# SAFETY DATA SHEET

Version #: 03
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Supersedes date: 18-April-2021

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

### 1.1. Product identifier

| | |
|---|---|
| **Trade name or designation of the mixture** | Volcanic Purple Refill for Diffuser 250ml |
| **Registration number** | - |
| **Synonyms** | None. |
| **Product code** | 7REMVP |

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

| | |
|---|---|
| **Identified uses** | Generic 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 Center** | 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 Center** | +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 Center** | (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 Center** | 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.) |
| **Malta Accident and Emergency Department** | 2545 4030 (Hours of operation not provided. SDS/Product information may not be available for the Emergency Service.) |

### 1.4. Emergency telephone number

| | |
|---|---|
| **Netherlands National Poisons Information Center (NVIC)** | 030-274 88 88 (Only for the purpose of informing medical personnel in cases of acute intoxications) |
| **Norway Norwegian Poison Information Center** | 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 Center** | 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**

| | | |
|---|---|---|
| **Physical hazards** | | |
| Flammable liquids | Category 2 | H225 - Highly flammable liquid and vapour. |
| **Health hazards** | | |
| Serious eye damage/eye irritation | Category 2 | H319 - Causes serious eye irritation. |
| Skin sensitisation | Category 1 | H317 - May cause an allergic skin reaction. |
| **Environmental hazards** | | |
| Hazardous to the aquatic environment, long-term aquatic hazard | Category 3 | H412 - Harmful to aquatic life with long lasting effects. |

### 2.2. Label elements

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

**UFI:**

Austria: XANT-2YX3-SU1U-MDMW
Belgium: XANT-2YX3-SU1U-MDMW
Bulgaria: XANT-2YX3-SU1U-MDMW
Croatia: XANT-2YX3-SU1U-MDMW
Cyprus: XANT-2YX3-SU1U-MDMW
Czech Republic: XANT-2YX3-SU1U-MDMW
Denmark: XANT-2YX3-SU1U-MDMW
Estonia: XANT-2YX3-SU1U-MDMW
EU: XANT-2YX3-SU1U-MDMW
Finland: XANT-2YX3-SU1U-MDMW
France: XANT-2YX3-SU1U-MDMW
Germany: XANT-2YX3-SU1U-MDMW
Great Britain: XANT-2YX3-SU1U-MDMW
Greece: XANT-2YX3-SU1U-MDMW
Hungary: XANT-2YX3-SU1U-MDMW
Iceland: XANT-2YX3-SU1U-MDMW
Ireland: XANT-2YX3-SU1U-MDMW
Italy: XANT-2YX3-SU1U-MDMW
Latvia: XANT-2YX3-SU1U-MDMW
Lithuania: XANT-2YX3-SU1U-MDMW
Luxembourg: XANT-2YX3-SU1U-MDMW
Malta: XANT-2YX3-SU1U-MDMW
Netherlands: XANT-2YX3-SU1U-MDMW
Norway: XANT-2YX3-SU1U-MDMW
Poland: XANT-2YX3-SU1U-MDMW
Portugal: XANT-2YX3-SU1U-MDMW
Romania: XANT-2YX3-SU1U-MDMW
Slovakia: XANT-2YX3-SU1U-MDMW
Slovenia: XANT-2YX3-SU1U-MDMW
Spain: XANT-2YX3-SU1U-MDMW
Sweden: XANT-2YX3-SU1U-MDMW

**Contains:** 9-Undecenal, 2,6,10-trimethyl-, Cinnamyl alcohol, cis-4-(Isopropyl)cyclohexanemethanol, Citral, Cyclamen aldehyde, Dihydro pentamethylindanone, Geraniol, Geranyl acetate, Isocyclemone E, Linalool, Linalyl acetate

**Hazard pictograms**

**Signal word** Danger

**Hazard statements**

| | |
|---|---|
| H225 | Highly flammable liquid and vapour. |
| H317 | May cause an allergic skin reaction. |
| H319 | Causes serious eye irritation. |
| H412 | Harmful to aquatic life with long lasting effects. |

**Precautionary statements**

**Prevention**

| | |
|---|---|
| P210 | Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. |
| P233 | Keep container tightly closed. |
| P235 | Keep cool. |
| P240 | Ground and bond container and receiving equipment. |
| P241 | Use explosion-proof electrical/ventilating/lighting equipment. |
| P242 | Use non-sparking tools. |
| P243 | Take action to prevent static discharges. |
| P261 | Avoid breathing mist/vapours. |
| P264 | Wash thoroughly after handling. |
| 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. |

**Response**

| | |
|---|---|
| P303 + P361 + P353 | IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. |
| P305 + P351 + P338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |
| P333 + P313 | If skin irritation or rash occurs: Get medical advice/attention. |
| P337 + P313 | If eye irritation persists: Get medical advice/attention. |
| P362 + P364 | Take off contaminated clothing and wash it before reuse. |
| P370 + P378 | In case of fire: Use appropriate media to extinguish. |

