

FRAG0018 Black Cherry Fragrance Oil

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830
Issue date: 12/19/2019 Revision date: 12/30/2020 Supersedes version of: 7/9/2019

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

1.1. Product identifier

| | |
|-----------------|---------------------------------------|
| Product form | : Mixture |
| Product name | : FRAG0018 Black Cherry Fragrance Oil |
| UFI | : FRAG0018 Black Cherry Fragrance Oil |
| Product code | : EU33753F |
| Type of product | : Perfumes, Fragrances |
| Product group | : Finished Good |

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

1.2.1. Relevant identified uses

| | |
|----------------------------------|---|
| Main use category | : Industrial use, Professional use |
| Industrial/Professional use spec | : For professional use only Industrial |
| Use of the substance/mixture | : Perfumes, Fragrances |
| Function or use category | : Odour agents |

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

1.4. Emergency telephone number

:

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

| | |
|--|------|
| Skin sensitization, Category 1 | H317 |
| Hazardous to the aquatic environment - Chronic Hazard Category 3 | H412 |
| Full text of H statements : see section 16 | |

Adverse physicochemical, human health and environmental effects

Harmful to aquatic life with long lasting effects. May cause an allergic skin reaction.

2.2. Label elements

Labeling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP)

:



GHS07

Signal word (CLP)

: Warning

Contains

: Citronellol Pure; Damascenone Total; Geranyl acetate; Hexyl salicylate; Iso E Super; L-Carvone; Nerol; Orange oil ; Trimofix O

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Hazard statements (CLP)

: H317 - May cause an allergic skin reaction.
H412 - Harmful to aquatic life with long lasting effects.

Precautionary statements (CLP)

: P272 - Contaminated work clothing should not be allowed out of the workplace.
P273 - Avoid release to the environment.
P280 - Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.
P302+P352 - IF ON SKIN: Wash with plenty of water.
P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.
P362+P364 - Take off contaminated clothing and wash it before reuse.

2.3. Other hazards

No additional information available

SECTION 3: Composition/Information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

| Name | Product identifier | % | Classification according to Regulation (EC) No. 1272/2008 [CLP] |
|---|--|--------------|--|
| Benzene carboxaldehyde | (CAS-No.) 100-52-7 (EC-No.) 202-860-4 (EC Index-No.) 605-012-00-5 (REACH-no) 01-2119455540-44 | 14.25 – 28.5 | Acute Tox. 4 (Oral), H302 |
| methyl anthranilate | (CAS-No.) 134-20-3 (EC-No.) 205-132-4 | 1.675 – 3.35 | Eye Irrit. 2, H319 |
| Phenylmethanol | (CAS-No.) 100-51-6 (EC-No.) 202-859-9 (EC Index-No.) 603-057-00-5 (REACH-no) 01-2119492630-38 | 1.625 – 3.25 | Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Inhalation), H332 |
| Veltol plus crystals | (CAS-No.) 4940-11-8 (EC-No.) 225-582-5 | 1 – 2 | Acute Tox. 4 (Oral), H302 |
| Iso E Super | (CAS-No.) 54464-57-2 (EC-No.) 259-174-3 (REACH-no) 01-2119489989-04 | 0.925 – 1.85 | Skin Sens. 1, H317 Aquatic Chronic 2, H411 |
| Leaf alcohol | (CAS-No.) 928-96-1 (EC-No.) 213-192-8 | 0.75 – 1.5 | Flam. Liq. 3, H226 Eye Irrit. 2, H319 |
| Orange oil | (CAS-No.) 8008-57-9 (EC-No.) 232-433-8 (REACH-no) 01-2119493353-35 | 0.75 – 1.5 | Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1, H317 Asp. Tox. 1, H304 Aquatic Acute 1, H400 Aquatic Chronic 2, H411 |
| Hexyl salicylate | (CAS-No.) 6259-76-3 (EC-No.) 228-408-6 | 0.325 – 0.65 | Skin Irrit. 2, H315 Skin Sens. 1, H317 Aquatic Chronic 1, H410 |
| Diphenyl oxide substance with a Community workplace exposure limit | (CAS-No.) 101-84-8 (EC-No.) 202-981-2 (REACH-no) 01-2119472545-33 | 0.2 – 0.4 | Eye Irrit. 2, H319 Aquatic Acute 1, H400 Aquatic Chronic 1, H410 |
| Cedarwood oil, Texas | (CAS-No.) 68990-83-0 (EC-No.) 294-461-7;614-888-8 | 0.175 – 0.35 | Asp. Tox. 1, H304 Aquatic Acute 1, H400 Aquatic Chronic 1, H410 |

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|-------------------|--|--------------|---|
| Amyl salicylate | (CAS-No.) 2050-08-0 (EC-No.) 218-080-2 (REACH-no) 01-2119969444-27 | 0.15 – 0.3 | Acute Tox. 4 (Oral), H302 Aquatic Chronic 1, H410 |
| Trimofix O | (CAS-No.) 144020-22-4 (EC-No.) 482-330-9 | 0.15 – 0.3 | Aquatic Acute 1, H400 Aquatic Chronic 1, H410 Skin Sens. 1B, H317 |
| Citronellol Pure | (CAS-No.) 106-22-9 (EC-No.) 203-375-0 (REACH-no) 01-2119453995-23 | 0.075 – 0.15 | Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1B, H317 |
| Damascenone Total | (CAS-No.) 23696-85-7 (EC-No.) 245-833-2 | 0.075 – 0.15 | Skin Sens. 1, H317 Aquatic Chronic 2, H411 |
| L-Carvone | (CAS-No.) 6485-40-1 (EC-No.) 229-352-5 (EC Index-No.) 606-148-00-8 | 0.075 – 0.15 | Skin Sens. 1B, H317 |
| Nerol | (CAS-No.) 106-25-2 (EC-No.) 203-378-7 | 0.075 – 0.15 | Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317 |
| Geranyl acetate | (CAS-No.) 105-87-3 (EC-No.) 203-341-5 (REACH-no) 01-2119973480-35 | 0.05 – 0.1 | Skin Irrit. 2, H315 Skin Sens. 1, H317 Aquatic Chronic 3, H412 |

