

## SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

**Product:** 100ML R/D COTTON FLOWER HG0304

**Version:** 4

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

#### 1.1 Product Identifier

**Product identifier:** 100ML R/D COTTON FLOWER HG0304

**Other identifiers:** None

**Unique Formula Identifier (UFI):** 82E1-T0UX-Q005-5GKV

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

**Product uses:** Home fragrance

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

**Company name:** Colony Deutschland GmbH

**Company address:** Karlsplatz 3  
80335 München  
Germany

**Contact:** Colony Deutschland GmbH -Ireland

**E-Mail address:**

**Company phone:** 0049 89 23035342 / +447921970488

#### 1.4 Emergency telephone number

**Emergency phone:** +353 (1) 809 2166 (parents and those caring for young children)  
+353 (1) 837 9964 or +353 (1) 809 2566 (Healthcare Professionals)

### Section 2. Hazards identification

#### 2.1 Classification of the substance or mixture

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

**Class and category of danger:** Flammable Liquid, Hazard Category 2  
Eye Damage / Irritation Category 2  
Hazardous to the Aquatic Environment - Long-term Hazard Category 3  
H225, Highly flammable liquid and vapour.  
H319, Causes serious eye irritation.  
H412, Harmful to aquatic life with long lasting effects.

#### 2.2 Label elements

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

**Signal word:** Danger

**Hazard statements:** H225, Highly flammable liquid and vapour.  
H319, Causes serious eye irritation.  
H412, Harmful to aquatic life with long lasting effects.

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**Supplemental Information:** EUH208, Contains 1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthalenyl)ethanone, 4-tert-Butylcyclohexyl acetate, Linalool, Linalyl acetate, Methyl 2-nonynoate. May produce an allergic reaction.

**Precautionary statements:**

P210, Keep away from heat, sparks, open flames and hot surfaces. - No smoking.  
 P233, Keep container tightly closed.  
 P240, Ground/bond container and receiving equipment.  
 P241, Use explosion-proof electrical, ventilating and lighting equipment.  
 P242, Use only non-sparking tools.  
 P243, Take precautionary measures against static discharge.  
 P264, Wash hands and other contacted skin thoroughly after handling.  
 P273, Avoid release to the environment.  
 P280, Wear protective gloves/eye protection/face protection.  
 P303/361/353, IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.  
 P305/351/338, IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 P337/313, If eye irritation persists: Get medical advice/attention.  
 P370/378, In case of fire: Use carbon dioxide, dry chemical, foam for extinction.  
 P403/235, Store in a well-ventilated place. Keep cool.  
 P501, Dispose of contents/container to approved disposal site, in accordance with local regulations.

**Pictograms:**



### 2.3 Other hazards

**Other hazards:**

Sensitisers declared on a CLP Hazard Label: 1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthalenyl)ethanone, 4-tert-Butylcyclohexyl acetate, Linalool, Linalyl acetate, Methyl 2-nonynoate  
 Hydrocarbon Concentration %: 0.0000%  
 Unique Formula Identifier: 82E1-T0UX-Q005-5GKV

### Section 3. Composition / information on ingredients

#### 3.2 Mixtures

**Contains:**

| Name | CAS | EC | REACH Registration No. | % | Classification for (CLP) 1272/2008 | Specific Conc. Limits, M-factors and ATEs |
|------|-----|----|------------------------|---|------------------------------------|-------------------------------------------|
|------|-----|----|------------------------|---|------------------------------------|-------------------------------------------|

