# SAFETY DATA SHEET

Version #: 02
Issue date: 23-December-2022
Revision date: 05-April-2023
Supersedes date: 23-December-2022

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

**1.1. Product identifier**

| | |
|---|---|
| **Trade name or designation of the mixture** | CAR AIR FRESHENER ICON "CLASSIC" ANTRADITE - COLD WATER 17CAR60 |
| **Registration number** | - |
| **Synonyms** | None. |
| **Product code** | 17CAR60 |

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

| | |
|---|---|
| **Identified uses** | General Public |
| **Uses advised against** | None known. |

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

**Supplier**

| | |
|---|---|
| **Company name** | Home Fragrance Italia |
| **Address** | Via A. Tonale 26<br>Milano<br>20125<br>IT |
| **Division** | |
| **Telephone** | |
| **e-mail** | Not available. |
| **Contact person** | Not available. |

**1.4. Emergency telephone number**

**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 9154233 (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.) |
| **Hungary National Emergency Phone Number** | 36 80 20 11 99 (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.) |

### 1.4. Emergency telephone number

| | |
|---|---|
| **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)** | 030-274 88 88 (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.) |
| **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**

**Health hazards**

| | | |
|---|---|---|
| Skin corrosion/irritation | Category 2 | H315 - Causes skin irritation. |
| Skin sensitisation | Category 1A | H317 - May cause an allergic skin reaction. |

**Environmental hazards**

| | | |
|---|---|---|
| Hazardous to the aquatic environment, long-term aquatic hazard | Category 2 | H411 - Toxic to aquatic life with long lasting effects. |

### 2.2. Label elements

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

**UFI:**

Austria: T6RH-G5XY-Q008-657D
Belgium: T6RH-G5XY-Q008-657D
Bulgaria: T6RH-G5XY-Q008-657D
Croatia: T6RH-G5XY-Q008-657D
Cyprus: T6RH-G5XY-Q008-657D
Czech Republic: T6RH-G5XY-Q008-657D
Denmark: T6RH-G5XY-Q008-657D
Estonia: T6RH-G5XY-Q008-657D
EU: T6RH-G5XY-Q008-657D
Finland: T6RH-G5XY-Q008-657D
France: T6RH-G5XY-Q008-657D
Germany: T6RH-G5XY-Q008-657D
Great Britain: T6RH-G5XY-Q008-657D
Greece: T6RH-G5XY-Q008-657D
Hungary: T6RH-G5XY-Q008-657D
Iceland: T6RH-G5XY-Q008-657D
Ireland: T6RH-G5XY-Q008-657D
Italy: T6RH-G5XY-Q008-657D
Latvia: T6RH-G5XY-Q008-657D
Lithuania: T6RH-G5XY-Q008-657D
Luxembourg: T6RH-G5XY-Q008-657D
Malta: T6RH-G5XY-Q008-657D
Netherlands: T6RH-G5XY-Q008-657D
Norway: T6RH-G5XY-Q008-657D
Poland: T6RH-G5XY-Q008-657D
Portugal: T6RH-G5XY-Q008-657D
Romania: T6RH-G5XY-Q008-657D
Slovakia: T6RH-G5XY-Q008-657D
Slovenia: T6RH-G5XY-Q008-657D
Spain: T6RH-G5XY-Q008-657D
Sweden: T6RH-G5XY-Q008-657D

**Contains:** (-)-Pin-2(3)-ene, 1-(2,3,8,8-tetramethyl-1,3,4,6,7,8a-hexahydronaphthalen-2-yl)ethanone, 1-(2,3,8,8-tetramethyl-1,3,5,6,7,8a-hexahydronaphthalen-2-yl)ethanone, 2,4-Dimethyl-3-cyclohexene carboxaldehyde, 3-Octanol, 3,7-dimethyl-, Alpha-isomethyl ionone, alpha-Pinene, beta-Caryophyllene, beta-Pinene, Citral, Citronellol, Citronellyl formate, Cyclohexene, 1-methyl-4-(1-methylethylidene)-, d-Limonene, Eucalyptol, Eucalyptus globulus, ext., Geraniol, Geranyl acetate, Isocyclemone E, Lavender, Lavandula hybrida grosso, ext., Linalool, Linalyl acetate, Lyral, Nopyl acetate, p-mentha-1,3-diene; 1-isopropyl-4-methylcyclohexa-1,3-diene; alpha-terpinene, trans-Menthone, trans-Rose Ketone-1, trans-Rose Ketone-2

**Hazard pictograms**

**Signal word** Warning

**Hazard statements**

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

**Precautionary statements**

**Prevention**

P102 Keep out of reach of children.

**Response**

P333 + P313 If skin irritation or rash occurs: Get medical advice/attention.
P302 + P352 IF ON SKIN: Wash with plenty of water/.

**Storage** Not applicable.

**Disposal**

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

**Supplemental label information** None.

**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 product does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

## SECTION 3: Composition/information on ingredients

**3.2. Mixtures**

**General information**

| Chemical name | % | CAS-No. / EC No. | REACH Registration No. | Index No. | Notes |
|---|---|---|---|---|---|
| 2,6-Dimethyl-7-octen-2-ol | 5 - 10 | 18479-58-8<br>242-362-4 | - | - | |
| **Classification:** Skin Irrit. 2;H315, Eye Irrit. 2;H319 | | | | | |
| d-Limonene | 3 - 5 | 5989-27-5<br>227-813-5 | - | 601-096-00-2 | |
| **Classification:** Flam. Liq. 3;H226, Skin Irrit. 2;H315, Skin Sens. 1B;H317, Asp. Tox. 1;H304, Aquatic Acute 1;H400(M=1), Aquatic Chronic 3;H412 | | | | | |
| Acetic acid, 2-(3-methylbutoxy)-, 2-propen-1-yl ester | 1 - 3 | 67634-00-8<br>266-803-5 | - | - | |
| **Classification:** Acute Tox. 4;H302;(ATE: 500 mg/kg bw), Skin Irrit. 2;H315 | | | | | |
| Alpha-isomethyl ionone | 1 - 3 | 127-51-5<br>204-846-3 | - | - | |
| **Classification:** Skin Sens. 1B;H317, Aquatic Chronic 2;H411 | | | | | |
| Linalyl acetate | 1 - 3 | 115-95-7<br>204-116-4 | - | - | |
| **Classification:** Skin Irrit. 2;H315, Eye Irrit. 2;H319, Skin Sens. 1B;H317 | | | | | |
| Lyral | 1 - 3 | 31906-04-4<br>250-863-4 | - | 605-040-00-8 | |
| **Classification:** Skin Sens. 1A;H317 | | | | | |
| Oxacyclohexadecen-2-one | 1 - 3 | 34902-57-3<br>- | - | - | |
| **Classification:** Aquatic Acute 1;H400, Aquatic Chronic 2;H411 | | | | | |