Full text of H-phrases: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

| | |
|---------------------------------------|--|
| First-aid measures general | : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible). |
| First-aid measures after inhalation | : Remove person to fresh air and keep comfortable for breathing. Allow affected person to breathe fresh air. Allow the victim to rest. |
| First-aid measures after skin contact | : Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. If skin irritation or rash occurs: Get medical advice/attention. Specific treatment (see Get medical advice/attention. on this label). If skin irritation occurs: Get medical advice/attention. Wash skin with plenty of water. Take off contaminated clothing. If skin irritation or rash occurs: Get medical advice/attention. |
| First-aid measures after eye contact | : Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persists. Rinse eyes with water as a precaution. |
| First-aid measures after ingestion | : Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention. Call a poison center/doctor/physician if you feel unwell. |

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

| | |
|-------------------------------------|--|
| Symptoms/effects | : Not expected to present a significant hazard under anticipated conditions of normal use. |
| Symptoms/effects after skin contact | : May cause an allergic skin reaction. |

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

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

| | |
|--------------------------------|--|
| Suitable extinguishing media | : Water spray. Dry powder. Foam. Carbon dioxide. Sand. |
| Unsuitable extinguishing media | : Do not use a heavy water stream. |

5.2. Special hazards arising from the substance or mixture

| | |
|-------------|-----------------------|
| Fire hazard | : Combustible liquid. |
|-------------|-----------------------|

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- Explosion hazard : May form flammable/explosive vapor-air mixture.
Hazardous decomposition products in case of fire : Toxic fumes may be released.

5.3. Advice for firefighters

- Firefighting instructions : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment.
Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection. Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

- General measures : Remove ignition sources. Use special care to avoid static electric charges. No open flames. No smoking.

6.1.1. For non-emergency personnel

- Emergency procedures : Ventilate spillage area. Evacuate unnecessary personnel. Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapors/spray.

6.1.2. For emergency responders

- Protective equipment : Do not attempt to take action without suitable protective equipment. Equip cleanup crew with proper protection. For further information refer to section 8: "Exposure controls/personal protection".
Emergency procedures : Ventilate area.

6.2. Environmental precautions

Avoid release to the environment. Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

- Methods for cleaning up : Take up liquid spill into absorbent material. Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.
Other information : Dispose of materials or solid residues at an authorized site.

6.4. Reference to other sections

See Heading 8. Exposure controls and personal protection. For further information refer to section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

- Additional hazards when processed : Handle empty containers with care because residual vapors are flammable. Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
Precautions for safe handling : Ensure good ventilation of the work station. Wear personal protective equipment. No open flames. No smoking. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapor. Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapors/spray.
Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the product. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse.

7.2. Conditions for safe storage, including any incompatibilities

- Technical measures : Proper grounding procedures to avoid static electricity should be followed.
Storage conditions : Keep in fireproof place. Keep only in the original container in a cool, well ventilated place away from : Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep container closed when not in use. Store in a well-ventilated place. Keep cool.

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| | |
|----------------------------|---|
| Incompatible products | : Strong bases. Strong acids. |
| Incompatible materials | : Heat sources. Sources of ignition. Direct sunlight. |
| Storage temperature | : 25 °C |
| Storage area | : Store in a well-ventilated place. Store away from heat. |
| Special rules on packaging | : Store in a closed container. |
| Packaging materials | : Do not store in corrodable metal. |

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1 National occupational exposure and biological limit values

| Benzene carboxaldehyde (100-52-7) | |
|--|------------------------|
| Bulgaria - Occupational Exposure Limits | |
| OEL TWA | 5 mg/m ³ |
| Finland - Occupational Exposure Limits | |
| HTP (OEL TWA) [1] | 4.4 mg/m ³ |
| HTP (OEL TWA) [2] | 1 ppm |
| OEL Ceiling | 17.4 mg/m ³ |
| OEL Ceiling [ppm] | 4 ppm |
| Hungary - Occupational Exposure Limits | |
| AK (OEL TWA) | 5 mg/m ³ |
| CK (OEL STEL) | 10 mg/m ³ |
| Latvia - Occupational Exposure Limits | |
| OEL TWA | 5 mg/m ³ |
| Lithuania - Occupational Exposure Limits | |
| IPRV (OEL TWA) | 5 mg/m ³ |
| Poland - Occupational Exposure Limits | |
| NDS (OEL TWA) | 10 mg/m ³ |
| NDSch (OEL STEL) | 40 mg/m ³ |

| Phenylmethanol (100-51-6) | |
|---|---|
| Bulgaria - Occupational Exposure Limits | |
| OEL TWA | 5 mg/m ³ |
| Czech Republic - Occupational Exposure Limits | |
| PEL (OEL TWA) | 40 mg/m ³ |
| Finland - Occupational Exposure Limits | |
| HTP (OEL TWA) [1] | 45 mg/m ³ |
| HTP (OEL TWA) [2] | 10 ppm |
| Germany - Occupational Exposure Limits (TRGS 900) | |
| AGW (OEL TWA) [1] | 22 mg/m ³ (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed) |
| AGW (OEL TWA) [2] | 5 ppm (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed) |

