

Version #: 01

Issue date: 05-December-2022

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

### 1.1. Product identifier

<b>Trade name or designation of the mixture</b>	FRAGRANCE FOR RECHARGEABLE WIRELESS DIFFUSER - VANILLA/WOOD
<b>Registration number</b>	-
<b>Synonyms</b>	None.
<b>Product code</b>	99RWDDV

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

<b>Identified uses</b>	General Public Use
<b>Uses advised against</b>	None known.

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

#### Supplier

<b>Company name</b>	Home Fragrance Italia
<b>Address</b>	Via A. Tonale 26 Milano 20125 IT

#### Division

#### Telephone

**e-mail** Not available.

**Contact person** Not available.

### 1.4. Emergency telephone number

#### 1.4. Emergency telephone number

<b>General in EU</b>	112 (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.)
<b>Austria National Poisons Information Centre</b>	+431 406 4343 (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.)
<b>Belgium National Poisons Control Center</b>	070 245 245 (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.)
<b>Bulgaria National Toxicological Information Centre</b>	+359 2 9154233 (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.)
<b>Czech Republic National Poisons Information Centre</b>	+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.)
<b>Denmark National Poisons Control Center</b>	+45 82 12 12 12 (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.)
<b>Estonia National Poisons Information Centre</b>	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.)
<b>Finland National Poison Information Center</b>	(09) 471 977 (direct) or (09) 4711 (exchange) (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.)
<b>France National Poisons Control Center</b>	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.)
<b>Hungary National Emergency Phone Number</b>	36 80 20 11 99 (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.)
<b>Lithuania Neatidėliotina informacija apsinuodijus</b>	+370 5 236 20 52 or +37068753378 (Hours of operation not provided. SDS/Product information may not be available for the Emergency Service.)
<b>Malta Accident and Emergency Department</b>	2545 4030 (Hours of operation not provided. SDS/Product information may not be available for the Emergency Service.)

#### 1.4. Emergency telephone number

<b>Netherlands National Poisons Information Center (NVIC)</b>	030-274 88 88 (Only for the purpose of informing medical personnel in cases of acute intoxications)
<b>Norway Norwegian Poison Information Center</b>	22 59 13 00 (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.)
<b>Portugal Poison Centre</b>	800 250 250 (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.)
<b>Romania Biroul RSI si Informare Toxicologica</b>	021.318.36.06 (Available 8:00AM-3:00PM. SDS/Product information may not be available for the Emergency Service.)
<b>Slovakia National Toxicological Information Centre</b>	+421 2 5477 4166 (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.)
<b>Sweden National Poison Information Center</b>	112 - and ask for Poison Information (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.)
<b>Switzerland Tox Info Suisse</b>	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 1	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.
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### 2.2. Label elements

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

##### UFI:

Austria: 4NVT-CRY0-331J-CUGQ  
Belgium: 4NVT-CRY0-331J-CUGQ  
Bulgaria: 4NVT-CRY0-331J-CUGQ  
Croatia: 4NVT-CRY0-331J-CUGQ  
Cyprus: 4NVT-CRY0-331J-CUGQ  
Czech Republic: 4NVT-CRY0-331J-CUGQ  
Denmark: 4NVT-CRY0-331J-CUGQ  
Estonia: 4NVT-CRY0-331J-CUGQ  
EU: 4NVT-CRY0-331J-CUGQ  
Finland: 4NVT-CRY0-331J-CUGQ  
France: 4NVT-CRY0-331J-CUGQ  
Germany: 4NVT-CRY0-331J-CUGQ  
Great Britain: 4NVT-CRY0-331J-CUGQ  
Greece: 4NVT-CRY0-331J-CUGQ  
Hungary: 4NVT-CRY0-331J-CUGQ  
Iceland: 4NVT-CRY0-331J-CUGQ  
Ireland: 4NVT-CRY0-331J-CUGQ  
Italy: 4NVT-CRY0-331J-CUGQ  
Latvia: 4NVT-CRY0-331J-CUGQ  
Lithuania: 4NVT-CRY0-331J-CUGQ  
Luxembourg: 4NVT-CRY0-331J-CUGQ  
Malta: 4NVT-CRY0-331J-CUGQ  
Netherlands: 4NVT-CRY0-331J-CUGQ  
Norway: 4NVT-CRY0-331J-CUGQ  
Poland: 4NVT-CRY0-331J-CUGQ  
Portugal: 4NVT-CRY0-331J-CUGQ  
Romania: 4NVT-CRY0-331J-CUGQ  
Slovakia: 4NVT-CRY0-331J-CUGQ  
Slovenia: 4NVT-CRY0-331J-CUGQ  
Spain: 4NVT-CRY0-331J-CUGQ  
Sweden: 4NVT-CRY0-331J-CUGQ