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|                                                                          |            |           |  |         |                                                                                                        |                                                             |
|--------------------------------------------------------------------------|------------|-----------|--|---------|--------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|
| Ethyl alcohol                                                            | 64-17-5    | 200-578-6 |  | 50-100% | Flam. Liq. 2-Eye Irrit. 2; H225-H319,-                                                                 |                                                             |
| Isopropyl alcohol                                                        | 67-63-0    | 200-661-7 |  | 10-<20% | Flam. Liq. 2-Eye Irrit. 2-STOT SE 3;H225-H319-H336,-                                                   |                                                             |
| Phenethyl alcohol                                                        | 60-12-8    | 200-456-2 |  | 1-<5%   | Acute Tox. 4-Eye Irrit. 2;H302-H319,-                                                                  | dermal: ATE = 2500 mg/kg bw-oral: ATE = 1610 mg/kg bw       |
| 1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthalenyl)ethanone | 54464-57-2 | 915-730-3 |  | 0.1-<1% | Skin Irrit. 2-Skin Sens. 1B-Aquatic Chronic 1; H315-H317-H410,-                                        |                                                             |
| 4-tert-Butylcyclohexyl acetate                                           | 32210-23-4 | 250-954-9 |  | 0.1-<1% | Skin Sens. 1B;H317,-                                                                                   | oral: ATE = 3370 mg/kg bw                                   |
| Linalool                                                                 | 78-70-6    | 201-134-4 |  | 0.1-<1% | Skin Irrit. 2-Eye Irrit. 2-Skin Sens. 1B;H315-H317-H319,-                                              | oral: ATE = 2790 mg/kg bw                                   |
| Linalyl acetate                                                          | 115-95-7   | 204-116-4 |  | 0.1-<1% | Skin Irrit. 2-Skin Sens. 1B;H315-H317,-                                                                |                                                             |
| Methyl 2-nonynoate                                                       | 111-80-8   | 203-909-2 |  | <0.1%   | Acute Tox. 4-Skin Irrit. 2-Skin Sens. 1A-Aquatic Acute 1-Aquatic Chronic 3; H302-H315-H317-H400-H412,- | M = 1-dermal: ATE = 4500 mg/kg bw-oral: ATE = 1600 mg/kg bw |

### Substances with Community workplace exposure limits:

| Name                                | CAS        | EC        | REACH Registration No. | %       | Classification for (CLP) 1272/2008                   | Specific Conc. Limits, M-factors and ATEs |
|-------------------------------------|------------|-----------|------------------------|---------|------------------------------------------------------|-------------------------------------------|
| Dipropylene glycol monomethyl ether | 34590-94-8 | 252-104-2 |                        | 5-<10%  | -,-,-                                                |                                           |
| Ethyl alcohol                       | 64-17-5    | 200-578-6 |                        | 50-100% | Flam. Liq. 2-Eye Irrit. 2; H225-H319,-               |                                           |
| Isopropyl alcohol                   | 67-63-0    | 200-661-7 |                        | 10-<20% | Flam. Liq. 2-Eye Irrit. 2-STOT SE 3;H225-H319-H336,- |                                           |

**Substances that are endocrine disruptors according to Regulation (EU) 2017/2100 or Regulation (EU) 2018/605, greater than 0.1%:**

Not Applicable

**Substances that are persistent, bioaccumulative and toxic or very persistent and very bioaccumulative, greater than 0.1%:**

Not Applicable

### Section 4. First-aid measures

#### 4.1 Description of first aid measures

|                       |                                                                                                                                  |
|-----------------------|----------------------------------------------------------------------------------------------------------------------------------|
| <b>Inhalation:</b>    | Remove from exposure site to fresh air, keep at rest, and obtain medical attention.                                              |
| <b>Eye exposure:</b>  | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |
| <b>Skin exposure:</b> | IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.                       |
| <b>Ingestion:</b>     | Rinse mouth with water and obtain medical attention.                                                                             |

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

Causes serious eye irritation.

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

None expected, see Section 4.1 for further information.

## **Section 5: Firefighting measures**

### **5.1 Extinguishing media**

Suitable media: Alcohol resistant foam, carbon dioxide, dry powder or water fog

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

In case of fire, may be liberated: Carbon monoxide, Unidentified organic compounds.

### **5.3 Advice for fire fighters:**

In case of insufficient ventilation, wear suitable respiratory equipment.

## **Section 6. Accidental release measures**

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

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

### **6.2 Environmental precautions:**

Keep away from drains, surface and ground water, and soil.

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

Remove ignition sources. Provide adequate ventilation. Avoid excessive inhalation of vapours. Contain spillage immediately by use of sand or inert powder. Dispose of according to local regulations.

### **6.4 Reference to other sections:**

Also refer to sections 8 and 13.

## **Section 7. Handling and storage**

### **7.1 Precautions for safe handling:**

Keep away from heat, sparks, open flames and hot surfaces. - No smoking.