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| Phenylmethanol (100-51-6) | |
|--|--|
| Chemical category | skin notation |
| Latvia - Occupational Exposure Limits | |
| OEL TWA | 5 mg/m ³ |
| Lithuania - Occupational Exposure Limits | |
| IPRV (OEL TWA) | 5 mg/m ³ |
| Chemical category | skin notation |
| Poland - Occupational Exposure Limits | |
| NDS (OEL TWA) | 240 mg/m ³ |
| Slovenia - Occupational Exposure Limits | |
| OEL TWA | 22 mg/m ³ |
| OEL TWA [ppm] | 5 ppm |
| OEL STEL | 44 mg/m ³ |
| OEL STEL [ppm] | 10 ppm |
| Chemical category | Potential for cutaneous absorption |
| Switzerland - Occupational Exposure Limits | |
| MAK (OEL TWA) [1] | 22 mg/m ³ (aerosol, vapour) |
| MAK (OEL TWA) [2] | 5 ppm (aerosol, vapour) |
| Chemical category | skin notation |

| Diphenyl oxide (101-84-8) | |
|--|------------------------------|
| EU - Indicative Occupational Exposure Limit (IOEL) | |
| IOEL TWA | 7 mg/m ³ |
| IOEL TWA [ppm] | 1 ppm |
| IOEL STEL | 14 mg/m ³ |
| IOEL STEL [ppm] | 2 ppm |
| Austria - Occupational Exposure Limits | |
| MAK (OEL TWA) | 7 mg/m ³ |
| MAK (OEL TWA) [ppm] | 1 ppm |
| MAK (OEL STEL) | 14 mg/m ³ |
| MAK (OEL STEL) [ppm] | 2 ppm |
| Belgium - Occupational Exposure Limits | |
| OEL TWA | 7 mg/m ³ (vapor) |
| OEL TWA [ppm] | 1 ppm (vapor) |
| OEL STEL | 14 mg/m ³ (vapor) |
| OEL STEL [ppm] | 2 ppm (vapor) |
| Bulgaria - Occupational Exposure Limits | |
| OEL TWA | 7 mg/m ³ |
| OEL TWA [ppm] | 1 ppm |
| OEL STEL | 14 mg/m ³ |
| OEL STEL [ppm] | 2 ppm |

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| Diphenyl oxide (101-84-8) | |
|---|--|
| Croatia - Occupational Exposure Limits | |
| GVI (OEL TWA) [1] | 7 mg/m ³ |
| GVI (OEL TWA) [2] | 1 ppm |
| KGVI (OEL STEL) | 14 mg/m ³ |
| KGVI (OEL STEL) [ppm] | 2 ppm |
| Cyprus - Occupational Exposure Limits | |
| OEL TWA | 7 mg/m ³ |
| OEL TWA [ppm] | 1 ppm |
| OEL STEL | 14 mg/m ³ |
| OEL STEL [ppm] | 2 ppm |
| Czech Republic - Occupational Exposure Limits | |
| PEL (OEL TWA) | 5 mg/m ³ |
| Denmark - Occupational Exposure Limits | |
| OEL TWA [1] | 7 mg/m ³ |
| OEL TWA [2] | 1 ppm |
| Estonia - Occupational Exposure Limits | |
| OEL TWA | 7 mg/m ³ |
| OEL TWA [ppm] | 1 ppm |
| OEL STEL | 14 mg/m ³ |
| OEL STEL [ppm] | 2 ppm |
| Finland - Occupational Exposure Limits | |
| HTP (OEL TWA) [1] | 7 mg/m ³ |
| HTP (OEL TWA) [2] | 1 ppm |
| HTP (OEL STEL) | 14 mg/m ³ |
| HTP (OEL STEL) [ppm] | 2 ppm |
| France - Occupational Exposure Limits | |
| VME (OEL TWA) | 7 mg/m ³ |
| VME (OEL TWA) [ppm] | 1 ppm |
| Germany - Occupational Exposure Limits (TRGS 900) | |
| AGW (OEL TWA) [1] | 7.1 mg/m ³ (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed-vapor) |
| AGW (OEL TWA) [2] | 1 ppm (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed-vapor) |
| Gibraltar - Occupational Exposure Limits | |
| OEL TWA | 7 mg/m ³ |
| OEL TWA [ppm] | 1 ppm |
| OEL STEL | 14 mg/m ³ |
| OEL STEL [ppm] | 200 ppm |
| Greece - Occupational Exposure Limits | |
| OEL TWA | 7 mg/m ³ |
| OEL TWA [ppm] | 1 ppm |

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| Diphenyl oxide (101-84-8) | |
|--|---|
| OEL STEL | 14 mg/m ³ |
| OEL STEL [ppm] | 2 ppm |
| Hungary - Occupational Exposure Limits | |
| AK (OEL TWA) | 7 mg/m ³ |
| CK (OEL STEL) | 14 mg/m ³ |
| Ireland - Occupational Exposure Limits | |
| OEL TWA [1] | 7 mg/m ³ (vapour) |
| OEL TWA [2] | 1 ppm (vapour) |
| OEL STEL | 14 mg/m ³ (vapour) |
| OEL STEL [ppm] | 2 ppm (vapour) |
| Latvia - Occupational Exposure Limits | |
| OEL TWA | 7 mg/m ³ |
| OEL TWA [ppm] | 1 ppm |
| Lithuania - Occupational Exposure Limits | |
| IPRV (OEL TWA) | 7 mg/m ³ |
| IPRV (OEL TWA) [ppm] | 1 ppm |
| TPRV (OEL STEL) | 14 mg/m ³ |
| TPRV (OEL STEL) [ppm] | 2 ppm |
| Luxembourg - Occupational Exposure Limits | |
| OEL TWA | 7 mg/m ³ |
| OEL TWA [ppm] | 1 ppm |
| OEL STEL | 14 mg/m ³ |
| OEL STEL [ppm] | 2 ppm |
| Malta - Occupational Exposure Limits | |
| OEL TWA | 7 mg/m ³ |
| OEL TWA [ppm] | 1 ppm |
| OEL STEL | 14 mg/m ³ |
| OEL STEL [ppm] | 2 ppm |
| Netherlands - Occupational Exposure Limits | |
| MAC-TGG (OEL TWA) | 7 mg/m ³ |
| MAC-15 (OEL STEL) | 14 mg/m ³ |
| Poland - Occupational Exposure Limits | |
| NDS (OEL TWA) | 7 mg/m ³ |
| NDSch (OEL STEL) | 14 mg/m ³ |
| Portugal - Occupational Exposure Limits | |
| OEL TWA | 7 mg/m ³ |
| OEL TWA [ppm] | 1 ppm (vapor) |
| OEL STEL | 14 mg/m ³ (indicative limit value) |
| OEL STEL [ppm] | 2 ppm (indicative limit value-vapor) |