**Contains:** 2-ethoxy-4-methylphenol, 3-Octanol, 3,7-dimethyl-, Acetylcedrene, cis-4-(Isopropyl)cyclohexanemethanol, Citronellol, Coumarin, Cyclamen aldehyde, Cyclododecane, (ethoxymethoxy)-, Dihydro pentamethylindanone, d-Limonene, Ethoxy-Methoxymethyl-Phenol, Eucalyptol, Isocyclemone E, Linalool, Linalyl acetate, Oils, guaiac wood, Oils, orange, sweet

**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.  
P273 Avoid release to the environment.

**Response**

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

**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-Buten-1-ol, 2-ethyl-4-(2,2,3-trimethyl-3-cyclopentyl)-	5	28219-61-6 248-908-8	-	-	<b>Classification:</b> Skin Irrit. 2;H315, Eye Irrit. 2;H319, Aquatic Chronic 2;H411
3-Cyclopentene-1-butanol, alpha,beta,2,2,3-pentamethyl-	5	65113-99-7 265-453-0	-	-	<b>Classification:</b> Eye Irrit. 2;H319, Aquatic Chronic 2;H411
Benzyl acetate	5	140-11-4 205-399-7	-	-	<b>Classification:</b> Aquatic Chronic 3;H412
cis-4-(Isopropyl)cyclohexanemethanol	5	13828-37-0 237-539-8	-	-	<b>Classification:</b> Skin Irrit. 2;H315, Skin Sens. 1B;H317
Coumarin	5	91-64-5 202-086-7	-	-	<b>Classification:</b> Acute Tox. 4;H302;(ATE: 500 mg/kg), Skin Sens. 1B;H317
Cyclododecane, (ethoxymethoxy)-	5	58567-11-6 261-332-1	-	-	<b>Classification:</b> Skin Irrit. 2;H315, Skin Sens. 1B;H317, Aquatic Chronic 2;H411
d-Limonene	5	5989-27-5 227-813-5	-	601-029-00-7	<b>Classification:</b> Flam. Liq. 3;H226, Skin Irrit. 2;H315, Skin Sens. 1;H317, Asp. Tox. 1;H304, Aquatic Acute 1;H400, Aquatic Chronic 1;H410 C
2,6-Dimethyl-7-octen-2-ol	1	18479-58-8 242-362-4	-	-	<b>Classification:</b> Skin Irrit. 2;H315, Eye Irrit. 2;H319