| Chemical name | % | CAS-No. / EC No. | REACH Registration No. | Index No. | Notes |
|---|---|---|---|---|---|
| 1-(2,3,8,8-tetramethyl-1,3,4,6,7,8a-hexahydronaphthalen-2-yl)ethanone | ≤ 1 | 68155-67-9<br>268-979-9 | - | - | |
| **Classification:** Skin Irrit. 2;H315, Skin Sens. 1B;H317, Aquatic Chronic 1;H410 | | | | | |
| 1-(2,3,8,8-tetramethyl-1,3,5,6,7,8a-hexahydronaphthalen-2-yl)ethanone | ≤ 1 | 68155-66-8<br>268-978-3 | - | - | |
| **Classification:** Skin Irrit. 2;H315, Skin Sens. 1B;H317, Aquatic Chronic 1;H410 | | | | | |
| 1,4-Cyclohexadiene, 1-methyl-4-(1-methylethyl)- | ≤ 1 | 99-85-4<br>202-794-6 | - | - | |
| **Classification:** Flam. Liq. 3;H226, Repr. 2;H361, Asp. Tox. 1;H304, Aquatic Chronic 2;H411 | | | | | |
| 2,4-Dimethyl-3-cyclohexene carboxaldehyde | ≤ 1 | 68039-49-6<br>268-264-1 | - | - | |
| **Classification:** Skin Irrit. 2;H315, Eye Irrit. 2;H319, Skin Sens. 1B;H317, Aquatic Chronic 2;H411 | | | | | |
| Acetic acid ethenyl ester | ≤ 1 | 108-05-4<br>203-545-4 | - | 607-023-00-0 | # |
| **Classification:** Flam. Liq. 2;H225, Acute Tox. 4;H332;(ATE: 11 mg/l), Carc. 2;H351, STOT SE 3;H335, Aquatic Chronic 3;H412 | | | | | |
| beta-Pinene | ≤ 1 | 127-91-3<br>204-872-5 | - | - | |
| **Classification:** Flam. Liq. 3;H226, Skin Irrit. 2;H315, Skin Sens. 1B;H317, Asp. Tox. 1;H304, Aquatic Acute 1;H400, Aquatic Chronic 1;H410 | | | | | |
| Carbon black | ≤ 1 | 1333-86-4<br>215-609-9 | - | - | |
| **Classification:** Carc. 2;H351 | | | | | |
| Citral | ≤ 1 | 5392-40-5<br>226-394-6 | - | 605-019-00-3 | |
| **Classification:** Skin Irrit. 2;H315, Eye Irrit. 2;H319, Skin Sens. 1;H317 | | | | | |
| Isocyclemone E | ≤ 1 | 54464-57-2<br>259-174-3 | - | - | |
| **Classification:** Skin Irrit. 2;H315, Skin Sens. 1B;H317, Aquatic Chronic 1;H410 | | | | | |
| Lavender, Lavandula hybrida grosso, ext. | ≤ 1 | 93455-97-1<br>297-385-2 | - | - | |
| **Classification:** Eye Irrit. 2;H319, Skin Sens. 1B;H317, Aquatic Chronic 3;H412 | | | | | |
| Nopyl acetate | ≤ 1 | 128-51-8<br>204-891-9 | - | - | |
| **Classification:** Eye Irrit. 2;H319, Skin Sens. 1B;H317, Aquatic Chronic 2;H411 | | | | | |
| (-)-Pin-2(3)-ene | ≤ 0,2 | 7785-26-4<br>232-077-3 | - | - | |
| **Classification:** Flam. Liq. 3;H226, Acute Tox. 4;H302;(ATE: 500 mg/kg bw), Skin Irrit. 2;H315, Skin Sens. 1B;H317, Asp. Tox. 1;H304, Aquatic Acute 1;H400, Aquatic Chronic 1;H410 | | | | | |
| 1,6-Octadiene, 7-methyl-3-methylene- | ≤ 0,2 | 123-35-3<br>204-622-5 | - | - | |
| **Classification:** Flam. Liq. 3;H226, Skin Irrit. 2;H315, Eye Irrit. 2;H319, Asp. Tox. 1;H304, Aquatic Acute 1;H400, Aquatic Chronic 2;H411 | | | | | |
| 3-Octanol, 3,7-dimethyl- | ≤ 0,2 | 78-69-3<br>201-133-9 | - | - | |
| **Classification:** Skin Irrit. 2;H315, Eye Irrit. 2;H319, Skin Sens. 1B;H317 | | | | | |
| alpha-Pinene | ≤ 0,2 | 80-56-8<br>201-291-9 | - | - | |
| **Classification:** Flam. Liq. 3;H226, Acute Tox. 4;H302;(ATE: 500 mg/kg bw), Skin Irrit. 2;H315, Skin Sens. 1B;H317, Asp. Tox. 1;H304, Aquatic Acute 1;H400, Aquatic Chronic 1;H410 | | | | | |
| Benzene, 1-methyl-4-(1-methylethyl)- | ≤ 0,2 | 99-87-6<br>202-796-7 | - | 601-094-00-1 | |
| **Classification:** Flam. Liq. 3;H226, Acute Tox. 3;H331;(ATE: 3 mg/l), Repr. 2;H361, Asp. Tox. 1;H304, Aquatic Chronic 2;H411 | | | | | |

| Chemical name | % | CAS-No. / EC No. | REACH Registration No. | Index No. | Notes |
|---|---|---|---|---|---|
| beta-Caryophyllene | ≤ 0,2 | 87-44-5<br>201-746-1 | - | - | |
| **Classification:** Eye Irrit. 2;H319, Skin Sens. 1;H317, Asp. Tox. 1;H304, Aquatic Acute 1;H400, Aquatic Chronic 1;H410 | | | | | |
| Bicyclo[2.2.1]heptane, 2,2-dimethyl-3-methylene- | ≤ 0,2 | 79-92-5<br>201-234-8 | - | - | |
| **Classification:** Flam. Sol. 2;H228, Eye Irrit. 2;H319, Aquatic Acute 1;H400, Aquatic Chronic 1;H410 | | | | | |
| Citronellol | ≤ 0,2 | 106-22-9<br>203-375-0 | - | - | |
| **Classification:** Acute Tox. 4;H302;(ATE: 500 mg/kg bw), Skin Irrit. 2;H315, Eye Dam. 1;H318, Skin Sens. 1;H317, Asp. Tox. 1;H304, Aquatic Chronic 2;H411 | | | | | |
| Citronellyl formate | ≤ 0,2 | 105-85-1<br>203-338-9 | - | - | |
| **Classification:** Skin Irrit. 2;H315, Skin Sens. 1B;H317 | | | | | |
| Cyclohexene, 1-methyl-4-(1-methylethylidene)- | ≤ 0,2 | 586-62-9<br>209-578-0 | - | - | |
| **Classification:** Skin Sens. 1B;H317, Asp. Tox. 1;H304, Aquatic Acute 1;H400, Aquatic Chronic 1;H410 | | | | | |
| decyl acetate | ≤ 0,2 | 112-17-4<br>203-942-2 | - | - | |
| **Classification:** Aquatic Acute 1;H400, Aquatic Chronic 1;H410 | | | | | |
| Eucalyptol | ≤ 0,2 | 470-82-6<br>207-431-5 | - | - | |
| **Classification:** Flam. Liq. 3;H226, Eye Irrit. 2;H319, Skin Sens. 1B;H317 | | | | | |
| Eucalyptus globulus, ext. | ≤ 0,2 | 84625-32-1<br>283-406-2 | - | - | |
| **Classification:** Flam. Liq. 3;H226, Skin Irrit. 2;H315, Skin Sens. 1;H317, Repr. 2;H361, Asp. Tox. 1;H304, Aquatic Chronic 2;H411 | | | | | |
| Geraniol | ≤ 0,2 | 106-24-1<br>203-377-1 | - | 603-241-00-5 | |
| **Classification:** Acute Tox. 4;H302;(ATE: 500 mg/kg bw), Skin Irrit. 2;H315, Eye Dam. 1;H318, Skin Sens. 1;H317, Asp. Tox. 1;H304, Aquatic Acute 1;H400, Aquatic Chronic 2;H411 | | | | | |
| Geranyl acetate | ≤ 0,2 | 105-87-3<br>203-341-5 | - | - | |
| **Classification:** Acute Tox. 4;H302;(ATE: 500 mg/kg bw), Skin Irrit. 2;H315, Eye Dam. 1;H318, Skin Sens. 1;H317, Asp. Tox. 1;H304, Aquatic Acute 1;H400, Aquatic Chronic 2;H411 | | | | | |
| Linalool | ≤ 0,2 | 78-70-6<br>201-134-4 | - | 603-235-00-2 | |
| **Classification:** Skin Irrit. 2;H315, Eye Irrit. 2;H319, Skin Sens. 1B;H317 | | | | | |
| Ocimene | ≤ 0,2 | 13877-91-3<br>237-641-2 | - | - | |
| **Classification:** Flam. Liq. 3;H226, Skin Irrit. 2;H315, Asp. Tox. 1;H304, Aquatic Acute 1;H400, Aquatic Chronic 2;H411 | | | | | |
| Phenol, 2,6-bis(1,1-dimethylethyl)-4-methyl- | ≤ 0,2 | 128-37-0<br>204-881-4 | - | - | |
| **Classification:** Aquatic Acute 1;H400, Aquatic Chronic 1;H410 | | | | | |
| p-mentha-1,3-diene; 1-isopropyl-4-methylcyclohexa-1,3-diene; alpha-terpinene | ≤ 0,2 | 99-86-5<br>202-795-1 | - | 601-095-00-7 | |
| **Classification:** Flam. Liq. 3;H226, Acute Tox. 4;H302;(ATE: 1680 mg/kg bw), Skin Sens. 1;H317, Asp. Tox. 1;H304, Aquatic Chronic 2;H411 | | | | | |
| trans-Menthone | ≤ 0,2 | 89-80-5<br>201-941-1 | - | - | |
| **Classification:** Acute Tox. 4;H302;(ATE: 500 mg/kg bw), Skin Irrit. 2;H315, Skin Sens. 1B;H317, Aquatic Chronic 3;H412 | | | | | |