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| Diphenyl oxide (101-84-8) | |
|---|---|
| Romania - Occupational Exposure Limits | |
| OEL TWA | 5 mg/m ³ |
| OEL TWA [ppm] | 0.7 ppm |
| OEL STEL | 10 mg/m ³ |
| OEL STEL [ppm] | 1.4 ppm |
| Slovakia - Occupational Exposure Limits | |
| NPHV (OEL TWA) [1] | 7 mg/m ³ |
| NPHV (OEL TWA) [2] | 1 ppm |
| NPHV (OEL C) | 7.1 mg/m ³ |
| Slovenia - Occupational Exposure Limits | |
| OEL TWA | 7 mg/m ³ |
| OEL TWA [ppm] | 1 ppm |
| OEL STEL | 14 mg/m ³ |
| OEL STEL [ppm] | 2 ppm |
| Spain - Occupational Exposure Limits | |
| VLA-ED (OEL TWA) [1] | 7.1 mg/m ³ (vapor) |
| VLA-ED (OEL TWA) [2] | 1 ppm (vapor) |
| VLA-EC (OEL STEL) | 14.2 mg/m ³ (vapor) |
| VLA-EC (OEL STEL) [ppm] | 2 ppm (vapor) |
| Sweden - Occupational Exposure Limits | |
| NGV (OEL TWA) | 7 mg/m ³ |
| NGV (OEL TWA) [ppm] | 1 ppm |
| KTV (OEL STEL) | 14 mg/m ³ |
| KTV (OEL STEL) [ppm] | 2 ppm |
| United Kingdom - Occupational Exposure Limits | |
| WEL TWA (OEL TWA) [1] | 7.1 mg/m ³ (vapour) |
| WEL TWA (OEL TWA) [2] | 1 ppm (vapour) |
| WEL STEL (OEL STEL) | 21.3 mg/m ³ (calculated-vapour) |
| WEL STEL (OEL STEL) [ppm] | 3 ppm (calculated-vapour) |
| Norway - Occupational Exposure Limits | |
| Grenseverdi (OEL TWA) [1] | 7 mg/m ³ |
| Grenseverdi (OEL TWA) [2] | 1 ppm |
| Korttidsverdi (OEL STEL) | 14 mg/m ³ (value calculated) |
| Korttidsverdi (OEL STEL) [ppm] | 2 ppm (value calculated) |
| Switzerland - Occupational Exposure Limits | |
| MAK (OEL TWA) [1] | 7 mg/m ³ (aerosol, vapour) |
| MAK (OEL TWA) [2] | 1 ppm (aerosol, vapour) |
| KZGW (OEL STEL) | 7 mg/m ³ (aerosol, vapour) |
| KZGW (OEL STEL) [ppm] | 1 ppm (aerosol, vapour) |
| Chemical category | Category 2 developmental toxin, Category 2 reproductive toxin |

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Diphenyl oxide (101-84-8)

USA - ACGIH - Occupational Exposure Limits

| | |
|----------------------|------------------------|
| ACGIH OEL TWA [ppm] | 1 ppm (vapor) |
| ACGIH OEL STEL [ppm] | 2 ppm (vapor fraction) |

8.1.2. Recommended monitoring procedures

No additional information available

8.1.3. Air contaminants formed

No additional information available

8.1.4. DNEL and PNEC

No additional information available

8.1.5. Control banding

No additional information available

8.2. Exposure controls

8.2.1. Appropriate engineering controls

Appropriate engineering controls:

Ensure good ventilation of the work station.

8.2.2. Personal protection equipment

Personal protective equipment:

Avoid all unnecessary exposure.

Personal protective equipment symbol(s):



8.2.2.1. Eye and face protection

Eye protection:

Chemical goggles or safety glasses. Safety glasses

8.2.2.2. Skin protection

Skin and body protection:

Wear suitable protective clothing

Hand protection:

Wear protective gloves.

8.2.2.3. Respiratory protection

Respiratory protection:

Wear appropriate mask

8.2.2.4. Thermal hazards

No additional information available

8.2.3. Environmental exposure controls

Environmental exposure controls:

Avoid release to the environment.

Other information:

Do not eat, drink or smoke during use.

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SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|---|-----------------------------------|
| Physical state | : Liquid |
| Color | : light yellow. amber. |
| Odor | : characteristic. |
| Odor threshold | : No data available |
| pH | : No data available |
| Relative evaporation rate (butyl acetate=1) | : No data available |
| Melting point | : Not applicable |
| Freezing point | : No data available |
| Boiling point | : No data available |
| Flash point | : 65.9 °C (closed cup) ASTM D7094 |
| Auto-ignition temperature | : No data available |
| Decomposition temperature | : No data available |
| Flammability (solid, gas) | : Not applicable |
| Vapor pressure | : No data available |
| Relative vapor density at 20 °C | : No data available |
| Relative density | : ≈ 0.97 |
| Solubility | : No data available |
| Partition coefficient n-octanol/water (Log Pow) | : No data available |
| Viscosity, kinematic | : No data available |
| Viscosity, dynamic | : No data available |
| Explosive properties | : No data available |
| Oxidizing properties | : No data available |
| Explosion limits | : No data available |

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

Combustible liquid. May form flammable/explosive vapor-air mixture. Not established.

10.3. Possibility of hazardous reactions

Not established.

10.4. Conditions to avoid

Open flame. Overheating. Direct sunlight. Heat. Sparks. Extremely high or low temperatures.