**Storage**

| | |
|---|---|
| P403 + P235 | Store in a well-ventilated place. Keep cool. |

**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 |
|---|---|---|---|---|---|
| Ethanol | 80 - 90 | 64-17-5<br>200-578-6 | - | 603-002-00-5 | |
| **Classification:** Flam. Liq. 2;H225, Eye Irrit. 2;H319 | | | | | |
| Linalool | 3 - 5 | 78-70-6<br>201-134-4 | - | 603-235-00-2 | |
| **Classification:** Skin Irrit. 2;H315, Eye Irrit. 2;H319, Skin Sens. 1B;H317 | | | | | |
| Propanol, 1(or 2)-(2-methoxymethylethoxy)- | 3 - 5 | 34590-94-8<br>252-104-2 | - | - | # |
| **Classification:** - | | | | | |
| Benzeneethanol | 1 - 3 | 60-12-8<br>200-456-2 | - | - | |
| **Classification:** Acute Tox. 4;H302;(ATE: 500 mg/kg), Eye Irrit. 2;H319 | | | | | |

| Chemical name | % | CAS-No. / EC No. | REACH Registration No. | Index No. | Notes |
|---|---|---|---|---|---|
| Geraniol | 1 - 3 | 106-24-1<br>203-377-1 | - | 603-241-00-5 | |
| **Classification:** Skin Irrit. 2;H315, Eye Dam. 1;H318, Skin Sens. 1;H317, Asp. Tox. 1;H304, Aquatic Acute 1;H400, 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 | | | | | |
| cis-4-(Isopropyl)cyclohexanemethanol | ≤ 1 | 13828-37-0<br>237-539-8 | - | - | |
| **Classification:** Skin Irrit. 2;H315, Skin Sens. 1B;H317 | | | | | |
| Cyclamen aldehyde | ≤ 1 | 103-95-7<br>203-161-7 | - | - | |
| **Classification:** Skin Irrit. 2;H315, Skin Sens. 1B;H317, Aquatic Chronic 3;H412 | | | | | |
| Geranyl acetate | ≤ 1 | 105-87-3<br>203-341-5 | - | - | |
| **Classification:** Skin Irrit. 2;H315, Eye Dam. 1;H318, Skin Sens. 1;H317, Asp. Tox. 1;H304, Aquatic Acute 1;H400, Aquatic Chronic 2;H411 | | | | | |
| Isocyclemone E | ≤ 1 | 54464-57-2<br>259-174-3 | - | - | |
| **Classification:** Skin Irrit. 2;H315, Skin Sens. 1B;H317, Aquatic Chronic 1;H410 | | | | | |
| 9-Undecenal, 2,6,10-trimethyl- | ≤ 0,2 | 141-13-9<br>205-460-8 | - | - | |
| **Classification:** Skin Sens. 1B;H317, Aquatic Acute 1;H400, Aquatic Chronic 1;H410 | | | | | |
| Cinnamyl alcohol | ≤ 0,2 | 104-54-1<br>203-212-3 | - | - | |
| **Classification:** Acute Tox. 4;H302;(ATE: 500 mg/kg), Skin Sens. 1B;H317 | | | | | |
| Citral | ≤ 0,2 | 5392-40-5<br>226-394-6 | - | 605-019-00-3 | |
| **Classification:** Skin Irrit. 2;H315, Eye Irrit. 2;H319, Skin Sens. 1;H317 | | | | | |
| Cyclopentadecanone | ≤ 0,2 | 502-72-7<br>207-951-2 | - | - | |
| **Classification:** Aquatic Acute 1;H400, Aquatic Chronic 1;H410 | | | | | |
| Dihydro pentamethylindanone | ≤ 0,2 | 33704-61-9<br>251-649-3 | - | - | |
| **Classification:** Skin Irrit. 2;H315, Eye Irrit. 2;H319, Skin Sens. 1B;H317, Aquatic Chronic 2;H411 | | | | | |
| Other components below reportable levels | 0.78 | | | | |

**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** Take off all contaminated clothing immediately. 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.

**Eye contact** Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. 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** Headache. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Coughing. 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. Thermal burns: Flush with water immediately. While flushing, remove clothes which do not adhere to affected area. Call an ambulance. Continue flushing during transport to hospital. Keep victim under observation. Symptoms may be delayed. |

