SAFETY DATA SHEET

Version #: 01
Issue date: 25-May-2023

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

1.1. Product identifier

Trade name or designation of the mixture	FRAGRANCE DIFFUSER 100 ml MAGNOLIA BLOSSOM & WOOD 7MDMW
Registration number	-
Synonyms	None.
Product code	7MDMW

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

Identified uses	General Public
Uses advised against	None known.

1.3. Details of the supplier of the safety data sheet

Supplier

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

1.4. Emergency telephone number

1.4. Emergency telephone number

General in EU	112 (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.)
Austria National Poisons Information Centre	+431 406 4343 (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.)
Belgium National Poisons Control Centre	070 245 245 (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.)
Bulgaria National Toxicological Information Centre	+359 2 9154233 (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.)
Czech Republic National Poisons Information Centre	+420 224 919 293, or +420 224 915 402 (Hours of operation not provided. SDS/Product information may not be available for the Emergency Service.)
Denmark National Poisons Control Centre	+45 82 12 12 12 (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.)
Estonia National Poisons Information Centre	16662 or abroad: (+372) 626 9390 (Monday 9:00AM to Saturday 9:00AM (closed on Sundays and on national holidays). SDS/Product information may not be available for the Emergency Service.)
Finland National Poison Information Centre	(09) 471 977 (direct) or (09) 4711 (exchange) (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.)
France National Poisons Control Centre	ORFILA number (INRS): + 33 (0) 1 45 42 59 59 (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.)
Hungary National Emergency Phone Number	36 80 20 11 99 (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.)
Lithuania Neatidėliotina informacija apsinuodijus	+370 5 236 20 52 or +37068753378 (Hours of operation not provided. SDS/Product information may not be available for the Emergency Service.)

1.4. Emergency telephone number

Malta Accident and Emergency Department	2545 4030 (Hours of operation not provided. SDS/Product information may not be available for the Emergency Service.)
Netherlands National Poisons Information Centre (NVIC)	030-274 88 88 (Only for the purpose of informing medical personnel in cases of acute intoxications)
Norway Norwegian Poison Information Centre	22 59 13 00 (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.)
Portugal Poison Centre	800 250 250 (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.)
Romania Biroul RSI si Informare Toxicologica	021.318.36.06 (Available 8:00AM-3:00PM. SDS/Product information may not be available for the Emergency Service.)
Slovakia National Toxicological Information Centre	+421 2 5477 4166 (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.)
Sweden National Poison Information Centre	112 - and ask for Poison Information (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.)
Switzerland Tox Info Suisse	145 (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

The mixture has been assessed and/or tested for its physical, health and environmental hazards and the following classification applies.

Classification according to Regulation (EC) No 1272/2008 as amended

Physical hazards		
Flammable liquids	Category 2	H225 - Highly flammable liquid and vapour.
Health hazards		
Skin corrosion/irritation	Category 2	H315 - Causes skin irritation.
Serious eye damage/eye irritation	Category 2	H319 - Causes serious eye irritation.
Skin sensitisation	Category 1A	H317 - May cause an allergic skin reaction.
Environmental hazards		
Hazardous to the aquatic environment, long-term aquatic hazard	Category 2	H411 - Toxic to aquatic life with long lasting effects.

2.2. Label elements

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

UFI:

Austria: 72N6-U5RQ-G5CU-51A5
Belgium: 72N6-U5RQ-G5CU-51A5
Bulgaria: 72N6-U5RQ-G5CU-51A5
Croatia: 72N6-U5RQ-G5CU-51A5
Cyprus: 72N6-U5RQ-G5CU-51A5
Czech Republic: 72N6-U5RQ-G5CU-51A5
Denmark: 72N6-U5RQ-G5CU-51A5
Estonia: 72N6-U5RQ-G5CU-51A5
EU: 72N6-U5RQ-G5CU-51A5
Finland: 72N6-U5RQ-G5CU-51A5
France: 72N6-U5RQ-G5CU-51A5
Germany: 72N6-U5RQ-G5CU-51A5
Great Britain: 72N6-U5RQ-G5CU-51A5
Greece: 72N6-U5RQ-G5CU-51A5
Hungary: 72N6-U5RQ-G5CU-51A5
Iceland: 72N6-U5RQ-G5CU-51A5
Ireland: 72N6-U5RQ-G5CU-51A5
Italy: 72N6-U5RQ-G5CU-51A5
Latvia: 72N6-U5RQ-G5CU-51A5
Lithuania: 72N6-U5RQ-G5CU-51A5
Luxembourg: 72N6-U5RQ-G5CU-51A5
Malta: 72N6-U5RQ-G5CU-51A5
Netherlands: 72N6-U5RQ-G5CU-51A5
Norway: 72N6-U5RQ-G5CU-51A5
Poland: 72N6-U5RQ-G5CU-51A5
Portugal: 72N6-U5RQ-G5CU-51A5
Romania: 72N6-U5RQ-G5CU-51A5
Slovakia: 72N6-U5RQ-G5CU-51A5
Slovenia: 72N6-U5RQ-G5CU-51A5
Spain: 72N6-U5RQ-G5CU-51A5
Sweden: 72N6-U5RQ-G5CU-51A5