10.5. Incompatible materials

Strong acids. Strong bases.

10.6. Hazardous decomposition products

May release flammable gases. fume. Carbon monoxide. Carbon dioxide.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

| | |
|-----------------------------|------------------|
| Acute toxicity (oral) | : Not classified |
| Acute toxicity (dermal) | : Not classified |
| Acute toxicity (inhalation) | : Not classified |

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according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Amyl salicylate (2050-08-0)

| | |
|--------------------|------------------------|
| LD50 oral rat | 4100 mg/kg |
| LD50 oral | 2000 mg/kg body weight |
| LD50 dermal rabbit | > 5000 mg/kg |

Benzene carboxaldehyde (100-52-7)

| | |
|--------------------|--------------|
| LD50 oral rat | 1292 mg/kg |
| LD50 dermal rabbit | > 1250 mg/kg |

Phenylmethanol (100-51-6)

| | |
|---------------|------------------------|
| LD50 oral rat | 1230 mg/kg |
| LD50 oral | 1620 mg/kg body weight |
| LD50 dermal | 2500 mg/kg body weight |

Citronellol Pure (106-22-9)

| | |
|--------------------|------------------------|
| LD50 oral rat | 3450 mg/kg |
| LD50 oral | 3450 mg/kg body weight |
| LD50 dermal rabbit | 2650 mg/kg |
| LD50 dermal | 2650 mg/kg body weight |

Diphenyl oxide (101-84-8)

| | |
|-----------------------------------|------------------------|
| LD50 oral rat | 2450 mg/kg |
| LD50 oral | 2830 mg/kg body weight |
| LD50 dermal rabbit | > 7940 mg/kg |
| LC50 Inhalation - Rat (Dust/Mist) | 1.5 mg/l/4h |

Damascenone Total (23696-85-7)

| | |
|-------------|------------------------|
| LD50 dermal | 2900 mg/kg body weight |
|-------------|------------------------|

Geranyl acetate (105-87-3)

| | |
|---------------|------------|
| LD50 oral rat | 6330 mg/kg |
|---------------|------------|

Nerol (106-25-2)

| | |
|--------------------|------------------------|
| LD50 oral rat | 4500 mg/kg |
| LD50 oral | 4500 mg/kg body weight |
| LD50 dermal rabbit | > 5 g/kg |

methyl anthranilate (134-20-3)

| | |
|--------------------|------------------------|
| LD50 oral rat | 2910 mg/kg |
| LD50 oral | 2780 mg/kg body weight |
| LD50 dermal rabbit | 5000 mg/kg |

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Hexyl salicylate (6259-76-3)

| | |
|---------------|----------|
| LD50 oral rat | > 5 g/kg |
|---------------|----------|

L-Carvone (6485-40-1)

| | |
|---------------|------------------------|
| LD50 oral rat | 5400 mg/kg |
| LD50 dermal | 3800 mg/kg body weight |

Leaf alcohol (928-96-1)

| | |
|--------------------|------------|
| LD50 oral rat | 4700 mg/kg |
| LD50 dermal rabbit | 5000 mg/kg |

Trimofix O (144020-22-4)

| | |
|---------------|--------------|
| LD50 oral rat | > 5000 mg/kg |
|---------------|--------------|

Orange oil (8008-57-9)

| | |
|--------------------|--------------|
| LD50 oral rat | 4400 mg/kg |
| LD50 dermal rabbit | > 5000 mg/kg |

Veltol plus crystals (4940-11-8)

| | |
|---------------|------------------------|
| LD50 oral rat | 1150 mg/kg |
| LD50 oral | 1200 mg/kg body weight |

| | |
|---|--|
| Skin corrosion/irritation | : Not classified |
| Serious eye damage/irritation | : Not classified |
| Respiratory or skin sensitization | : May cause an allergic skin reaction. |
| Germ cell mutagenicity | : Not classified |
| Carcinogenicity | : Not classified |
| Reproductive toxicity | : Not classified |
| STOT-single exposure | : Not classified |
| STOT-repeated exposure | : Not classified |
| Aspiration hazard | : Not classified |
| Potential Adverse human health effects and symptoms | : Based on available data, the classification criteria are not met |

SECTION 12: Ecological information

12.1. Toxicity

| | |
|---|--|
| Ecology - general | : Harmful to aquatic life with long lasting effects. |
| Hazardous to the aquatic environment, short-term (acute) | : Not classified |
| Hazardous to the aquatic environment, long-term (chronic) | : Harmful to aquatic life with long lasting effects. |

Benzene carboxaldehyde (100-52-7)

| | |
|-----------------|--|
| LC50 - Fish [1] | 10.6 – 11.8 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [flow-through]) |
|-----------------|--|

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| | |
|-----------------|--|
| LC50 - Fish [2] | 12.69 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static]) |
|-----------------|--|

Phenylmethanol (100-51-6)

| | |
|----------------------|--|
| LC50 - Fish [1] | 460 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static]) |
| LC50 - Fish [2] | 10 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static]) |
| EC50 - Crustacea [1] | 23 mg/l (Exposure time: 48 h - Species: water flea) |

Nerol (106-25-2)

| | |
|-----------------|--|
| LC50 - Fish [1] | 20.3 mg/l (Exposure time: 96 h - Species: Danio rerio [semi-static]) |
|-----------------|--|

L-Carvone (6485-40-1)

| | |
|-----------------|---|
| LC50 - Fish [1] | 6.1 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [semi-static]) |
|-----------------|---|

Leaf alcohol (928-96-1)

| | |
|-----------------|--|
| LC50 - Fish [1] | 352 – 412 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through]) |
|-----------------|--|

Trimofix O (144020-22-4)

| | |
|-----------------|---|
| LC50 - Fish [1] | 0.63 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static]) |
|-----------------|---|

Veltol plus crystals (4940-11-8)

| | |
|-----------------|--|
| LC50 - Fish [1] | > 85 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss) |
|-----------------|--|