## SECTION 5: Firefighting measures

| | |
|---|---|
| **General fire hazards** | Highly flammable liquid and vapour. |
| **5.1. Extinguishing media** | |
| **Suitable extinguishing media** | Water fog. Alcohol resistant 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** | Vapours may form explosive mixtures with air. Vapours may travel considerable distance to a source of ignition and flash back. 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** | In case of fire and/or explosion do not breathe fumes. 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. Avoid breathing mist/vapours. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. |
| **For emergency responders** | Keep unnecessary personnel away. Wear appropriate protective equipment and clothing during clean-up. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Avoid breathing mist/vapours. Ventilate closed spaces before entering them. Local authorities should be advised if significant spillages cannot be contained. Use personal protection recommended in 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** | Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil etc) away from spilled material. Take precautionary measures against static discharge. Use only non-sparking tools. Prevent entry into waterways, sewer, basements or confined areas.<br><br>Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Following product recovery, flush area with water.<br><br>Small Spills: Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal. Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.<br><br>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** | Do not handle, store or open near an open flame, sources of heat or sources of ignition. Protect material from direct sunlight. When using do not smoke. Explosion-proof general and local exhaust ventilation. Take precautionary measures against static discharges. All equipment used when handling the product must be grounded. Use non-sparking tools and explosion-proof equipment. Avoid breathing mist/vapours. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. Wear appropriate personal protective equipment. Avoid release to the environment. Observe good industrial hygiene practices. |
| **7.2. Conditions for safe storage, including any incompatibilities** | Keep away from heat, sparks and open flame. Prevent electrostatic charge build-up by using common bonding and grounding techniques. Store in a cool, dry place out of direct sunlight. Store in tightly closed container. Store in a well-ventilated place. Keep in an area equipped with sprinklers. 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 |
|---|---|---|
| Ethanol (CAS 64-17-5) | Ceiling | 3800 mg/m3 |
| | | 2000 ppm |
| | MAK | 1900 mg/m3 |
| | | 1000 ppm |
| Propanol, 1(or 2)-(2-methoxymethylethoxy) - (CAS 34590-94-8) | Ceiling | 614 mg/m3 |
| | | 100 ppm |
| | MAK | 307 mg/m3 |
| | | 50 ppm |

**Belgium. Exposure Limit Values**

| Components | Type | Value | Form |
|---|---|---|---|
| Citral (CAS 5392-40-5) | TWA | 32 mg/m3 | Vapour and aerosol. |
| | | 5 ppm | Vapour and aerosol. |
| Ethanol (CAS 64-17-5) | TWA | 1907 mg/m3 | |
| | | 1000 ppm | |
| Propanol, 1(or 2)-(2-methoxymethylethoxy) - (CAS 34590-94-8) | TWA | 308 mg/m3 | |
| | | 50 ppm | |

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

| Components | Type | Value |
|---|---|---|
| Ethanol (CAS 64-17-5) | TWA | 1000 mg/m3 |
| Propanol, 1(or 2)-(2-methoxymethylethoxy) - (CAS 34590-94-8) | TWA | 308 mg/m3 |
| | | 50 ppm |

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

| Components | Type | Value |
|---|---|---|
| Ethanol (CAS 64-17-5) | MAC | 1900 mg/m3 |
| | | 1000 ppm |
| Propanol, 1(or 2)-(2-methoxymethylethoxy) - (CAS 34590-94-8) | MAC | 308 mg/m3 |
| | | 50 ppm |

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

| Components | Type | Value |
|---|---|---|
| Ethanol (CAS 64-17-5) | Ceiling | 3000 mg/m3 |
| | TWA | 1000 mg/m3 |
| Propanol, 1(or 2)-(2-methoxymethylethoxy) - (CAS 34590-94-8) | Ceiling | 550 mg/m3 |
| | TWA | 270 mg/m3 |

**Denmark. Exposure Limit Values**

| Components | Type | Value |
|---|---|---|
| Ethanol (CAS 64-17-5) | TLV | 1900 mg/m3 |
| | | 1000 ppm |
| Propanol, 1(or 2)-(2-methoxymethylethoxy) - (CAS 34590-94-8) | TLV | 309 mg/m3 |
| | | 50 ppm |

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

| Components | Type | Value |
|---|---|---|
| Ethanol (CAS 64-17-5) | STEL | 1900 mg/m3 |
| | | 1000 ppm |
| | TWA | 1000 mg/m3 |
| | | 500 ppm |
| Propanol, 1(or 2)-(2-methoxymethylethoxy) - (CAS 34590-94-8) | TWA | 308 mg/m3 |
| | | 50 ppm |

**Finland. Workplace Exposure Limits**

| Components | Type | Value |
|---|---|---|
| Ethanol (CAS 64-17-5) | STEL | 2500 mg/m3 |
| | | 1300 ppm |
| | TWA | 1900 mg/m3 |
| | | 1000 ppm |
| Propanol, 1(or 2)-(2-methoxymethylethoxy) - (CAS 34590-94-8) | TWA | 310 mg/m3 |
| | | 50 ppm |

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

| Components | Type | Value |
|---|---|---|
| Ethanol (CAS 64-17-5) | VLE | 9500 mg/m3 |
| **Regulatory status:** Indicative limit (VL) | | |
| | | 5000 ppm |
| **Regulatory status:** Indicative limit (VL) | | |
| | VME | 1900 mg/m3 |
| **Regulatory status:** Indicative limit (VL) | | |
| | | 1000 ppm |
| **Regulatory status:** Indicative limit (VL) | | |
| Propanol, 1(or 2)-(2-methoxymethylethoxy) - (CAS 34590-94-8) | VME | 308 mg/m3 |
| **Regulatory status:** Regulatory binding (VRC) | | |
| | | 50 ppm |
| **Regulatory status:** Regulatory binding (VRC) | | |