| Chemical name | % | CAS-No. / EC No. | REACH Registration No. | Index No. | Notes |
|---|---|---|---|---|---|
| trans-Rose Ketone-1 | ≤ 0,2 | 24720-09-0<br>246-430-4 | - | - | |
| **Classification:** Acute Tox. 4;H302;(ATE: 500 mg/kg bw), Skin Sens. 1B;H317, Aquatic Chronic 2;H411 | | | | | |
| trans-Rose Ketone-2 | ≤ 0,2 | 23726-91-2<br>245-842-1 | - | - | |
| **Classification:** Skin Irrit. 2;H315, Skin Sens. 1B;H317, Aquatic Chronic 2;H411 | | | | | |
| Other components below reportable levels | 73,3 | | | | |

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

ATE: Acute toxicity estimate.
M: M-factor
PBT: persistent, bioaccumulative and toxic substance.
vPvB: very persistent and very bioaccumulative substance.
All concentrations are in percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume. #: This substance has been assigned Union workplace exposure limit(s).

**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. Wash contaminated clothing before reuse.

**4.1. Description of first aid measures**

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

**Skin contact** Remove contaminated clothing immediately and wash skin with soap and water. In case of eczema or other skin disorders: Seek medical attention and take along these instructions. Wash contaminated clothing before reuse.

**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** Skin irritation. May cause redness and pain. May cause an allergic skin reaction. Dermatitis. Rash.

**4.3. Indication of any immediate medical attention and special treatment needed** Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.

## 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 protective equipment and clothing during clean-up. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Do not touch or walk through spilled material.

**For emergency responders** Keep unnecessary personnel away. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.

**6.2. Environmental precautions** Avoid release to the environment. Inform appropriate managerial or supervisory personnel of all environmental releases. Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground.

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

Prevent entry into waterways, sewer, basements or confined areas.

Large Spills: Stop the flow of material, if this is without risk. Following product recovery, flush area with water.

Small Spills: Clean surface thoroughly to remove residual contamination.

Never return spills to original containers for re-use.

**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 breathing dust/fume/gas/mist/vapours/spray. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. Provide adequate ventilation. Wear appropriate personal protective equipment. Avoid release to the environment. 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)**

Not available.

## SECTION 8: Exposure controls/personal protection

**8.1. Control parameters**

**Occupational exposure limits**

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

| Components | Type | Value | Form |
|---|---|---|---|
| Carbon black (CAS 1333-86-4) | MAK | 5 mg/m3 | Inhalable dust. |
| | STEL | 10 mg/m3 | Inhalable dust. |
| Phenol, 2,6-bis(1,1-dimethylethyl)-4-methyl- (CAS 128-37-0) | MAK | 10 mg/m3 | |

**Austria. TRK List, OEL Ordinance (GwV), BGBl. II, no. 184/2001**

| Components | Type | Value |
|---|---|---|
| Acetic acid ethenyl ester (CAS 108-05-4) | TWA | 17,6000000000000 014 mg/m3 |
| | | 5 ppm |

**Belgium. Exposure Limit Values**

| Components | Type | Value | Form |
|---|---|---|---|
| Acetic acid ethenyl ester (CAS 108-05-4) | STEL | 35,2000000000000 028 mg/m3 | |
| | | 10 ppm | |
| | TWA | 17,6000000000000 014 mg/m3 | |
| | | 5 ppm | |
| alpha-Pinene (CAS 80-56-8) | TWA | 20 ppm | |
| beta-Pinene (CAS 127-91-3) | TWA | 20 ppm | |
| Carbon black (CAS 1333-86-4) | TWA | 3 mg/m3 | |
| Citral (CAS 5392-40-5) | TWA | 32 mg/m3 | Vapour and aerosol. |
| | | 5 ppm | Vapour and aerosol. |
| Phenol, 2,6-bis(1,1-dimethylethyl)-4-methyl- (CAS 128-37-0) | TWA | 2 mg/m3 | Vapour and aerosol. |

**Bulgaria. OELs. Regulation No 13 on protection of workers against risks of exposure to chemical agents at work**

| Components | Type | Value |
|---|---|---|
| Acetic acid ethenyl ester (CAS 108-05-4) | STEL | 35,2000000000000 028 mg/m3 |
| | | 10 ppm |
| | TWA | 17,6000000000000 014 mg/m3 |

**Bulgaria. OELs. Regulation No 13 on protection of workers against risks of exposure to chemical agents at work**

| Components | Type | Value |
|---|---|---|
| | | 5 ppm |
| Phenol, 2,6-bis(1,1-dimethylethyl)-4-methyl- (CAS 128-37-0) | STEL | 50 mg/m3 |
| | TWA | 10 mg/m3 |

**Croatia. Dangerous Substance Exposure Limit Values in the Workplace (ELVs), Annexes 1 and 2, Narodne Novine, 13/09**

| Components | Type | Value |
|---|---|---|
| Acetic acid ethenyl ester (CAS 108-05-4) | MAC | 17,6000000000000 014 mg/m3 |
| | | 5 ppm |
| | STEL | 35,2000000000000 028 mg/m3 |
| | | 10 ppm |
| Carbon black (CAS 1333-86-4) | MAC | 3,5 mg/m3 |
| | STEL | 7 mg/m3 |
| Phenol, 2,6-bis(1,1-dimethylethyl)-4-methyl- (CAS 128-37-0) | MAC | 10 mg/m3 |

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

| Components | Type | Value |
|---|---|---|
| Acetic acid ethenyl ester (CAS 108-05-4) | TWA | 30 mg/m3 |
| | | 10 ppm |
| Carbon black (CAS 1333-86-4) | TWA | 3,5 mg/m3 |

**Czech Republic. OELs. Government Decree 361**

| Components | Type | Value | Form |
|---|---|---|---|
| Acetic acid ethenyl ester (CAS 108-05-4) | Ceiling | 36 mg/m3 | |
| | TWA | 18 mg/m3 | |
| Carbon black (CAS 1333-86-4) | TWA | 10 mg/m3 | Dust. |