12.2. Persistence and degradability

FRAG0018 Black Cherry Fragrance Oil

| | |
|-------------------------------|------------------|
| Persistence and degradability | Not established. |
|-------------------------------|------------------|

Cedarwood oil, Texas (68990-83-0)

| | |
|-------------------------------|------------------|
| Persistence and degradability | Not established. |
|-------------------------------|------------------|

12.3. Bioaccumulative potential

FRAG0018 Black Cherry Fragrance Oil

| | |
|---------------------------|------------------|
| Bioaccumulative potential | Not established. |
|---------------------------|------------------|

Benzene carboxaldehyde (100-52-7)

| | |
|---|----------------------------------|
| BCF - Fish [1] | (no significant bioaccumulation) |
| Partition coefficient n-octanol/water (Log Pow) | 1.48 (at 20 °C) |

Phenylmethanol (100-51-6)

| | |
|---|-----|
| Partition coefficient n-octanol/water (Log Pow) | 1.1 |
|---|-----|

Cedarwood oil, Texas (68990-83-0)

| | |
|---------------------------|------------------|
| Bioaccumulative potential | Not established. |
|---------------------------|------------------|

Diphenyl oxide (101-84-8)

| | |
|----------------|-----|
| BCF - Fish [1] | 470 |
|----------------|-----|

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Partition coefficient n-octanol/water (Log Pow)

4.2

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Other adverse effects

Additional information : Avoid release to the environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.
Product/Packaging disposal recommendations : Dispose of contents/container in accordance with local/national laws and regulations.
Dispose in a safe manner in accordance with local/national regulations.
Additional information : Handle empty containers with care because residual vapors are flammable.
Ecology - waste materials : Avoid release to the environment.

SECTION 14: Transport information

In accordance with ADR / IMDG / IATA / ADN / RID

14.1 UN number

UN-No. (ADR) : Not applicable
UN-No. (IMDG) : Not applicable
UN-No. (IATA) : Not applicable
UN-No. (ADN) : Not applicable
UN-No. (RID) : Not applicable

14.2. UN proper shipping name

Proper Shipping Name (ADR) : Not applicable
Proper Shipping Name (IMDG) : Not applicable
Proper Shipping Name (IATA) : Not applicable
Proper Shipping Name (ADN) : Not applicable
Proper Shipping Name (RID) : Not applicable

14.3. Transport hazard class(es)

ADR
Transport hazard class(es) (ADR) : Not applicable
IMDG
Transport hazard class(es) (IMDG) : Not applicable
IATA
Transport hazard class(es) (IATA) : Not applicable
ADN
Transport hazard class(es) (ADN) : Not applicable
RID
Transport hazard class(es) (RID) : Not applicable

14.4. Packing group

Packing group (ADR) : Not applicable
Packing group (IMDG) : Not applicable

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according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Packing group (IATA) : Not applicable
Packing group (ADN) : Not applicable
Packing group (RID) : Not applicable

14.5. Environmental hazards

Dangerous for the environment : No
Marine pollutant : No
Other information : No supplementary information available

14.6. Special precautions for user

Overland transport

Not applicable

Transport by sea

Not applicable

Air transport

Not applicable

Inland waterway transport

Not applicable

Rail transport

Not applicable

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

| | |
|--|---|
| The following restrictions are applicable according to Annex XVII of the REACH Regulation (EC) No 1907/2006: | |
| Reference code | Applicable |
| 3(b) | Amyl salicylate ; Benzene carboxaldehyde ; Phenylmethanol ; Cedarwood oil, Texas ; Citronellol Pure ; Damascenone Total ; Geranyl acetate ; Hexyl salicylate ; Iso E Super ; L-Carvone ; Leaf alcohol ; methyl anthranilate ; Nerol ; Orange oil ; Trimofix O |
| 3(c) | Amyl salicylate ; Cedarwood oil, Texas ; Damascenone Total ; Geranyl acetate ; Hexyl salicylate ; Iso E Super ; Orange oil ; Trimofix O |
| 3(a) | Leaf alcohol ; Orange oil |
| 40. | Leaf alcohol ; Orange oil |

Contains no REACH candidate substance

Contains no REACH Annex XIV substances.

Contains no substance subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals.

Contains no substance(s) subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants

15.1.2. National regulations

France

Professional diseases

| Code | Description |
|-------|---|
| RG 84 | Conditions caused by liquid organic solvents for professional use: saturated or unsaturated aliphatic or cyclic liquid hydrocarbons and mixtures thereof; liquid halogenated hydrocarbons; nitrated derivatives of aliphatic hydrocarbons; alcohols; glycols, glycol ethers; ketones; aldehydes; aliphatic and cyclic ethers, including tetrahydrofuran; esters; dimethylformamide and dimethylacetamine; acetonitrile and propionitrile; pyridine; dimethylsulfone and dimethylsulfoxide |

Germany

Water hazard class (WGK) : WGK 2, significant hazardous to water (Classification according to AwSV, Annex 1)
Hazardous Incident Ordinance (12. BImSchV) : Is not subject of the Hazardous Incident Ordinance (12. BImSchV)

FRAG0018 Black Cherry Fragrance Oil

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Netherlands

SZW-lijst van kankerverwekkende stoffen : Cedarwood oil, Texas ,Orange oil are listed
SZW-lijst van mutagene stoffen : Orange oil is listed
NIET-limitatieve lijst van voor de voortplanting : None of the components are listed
giftige stoffen – Borstvoeding
NIET-limitatieve lijst van voor de voortplanting : None of the components are listed
giftige stoffen – Vruchtbaarheid
NIET-limitatieve lijst van voor de voortplanting : None of the components are listed
giftige stoffen – Ontwikkeling

Denmark

Class for fire hazard : Class III-1
Store unit : 50 liter
Classification remarks : Flammable according to the Danish Ministry of Justice; Emergency management guidelines for the storage of flammable liquids must be followed
Danish National Regulations : Young people below the age of 18 years are not allowed to use the product

Switzerland

Storage class (LK) : LK 10/12 - Liquids

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

Other information : None.

