-----------------------------------|
| <b>14.1. UN number</b>                    | Not regulated as dangerous goods. |
| <b>14.2. UN proper shipping name</b>      | Not regulated as dangerous goods. |
| <b>14.3. Transport hazard class(es)</b>   |                                   |
| Class                                     | Not assigned.                     |
| Subsidiary hazard                         | -                                 |
| <b>14.4. Packing group</b>                | -                                 |
| <b>14.5. Environmental hazards</b>        | No.                               |
| <b>14.6. Special precautions for user</b> | Not assigned.                     |

#### IMDG

|   |                                   |
|---|-----------------------------------|
| <b>14.1. UN number</b>                    | Not regulated as dangerous goods. |
| <b>14.2. UN proper shipping name</b>      | Not regulated as dangerous goods. |
| <b>14.3. Transport hazard class(es)</b>   |                                   |
| Class                                     | Not assigned.                     |
| Subsidiary hazard                         | -                                 |
| <b>14.4. Packing group</b>                | -                                 |
| <b>14.5. Environmental hazards</b>        |                                   |
| Marine pollutant                          | No.                               |
| EmS                                       | Not assigned.                     |
| <b>14.6. Special precautions for user</b> | Not assigned.                     |

**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

#### EU regulations

**Regulation (EC) No. 1005/2009 on substances that deplete the ozone layer, Annex I and II, as amended**  
Not listed.

**Regulation (EU) 2019/1021 On persistent organic pollutants (recast), as amended**  
Not listed.

**Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 1 as amended**  
Not listed.

**Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 2 as amended**  
Not listed.

**Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 3 as amended**  
Not listed.

**Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex V as amended**  
Not listed.

Regulation (EC) No. 166/2006 Annex II Pollutant Release and Transfer Registry, as amended

Not listed.

Regulation (EC) No. 1907/2006, REACH Article 59(10) Candidate List as currently published by ECHA

Not listed.

#### Authorisations

Regulation (EC) No. 1907/2006, REACH Annex XIV Substances subject to authorization, as amended

Not listed.

#### Restrictions on use

Regulation (EC) No. 1907/2006, REACH Annex XVII Substances subject to restriction on marketing and use, as amended  
- Conditions of restriction given for the associated entry number should be considered

Not listed.

Directive 2004/37/EC: on the protection of workers from the risks related to exposure to carcinogens and mutagens at work, as amended.

Not listed.

Regulation 2019/1148 on Marketing and Use of Explosive Precursors, Annex I, as amended

Not listed.

Regulation 2019/1148 on Marketing and Use of Explosive Precursors, Annex II, as amended

Not listed.

#### Other regulations

The product is classified and labelled in accordance with Regulation (EC) 1272/2008 (CLP Regulation) as amended. This Safety Data Sheet complies with the requirements of Regulation (EC) No 1907/2006, as amended.

#### National regulations

Follow national regulation for work with chemical agents in accordance with Directive 98/24/EC, as amended.

#### France regulations

France INRS Table of Occupational Diseases

Not regulated.

#### 15.2. Chemical safety assessment

No Chemical Safety Assessment has been carried out.

## SECTION 16: Other information

#### List of abbreviations

ADN: European Agreement Concerning the International Carriage of Dangerous Goods by Inland Waterways.  
ADR: Agreement concerning the International Carriage of Dangerous Goods by Road.  
AGW: Occupational threshold limit value (Arbeitsplatzgrenzwert – Germany).  
CAS: Chemical Abstract Service.  
CEN: European Committee for Standardization.  
IATA: International Air Transport Association.  
IBC Code: International Code for the Construction and Equipment of Ships Carrying Dangerous Chemicals in Bulk.  
IMDG: International Maritime Dangerous Goods.  
MAC: Maximum Allowed Concentration.  
MARPOL: International Convention for the Prevention of Pollution from Ships.  
PBT: Persistent, bioaccumulative and toxic.  
RID: Regulations concerning the International Carriage of Dangerous Goods by Rail.  
STEL: Short term exposure limit.  
TLV: Threshold Limit Value.  
TWA: Time Weighted Average.  
VLE: Exposure Limit Value.  
VME: Exposure Average Value.  
vPvB: Very persistent and very bioaccumulative.

#### References

Not available.

#### Information on evaluation method leading to the classification of mixture

The classification for health and environmental hazards is derived by a combination of calculation methods and test data, if available.

#### Full text of any statements, which are not written out in full under sections 2 to 15

H226 Flammable liquid and vapour.  
H304 May be fatal if swallowed and enters airways.  
H315 Causes skin irritation.  
H317 May cause an allergic skin reaction.  
H319 Causes serious eye irritation.  
H400 Very toxic to aquatic life.  
H410 Very toxic to aquatic life with long lasting effects.  
H411 Toxic to aquatic life with long lasting effects.  
H412 Harmful to aquatic life with long lasting effects.

**Revision information**

Product and Company Identification: Product Codes  
SECTION 2: Hazards identification: Hazard statements  
SECTION 5: Firefighting measures: Special fire fighting procedures

**Training information**

Follow training instructions when handling this material.

**Disclaimer**

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