**Denmark. Exposure Limit Values**

| Components | Type | Value |
|---|---|---|
| Acetic acid ethenyl ester (CAS 108-05-4) | TLV | 18 mg/m3 |
| | | 5 ppm |
| alpha-Pinene (CAS 80-56-8) | TLV | 25 ppm |
| Benzene, 1-methyl-4-(1-methylethyl)- (CAS 99-87-6) | TLV | 135 mg/m3 |
| | | 25 ppm |
| beta-Pinene (CAS 127-91-3) | TLV | 25 ppm |
| Carbon black (CAS 1333-86-4) | TLV | 3,5 mg/m3 |
| d-Limonene (CAS 5989-27-5) | TLV | 25 ppm |
| Phenol, 2,6-bis(1,1-dimethylethyl)-4-methyl- (CAS 128-37-0) | TLV | 10 mg/m3 |

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

| Components | Type | Value |
|---|---|---|
| Acetic acid ethenyl ester (CAS 108-05-4) | STEL | 35,2000000000000 028 mg/m3 |
| | | 10 ppm |

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

| Components | Type | Value |
|---|---|---|
| | TWA | 17,6000000000000 014 mg/m3 |
| | | 5 ppm |
| alpha-Pinene (CAS 80-56-8) | STEL | 300 mg/m3 |
| | | 50 ppm |
| | TWA | 150 mg/m3 |
| | | 25 ppm |
| Benzene, 1-methyl-4-(1-methylethyl)- (CAS 99-87-6) | STEL | 190 mg/m3 |
| | | 35 ppm |
| | TWA | 140 mg/m3 |
| | | 25 ppm |
| beta-Pinene (CAS 127-91-3) | STEL | 300 mg/m3 |
| | | 50 ppm |
| | TWA | 150 mg/m3 |
| | | 25 ppm |

**Finland. Workplace Exposure Limits**

| Components | Type | Value |
|---|---|---|
| Acetic acid ethenyl ester (CAS 108-05-4) | STEL | 35 mg/m3 |
| | | 10 ppm |
| | TWA | 18 mg/m3 |
| | | 5 ppm |
| Carbon black (CAS 1333-86-4) | STEL | 7 mg/m3 |
| | TWA | 3,5 mg/m3 |
| d-Limonene (CAS 5989-27-5) | STEL | 280 mg/m3 |
| | | 50 ppm |
| | TWA | 140 mg/m3 |
| | | 25 ppm |
| Phenol, 2,6-bis(1,1-dimethylethyl)-4-methyl- (CAS 128-37-0) | STEL | 20 mg/m3 |
| | TWA | 10 mg/m3 |

**France. OELs. Occupational Exposure Limits as Prescribed by Art. R.4412-149 of Labor Code, as amended**

| Components | Type | Value |
|---|---|---|
| Acetic acid ethenyl ester (CAS 108-05-4) | VLE | 35,2000000000000 028 mg/m3 |
| | | 10 ppm |
| | VME | 17,6000000000000 014 mg/m3 |
| | | 5 ppm |

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

| Components | Type | Value |
|---|---|---|
| Acetic acid ethenyl ester (CAS 108-05-4) | VLE | 35,2000000000000 028 mg/m3 |
| **Regulatory status:** Regulatory binding (VRC) | | |
| | | 10 ppm |
| **Regulatory status:** Regulatory binding (VRC) | | |
| | VME | 17,6000000000000 014 mg/m3 |
| **Regulatory status:** Regulatory binding (VRC) | | |

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

| Components | Type | Value |
|---|---|---|
| | | 5 ppm |
| **Regulatory status:** | Regulatory binding (VRC) | |
| Carbon black (CAS 1333-86-4) | VME | 3,5 mg/m3 |
| **Regulatory status:** | Indicative limit (VL) | |
| Phenol, 2,6-bis(1,1-dimethylethyl)-4-methyl- (CAS 128-37-0) | VME | 10 mg/m3 |
| **Regulatory status:** | Indicative limit (VL) | |

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

| Components | Type | Value | Form |
|---|---|---|---|
| Acetic acid ethenyl ester (CAS 108-05-4) | TWA | 36 mg/m3 | |
| | | 10 ppm | |
| d-Limonene (CAS 5989-27-5) | TWA | 28 mg/m3 | |
| | | 5 ppm | |
| Phenol, 2,6-bis(1,1-dimethylethyl)-4-methyl- (CAS 128-37-0) | TWA | 10 mg/m3 | Vapor and aerosol, inhalable fraction. |

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

| Components | Type | Value | Form |
|---|---|---|---|
| Acetic acid ethenyl ester (CAS 108-05-4) | AGW | 36 mg/m3 | |
| | | 10 ppm | |
| Benzene, 1-methyl-4-(1-methylethyl)- (CAS 99-87-6) | AGW | 100 mg/m3 | |
| d-Limonene (CAS 5989-27-5) | AGW | 28 mg/m3 | |
| | | 5 ppm | |
| Phenol, 2,6-bis(1,1-dimethylethyl)-4-methyl- (CAS 128-37-0) | AGW | 10 mg/m3 | Inhalable fraction. |

**Greece. OELs (Decree No. 90/1999, as amended)**

| Components | Type | Value |
|---|---|---|
| Acetic acid ethenyl ester (CAS 108-05-4) | STEL | 35,2000000000000 028 mg/m3 |
| | | 10 ppm |
| | TWA | 17,6000000000000 014 mg/m3 |
| | | 5 ppm |
| Carbon black (CAS 1333-86-4) | STEL | 7 mg/m3 |
| | TWA | 3,5 mg/m3 |
| Phenol, 2,6-bis(1,1-dimethylethyl)-4-methyl- (CAS 128-37-0) | TWA | 10 mg/m3 |

**Hungary. OELs. Joint Decree on Chemical Safety of Workplaces**

| Components | Type | Value | Form |
|---|---|---|---|
| Acetic acid ethenyl ester (CAS 108-05-4) | STEL | 35,2000000000000 028 mg/m3 | |
| | TWA | 17,6000000000000 014 mg/m3 | |
| Carbon black (CAS 1333-86-4) | TWA | 3 mg/m3 | Inhalable dust. |

**Iceland. OELs. Regulation 154/1999 on occupational exposure limits**

| Components | Type | Value |
|---|---|---|
| Acetic acid ethenyl ester (CAS 108-05-4) | TWA | 30 mg/m3 |
| | | 10 ppm |
| Benzene, 1-methyl-4-(1-methylethyl)- (CAS 99-87-6) | TWA | 135 mg/m3 |
| | | 25 ppm |
| Carbon black (CAS 1333-86-4) | TWA | 3,5 mg/m3 |
| Phenol, 2,6-bis(1,1-dimethylethyl)-4-methyl- (CAS 128-37-0) | TWA | 10 mg/m3 |

**Ireland. Occupational Exposure Limits**

| Components | Type | Value | Form |
|---|---|---|---|
| Acetic acid ethenyl ester (CAS 108-05-4) | STEL | 35,2000000000000028 mg/m3 | |
| | | 10 ppm | |
| | TWA | 17,6000000000000014 mg/m3 | |
| | | 5 ppm | |
| Carbon black (CAS 1333-86-4) | TWA | 3 mg/m3 | Inhalable fraction. |
| Citral (CAS 5392-40-5) | TWA | 5 ppm | Inhalable fraction and vapour. |
| Phenol, 2,6-bis(1,1-dimethylethyl)-4-methyl- (CAS 128-37-0) | TWA | 2 mg/m3 | |

**Italy. Occupational Exposure Limits**

| Components | Type | Value | Form |
|---|---|---|---|
| Acetic acid ethenyl ester (CAS 108-05-4) | STEL | 35,2000000000000028 mg/m3 | |
| | | 10 ppm | |
| | TWA | 17,6000000000000014 mg/m3 | |
| | | 5 ppm | |
| alpha-Pinene (CAS 80-56-8) | TWA | 20 ppm | |
| beta-Pinene (CAS 127-91-3) | TWA | 20 ppm | |
| Carbon black (CAS 1333-86-4) | TWA | 3 mg/m3 | Inhalable fraction. |
| Citral (CAS 5392-40-5) | TWA | 5 ppm | Inhalable fraction and vapour. |
| Phenol, 2,6-bis(1,1-dimethylethyl)-4-methyl- (CAS 128-37-0) | TWA | 2 mg/m3 | Inhalable fraction and vapour. |