Chemical name	%	CAS-No. / EC No.	REACH Registration No.	Index No.	Notes
2-ethoxy-4-methylphenol	1	2563-07-7 432-030-9	-	-	
<b>Classification:</b> Acute Tox. 4;H302;(ATE: 500 mg/kg), Eye Dam. 1;H318, Skin Sens. 1B;H317					
3,7-dimethyloctane-1,7-diol	1	107-74-4 203-517-1	-	-	
<b>Classification:</b> Eye Irrit. 2;H319					
3-Octanol, 3,7-dimethyl-	1	78-69-3 201-133-9	-	-	
<b>Classification:</b> Skin Irrit. 2;H315, Eye Irrit. 2;H319, Skin Sens. 1B;H317					
Acetylcedrene	1	32388-55-9 251-020-3	-	-	
<b>Classification:</b> Skin Sens. 1B;H317, Aquatic Acute 1;H400, Aquatic Chronic 1;H410					
Benzaldehyde	1	100-52-7 202-860-4	-	605-012-00-5	
<b>Classification:</b> Acute Tox. 4;H302;(ATE: 500 mg/kg), Eye Irrit. 2;H319, STOT SE 3;H335					
Benzyl benzoate	1	120-51-4 204-402-9	-	607-085-00-9	
<b>Classification:</b> Acute Tox. 4;H302;(ATE: 500 mg/kg), Aquatic Acute 1;H400, Aquatic Chronic 2;H411					
Citronellol	1	106-22-9 203-375-0	-	-	
<b>Classification:</b> Skin Irrit. 2;H315, Eye Dam. 1;H318, Skin Sens. 1;H317, Asp. Tox. 1;H304, Aquatic Chronic 2;H411					
Cyclamen aldehyde	1	103-95-7 203-161-7	-	-	
<b>Classification:</b> Skin Irrit. 2;H315, Skin Sens. 1B;H317, Aquatic Chronic 3;H412					
Cyclopropanemethanol, 1-methyl-2-[(1,2,2-trimethylbicyclo[3.1 .0]hex-3-yl)methyl]-	1	198404-98-7 -	-	-	
<b>Classification:</b> Aquatic Acute 1;H400, Aquatic Chronic 1;H410					
Dihydro pentamethylindanone	1	33704-61-9 251-649-3	-	-	
<b>Classification:</b> Skin Irrit. 2;H315, Eye Irrit. 2;H319, Skin Sens. 1B;H317, Aquatic Chronic 2;H411					
Ethoxy-Methoxymethyl-Phenol	1	5595-79-9 447-640-0	-	-	
<b>Classification:</b> Acute Tox. 4;H302;(ATE: 500 mg/kg), Skin Sens. 1B;H317					
Ethyl salicylate	1	118-61-6 204-265-5	-	-	
<b>Classification:</b> Acute Tox. 4;H302;(ATE: 500 mg/kg), Skin Irrit. 2;H315					
Ethyl vanillin	1	121-32-4 204-464-7	-	-	
<b>Classification:</b> Eye Irrit. 2;H319					
Eucalyptol	1	470-82-6 207-431-5	-	-	
<b>Classification:</b> Flam. Liq. 3;H226, Eye Irrit. 2;H319, Skin Sens. 1B;H317					
Isocyclemone E	1	54464-57-2 259-174-3	-	-	
<b>Classification:</b> Skin Irrit. 2;H315, Skin Sens. 1B;H317, Aquatic Chronic 1;H410					
Linalool	1	78-70-6 201-134-4	-	603-235-00-2	
<b>Classification:</b> Skin Irrit. 2;H315, Eye Irrit. 2;H319, Skin Sens. 1B;H317					
Linalyl acetate	1	115-95-7 204-116-4	-	-	
<b>Classification:</b> Skin Irrit. 2;H315, Eye Irrit. 2;H319, Skin Sens. 1B;H317					

Chemical name	%	CAS-No. / EC No.	REACH Registration No.	Index No.	Notes
Majantol	1	103694-68-4 403-140-4	-	603-138-00-5	
<b>Classification:</b> Aquatic Chronic 3;H412					
Methyl salicylate	1	119-36-8 204-317-7	-	-	
<b>Classification:</b> Acute Tox. 4;H302;(ATE: 500 mg/kg), Repr. 2;H361					
Naphtho(2,1-b)furan, dodecahydro-3a,6,6,9a-tetramethyl-	1	3738-00-9 223-118-6	-	-	
<b>Classification:</b> Aquatic Chronic 2;H411					
Oils, guaiac wood	1	8016-23-7 616-975-6	-	-	
<b>Classification:</b> Skin Irrit. 2;H315, Skin Sens. 1B;H317, Aquatic Chronic 2;H411					
Oils, orange, sweet	1	8008-57-9 616-926-9	-	-	
<b>Classification:</b> Flam. Liq. 2;H225, Skin Irrit. 2;H315, Eye Irrit. 2;H319, Skin Sens. 1;H317, Asp. Tox. 1;H304, Aquatic Chronic 2;H411					
Propanol, 1(or 2)-(2-methoxymethylethoxy)-	1	34590-94-8 252-104-2	-	-	#
<b>Classification:</b> -					
Terpineol	1	8000-41-7 232-268-1	-	-	
<b>Classification:</b> Skin Irrit. 2;H315, Eye Irrit. 2;H319					
Other components below reportable levels	40				