Contains: 2,4-Dimethyl-3-cyclohexene carboxaldehyde, 2-Methyldecanal, alpha-Pinene, Benzoic acid, 2,4-dihydroxy-3,6-dimethyl-, methyl ester, beta-Pinene, Butyl cyclohexyl acetate, Carbonic acid, (3Z)-3-hexen-1-yl methyl ester, Citral, Citronellol, delta-Damascone, Dimethylcyclohexenyl 3-butenyl ketone, Ethyl 2,2-dimethylhydrocinnamal, Eugenol, Geraniol, Isocyclemone E, Linalool, Lyral, Methylenedioxyphenyl methylpropanal, Oils, orange, sweet, Oils, patchouli, Rose Ketone-4, trans-Rose Ketone-1

Hazard pictograms

Signal word Danger

Hazard statements

H225	Highly flammable liquid and vapour.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H411	Toxic to aquatic life with long lasting effects.

Precautionary statements

Prevention

P102	Keep out of reach of children.
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Response

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.
P302 + P350	If on skin: Wash with plenty of water/.

Storage Not applicable.

Disposal

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

Supplemental label information None.

2.3. Other hazards This mixture does not contain substances assessed to be vPvB / PBT according to Regulation (EC) No 1907/2006, Annex XIII. The product does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

General information

Chemical name	%	CAS-No. / EC No.	REACH Registration No.	Index No.	Notes
Ethanol	60 - 70	64-17-5 200-578-6	-	603-002-00-5	
Classification: Flam. Liq. 2;H225, Eye Irrit. 2;H319					
Isocyclemone E	5 - 10	54464-57-2 259-174-3	-	-	
Classification: Skin Irrit. 2;H315, Skin Sens. 1B;H317, Aquatic Chronic 2;H411					
2-Hexene, 6,6-dimethoxy-2,5,5-trimethyl-	1 - 3	67674-46-8 266-885-2	-	-	
Classification: Skin Irrit. 2;H315, Aquatic Chronic 3;H412					
2H-Pyran-4-ol, tetrahydro-4-methyl-2-(2-methylpropyl)-	1 - 3	63500-71-0 405-040-6	-	603-101-00-3	
Classification: Eye Irrit. 2;H319					
Acetic acid, hexyl ester	1 - 3	142-92-7 205-572-7	-	607-462-00-8	
Classification: Flam. Liq. 3;H226, Aquatic Chronic 2;H411					
Benzeneethanol	1 - 3	60-12-8 200-456-2	-	-	
Classification: Acute Tox. 4;H302;(ATE: 500 mg/kg bw), Eye Irrit. 2;H319					
Benzyl acetate	1 - 3	140-11-4 205-399-7	-	-	
Classification: Aquatic Chronic 3;H412					
beta-Ionone	1 - 3	14901-07-6 238-969-9	-	-	
Classification: Aquatic Chronic 2;H411					
Butyl cyclohexyl acetate	1 - 3	32210-23-4 250-954-9	-	-	
Classification: Skin Sens. 1B;H317					
Citronellol	1 - 3	106-22-9 203-375-0	-	-	
Classification: Skin Irrit. 2;H315, Eye Irrit. 2;H319, Skin Sens. 1B;H317					
Geraniol	1 - 3	106-24-1 203-377-1	-	603-241-00-5	
Classification: Skin Irrit. 2;H315, Eye Dam. 1;H318, Skin Sens. 1;H317					
Linalool	1 - 3	78-70-6 201-134-4	-	603-235-00-2	
Classification: Skin Irrit. 2;H315, Eye Irrit. 2;H319, Skin Sens. 1B;H317					
Lyral	1 - 3	31906-04-4 250-863-4	-	605-040-00-8	
Classification: Skin Sens. 1A;H317					
Methylenedioxyphenyl methylpropanal	1 - 3	1205-17-0 214-881-6	-	-	
Classification: Skin Sens. 1B;H317, Repr. 2;H361, Aquatic Chronic 2;H411					
Oils, orange, sweet	1 - 3	8008-57-9 616-926-9	-	-	
Classification: Flam. Liq. 2;H225, Skin Irrit. 2;H315, Eye Irrit. 2;H319, Skin Sens. 1;H317, Asp. Tox. 1;H304, Aquatic Chronic 2;H411					
Oils, patchouli	1 - 3	8014-09-3 616-944-7	-	-	
Classification: Skin Sens. 1B;H317, Asp. Tox. 1;H304, Aquatic Chronic 2;H411					
2,4-Dimethyl-3-cyclohexene carboxaldehyde	≤ 1	68039-49-6 268-264-1	-	-	
Classification: Skin Irrit. 2;H315, Eye Irrit. 2;H319, Skin Sens. 1B;H317, Aquatic Chronic 2;H411					