**Latvia. OELs. Occupational exposure limit values of chemical substances in work environment**

| Components | Type | Value |
|---|---|---|
| Acetic acid ethenyl ester (CAS 108-05-4) | STEL | 35,2000000000000028 mg/m3 |
| | | 10 ppm |
| | TWA | 17,6000000000000014 mg/m3 |
| | | 5 ppm |
| Benzene, 1-methyl-4-(1-methylethyl)- (CAS 99-87-6) | TWA | 10 mg/m3 |

**Lithuania. OELs. Limit Values for Chemical Substances, General Requirements**

| Components | Type | Value |
|---|---|---|
| Acetic acid ethenyl ester (CAS 108-05-4) | STEL | 35,2000000000000 028 mg/m3 |
| | | 10 ppm |
| | TWA | 17,6000000000000 014 mg/m3 |
| | | 5 ppm |
| alpha-Pinene (CAS 80-56-8) | STEL | 300 mg/m3 |
| | | 50 ppm |
| | TWA | 150 mg/m3 |
| | | 25 ppm |
| Benzene, 1-methyl-4-(1-methylethyl)- (CAS 99-87-6) | STEL | 190 mg/m3 |
| | | 35 ppm |
| | TWA | 140 mg/m3 |
| | | 25 ppm |
| beta-Pinene (CAS 127-91-3) | STEL | 300 mg/m3 |
| | | 50 ppm |
| | TWA | 150 mg/m3 |
| | | 25 ppm |

**Luxembourg. Binding Occupational exposure limit values (Annex I), Memorial A**

| Components | Type | Value |
|---|---|---|
| Acetic acid ethenyl ester (CAS 108-05-4) | STEL | 35,2000000000000 028 mg/m3 |
| | | 10 ppm |
| | TWA | 17,6000000000000 014 mg/m3 |
| | | 5 ppm |

**Malta. OELs. Occupational Exposure Limit Values (L.N. 227. of Occupational Health and Safety Authority Act (CAP. 424), Schedules I and V)**

| Components | Type | Value |
|---|---|---|
| Acetic acid ethenyl ester (CAS 108-05-4) | STEL | 35,2000000000000 028 mg/m3 |
| | | 10 ppm |
| | TWA | 17,6000000000000 014 mg/m3 |
| | | 5 ppm |

**Netherlands. OELs (binding)**

| Components | Type | Value |
|---|---|---|
| Acetic acid ethenyl ester (CAS 108-05-4) | STEL | 36 mg/m3 |
| | TWA | 18 mg/m3 |

**Norway. Administrative Norms for Contaminants in the Workplace**

| Components | Type | Value |
|---|---|---|
| Acetic acid ethenyl ester (CAS 108-05-4) | STEL | 35,2000000000000 028 mg/m3 |
| | | 10 ppm |
| | TLV | 17,6000000000000 014 mg/m3 |
| | | 5 ppm |
| alpha-Pinene (CAS 80-56-8) | TLV | 140 mg/m3 |
| | | 25 ppm |

**Norway. Administrative Norms for Contaminants in the Workplace**

| Components | Type | Value |
|---|---|---|
| beta-Pinene (CAS 127-91-3) | TLV | 140 mg/m3 |
| | | 25 ppm |
| Carbon black (CAS 1333-86-4) | TLV | 3,5 mg/m3 |
| d-Limonene (CAS 5989-27-5) | TLV | 140 mg/m3 |
| | | 25 ppm |

**Poland. Ordinance of the Minister of Labour and Social Policy on 6 June 2014 on the maximum permissible concentrations and intensities of harmful health factors in the work environment, Journal of Laws 2014, item 817**

| Components | Type | Value | Form |
|---|---|---|---|
| Acetic acid ethenyl ester (CAS 108-05-4) | STEL | 30 mg/m3 | |
| | TWA | 10 mg/m3 | |
| Carbon black (CAS 1333-86-4) | TWA | 4 mg/m3 | Inhalable fraction. |
| | | 0 ppm | Inhalable fraction. |
| Citral (CAS 5392-40-5) | STEL | 54 mg/m3 | |
| | TWA | 27 mg/m3 | |

**Portugal. OELs. Decree-Law n. 290/2001 (Journal of the Republic - 1 Series A, n.266)**

| Components | Type | Value |
|---|---|---|
| Acetic acid ethenyl ester (CAS 108-05-4) | STEL | 35,2000000000000 028 mg/m3 |
| | | 10 ppm |
| | TWA | 17,6000000000000 014 mg/m3 |
| | | 5 ppm |

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

| Components | Type | Value | Form |
|---|---|---|---|
| Acetic acid ethenyl ester (CAS 108-05-4) | STEL | 15 ppm | |
| | TWA | 10 ppm | |
| alpha-Pinene (CAS 80-56-8) | TWA | 20 ppm | |
| beta-Pinene (CAS 127-91-3) | TWA | 20 ppm | |
| Carbon black (CAS 1333-86-4) | TWA | 3 mg/m3 | Fume. |
| Citral (CAS 5392-40-5) | TWA | 5 ppm | Inhalable fraction and vapour. |
| Phenol, 2,6-bis(1,1-dimethylethyl)-4-methyl- (CAS 128-37-0) | TWA | 2 mg/m3 | Inhalable fraction and vapour. |

**Romania. OELs. Protection of workers from exposure to chemical agents at the workplace**

| Components | Type | Value |
|---|---|---|
| Acetic acid ethenyl ester (CAS 108-05-4) | STEL | 35,2000000000000 028 mg/m3 |
| | | 10 ppm |
| | TWA | 17,6000000000000 014 mg/m3 |
| | | 5 ppm |

**Slovakia. OELs. Regulation No. 300/2007 concerning protection of health in work with chemical agents**

| Components | Type | Value |
|---|---|---|
| Acetic acid ethenyl ester (CAS 108-05-4) | STEL | 35,2000000000000 028 mg/m3 |
| | | 10 ppm |

**Slovakia. OELs. Regulation No. 300/2007 concerning protection of health in work with chemical agents**

| Components | Type | Value |
|---|---|---|
| | TWA | 17,6000000000000 014 mg/m3 |
| | | 5 ppm |
| Carbon black (CAS 1333-86-4) | TWA | 2 mg/m3 |

**Slovenia. OELs. Regulations concerning protection of workers against risks due to exposure to chemicals while working (Official Gazette of the Republic of Slovenia)**

| Components | Type | Value | Form |
|---|---|---|---|
| Acetic acid ethenyl ester (CAS 108-05-4) | TWA | 17,6000000000000 014 mg/m3 | |
| | | 5 ppm | |
| d-Limonene (CAS 5989-27-5) | TWA | 28 mg/m3 | |
| | | 5 ppm | |
| Phenol, 2,6-bis(1,1-dimethylethyl)-4-methyl- (CAS 128-37-0) | TWA | 10 mg/m3 | Inhalable fraction. |

**Spain. Occupational Exposure Limits**

| Components | Type | Value | Form |
|---|---|---|---|
| Acetic acid ethenyl ester (CAS 108-05-4) | STEL | 35,2000000000000 028 mg/m3 | |
| | | 10 ppm | |
| | TWA | 17,6000000000000 014 mg/m3 | |
| | | 5 ppm | |
| alpha-Pinene (CAS 80-56-8) | TWA | 113 mg/m3 | |
| | | 20 ppm | |
| beta-Pinene (CAS 127-91-3) | TWA | 113 mg/m3 | |
| | | 20 ppm | |
| Carbon black (CAS 1333-86-4) | TWA | 3,5 mg/m3 | |
| Citral (CAS 5392-40-5) | TWA | 5 ppm | Inhalable fraction and vapour. |
| d-Limonene (CAS 5989-27-5) | TWA | 168 mg/m3 | |
| | | 30 ppm | |
| Phenol, 2,6-bis(1,1-dimethylethyl)-4-methyl- (CAS 128-37-0) | TWA | 10 mg/m3 | |