#### 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** Foam. Powder. Carbon dioxide (CO<sub>2</sub>).

**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. Avoid breathing mist/vapours. 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. Avoid breathing mist/vapours. 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. Dike the spilled material, where this is possible. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water.

Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). 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 mist/vapours. 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
Propanol, 1(or 2)-(2-methoxymethylethoxy) - (CAS 34590-94-8)	Ceiling	614 mg/m <sup>3</sup>
		100 ppm
	MAK	307 mg/m <sup>3</sup> 50 ppm

##### Belgium. Exposure Limit Values

Components	Type	Value
Benzyl acetate (CAS 140-11-4)	TWA	62 mg/m <sup>3</sup>
		10 ppm
Propanol, 1(or 2)-(2-methoxymethylethoxy) - (CAS 34590-94-8)	TWA	308 mg/m <sup>3</sup>
		50 ppm

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

Components	Type	Value
Benzaldehyde (CAS 100-52-7)	TWA	5 mg/m <sup>3</sup>

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

Components	Type	Value
Propanol, 1(or 2)-(2-methoxymethylethoxy) - (CAS 34590-94-8)	TWA	308 mg/m <sup>3</sup>
		50 ppm

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

Components	Type	Value
Propanol, 1(or 2)-(2-methoxymethylethoxy) - (CAS 34590-94-8)	MAC	308 mg/m <sup>3</sup>
		50 ppm

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

Components	Type	Value
Propanol, 1(or 2)-(2-methoxymethylethoxy) - (CAS 34590-94-8)	Ceiling	550 mg/m <sup>3</sup>
	TWA	270 mg/m <sup>3</sup>

**Denmark. Exposure Limit Values**

Components	Type	Value
Benzyl acetate (CAS 140-11-4)	TLV	61 mg/m <sup>3</sup>
		10 ppm
d-Limonene (CAS 5989-27-5)	TLV	25 ppm
Propanol, 1(or 2)-(2-methoxymethylethoxy) - (CAS 34590-94-8)	TLV	309 mg/m <sup>3</sup>
		50 ppm

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

Components	Type	Value
Propanol, 1(or 2)-(2-methoxymethylethoxy) - (CAS 34590-94-8)	TWA	308 mg/m <sup>3</sup>
		50 ppm

**Finland. Workplace Exposure Limits**

Components	Type	Value
Benzaldehyde (CAS 100-52-7)	Ceiling	17,4 mg/m <sup>3</sup>
		4 ppm
	TWA	4,4 mg/m <sup>3</sup> 1 ppm
d-Limonene (CAS 5989-27-5)	STEL	280 mg/m <sup>3</sup>
		50 ppm
	TWA	140 mg/m <sup>3</sup> 25 ppm
Propanol, 1(or 2)-(2-methoxymethylethoxy) - (CAS 34590-94-8)	TWA	310 mg/m <sup>3</sup>
		50 ppm

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

Components	Type	Value
Propanol, 1(or 2)-(2-methoxymethylethoxy) - (CAS 34590-94-8)	VME	308 mg/m <sup>3</sup>
	<b>Regulatory status:</b> Regulatory binding (VRC)	50 ppm
	<b>Regulatory status:</b> Regulatory binding (VRC)	

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

Components	Type	Value	Form
d-Limonene (CAS 5989-27-5)	TWA	28 mg/m3 5 ppm	
Propanol, 1(or 2)-(2-methoxymethylethoxy) - (CAS 34590-94-8)	TWA	310 mg/m3 50 ppm	Vapour.
Propanol, oxybis- (CAS 25265-71-8)	TWA	100 mg/m3	Vapor and aerosol, inhalable fraction.