**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 |
|---|---|---|---|
| Ethanol (CAS 64-17-5) | TWA | 380 mg/m3 | |
| | | 200 ppm | |
| Propanol, 1(or 2)-(2-methoxymethylethoxy) - (CAS 34590-94-8) | TWA | 310 mg/m3 | Vapour. |
| | | 50 ppm | Vapour. |

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

| Components | Type | Value | Form |
|---|---|---|---|
| Ethanol (CAS 64-17-5) | AGW | 380 mg/m3 | |
| | | 200 ppm | |
| Propanol, 1(or 2)-(2-methoxymethylethoxy) - (CAS 34590-94-8) | AGW | 310 mg/m3 | Vapour and aerosol. |
| | | 50 ppm | Vapour and aerosol. |

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

| Components | Type | Value |
|---|---|---|
| Ethanol (CAS 64-17-5) | TWA | 1900 mg/m3 |
| | | 1000 ppm |

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

| Components | Type | Value |
|---|---|---|
| Propanol, 1(or 2)-(2-methoxymethylethoxy) - (CAS 34590-94-8) | STEL | 900 mg/m3 |
| | | 150 ppm |
| | TWA | 600 mg/m3 |
| | | 100 ppm |

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

| Components | Type | Value |
|---|---|---|
| Ethanol (CAS 64-17-5) | STEL | 3800 mg/m3 |
| | TWA | 1900 mg/m3 |
| Propanol, 1(or 2)-(2-methoxymethylethoxy) - (CAS 34590-94-8) | TWA | 308 mg/m3 |

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

| Components | Type | Value |
|---|---|---|
| Ethanol (CAS 64-17-5) | TWA | 1900 mg/m3 |
| | | 1000 ppm |
| Propanol, 1(or 2)-(2-methoxymethylethoxy) - (CAS 34590-94-8) | TWA | 300 mg/m3 |
| | | 50 ppm |

**Ireland. Occupational Exposure Limits**

| Components | Type | Value | Form |
|---|---|---|---|
| Citral (CAS 5392-40-5) | TWA | 5 ppm | Inhalable fraction and vapour. |
| Ethanol (CAS 64-17-5) | STEL | 1000 ppm | |
| Propanol, 1(or 2)-(2-methoxymethylethoxy) - (CAS 34590-94-8) | TWA | 308 mg/m3 | |
| | | 50 ppm | |

**Italy. Occupational Exposure Limits**

| Components | Type | Value | Form |
|---|---|---|---|
| Citral (CAS 5392-40-5) | TWA | 5 ppm | Inhalable fraction and vapour. |
| Ethanol (CAS 64-17-5) | STEL | 1000 ppm | |
| Propanol, 1(or 2)-(2-methoxymethylethoxy) - (CAS 34590-94-8) | TWA | 308 mg/m3 | |
| | | 50 ppm | |

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

| Components | Type | Value |
|---|---|---|
| Ethanol (CAS 64-17-5) | TWA | 1000 mg/m3 |
| Propanol, 1(or 2)-(2-methoxymethylethoxy) - (CAS 34590-94-8) | TWA | 308 mg/m3 |
| | | 50 ppm |

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

| Components | Type | Value |
|---|---|---|
| Ethanol (CAS 64-17-5) | STEL | 1900 mg/m3 |
| | | 1000 ppm |
| | TWA | 1000 mg/m3 |
| | | 500 ppm |
| Propanol, 1(or 2)-(2-methoxymethylethoxy) - (CAS 34590-94-8) | STEL | 450 mg/m3 |
| | | 75 ppm |

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

| Components | Type | Value |
|---|---|---|
| | TWA | 308 mg/m3 |
| | | 50 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 |
|---|---|---|
| Propanol, 1(or 2)-(2-methoxymethylethoxy) - (CAS 34590-94-8) | TWA | 308 mg/m3 |
| | | 50 ppm |

**Netherlands. OELs (binding)**

| Components | Type | Value |
|---|---|---|
| Ethanol (CAS 64-17-5) | STEL | 1900 mg/m3 |
| | TWA | 260 mg/m3 |
| Propanol, 1(or 2)-(2-methoxymethylethoxy) - (CAS 34590-94-8) | TWA | 300 mg/m3 |

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

| Components | Type | Value |
|---|---|---|
| Ethanol (CAS 64-17-5) | TLV | 950 mg/m3 |
| | | 500 ppm |
| Propanol, 1(or 2)-(2-methoxymethylethoxy) - (CAS 34590-94-8) | TLV | 300 mg/m3 |
| | | 50 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 |
|---|---|---|
| Citral (CAS 5392-40-5) | STEL | 54 mg/m3 |
| | | 0 ppm |
| | TWA | 27 mg/m3 |
| | | 0 ppm |
| Ethanol (CAS 64-17-5) | TWA | 1900 mg/m3 |
| | | 0 ppm |
| Propanol, 1(or 2)-(2-methoxymethylethoxy) - (CAS 34590-94-8) | STEL | 480 mg/m3 |
| | | 0 ppm |
| | TWA | 240 mg/m3 |
| | | 0 ppm |