**Sweden. OELs. Work Environment Authority (AV), Occupational Exposure Limit Values (AFS 2015:7)**

| Components | Type | Value | Form |
|---|---|---|---|
| Acetic acid ethenyl ester (CAS 108-05-4) | Ceiling | 35 mg/m3 | |
| | | 10 ppm | |
| | TWA | 18 mg/m3 | |
| | | 5 ppm | |
| alpha-Pinene (CAS 80-56-8) | STEL | 300 mg/m3 | |
| | | 50 ppm | |
| | TWA | 150 mg/m3 | |
| | | 25 ppm | |
| Benzene, 1-methyl-4-(1-methylethyl)- (CAS 99-87-6) | STEL | 190 mg/m3 | |
| | | 35 ppm | |
| | TWA | 140 mg/m3 | |

**Sweden. OELs. Work Environment Authority (AV), Occupational Exposure Limit Values (AFS 2015:7)**

| Components | Type | Value | Form |
|---|---|---|---|
| | | 25 ppm | |
| beta-Pinene (CAS 127-91-3) | STEL | 300 mg/m3 | |
| | | 50 ppm | |
| | TWA | 150 mg/m3 | |
| | | 25 ppm | |
| Carbon black (CAS 1333-86-4) | TWA | 5 mg/m3 | Inhalable dusts and mists. |
| | | 1 mg/m3 | Inhalable dust. |

**Switzerland. SUVA Grenzwerte am Arbeitsplatz**

| Components | Type | Value | Form |
|---|---|---|---|
| Acetic acid ethenyl ester (CAS 108-05-4) | STEL | 35 mg/m3 | |
| | | 10 ppm | |
| | TWA | 35 mg/m3 | |
| | | 10 ppm | |
| alpha-Pinene (CAS 80-56-8) | STEL | 224 mg/m3 | |
| | | 40 ppm | |
| | TWA | 112 mg/m3 | |
| | | 20 ppm | |
| beta-Pinene (CAS 127-91-3) | STEL | 224 mg/m3 | |
| | | 40 ppm | |
| | TWA | 112 mg/m3 | |
| | | 20 ppm | |
| Bicyclo[2.2.1]heptane, 2,2-dimethyl-3-methylene- (CAS 79-92-5) | STEL | 224 mg/m3 | |
| | | 40 ppm | |
| | TWA | 112 mg/m3 | |
| | | 20 ppm | |
| d-Limonene (CAS 5989-27-5) | STEL | 80 mg/m3 | |
| | | 14 ppm | |
| | TWA | 40 mg/m3 | |
| | | 7 ppm | |
| Phenol, 2,6-bis(1,1-dimethylethyl)-4-methyl- (CAS 128-37-0) | STEL | 40 mg/m3 | Vapor and aerosol, inhalable. |
| | TWA | 10 mg/m3 | Vapor and aerosol, inhalable. |

**UK. EH40 Workplace Exposure Limits (WELs)**

| Components | Type | Value |
|---|---|---|
| Acetic acid ethenyl ester (CAS 108-05-4) | STEL | 35,2000000000000 028 mg/m3 |
| | | 10 ppm |
| | TWA | 17,6000000000000 014 mg/m3 |
| | | 5 ppm |
| Carbon black (CAS 1333-86-4) | STEL | 7 mg/m3 |
| | TWA | 3,5 mg/m3 |
| Phenol, 2,6-bis(1,1-dimethylethyl)-4-methyl- (CAS 128-37-0) | TWA | 10 mg/m3 |

**EU. Indicative Exposure Limit Values in Directives 91/322/EEC, 2000/39/EC, 2006/15/EC, 2009/161/EU, 2017/164/EU**

| Components | Type | Value |
|---|---|---|
| Acetic acid ethenyl ester (CAS 108-05-4) | STEL | 35,2000000000000 028 mg/m3 |
| | | 10 ppm |
| | TWA | 17,6000000000000 014 mg/m3 |
| | | 5 ppm |

**Biological limit values** No biological exposure limits noted for the ingredient(s).

**Recommended monitoring procedures** Follow standard monitoring procedures.

**Derived no effect levels (DNELs)** Not available.

**Predicted no effect concentrations (PNECs)** Not available.

**Exposure guidelines**

**Belgium OELs: Skin designation**

Citral (CAS 5392-40-5) Can be absorbed through the skin.

**Germany DFG MAK (advisory): Skin designation**

Acetic acid ethenyl ester (CAS 108-05-4) Can be absorbed through the skin.
d-Limonene (CAS 5989-27-5) Can be absorbed through the skin.

**Germany TRGS 900 Limit Values: Skin designation**

Acetic acid ethenyl ester (CAS 108-05-4) Can be absorbed through the skin.
d-Limonene (CAS 5989-27-5) Can be absorbed through the skin.

**Italy OELs: Skin designation**

Citral (CAS 5392-40-5) Danger of cutaneous absorption

**Malta OELs: Skin designation**

Acetic acid ethenyl ester (CAS 108-05-4) Can be absorbed through the skin.

**Norway Exposure Limit Values: Skin designation**

alpha-Pinene (CAS 80-56-8) Can be absorbed through the skin.

**Portugal VLEs Norm on Occupational Exposure: Skin designation**

Citral (CAS 5392-40-5) Can be absorbed through the skin.

**Slovenia. OELs. Regulations concerning protection of workers against risks due to exposure to chemicals while working (Official Gazette of the Republic of Slovenia)**

d-Limonene (CAS 5989-27-5) Can be absorbed through the skin.

**Spain OELs: Skin designation**

Citral (CAS 5392-40-5) Can be absorbed through the skin.
d-Limonene (CAS 5989-27-5) Can be absorbed through the skin.

**Switzerland SUVA Limit Values at the Workplace: Skin designation**

alpha-Pinene (CAS 80-56-8) Can be absorbed through the skin.
beta-Pinene (CAS 127-91-3) Can be absorbed through the skin.
Bicyclo[2.2.1]heptane, 2,2-dimethyl-3-methylene- (CAS 79-92-5) Can be absorbed through the skin.

**8.2. Exposure controls**

**Appropriate engineering controls** 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. Provide eyewash station and safety shower.

**Individual protection measures, such as personal protective equipment**

**General information** Use personal protective equipment as required. Personal protection equipment should be chosen according to the CEN standards and in discussion with the supplier of the personal protective equipment.