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

Components	Type	Value	Form
d-Limonene (CAS 5989-27-5)	AGW	28 mg/m3 5 ppm	
Propanol, 1(or 2)-(2-methoxymethylethoxy) - (CAS 34590-94-8)	AGW	310 mg/m3 50 ppm	Vapour and aerosol.
Propanol, oxybis- (CAS 25265-71-8)	AGW	100 mg/m3	Inhalable fraction.

**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
	TWA	150 ppm 600 mg/m3 100 ppm

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

Components	Type	Value
Benzaldehyde (CAS 100-52-7)	STEL	10 mg/m3
	TWA	5 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
Propanol, 1(or 2)-(2-methoxymethylethoxy) - (CAS 34590-94-8)	TWA	300 mg/m3 50 ppm

**Ireland. Occupational Exposure Limits**

Components	Type	Value
Benzyl acetate (CAS 140-11-4)	TWA	10 ppm
Propanol, 1(or 2)-(2-methoxymethylethoxy) - (CAS 34590-94-8)	TWA	308 mg/m3 50 ppm

**Italy. Occupational Exposure Limits**

Components	Type	Value
Benzyl acetate (CAS 140-11-4)	TWA	10 ppm
Propanol, 1(or 2)-(2-methoxymethylethoxy) - (CAS 34590-94-8)	TWA	308 mg/m3



**Italy. Occupational Exposure Limits**

Components	Type	Value
		50 ppm

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

Components	Type	Value
Benzaldehyde (CAS 100-52-7)	TWA	5 mg/m3
Benzyl acetate (CAS 140-11-4)	TWA	5 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
Benzaldehyde (CAS 100-52-7)	TWA	5 mg/m3
Benzyl acetate (CAS 140-11-4)	TWA	5 mg/m3
Propanol, 1(or 2)-(2-methoxymethylethoxy) - (CAS 34590-94-8)	STEL	450 mg/m3
		75 ppm
	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
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
d-Limonene (CAS 5989-27-5)	TLV	140 mg/m3
		25 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
Benzaldehyde (CAS 100-52-7)	STEL	40 mg/m3
		0 ppm
	TWA	10 mg/m3
		0 ppm
Propanol, 1(or 2)-(2-methoxymethylethoxy) - (CAS 34590-94-8)	STEL	480 mg/m3
		0 ppm
	TWA	240 mg/m3

**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
		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
Benzyl acetate (CAS 140-11-4)	TWA	10 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
Benzyl acetate (CAS 140-11-4)	STEL	80 mg/m3
		13 ppm
	TWA	50 mg/m3
		8 ppm
ethyl 3-oxobutanoate (CAS 141-97-9)	STEL	200 mg/m3
		38 ppm
	TWA	100 mg/m3
		19 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
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	Form
d-Limonene (CAS 5989-27-5)	TWA	28 mg/m3	
		5 ppm	
Propanol, 1(or 2)-(2-methoxymethylethoxy) - (CAS 34590-94-8)	TWA	308 mg/m3	
		50 ppm	
Propanol, oxybis- (CAS 25265-71-8)	TWA	100 mg/m3	Inhalable fraction.