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

| Components | Type | Value |
|---|---|---|
| Propanol, 1(or 2)-(2-methoxymethylethoxy) - (CAS 34590-94-8) | TWA | 308 mg/m3 |
| | | 50 ppm |

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

| Components | Type | Value | Form |
|---|---|---|---|
| Citral (CAS 5392-40-5) | TWA | 5 ppm | Inhalable fraction and vapour. |
| Ethanol (CAS 64-17-5) | TWA | 1000 ppm | |
| Propanol, 1(or 2)-(2-methoxymethylethoxy) - (CAS 34590-94-8) | STEL | 150 ppm | |
| | TWA | 100 ppm | |

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

| Components | Type | Value |
|---|---|---|
| Ethanol (CAS 64-17-5) | STEL | 9500 mg/m3 |
| | | 5000 ppm |
| | TWA | 1900 mg/m3 |
| | | 1000 ppm |
| Propanol, 1(or 2)-(2-methoxymethylethoxy) - (CAS 34590-94-8) | TWA | 308 mg/m3 |
| | | 50 ppm |

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

| Components | Type | Value |
|---|---|---|
| Ethanol (CAS 64-17-5) | STEL | 1920 mg/m3 |
| | | 1000 ppm |
| | TWA | 960 mg/m3 |
| | | 500 ppm |
| Propanol, 1(or 2)-(2-methoxymethylethoxy) - (CAS 34590-94-8) | TWA | 308 mg/m3 |
| | | 50 ppm |

**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 |
|---|---|---|
| Ethanol (CAS 64-17-5) | TWA | 960 mg/m3 |
| | | 500 ppm |
| Propanol, 1(or 2)-(2-methoxymethylethoxy) - (CAS 34590-94-8) | TWA | 308 mg/m3 |
| | | 50 ppm |

**Spain. Occupational Exposure Limits**

| Components | Type | Value | Form |
|---|---|---|---|
| Citral (CAS 5392-40-5) | TWA | 5 ppm | Inhalable fraction and vapour. |
| Ethanol (CAS 64-17-5) | STEL | 1910 mg/m3 | |
| | | 1000 ppm | |
| Propanol, 1(or 2)-(2-methoxymethylethoxy) - (CAS 34590-94-8) | TWA | 308 mg/m3 | |
| | | 50 ppm | |

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

| Components | Type | Value |
|---|---|---|
| Ethanol (CAS 64-17-5) | STEL | 1900 mg/m3 |
| | | 1000 ppm |
| | TWA | 1000 mg/m3 |
| | | 500 ppm |
| Propanol, 1(or 2)-(2-methoxymethylethoxy) - (CAS 34590-94-8) | STEL | 450 mg/m3 |
| | | 75 ppm |
| | TWA | 300 mg/m3 |
| | | 50 ppm |

**Switzerland. SUVA Grenzwerte am Arbeitsplatz**

| Components | Type | Value | Form |
|---|---|---|---|
| Ethanol (CAS 64-17-5) | STEL | 1920 mg/m3 | |
| | | 1000 ppm | |
| | TWA | 960 mg/m3 | |

**Switzerland. SUVA Grenzwerte am Arbeitsplatz**

| Components | Type | Value | Form |
|---|---|---|---|
| | | 500 ppm | |
| Propanol, 1(or 2)-(2-methoxymethylethoxy) - (CAS 34590-94-8) | STEL | 300 mg/m3 | Vapour and aerosol. |
| | | 50 ppm | Vapour and aerosol. |
| | TWA | 300 mg/m3 | Vapour and aerosol. |
| | | 50 ppm | Vapour and aerosol. |

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

| Components | Type | Value |
|---|---|---|
| Ethanol (CAS 64-17-5) | TWA | 1920 mg/m3 |
| | | 1000 ppm |
| Propanol, 1(or 2)-(2-methoxymethylethoxy) - (CAS 34590-94-8) | TWA | 308 mg/m3 |
| | | 50 ppm |

**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 |
|---|---|---|
| Propanol, 1(or 2)-(2-methoxymethylethoxy) - (CAS 34590-94-8) | TWA | 308 mg/m3 |
| | | 50 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**

**Austria MAK: Skin designation**

Propanol, 1(or 2)-(2-methoxymethylethoxy)-(CAS 34590-94-8) Can be absorbed through the skin.

**Belgium OELs: Skin designation**

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

Propanol, 1(or 2)-(2-methoxymethylethoxy)-(CAS 34590-94-8) Can be absorbed through the skin.

**Bulgaria OELs: Skin designation**

Propanol, 1(or 2)-(2-methoxymethylethoxy)-(CAS 34590-94-8) Can be absorbed through the skin.