**Eye/face protection** Wear safety glasses with side shields (or goggles). Face shield is recommended.

**Skin protection**

**- Hand protection** Wear appropriate chemical resistant gloves.

**- Other** Wear appropriate chemical resistant clothing. Use of an impervious apron is recommended.

**Respiratory protection** In case of insufficient ventilation, wear suitable respiratory equipment.

**Thermal hazards** Wear appropriate thermal protective clothing, when necessary.

| | |
|---|---|
| **Hygiene measures** | 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. Contaminated work clothing should not be allowed out of the workplace. |
| **Environmental exposure controls** | Inform appropriate managerial or supervisory personnel of all environmental releases. 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**

| | |
|---|---|
| **Physical state** | Solid. |
| **Form** | Solid. |
| **Colour** | Not available. |
| **Odour** | Not available. |
| **Melting point/freezing point** | 3 °C (37,4 °F) estimated |
| **Boiling point or initial boiling point and boiling range** | Not available. |
| **Flammability** | Not available. |
| **Flash point** | >100 °C (>212 °F) |
| **Auto-ignition temperature** | Not available. |
| **Decomposition temperature** | Not available. |
| **pH** | Not available. |
| **Kinematic viscosity** | Not available. |
| **Solubility** | |
| **Solubility (water)** | Not available. |
| **Partition coefficient (n-octanol/water) (log value)** | Not available. |
| **Vapour pressure** | 0,042476 hPa estimated |
| **Density and/or relative density** | |
| **Density** | 0,891 g/cm3 estimated |
| **Vapour density** | Not available. |
| **Particle characteristics** | Not available. |

**9.2. Other information**

| | |
|---|---|
| **9.2.1. Information with regard to physical hazard classes** | No relevant additional information available. |

**9.2.2. Other safety characteristics**

| | |
|---|---|
| **Percent volatile** | 0,3 % estimated |
| **Specific gravity** | 0,89129 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** | Prolonged inhalation may be harmful. |
| **Skin contact** | Causes skin irritation. 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** Skin irritation. May cause redness and pain. May cause an allergic skin reaction. Dermatitis. Rash.

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

**Acute toxicity**

| Components | Species | Test Results |
|---|---|---|
| Acetic acid ethenyl ester (CAS 108-05-4) | | |
| **Acute** | | |
| **Dermal** | | |
| LD50 | Rabbit | 2335 mg/kg |
| **Oral** | | |
| LD50 | Rat | 2920 mg/kg |
| Carbon black (CAS 1333-86-4) | | |
| **Acute** | | |
| **Oral** | | |
| LD50 | Rat | > 8000 mg/kg |

**Skin corrosion/irritation** Causes skin irritation.

**Serious eye damage/eye irritation** Direct contact with eyes may cause temporary irritation.

**Respiratory sensitisation** Due to partial or complete lack of data the classification is not possible.

**Skin sensitisation** May cause an allergic skin reaction.

**Germ cell mutagenicity** Due to partial or complete lack of data the classification is not possible.

**Carcinogenicity** Risk of cancer cannot be excluded with prolonged exposure.

**Hungary. 26/2000 EüM Ordinance on protection against and preventing risk relating to exposure to carcinogens at work (as amended)**

Acetic acid ethenyl ester (CAS 108-05-4)

**IARC Monographs. Overall Evaluation of Carcinogenicity**

| | |
|---|---|
| 1,6-Octadiene, 7-methyl-3-methylene- (CAS 123-35-3) | 2B Possibly carcinogenic to humans. |
| Acetic acid ethenyl ester (CAS 108-05-4) | 2B Possibly carcinogenic to humans. |
| Carbon black (CAS 1333-86-4) | 2B Possibly carcinogenic to humans. |
| d-Limonene (CAS 5989-27-5) | 3 Not classifiable as to carcinogenicity to humans. |
| Phenol, 2,6-bis(1,1-dimethylethyl)-4-methyl- (CAS 128-37-0) | 3 Not classifiable as to carcinogenicity to humans. |

**Slovenia. OELs. Regulations concerning protection of workers against risks due to exposure to chemicals while working (Official Gazette of the Republic of Slovenia)**

| | |
|---|---|
| Acetic acid ethenyl ester (CAS 108-05-4) | Carcinogenic, Category 2. |

**Reproductive toxicity** Due to partial or complete lack of data the classification is not possible.

**Specific target organ toxicity - single exposure** Due to partial or complete lack of data the classification is not possible.

**Specific target organ toxicity - repeated exposure** Due to partial or complete lack of data the classification is not possible.

**Aspiration hazard** Due to partial or complete lack of data the classification is not possible.

**Mixture versus substance information** No information available.

**11.2. Information on other hazards**

**Endocrine disrupting properties** The product does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

**Other information** Not available.

## SECTION 12: Ecological information

**12.1. Toxicity** Toxic to aquatic life with long lasting effects. Based on available data, the classification criteria are not met for hazardous to the aquatic environment, acute hazard.

| Components | | Species | Test Results |
|---|---|---|---|
| Acetic acid ethenyl ester (CAS 108-05-4) | | | |
| **Aquatic** | | | |
| *Acute* | | | |
| Fish | LC50 | Fathead minnow (Pimephales promelas) | 15 mg/l, 96 hours |

| Components | | Species | Test Results |
|---|---|---|---|
| Benzene, 1-methyl-4-(1-methylethyl)- (CAS 99-87-6) | | | |
| **Aquatic** | | | |
| *Acute* | | | |
| Fish | LC50 | Sheepshead minnow (Cyprinodon variegatus) | 36 - 64 mg/l, 96 hours |
| Bicyclo[2.2.1]heptane, 2,2-dimethyl-3-methylene- (CAS 79-92-5) | | | |
| **Aquatic** | | | |
| *Acute* | | | |
| Fish | LC50 | Sheepshead minnow (Cyprinodon variegatus) | 1,6 - 2,2 mg/l, 96 hours |
| d-Limonene (CAS 5989-27-5) | | | |
| **Aquatic** | | | |
| *Acute* | | | |
| Crustacea | EC50 | Water flea (Daphnia pulex) | 69,6 mg/l, 48 hours |
| Fish | LC50 | Fathead minnow (Pimephales promelas) | 0,619 - 0,796 mg/l, 96 hours |
| Eucalyptol (CAS 470-82-6) | | | |
| **Aquatic** | | | |
| *Acute* | | | |
| Fish | LC50 | Fathead minnow (Pimephales promelas) | 95,4 - 109 mg/l, 96 hours |
| Geraniol (CAS 106-24-1) | | | |
| **Aquatic** | | | |
| *Acute* | | | |
| Fish | LC50 | Brown trout (Salmo trutta) | 2,3 - 3 mg/l, 96 hours |
| Phenol, 2,6-bis(1,1-dimethylethyl)-4-methyl- (CAS 128-37-0) | | | |
| **Aquatic** | | | |
| *Acute* | | | |
| Crustacea | EC50 | Water flea (Daphnia pulex) | 1,44 mg/l, 48 hours |

**12.2. Persistence and degradability** No data is available on the degradability of any ingredients in the mixture.

**12.3. Bioaccumulative potential**

| **Partition coefficient n-octanol/water (log Kow)** | |
|---|---|
| 1,4-Cyclohexadiene, 1-methyl-4-(1-methylethyl)- | 5,4 |
| 1,6-Octadiene, 7-methyl-3-methylene- | 4,33 |
| 2,6-Dimethyl-7-octen-2-ol | 3,25 |
| 3-Octanol, 3,7-dimethyl- | 3,3 |
| Acetic acid ethenyl ester | 0,73 |
| Alpha-isomethyl ionone | 4,288 |
| alpha-Pinene | 4,83 |
| Benzene, 1-methyl-4-(1-methylethyl)- | 4,1 |
| beta-Caryophyllene | 6,23 |
| beta-Pinene | 4,16 |
| Bicyclo[2.2.1]heptane, 2,2-dimethyl-3-methylene- | 4,22 |
| Citral | 2,76<br>3,45 |
| Citronellol | 3,41 |
| Cyclohexene, 1-methyl-4-(1-methylethylidene)- | 4,47 |
| d-Limonene | 4,57 |
| Eucalyptol | 2,74 |
| Geraniol | 3,56 |
| Geranyl acetate | 4,04 |
| Linalool | 2,97 |
| Linalyl acetate | 3,9<br>3,93 |
| Ocimene | 5,4 |
| Phenol, 2,6-bis(1,1-dimethylethyl)-4-methyl- | 5,1<br>5,2 |
| trans-Menthone | 2,295 |
| trans-Rose Ketone-1 | 3,66 |
| trans-Rose Ketone-2 | 3,68 |