**Spain. Occupational Exposure Limits**

Components	Type	Value
Benzyl acetate (CAS 140-11-4)	TWA	62 mg/m3
		10 ppm
d-Limonene (CAS 5989-27-5)	TWA	168 mg/m3

**Spain. Occupational Exposure Limits**

Components	Type	Value
Propanol, 1(or 2)-(2-methoxymethylethoxy) - (CAS 34590-94-8)		30 ppm
	TWA	308 mg/m3
		50 ppm

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

Components	Type	Value
Propanol, 1(or 2)-(2-methoxymethylethoxy) - (CAS 34590-94-8)	STEL	450 mg/m3
	TWA	75 ppm 300 mg/m3
		50 ppm

**Switzerland. SUVA Grenzwerte am Arbeitsplatz**

Components	Type	Value	Form
d-Limonene (CAS 5989-27-5)	STEL	80 mg/m3	
	TWA	14 ppm 40 mg/m3	
Propanol, 1(or 2)-(2-methoxymethylethoxy) - (CAS 34590-94-8)	STEL	7 ppm 300 mg/m3	Vapour and aerosol.
	TWA	50 ppm 300 mg/m3	Vapour and aerosol.
		50 ppm	Vapour and aerosol.
Propanol, oxybis- (CAS 25265-71-8)	STEL	280 mg/m3	Vapor and aerosol, inhalable.
	TWA	140 mg/m3	Vapor and aerosol, inhalable.

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

Components	Type	Value
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**

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**

d-Limonene (CAS 5989-27-5)

Can be absorbed through the skin.

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

d-Limonene (CAS 5989-27-5)

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**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.

**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 Occupational Exposure: Skin designation**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)**

d-Limonene (CAS 5989-27-5)	Can be absorbed through the skin.
Propanol, 1(or 2)-(2-methoxymethylethoxy)- (CAS 34590-94-8)	Can be absorbed through the skin.

**Spain OELs: Skin designation**

d-Limonene (CAS 5989-27-5)	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.
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**UK EH40 WEL: Skin designation**

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

<b>Physical state</b>	Liquid.
<b>Form</b>	Liquid.
<b>Colour</b>	Not available.
<b>Odour</b>	Not available.
<b>Melting point/freezing point</b>	-45 °C (-49 °F) estimated
<b>Boiling point or initial boiling point and boiling range</b>	Not available.
<b>Flammability (solid, gas)</b>	Not applicable.
<b>Flash point</b>	70 °C (158 °F) estimated
<b>Auto-ignition temperature</b>	295 °C (563 °F) estimated
<b>Decomposition temperature</b>	Not available.
<b>pH</b>	Not available.
<b>Solubility(ies)</b>	
<b>Solubility (water)</b>	Not available.
<b>Partition coefficient (n-octanol/water)</b>	Not available.
<b>Vapour pressure</b>	0,699943 hPa estimated
<b>Vapour density</b>	Not available.
<b>Relative density</b>	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

<b>Density</b>	1,003 g/cm <sup>3</sup> estimated
<b>Explosive properties</b>	Not explosive.
<b>Oxidising properties</b>	Not oxidising.
<b>Percent volatile</b>	54,99 % estimated
<b>Specific gravity</b>	1,00278 estimated
<b>VOC</b>	71 % 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 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** 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 toxicological effects

**Acute toxicity** No data available.

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

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

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

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

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

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

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

Not listed.

#### IARC Monographs. Overall Evaluation of Carcinogenicity

Benzyl acetate (CAS 140-11-4) 3 Not classifiable as to carcinogenicity to humans.

Coumarin (CAS 91-64-5) 3 Not classifiable as to carcinogenicity to humans.

d-Limonene (CAS 5989-27-5) 3 Not classifiable as to carcinogenicity to humans.