**Croatia ELVs: Skin designation**

Propanol, 1(or 2)-(2-methoxymethylethoxy)-(CAS 34590-94-8) Can be absorbed through the skin.

**Czech Republic PELs: Skin designation**

Propanol, 1(or 2)-(2-methoxymethylethoxy)-(CAS 34590-94-8) Can be absorbed through the skin.

**Denmark GV: Skin designation**

Propanol, 1(or 2)-(2-methoxymethylethoxy)-(CAS 34590-94-8) Can be absorbed through the skin.

**Estonia OELs: Skin designation**

Propanol, 1(or 2)-(2-methoxymethylethoxy)-(CAS 34590-94-8) Can be absorbed through the skin.

**EU Exposure Limit Values: Skin designation**

Propanol, 1(or 2)-(2-methoxymethylethoxy)-(CAS 34590-94-8) Can be absorbed through the skin.

**Finland Exposure Limit Values: Skin designation**

Propanol, 1(or 2)-(2-methoxymethylethoxy)-(CAS 34590-94-8) Can be absorbed through the skin.

**France INRS: Skin designation**

Propanol, 1(or 2)-(2-methoxymethylethoxy)-(CAS 34590-94-8) Can be absorbed through the skin.

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

| | |
|---|---|
| Benzeneethanol (CAS 60-12-8) | Can be absorbed through the skin. |

**Greece OEL: Skin designation**

| | |
|---|---|
| Propanol, 1(or 2)-(2-methoxymethylethoxy)- (CAS 34590-94-8) | Can be absorbed through the skin. |

**Iceland OELs: Skin designation**

| | |
|---|---|
| Propanol, 1(or 2)-(2-methoxymethylethoxy)- (CAS 34590-94-8) | Can be absorbed through the skin. |

**Ireland Exposure Limit Values: Skin designation**

| | |
|---|---|
| Propanol, 1(or 2)-(2-methoxymethylethoxy)- (CAS 34590-94-8) | Can be absorbed through the skin. |

**Italy OELs: Skin designation**

| | |
|---|---|
| Citral (CAS 5392-40-5) | Danger of cutaneous absorption |
| Propanol, 1(or 2)-(2-methoxymethylethoxy)- (CAS 34590-94-8) | Danger of cutaneous absorption |

**Latvia OELs: Skin designation**

| | |
|---|---|
| Propanol, 1(or 2)-(2-methoxymethylethoxy)- (CAS 34590-94-8) | Can be absorbed through the skin. |

**Lithuania OELs: Skin designation**

| | |
|---|---|
| Propanol, 1(or 2)-(2-methoxymethylethoxy)- (CAS 34590-94-8) | Can be absorbed through the skin. |

**Luxembourg OELs: Skin designation**

| | |
|---|---|
| Propanol, 1(or 2)-(2-methoxymethylethoxy)- (CAS 34590-94-8) | Can be absorbed through the skin. |

**Malta OELs: Skin designation**

| | |
|---|---|
| Propanol, 1(or 2)-(2-methoxymethylethoxy)- (CAS 34590-94-8) | Can be absorbed through the skin. |

**Netherlands OELs (binding): Skin designation**

| | |
|---|---|
| Ethanol (CAS 64-17-5) | Can be absorbed through the skin. |

**Norway Exposure Limit Values: Skin designation**

| | |
|---|---|
| Propanol, 1(or 2)-(2-methoxymethylethoxy)- (CAS 34590-94-8) | Can be absorbed through the skin. |

**Portugal OELs: Skin designation**

| | |
|---|---|
| Propanol, 1(or 2)-(2-methoxymethylethoxy)- (CAS 34590-94-8) | Can be absorbed through the skin. |

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

| | |
|---|---|
| Citral (CAS 5392-40-5) | Can be absorbed through the skin. |
| Propanol, 1(or 2)-(2-methoxymethylethoxy)- (CAS 34590-94-8) | Can be absorbed through the skin. |

**Romania OELs: Skin designation**

| | |
|---|---|
| Propanol, 1(or 2)-(2-methoxymethylethoxy)- (CAS 34590-94-8) | Can be absorbed through the skin. |

**Slovakia OELs: Skin designation**

| | |
|---|---|
| Propanol, 1(or 2)-(2-methoxymethylethoxy)- (CAS 34590-94-8) | 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)**

| | |
|---|---|
| Propanol, 1(or 2)-(2-methoxymethylethoxy)- (CAS 34590-94-8) | Can be absorbed through the skin. |

**Spain OELs: Skin designation**

| | |
|---|---|
| Citral (CAS 5392-40-5) | Can be absorbed through the skin. |
| Propanol, 1(or 2)-(2-methoxymethylethoxy)- (CAS 34590-94-8) | Can be absorbed through the skin. |

**Sweden Threshold Limit Values: Skin designation**

| | |
|---|---|
| Propanol, 1(or 2)-(2-methoxymethylethoxy)- (CAS 34590-94-8) | Can be absorbed through the skin. |