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

Store in a well-ventilated place. Keep container tightly closed. Keep cool. Ground/bond container and receiving equipment. Use explosion-proof electrical, ventilating and lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge.

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### 7.3 Specific end use(s):

Home fragrance: Use in accordance with good manufacturing and industrial hygiene practices.

### Section 8. Exposure controls/personal protection

#### 8.1 Control parameters

Workplace exposure limits:

| Ingredient                          | CAS        | EC        | Description            | Value |
|-------------------------------------|------------|-----------|------------------------|-------|
| Dipropylene glycol monomethyl ether | 34590-94-8 | 252-104-2 | UK WEL Long term ppm   | 50    |
|                                     |            |           | UK WEL Long term mgm3  | 308   |
| Ethyl alcohol                       | 64-17-5    | 200-578-6 | UK WEL Long term ppm   | 1000  |
|                                     |            |           | UK WEL Long term mgm3  | 1920  |
| Isopropyl alcohol                   | 67-63-0    | 200-661-7 | UK WEL Long term ppm   | 400   |
|                                     |            |           | UK WEL Long term mgm3  | 999   |
|                                     |            |           | UK WEL Short term ppm  | 500   |
|                                     |            |           | UK WEL Short term mgm3 | 1250  |

#### 8.2 Exposure Controls

##### Eye / Skin Protection

Wear protective gloves/eye protection/face protection

##### Respiratory Protection

Ensure adequate and ongoing ventilation is maintained in order to prevent build up of excessive vapour and to ensure occupational exposure limits are adhered to. If appropriate, and depending on your patterns and volumes of use, the following engineering controls may be required as additional protective measures: a) Isolate mixing rooms and other areas where this material is used or openly handled. Maintain these areas under negative air pressure relative to the rest of the plant. b) Employ the use of Personal protective equipment - an approved, properly fitted respirator with organic vapour cartridges or canisters and particulate filters. c) Use local exhaust ventilation around open tanks and other open sources of potential exposures in order to avoid excessive inhalation, including places where this material is openly weighed or measured. In addition, use general dilution ventilation of the work area to eliminate or reduce possible worker exposures. d) Use closed systems for transferring and processing this material.

Also refer to Sections 2 and 7.

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### Section 9. Physical and chemical properties

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

|                                                                  |                |
|------------------------------------------------------------------|----------------|
| <b>Physical State/Colour:</b>                                    | Not determined |
| <b>Odour:</b>                                                    | Not determined |
| <b>Odour threshold:</b>                                          | Not determined |
| <b>Melting point / freezing point:</b>                           | Not determined |
| <b>Boiling point or initial boiling point and boiling range:</b> | Not determined |
| <b>Flammability:</b>                                             | Not determined |
| <b>Lower and upper explosion limit:</b>                          | Not determined |
| <b>Flash point:</b>                                              | 22 °C          |
| <b>Auto-ignition temperature:</b>                                | Not determined |
| <b>Decomposition temperature:</b>                                | Not relevant   |
| <b>pH:</b>                                                       | Not determined |
| <b>Kinematic viscosity:</b>                                      | Not determined |
| <b>Solubility:</b>                                               | Not determined |
| <b>Partition coefficient: n-octanol/water (log value):</b>       | Not determined |
| <b>Vapour pressure:</b>                                          | Not determined |
| <b>Density and/or relative density:</b>                          | Not determined |
| <b>Relative vapour density:</b>                                  | Not determined |
| <b>Particle characteristics:</b>                                 | Not determined |

**9.2 Other information:** None available

### Section 10. Stability and reactivity

#### 10.1 Reactivity:

Presents no significant reactivity hazard, by itself or in contact with water.

#### 10.2 Chemical stability:

Good stability under normal storage conditions.

#### 10.3 Possibility of hazardous reactions:

Not expected under normal conditions of use.

#### 10.4 Conditions to avoid:

Avoid extreme heat.

#### 10.5 Incompatible materials:

Avoid contact with strong acids, alkalis or oxidising agents.

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### 10.6 Hazardous decomposition products:

Not expected.