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

**Specific target organ toxicity - single exposure** Based on available data, the classification criteria are not met.

**Specific target organ toxicity - repeated exposure** Based on available data, the classification criteria are not met.

**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
Benzaldehyde (CAS 100-52-7)		
<b>Aquatic</b>		
<i>Acute</i>		
Fish	LC50 Bluegill ( <i>Lepomis macrochirus</i> )	>= 0,8 - <= 1,44 mg/l, 96 hours
Benzyl acetate (CAS 140-11-4)		
<b>Aquatic</b>		
<i>Acute</i>		
Fish	LC50 Medaka, high-eyes ( <i>Oryzias latipes</i> )	>= 3,48 - <= 4,6 mg/l, 96 hours
Coumarin (CAS 91-64-5)		
<b>Aquatic</b>		
<i>Acute</i>		
Fish	LC50 Guppy ( <i>Poecilia reticulata</i> )	>= 32 - <= 100 mg/l, 96 hours
d-Limonene (CAS 5989-27-5)		
<b>Aquatic</b>		
<i>Acute</i>		
Crustacea	EC50 Water flea ( <i>Daphnia pulex</i> )	69,6 mg/l, 48 hours
Fish	LC50 Fathead minnow ( <i>Pimephales promelas</i> )	>= 0,619 - <= 0,796 mg/l, 96 hours
Ethyl salicylate (CAS 118-61-6)		
<b>Aquatic</b>		
<i>Acute</i>		
Fish	LC50 Channel catfish ( <i>Ictalurus punctatus</i> )	>= 13 - <= 17 mg/l, 96 hours
Ethyl vanillin (CAS 121-32-4)		
<b>Aquatic</b>		
<i>Acute</i>		
Fish	LC50 Fathead minnow ( <i>Pimephales promelas</i> )	>= 81,4 - <= 94,3 mg/l, 96 hours
Eucalyptol (CAS 470-82-6)		
<b>Aquatic</b>		
<i>Acute</i>		
Fish	LC50 Fathead minnow ( <i>Pimephales promelas</i> )	>= 95,4 - <= 109 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)

2,6-Dimethyl-7-octen-2-ol	3,25
2-ethoxy-4-methylphenol	>= 2,5
3-Cyclopentene-1-butanol, alpha,beta,2,2,3-pentamethyl-	4,587
3-Octanol, 3,7-dimethyl-	3,3
Acetylcedrene	5,9
Benzaldehyde	1,48
Benzyl acetate	1,96
Benzyl benzoate	3,97
cis-4-(Isopropyl)cyclohexanemethanol	3,243
Citronellol	3,41
Coumarin	1,39
Cyclamen aldehyde	3,4
Cyclododecane, (ethoxymethoxy)-	5,4
Cyclopropanemethanol,	4,8
1-methyl-2-[(1,2,2-trimethylbicyclo[3.1.0]hex-3-yl)methyl]-	
Dihydro pentamethylindanone	4,2
d-Limonene	4,57
Ethoxy-Methoxymethyl-Phenol	1,1

Ethyl vanillin	1,58
Eucalyptol	2,74
Linalool	2,97
Linalyl acetate	3,9
	3,93
Majantol	3,07
Methyl salicylate	2,55
Naphtho(2,1-b)furan, dodecahydro-3a,6,6,9a-tetramethyl-	5,256
Terpineol	2,6

**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

Benzaldehyde (CAS 100-52-7)	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
Benzyl benzoate (CAS 120-51-4)	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
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

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

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

## SECTION 14: Transport information

### ADR

<b>14.1. UN number</b>	UN3082
<b>14.2. UN proper shipping name</b>	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Benzyl acetate, 2-Buten-1-ol, 2-ethyl-4-(2,2,3-trimethyl-3-cyclopenten-1-yl)-)
<b>14.3. Transport hazard class(es)</b>	
<b>Class</b>	9
<b>Subsidiary risk</b>	-
<b>Label(s)</b>	9
<b>Hazard No. (ADR)</b>	90
<b>Tunnel restriction code</b>	E
<b>14.4. Packing group</b>	III
<b>14.5. Environmental hazards</b>	Yes



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

**RID**

**14.1. UN number** UN3082  
**14.2. UN proper shipping name** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Benzyl acetate, 2-Buten-1-ol, 2-ethyl-4-(2,2,3-trimethyl-3-cyclopenten-1-yl)-)  
**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** UN3082  
**14.2. UN proper shipping name** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Benzyl acetate, 2-Buten-1-ol, 2-ethyl-4-(2,2,3-trimethyl-3-cyclopenten-1-yl)-)  
**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** UN3082  
**14.2. UN proper shipping name** Environmentally hazardous substance, liquid, n.o.s. (Benzyl acetate, 2-Buten-1-ol, 2-ethyl-4-(2,2,3-trimethyl-3-cyclopenten-1-yl)-)  
**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.