**UK EH40 WEL: Skin designation**

| | |
|---|---|
| Propanol, 1(or 2)-(2-methoxymethylethoxy)- (CAS 34590-94-8) | Can be absorbed through the skin. |

### 8.2. Exposure controls

**Appropriate engineering controls**

Explosion-proof general and local exhaust ventilation. 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** | If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn. |
| **Thermal hazards** | Wear appropriate thermal protective clothing, when necessary. |
| **Hygiene measures** | When using do not smoke. 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** | Liquid. |
| **Form** | Liquid. |
| **Colour** | Purple. |
| **Odour** | Not available. |
| **Melting point/freezing point** | -114,1 °C (-173,38 °F) estimated |
| **Boiling point or initial boiling point and boiling range** | 78,29 °C (172,92 °F) estimated |
| **Flammability (solid, gas)** | Not applicable. |
| **Flash point** | >= 13 °C (>= 55,4 °F) |
| **Auto-ignition temperature** | 363 °C (685,4 °F) estimated |
| **Decomposition temperature** | Not available. |
| **pH** | Not available. |
| **Solubility(ies)** | |
| **Solubility (water)** | Not available. |
| **Partition coefficient (n-octanol/water)** | Not available. |
| **Vapour pressure** | 79,06 hPa estimated |
| **Vapour density** | Not available. |
| **Relative 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**

| | |
|---|---|
| **Density** | 0,82 g/cm3 estimated |
| **Explosive properties** | Not explosive. |
| **Oxidising properties** | Not oxidising. |
| **Percent volatile** | 85,83 % estimated |
| **Specific gravity** | 0,81969 estimated |
| **VOC** | 85,87 % 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** Avoid heat, sparks, open flames and other ignition sources. Avoid temperatures exceeding the flash point. 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** May cause an allergic skin reaction.

**Eye contact** Causes serious eye irritation.

**Ingestion** May cause discomfort if swallowed. However, ingestion is not likely to be a primary route of occupational exposure.

**Symptoms** Headache. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Coughing. May cause an allergic skin reaction. Dermatitis. Rash.

**11.1. Information on toxicological effects**

**Acute toxicity** No data available.

**Skin corrosion/irritation** Due to partial or complete lack of data the classification is not possible.

**Serious eye damage/eye irritation** Causes serious eye 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** Due to partial or complete lack of data the classification is not possible.

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

Not listed.

**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** Based on available data, the classification criteria are not met.

**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** Harmful 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 |
|---|---|---|---|
| Ethanol (CAS 64-17-5) | | | |
| **Aquatic** | | | |
| *Acute* | | | |
| Crustacea | EC50 | Water flea (Daphnia magna) | >= 7,7 - <= 11,2 mg/l, 48 hours |
| Fish | LC50 | Rainbow trout,donaldson trout (Oncorhynchus mykiss) | 42 mg/l, 4 days |
| Geraniol (CAS 106-24-1) | | | |
| **Aquatic** | | | |
| *Acute* | | | |
| Fish | LC50 | Brown trout (Salmo trutta) | >= 2,3 - <= 3 mg/l, 96 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)** | |
|---|---|
| 9-Undecenal, 2,6,10-trimethyl- | 6,2 |
| Benzeneethanol | 1,36 |
| Cinnamyl alcohol | 1,452 |
| cis-4-(Isopropyl)cyclohexanemethanol | 3,243 |
| Citral | 2,76 |
| | 3,45 |
| Cyclamen aldehyde | 3,4 |
| Cyclopentadecanone | 5,6 |
| Dihydro pentamethylindanone | 4,2 |
| Ethanol | -0,31 |
| Geraniol | 3,56 |
| Geranyl acetate | 4,04 |
| Linalool | 2,97 |
| Linalyl acetate | 3,9 |
| | 3,93 |

**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** The product contains volatile organic compounds which have a photochemical ozone creation potential.

**12.8. Additional information**

**Estonia Dangerous substances in soil Data**

| | |
|---|---|
| Benzeneethanol (CAS 60-12-8) | Chemical pesticides (As the total sum of the active substances) 0,5 mg/kg<br>Chemical pesticides (As the total sum of the active substances) 20 mg/kg<br>Chemical pesticides (As the total sum of the active substances) 5 mg/kg |
| Ethanol (CAS 64-17-5) | Chemical pesticides (As the total sum of the active substances) 0,5 mg/kg<br>Chemical pesticides (As the total sum of the active substances) 20 mg/kg<br>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<br>Chemical pesticides (As the total sum of the active substances) 20 mg/kg<br>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<br>Chemical pesticides (As the total sum of the active substances) 20 mg/kg<br>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** | UN1993 |
| **14.2. UN proper shipping name** | FLAMMABLE LIQUID, N.O.S. (vapour pressure at 50 °C more than 110 kPa) (Ethanol, Geraniol) |
| **14.3. Transport hazard class(es)** | |
| **Class** | 3 |
| **Subsidiary risk** | - |
| **Label(s)** | 3 |
| **Hazard No. (ADR)** | 33 |
| **Tunnel restriction code** | D/E |
| **14.4. Packing group** | II |
| **14.5. Environmental hazards** | No. |
| **14.6. Special precautions for user** | Read safety instructions, SDS and emergency procedures before handling. |