## Section 11. Toxicological information

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

This mixture has not been tested as a whole for health effects. The health effects have been calculated using the methods outlined in Regulation (EC) No 1272/2008 (CLP).

|                                           |                                                                  |
|-------------------------------------------|------------------------------------------------------------------|
| <b>Acute Toxicity:</b>                    | Based on available data the classification criteria are not met. |
| Acute Toxicity Oral                       | >5000                                                            |
| Acute Toxicity Dermal                     | >5000                                                            |
| Acute Toxicity Inhalation                 | Not Available                                                    |
| <b>Skin corrosion/irritation:</b>         | Based on available data the classification criteria are not met. |
| <b>Serious eye damage/irritation:</b>     | Eye Damage / Irritation Category 2                               |
| <b>Respiratory or skin sensitisation:</b> | Based on available data the classification criteria are not met. |
| <b>Germ cell mutagenicity:</b>            | Based on available data the classification criteria are not met. |
| <b>Carcinogenicity:</b>                   | Based on available data the classification criteria are not met. |
| <b>Reproductive toxicity:</b>             | Based on available data the classification criteria are not met. |
| <b>STOT-single exposure:</b>              | Based on available data the classification criteria are not met. |
| <b>STOT-repeated exposure:</b>            | Based on available data the classification criteria are not met. |
| <b>Aspiration hazard:</b>                 | Based on available data the classification criteria are not met. |

### Information about hazardous ingredients in the mixture

| Ingredient        | CAS     | EC        | LD50/ATE Oral | LD50/ATE Dermal | LC50/ATE Inhalation | LC50 Route    |
|-------------------|---------|-----------|---------------|-----------------|---------------------|---------------|
| Phenethyl alcohol | 60-12-8 | 200-456-2 | 1610          | 2500            | Not available       | Not available |

Refer to Sections 2 and 3 for additional information.

### 11.2 Information on other hazards

Not Applicable

## Section 12. Ecological information

### 12.1 Toxicity:

Harmful to aquatic life with long lasting effects.

**12.2 Persistence and degradability:** Not available

**12.3 Bioaccumulative potential:** Not available

**12.4 Mobility in soil:** Not available

### 12.5 Results of PBT and vPvB assessment:

This substance does not meet the PBT/vPvB criteria of REACH, annex XIII.

**12.6 Endocrine disrupting properties:** Not Applicable

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**12.7 Other adverse effects:** Not available

### Section 13. Disposal considerations

#### **13.1 Waste treatment methods:**

Dispose of in accordance with local regulations. Avoid disposing into drainage systems and into the environment. Empty containers should be taken to an approved waste handling site for recycling or disposal.

### Section 14. Transport information

|                             | <b>14.1 UN number:</b> | <b>14.2 UN Proper Shipping Name:</b>                        | <b>14.3 Transport hazard class (es):</b> | <b>Sub Risk:</b> | <b>14.4 Packing Group:</b> |
|-----------------------------|------------------------|-------------------------------------------------------------|------------------------------------------|------------------|----------------------------|
| <b>UN Model Regulations</b> | UN1993                 | FLAMMABLE LIQUID, N.O.S. (Ethyl alcohol, Isopropyl alcohol) | 3                                        | -                | II                         |
| <b>IMDG</b>                 | UN1993                 | FLAMMABLE LIQUID, N.O.S. (Ethyl alcohol, Isopropyl alcohol) | 3                                        | -                | II                         |
| <b>ADR,RID,ADN</b>          | UN1993                 | FLAMMABLE LIQUID, N.O.S. (Ethyl alcohol, Isopropyl alcohol) | 3                                        | -                | II                         |
| <b>ICAO TI</b>              | UN1993                 | FLAMMABLE LIQUID, N.O.S. (Ethyl alcohol, Isopropyl alcohol) | 3                                        | -                | II                         |