**Bioconcentration factor (BCF)** Not available.

**12.4. Mobility in soil** No data available.

| | |
|---|---|
| **12.5. Results of PBT and vPvB assessment** | This mixture does not contain substances assessed to be vPvB / PBT according to Regulation (EC) No 1907/2006, Annex XIII. |
| **12.6. Endocrine disrupting properties** | The product does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher. |
| **12.7. Other adverse effects** | No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component. |

**12.8. Additional information**

**Estonia Dangerous substances in soil Data**

| | |
|---|---|
| Citronellol (CAS 106-22-9) | 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 |
| Geraniol (CAS 106-24-1) | 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 |
| Geranyl acetate (CAS 105-87-3) | 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**

| | |
|---|---|
| **Residual waste** | 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). |
| **Contaminated packaging** | 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. |
| **EU waste code** | The Waste code should be assigned in discussion between the user, the producer and the waste disposal company. |
| **Disposal methods/information** | Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents/container in accordance with local/regional/national/international regulations. |
| **Special precautions** | Dispose in accordance with all applicable regulations. |

## SECTION 14: Transport information

**ADR**

| | |
|---|---|
| **14.1. UN number** | UN3077 |
| **14.2. UN proper shipping name** | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. |
| **14.3. Transport hazard class(es)** | |
| **Class** | 9 |
| **Subsidiary risk** | - |
| **Label(s)** | 9 |
| **Hazard No. (ADR)** | 90 |
| **Tunnel restriction code** | E |
| **14.4. Packing group** | III |
| **14.5. Environmental hazards** | Yes |
| **14.6. Special precautions for user** | Read safety instructions, SDS and emergency procedures before handling. |

**RID**

| | |
|---|---|
| **14.1. UN number** | UN3077 |
| **14.2. UN proper shipping name** | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. |
| **14.3. Transport hazard class(es)** | |
| **Class** | 9 |
| **Subsidiary risk** | - |
| **Label(s)** | 9 |
| **14.4. Packing group** | III |

**14.5. Environmental hazards** Yes

**14.6. Special precautions for user** Read safety instructions, SDS and emergency procedures before handling.

**ADN**

**14.1. UN number** UN3077

**14.2. UN proper shipping name** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.

**14.3. Transport hazard class(es)**

**Class** 9

**Subsidiary risk** -

**Label(s)** 9

**14.4. Packing group** III

**14.5. Environmental hazards** Yes

**14.6. Special precautions for user** Read safety instructions, SDS and emergency procedures before handling.

**IATA**

**14.1. UN number** UN3077

**14.2. UN proper shipping name** Environmentally hazardous substance, solid, n.o.s.

**14.3. Transport hazard class(es)**

**Class** 9

**Subsidiary risk** -

**14.4. Packing group** III

**14.5. Environmental hazards** Yes

**ERG Code** 9L

**14.6. Special precautions for user** Read safety instructions, SDS and emergency procedures before handling.

**Other information**

**Passenger and cargo aircraft** Allowed with restrictions.

**Cargo aircraft only** Allowed with restrictions.

**IMDG**

**14.1. UN number** UN3077

**14.2. UN proper shipping name** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S., MARINE POLLUTANT

**14.3. Transport hazard class(es)**

**Class** 9

**Subsidiary risk** -

**14.4. Packing group** III

**14.5. Environmental hazards**

**Marine pollutant** Yes

**EmS** F-A, S-F

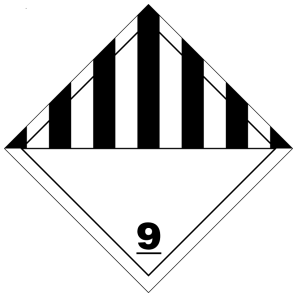
**14.6. Special precautions for user** Read safety instructions, SDS and emergency procedures before handling.

d-Limonene

alpha-Pinene

**14.7. Maritime transport in bulk according to IMO instruments** Not applicable.

**ADN; ADR; IATA; IMDG; RID**



**Marine pollutant**

**General information** IMDG Regulated Marine Pollutant.

## 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**

Carbon black (CAS 1333-86-4)

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

Not listed.

**UFI:**

Austria: T6RH-G5XY-Q008-657D
Belgium: T6RH-G5XY-Q008-657D
Bulgaria: T6RH-G5XY-Q008-657D
Croatia: T6RH-G5XY-Q008-657D
Cyprus: T6RH-G5XY-Q008-657D
Czech Republic: T6RH-G5XY-Q008-657D
Denmark: T6RH-G5XY-Q008-657D
Estonia: T6RH-G5XY-Q008-657D
EU: T6RH-G5XY-Q008-657D
Finland: T6RH-G5XY-Q008-657D
France: T6RH-G5XY-Q008-657D
Germany: T6RH-G5XY-Q008-657D
Great Britain: T6RH-G5XY-Q008-657D
Greece: T6RH-G5XY-Q008-657D
Hungary: T6RH-G5XY-Q008-657D
Iceland: T6RH-G5XY-Q008-657D
Ireland: T6RH-G5XY-Q008-657D
Italy: T6RH-G5XY-Q008-657D
Latvia: T6RH-G5XY-Q008-657D
Lithuania: T6RH-G5XY-Q008-657D
Luxembourg: T6RH-G5XY-Q008-657D
Malta: T6RH-G5XY-Q008-657D
Netherlands: T6RH-G5XY-Q008-657D
Norway: T6RH-G5XY-Q008-657D
Poland: T6RH-G5XY-Q008-657D
Portugal: T6RH-G5XY-Q008-657D
Romania: T6RH-G5XY-Q008-657D
Slovakia: T6RH-G5XY-Q008-657D
Slovenia: T6RH-G5XY-Q008-657D
Spain: T6RH-G5XY-Q008-657D
Sweden: T6RH-G5XY-Q008-657D

**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**

Geraniol (CAS 106-24-1)
Linalool (CAS 78-70-6)

**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.

**Other EU regulations**

**Directive 2012/18/EU on major accident hazards involving dangerous substances, as amended**

Acetic acid ethenyl ester (CAS 108-05-4)
Benzene, 1-methyl-4-(1-methylethyl)- (CAS 99-87-6)
d-Limonene (CAS 5989-27-5)
p-mentha-1,3-diene; 1-isopropyl-4-methylcyclohexa-1,3-diene; alpha-terpinene (CAS 99-86-5)

| | |
|---|---|
| **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** | Young people under 18 years old are not allowed to work with this product according to EU Directive 94/33/EC on the protection of young people at work, as amended Follow national regulation for work with chemical agents in accordance with Directive 98/24/EC, as amended. |
| **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: European 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** | H225 Highly flammable liquid and vapour.<br>H226 Flammable liquid and vapour.<br>H228 Flammable solid.<br>H302 Harmful if swallowed.<br>H304 May be fatal if swallowed and enters airways.<br>H315 Causes skin irritation.<br>H317 May cause an allergic skin reaction.<br>H318 Causes serious eye damage.<br>H319 Causes serious eye irritation.<br>H331 Toxic if inhaled.<br>H332 Harmful if inhaled.<br>H335 May cause respiratory irritation.<br>H351 Suspected of causing cancer.<br>H361 Suspected of damaging fertility or the unborn child.<br>H400 Very toxic to aquatic life.<br>H410 Very toxic to aquatic life with long lasting effects.<br>H411 Toxic to aquatic life with long lasting effects.<br>H412 Harmful to aquatic life with long lasting effects. |
| **Revision information** | Product and Company Identification: EU Poison Centre |

| | |
|---|---|
| **Training information** | Follow training instructions when handling this material. |
| **Disclaimer** | Home Fragrance Italia cannot anticipate all conditions under which this information and its product, or the products of other manufacturers in combination with its product, may be used. It is the user's responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use. The information in the sheet was written based on the best knowledge and experience currently available. |