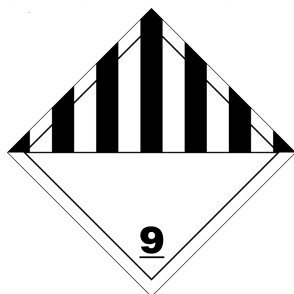
**Other information**

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

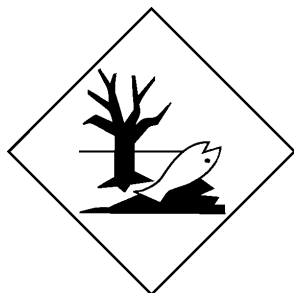
**IMDG**

**14.1. UN number** UN3082  
**14.2. UN proper shipping name** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Benzyl acetate, 2-Buten-1-ol, 2-ethyl-4-(2,2,3-trimethyl-3-cyclopenten-1-yl)-), 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.

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



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: 4NVT-CRY0-331J-CUGQ  
Belgium: 4NVT-CRY0-331J-CUGQ  
Bulgaria: 4NVT-CRY0-331J-CUGQ  
Croatia: 4NVT-CRY0-331J-CUGQ  
Cyprus: 4NVT-CRY0-331J-CUGQ  
Czech Republic: 4NVT-CRY0-331J-CUGQ  
Denmark: 4NVT-CRY0-331J-CUGQ  
Estonia: 4NVT-CRY0-331J-CUGQ  
EU: 4NVT-CRY0-331J-CUGQ  
Finland: 4NVT-CRY0-331J-CUGQ  
France: 4NVT-CRY0-331J-CUGQ  
Germany: 4NVT-CRY0-331J-CUGQ  
Great Britain: 4NVT-CRY0-331J-CUGQ  
Greece: 4NVT-CRY0-331J-CUGQ  
Hungary: 4NVT-CRY0-331J-CUGQ  
Iceland: 4NVT-CRY0-331J-CUGQ  
Ireland: 4NVT-CRY0-331J-CUGQ  
Italy: 4NVT-CRY0-331J-CUGQ  
Latvia: 4NVT-CRY0-331J-CUGQ  
Lithuania: 4NVT-CRY0-331J-CUGQ  
Luxembourg: 4NVT-CRY0-331J-CUGQ  
Malta: 4NVT-CRY0-331J-CUGQ  
Netherlands: 4NVT-CRY0-331J-CUGQ  
Norway: 4NVT-CRY0-331J-CUGQ  
Poland: 4NVT-CRY0-331J-CUGQ  
Portugal: 4NVT-CRY0-331J-CUGQ  
Romania: 4NVT-CRY0-331J-CUGQ  
Slovakia: 4NVT-CRY0-331J-CUGQ  
Slovenia: 4NVT-CRY0-331J-CUGQ  
Spain: 4NVT-CRY0-331J-CUGQ  
Sweden: 4NVT-CRY0-331J-CUGQ

**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**

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**

Benzyl benzoate (CAS 120-51-4)

d-Limonene (CAS 5989-27-5)

**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 H-statements not written out in full under Sections 2 to 15**

H225 Highly flammable liquid and vapour.  
H226 Flammable liquid and vapour.  
H302 Harmful if swallowed.  
H304 May be fatal if swallowed and enters airways.  
H315 Causes skin irritation.  
H317 May cause an allergic skin reaction.  
H318 Causes serious eye damage.  
H319 Causes serious eye irritation.  
H335 May cause respiratory irritation.  
H361 Suspected of damaging fertility or the unborn child.  
H400 Very toxic to aquatic life.  
H410 Very toxic to aquatic life with long lasting effects.  
H411 Toxic to aquatic life with long lasting effects.  
H412 Harmful to aquatic life with long lasting effects.

**Revision information**

Product and Company Identification: Product and Company Identification  
Composition / Information on Ingredients: Ingredients

**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.