**14.5 Environmental hazards:** Not environmentally hazardous for transport

**14.6 Special precautions for user:** None additional

**14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:**

Not applicable

### Section 15. Regulatory information

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

Water Hazard Class (WGK): 2

#### **15.2 Chemical Safety Assessment**

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

### Section 16. Other information

**Concentration % Limits:** EDI 2=14.41% EH C3=25.64%

**Total Fractional Values:** EDI 2=6.94 EH C3=3.90

#### **Key to revisions:**

Classification under Regulation (EC) No 1272/2008

Concentration % Limits

SECTION 3: Composition/information on ingredients

Total Fractional Values

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### Key to abbreviations:

| Abbreviation      | Meaning                                                                                                                          |
|-------------------|----------------------------------------------------------------------------------------------------------------------------------|
| Acute Tox. 4      | Acute Toxicity - Oral Category 4                                                                                                 |
| Aquatic Acute 1   | Hazardous to the Aquatic Environment - Acute Hazard Category 1                                                                   |
| Aquatic Chronic 1 | Hazardous to the Aquatic Environment - Long-term Hazard Category 1                                                               |
| Aquatic Chronic 3 | Hazardous to the Aquatic Environment - Long-term Hazard Category 3                                                               |
| Eye Irrit. 2      | Eye Damage / Irritation Category 2                                                                                               |
| Flam. Liq. 2      | Flammable Liquid, Hazard Category 2                                                                                              |
| H225              | Highly flammable liquid and vapour.                                                                                              |
| H302              | Harmful if swallowed.                                                                                                            |
| H315              | Causes skin irritation.                                                                                                          |
| H317              | May cause an allergic skin reaction.                                                                                             |
| H319              | Causes serious eye irritation.                                                                                                   |
| H336              | May cause drowsiness or dizziness.                                                                                               |
| H400              | Very toxic to aquatic life.                                                                                                      |
| H410              | Very toxic to aquatic life with long lasting effects.                                                                            |
| H412              | Harmful to aquatic life with long lasting effects.                                                                               |
| P210              | Keep away from heat, sparks, open flames and hot surfaces. - No smoking.                                                         |
| P233              | Keep container tightly closed.                                                                                                   |
| P240              | Ground/bond container and receiving equipment.                                                                                   |
| P241              | Use explosion-proof electrical, ventilating and lighting equipment.                                                              |
| P242              | Use only non-sparking tools.                                                                                                     |
| P243              | Take precautionary measures against static discharge.                                                                            |
| P261              | Avoid breathing vapour or dust.                                                                                                  |
| P264              | Wash hands and other contacted skin thoroughly after handling.                                                                   |
| P270              | Do not eat, drink or smoke when using this product.                                                                              |
| P271              | Use only outdoors or in a well-ventilated area.                                                                                  |
| P272              | Contaminated work clothing should not be allowed out of the workplace.                                                           |
| P273              | Avoid release to the environment.                                                                                                |
| P280              | Wear protective gloves/eye protection/face protection.                                                                           |
| P301/312          | IF SWALLOWED: call a POISON CENTER or doctor/physician if you feel unwell.                                                       |
| P302/352          | IF ON SKIN: Wash with plenty of soap and water.                                                                                  |
| P303/361/353      | IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.                       |
| P304/340          | IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.                                 |
| P305/351/338      | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |
| P312              | Call a POISON CENTRE or doctor/physician if you feel unwell.                                                                     |
| P330              | Rinse mouth.                                                                                                                     |
| P333/313          | If skin irritation or rash occurs: Get medical advice/attention.                                                                 |
| P337/313          | If eye irritation persists: Get medical advice/attention.                                                                        |
| P362              | Take off contaminated clothing and wash before reuse.                                                                            |
| P363              | Wash contaminated clothing before reuse.                                                                                         |

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|               |                                                                                                |
|---------------|------------------------------------------------------------------------------------------------|
| P370/378      | In case of fire: Use carbon dioxide, dry chemical, foam for extinction.                        |
| P391          | Collect spillage.                                                                              |
| P403/233/235  | Store in a well-ventilated place. Keep container tightly closed. Keep cool.                    |
| P403/235      | Store in a well-ventilated place. Keep cool.                                                   |
| P405          | Store locked up.                                                                               |
| P501          | Dispose of contents/container to approved disposal site, in accordance with local regulations. |
| STOT SE 3     | Specific Target Organ Toxicity (Single Exposure) Category 3                                    |
| Skin Irrit. 2 | Skin Corrosion / Irritation Category 2                                                         |
| Skin Sens. 1A | Sensitization - Skin Category 1A                                                               |
| Skin Sens. 1B | Sensitization - Skin Category 1B                                                               |

The information in this safety data sheet is to the best of our knowledge true and accurate but all data, instructions, recommendations and/or suggestions are made without guarantee.