Full text of H- and EUH-phrases:

| | |
|---------------------------|--|
| Acute Tox. 4 (Inhalation) | Acute toxicity (inhalation) Category 4 |
| Acute Tox. 4 (Oral) | 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 - Chronic Hazard Category 1 |
| Aquatic Chronic 2 | Hazardous to the aquatic environment - Chronic Hazard Category 2 |
| Aquatic Chronic 3 | Hazardous to the aquatic environment - Chronic Hazard Category 3 |
| Asp. Tox. 1 | Aspiration hazard Category 1 |
| Eye Irrit. 2 | Serious eye damage/eye irritation, Category 2 |
| Flam. Liq. 3 | Flammable liquids Category 3 |
| Skin Irrit. 2 | Skin corrosion/irritation Category 2 |
| Skin Sens. 1 | Skin sensitization, Category 1 |
| Skin Sens. 1B | Skin sensitization, Category 1B |
| H226 | Flammable liquid and vapor. |
| H302 | Harmful if swallowed. |
| 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. |
| H332 | Harmful if inhaled. |
| 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. |

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according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

| | |
|------|--|
| H412 | Harmful to aquatic life with long lasting effects. |
|------|--|

Safety Data Sheet (SDS), EU

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.

BLACK CHERRY FRAGRANCE OIL _ FRAG0018.

REGULATION (EC) No 1223/2009 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL - COMMISSION REGULATION (EU) No 344/2013 - COMMISSION REGULATION (EU) No 483/2013

Issue date(DD/MM/YEAR): 19/12/2019 Revision date: 30/12/2020 Supersedes version of: 09/07/2019

Version:

DECLARATION OF COMPLIANCE FOR PERFUME COMPOUNDS (DCP)

The adoption of the 7th amendment of the European Cosmetic Directive 76/768/EEC requires any cosmetic product containing any of 26 raw materials identified by the Scientific Committee on Cosmetic Products and Non-Food Products intended for Consumers as likely to cause a contact allergy when present above certain trigger levels to be declared on the package label.

| ALLERGENS | | |
|-------------------------------------|-----------|-----------------------|
| Name of common ingredients glossary | CAS-No. | Allergen % in product |
| d-Limonene | 5989-27-5 | 1.431 |
| Citronellol | 106-22-9 | 0.15 |
| Benzyl alcohol | 100-51-6 | 3.25 |

CERTIFICATE OF CONFORMITY OF FRAGRANCE MIXTURES WITH IFRA STANDARDS

This certificate assesses the conformity of the fragrance mixture with IFRA Standards and provides restrictions for use as necessary. It is based only on those materials subject to IFRA Standards for the toxicity endpoint(s) described in each Standard.

This Certificate does therefore not replace a comprehensive safety assessment of the fragrance mixture.

CERTIFYING PARTY:

CERTIFICATE DELIVERED TO:
Interested Party

SCOPE OF THE CERTIFICATE:

FRAG0018Black Cherry Fragrance Oil

Compulsory information:

We certify that the above mixture is in compliance with the Standards of the INTERNATIONAL FRAGRANCE ASSOCIATION (IFRA), up to and including the 50th Amendment to the IFRA Code of Practice (published June, 2021) provided it is used in the following class(es) at a maximum concentration level of:

| IFRA Category(ies) [see Table 10 in Guidance for the use of IFRA Standards for details] | Level of use (%)* | Product application |
|---|-------------------|---|
| Category 1 | 0 % | Lip Products of all types (solid and liquid lipsticks, balms, clear or coloured, etc.) Children's toys |
| Category 2 | 0.04912281 % | Deodorant and antiperspirant products of all types including any product with intended or reasonably foreseeable use on the axillae or labelled as such (spray, stick, roll-on, under-arm, de cologne, etc.) Body sprays (including body mist) |
| Category 3 | 0.94736842 % | Eye products of all types (eye shadow, mascara, eyeliner, eye make-up, eye masks, eye pillows, etc.) including eye care and moisturiser |

Disclaimer: This Certificate provides restrictions for use of the specified product based only on those materials restricted by IFRA Standards for the toxicity endpoint(s) described in each Standard. This Certificate does not provide certification of a comprehensive safety assessment of all product constituents. This certificate is the responsibility of the fragrance supplier issuing it. It has not been prepared or endorsed by IFRA in anyway. Comprehensive application safety testing should be conducted by the manufacturer utilizing this fragrance in their product.

| | | |
|-------------|--------------|---|
| | | Facial make up and foundation Make-up remover for face and eyes Nose pore strips Wipes or refreshing tissues for face, neck, hands, body Body and face paint (for children and adults) Facial masks for face and around the eyes |
| Category 4 | 0.87719298 % | Hydro alcoholic and non-hydroalcoholic fine fragrance of all types (Eau de Toilette, Perfume, Cologne, solid perfume, fragrance cream, aftershaves of all types, etc.) Fragranced bracelets Ingredients of perfume kits and fragrance mixtures for cosmetic kits Scent pads, foil packs Scent strips for hydro alcoholic products |
| Category 5A | 0.2245614 % | Body creams, oils, lotions of all types Foot care products (creams and powders) Insect repellent (intended to be applied to the skin) All powders and talc (excluding baby powders and talc) |
| Category 5B | 0.2245614 % | Facial toner Facial moisturisers and creams |
| Category 5C | 0.2245614 % | Hand cream Nail care products including cuticle creams, etc. Hand sanitizers |
| Category 5D | 0.07368421 % | Baby cream/lotion, baby oil, baby powders and talc |
| Category 6 | 0 % | Toothpaste Mouthwash, including breath sprays Tooth powder, strips, mouthwash tablets |
| Category 7A | 1.8245614 % | Hair permanent or other hair chemical treatments (rinse-off) (e.g. relaxers), including rinse-off hair dyes |
| Category 7B | 1.8245614 % | Hair sprays of all types (pumps, aerosol sprays, etc.) Hair styling aids non sprays (mousse, gels, leave-on conditioners) Hair permanent or other hair chemical treatments (leave-on) (e.g. relaxers), including leave-on hair dyes Shampoo - Dry (waterless shampoo) Hair deodorizer |
| Category 8 | 0.07368421 % | Intimate wipes Tampons Baby wipes Toilet paper (wet) |
| Category 9 | 1.71929825 % | Bar soap Shampoo of all type Cleanser for face (rinse-off) Conditioner (rinse-off) Liquid soap Body washes and shower gels of all types |