**RID**

| | |
|---|---|
| **14.1. UN number** | UN1993 |
| **14.2. UN proper shipping name** | FLAMMABLE LIQUID, N.O.S. (vapour pressure at 50 °C not more than 110 kPa) (Ethanol, Geraniol) |
| **14.3. Transport hazard class(es)** | |
| **Class** | 3 |
| **Subsidiary risk** | - |
| **Label(s)** | 3 |
| **14.4. Packing group** | II |
| **14.5. Environmental hazards** | No. |
| **14.6. Special precautions for user** | Read safety instructions, SDS and emergency procedures before handling. |

**ADN**

| | |
|---|---|
| **14.1. UN number** | UN1993 |
| **14.2. UN proper shipping name** | FLAMMABLE LIQUID, N.O.S. (Ethanol, Geraniol) |
| **14.3. Transport hazard class(es)** | |
| **Class** | 3 |
| **Subsidiary risk** | - |
| **Label(s)** | 3 |
| **14.4. Packing group** | II |
| **14.5. Environmental hazards** | No. |
| **14.6. Special precautions for user** | Read safety instructions, SDS and emergency procedures before handling. |

**IATA**

| | |
|---|---|
| **14.1. UN number** | UN1993 |
| **14.2. UN proper shipping name** | Flammable liquid, n.o.s. (Ethanol, Geraniol) |
| **14.3. Transport hazard class(es)** | |
| **Class** | 3 |
| **Subsidiary risk** | - |
| **14.4. Packing group** | II |
| **14.5. Environmental hazards** | Yes |
| **ERG Code** | 3H |
| **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** | UN1993 |
| **14.2. UN proper shipping name** | FLAMMABLE LIQUID, N.O.S. (Ethanol, Geraniol), MARINE POLLUTANT |
| **14.3. Transport hazard class(es)** | |
| **Class** | 3 |
| **Subsidiary risk** | - |
| **14.4. Packing group** | II |
| **14.5. Environmental hazards** | |
| **Marine pollutant** | Yes |
| **EmS** | F-E, S-E |

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

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

**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**

Not listed.

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

Not listed.

**UFI:**

Austria: XANT-2YX3-SU1U-MDMW
Belgium: XANT-2YX3-SU1U-MDMW
Bulgaria: XANT-2YX3-SU1U-MDMW
Croatia: XANT-2YX3-SU1U-MDMW
Cyprus: XANT-2YX3-SU1U-MDMW
Czech Republic: XANT-2YX3-SU1U-MDMW
Denmark: XANT-2YX3-SU1U-MDMW
Estonia: XANT-2YX3-SU1U-MDMW
EU: XANT-2YX3-SU1U-MDMW
Finland: XANT-2YX3-SU1U-MDMW
France: XANT-2YX3-SU1U-MDMW
Germany: XANT-2YX3-SU1U-MDMW
Great Britain: XANT-2YX3-SU1U-MDMW
Greece: XANT-2YX3-SU1U-MDMW
Hungary: XANT-2YX3-SU1U-MDMW
Iceland: XANT-2YX3-SU1U-MDMW
Ireland: XANT-2YX3-SU1U-MDMW
Italy: XANT-2YX3-SU1U-MDMW
Latvia: XANT-2YX3-SU1U-MDMW
Lithuania: XANT-2YX3-SU1U-MDMW
Luxembourg: XANT-2YX3-SU1U-MDMW
Malta: XANT-2YX3-SU1U-MDMW
Netherlands: XANT-2YX3-SU1U-MDMW
Norway: XANT-2YX3-SU1U-MDMW
Poland: XANT-2YX3-SU1U-MDMW
Portugal: XANT-2YX3-SU1U-MDMW
Romania: XANT-2YX3-SU1U-MDMW
Slovakia: XANT-2YX3-SU1U-MDMW
Slovenia: XANT-2YX3-SU1U-MDMW
Spain: XANT-2YX3-SU1U-MDMW
Sweden: XANT-2YX3-SU1U-MDMW

**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**

Ethanol (CAS 64-17-5)
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**

Ethanol (CAS 64-17-5)

**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.

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|---|---|
| | STEL: Short term exposure limit.<br>TLV: Threshold Limit Value.<br>TWA: Time Weighted Average.<br>VLE: Exposure Limit Value.<br>VME: Exposure Average Value.<br>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 H-statements not written out in full under Sections 2 to 15** | H225 Highly flammable liquid and vapour.<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>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: Product and Company Identification<br>SECTION 3: Composition/information on ingredients: Component information<br>SECTION 9: Physical and chemical properties: Colour<br>SECTION 10: Stability and reactivity: 10,3. Possibility of hazardous reactions<br>SECTION 16: Other information: References |
| **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. |