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| | | |
|--------------|--------------|--|
| | | Baby wash, bath, shampoo Bath gels, foams, mousses, salts, oils and other products added to bathwater Foot care products (feet are placed in a bath for soaking) Shaving creams of all types (stick, gels, foams, etc.) All depilatories (including facial) and waxes for mechanical hair removal Shampoos for pets |
| Category 10A | 1.71929825 % | Hand wash laundry detergent (including concentrates) Laundry pre-treatment of all types (e.g. paste, sprays, sticks) Hand dishwashing detergent (including concentrates) Hard surface cleaners of all types (bathroom and kitchen cleansers, furniture polish, etc.) Machine laundry detergents with skin contact (e.g. liquids, powders) including concentrates Dry cleaning kits Toilet seat wipes Fabric softeners of all types including fabric softener sheets Household cleaning products, other types including fabric cleaners, soft surface cleaners, carpet cleaners, furniture polishes sprays and wipes, leather cleaning wipes, stain removers, fabric enhancing sprays, treatment products for textiles (e.g. starch sprays, fabric treated with fragrances after wash, deodorizers for textiles or fabrics) Floor wax Fragranced oil for lamp ring, reed diffusers, pot-pourri, liquid refills for air fresheners (non-cartridge systems), etc. Ironing water (Deodorized distilled water) |
| Category 10B | 6.31578947 % | Animal sprays – sprays applied to animals of all types Air freshener sprays, manual, including aerosol and pump Aerosol/spray insecticides |
| Category 11A | 0.07368421 % | Feminine hygiene conventional pads, liners, inter labial pads Diapers (baby and adult) Adult incontinence pant, pad Toilet paper (dry) |
| Category 11B | 0.07368421 % | Tights with moisturisers Scented socks, gloves Facial tissues (dry tissues) Napkins Paper towels Wheat bags Facial masks (paper/protective) e.g. surgical masks not used as medical device Fertilizers, solid (pellet or powder) |
| Category 12 | 100 % | Candles of all types (including encased) Laundry detergents for machine wash with minimal skin |

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contact (e.g. Liquid tabs, pods)
 Automated air fresheners and fragrance of all types
 (concentrated aerosol with metered doses (range 0.05-
 0.5mL/spray), plug-ins, closed systems, solid substrate,
 membrane delivery, electrical, powders, fragrance
 sachets, incense, liquid refills (cartridge), air freshening
 crystals)
 Air delivery systems
 Cat litter
 Cell phone cases
 Deodorizers/maskers not intended for skin contact (e.g.
 fabric drying machine deodorizers, carpet powders)
 Fuels
 Insecticides (e.g. mosquito coil, paper, electrical, for
 clothing) excluding aerosols/sprays
 Joss sticks or incense sticks
 Dish wash detergent and deodorizers – for machine wash
 Olfactive board games
 Paints
 Plastic articles (excluding toys)
 Scratch and sniff
 Scent pack
 Scent delivery system (using dry air technology)
 Shoe polishes
 Rim blocks (Toilet)

**Actual use level or maximum use level*

Information about presence and concentration of fragrance ingredients subject to IFRA Standards in the fragrance mixture FRAG0018 Black Cherry Fragrance Oil is as follows:

| Materials under the scope of IFRA Standards | CAS-No. | Recommend at ion from IFRA Standard: | Concentration (%) in fragrance mixture or finished product | Comment |
|---|--|--|---|---------|
| 1-(1,2,3,4,5,6,7,8 Octahydro-2,3,8,8-tetramethyl-2-naphthalenyl) ethanone (OTNE) | 54464-57-2 54464-59-4 68155-66-8 68155-67-9 | Restricted | 1.85 | |
| Acetic acid, anhydride, reaction products with 1,5,10-trimethyl- 1,5,9-cyclododecatriene | 144020-22-4 28371-99-5 | Restricted | 0.3 | |
| Carvone | 2244-16-8 6485-40-1 99-49-0 | Restricted | 0.15 | |
| Citronellol | 106-22-9 1117-61-9 141-25-3 26489-01-0 6812-78-8 | Restricted | 0.15 | |

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| | | | |
|---|--|------------|------|
| | 68916-43-8 7540-51-4 | | |
| Citrus oils and other furocoumarins - containing essential oils | | Restricted | 1.5 |
| Methyl ionone, mixed isomers | 127-42-4 127-43-5 127-51-5 1335-46-2 7779-30-8 79-89-0 1335-94-0 | Restricted | 0.35 |
| Rose ketones | 23696-85-7 23726-91-2 23726-92-3 23726-93-4 23726-94-5 24720-09-0 33673-71-1 35044-68-9 35087-49-1 39872-57-6 43052-87-5 57378-68-4 70266-48-7 71048-82-3 59739-63-8 87064-19-5 | Restricted | 0.15 |
| Benzyl alcohol | 100-51-6 | Restricted | 3.25 |
| Benzaldehyde | 100-52-7 | Restricted | 28.5 |
| Hexyl salicylate | 6259-76-3 | Restricted | 0.65 |

Issue date:08/06/2021

Revision date:07/03/2022

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