Chemical name	%	CAS-No. / EC No.	REACH Registration No.	Index No.	Notes
2H-Pyran, tetrahydro-4-methyl-2-(2-methyl-1-propen-1-yl)-	≤ 1	16409-43-1 240-457-5	-	-	
Classification: Skin Irrit. 2;H315, Eye Irrit. 2;H319, Repr. 2;H361					
2-Methyldecanal	≤ 1	19009-56-4 242-745-6	-	-	
Classification: Skin Irrit. 2;H315, Skin Sens. 1B;H317, Aquatic Chronic 2;H411					
3-Decen-5-ol, 4-methyl-	≤ 1	81782-77-6 279-815-0	-	-	
Classification: Aquatic Acute 1;H400(M=1), Aquatic Chronic 2;H411					
Allyl heptanoate	≤ 1	142-19-8 205-527-1	-	-	
Classification: Acute Tox. 3;H301;(ATE: 100 mg/kg bw), Acute Tox. 3;H311;(ATE: 300 mg/kg bw), Aquatic Acute 1;H400(M=1), Aquatic Chronic 3;H412					
alpha-Pinene	≤ 1	80-56-8 201-291-9	-	-	
Classification: Flam. Liq. 3;H226, Acute Tox. 4;H302;(ATE: 500 mg/kg bw), Skin Irrit. 2;H315, Skin Sens. 1B;H317, Asp. Tox. 1;H304, Aquatic Acute 1;H400(M=1), Aquatic Chronic 1;H410(M=1)					
Benzoic acid, 2,4-dihydroxy-3,6-dimethyl-, methyl ester	≤ 1	4707-47-5 225-193-0	-	-	
Classification: Skin Sens. 1B;H317					
beta-Pinene	≤ 1	127-91-3 204-872-5	-	-	
Classification: Flam. Liq. 3;H226, Skin Irrit. 2;H315, Skin Sens. 1B;H317, Asp. Tox. 1;H304, Aquatic Acute 1;H400(M=1), Aquatic Chronic 1;H410(M=1)					
Bicyclo[2.2.1]heptane, 2,2-dimethyl-3-methylene-	≤ 1	79-92-5 201-234-8	-	-	
Classification: Flam. Sol. 2;H228, Eye Irrit. 2;H319, Aquatic Acute 1;H400(M=1), Aquatic Chronic 1;H410(M=1)					
Carbonic acid, (3Z)-3-hexen-1-yl methyl ester	≤ 1	67633-96-9 266-797-4	-	-	
Classification: Skin Sens. 1B;H317					
Citral	≤ 1	5392-40-5 226-394-6	-	605-019-00-3	
Classification: Skin Irrit. 2;H315, Eye Irrit. 2;H319, Skin Sens. 1;H317					
delta-Damascone	≤ 1	57378-68-4 260-709-8	-	-	
Classification: Acute Tox. 4;H302;(ATE: 500 mg/kg bw), Skin Irrit. 2;H315, Skin Sens. 1A;H317, Aquatic Acute 1;H400, Aquatic Chronic 1;H410					
Dimethylcyclohexenyl 3-butenyl ketone	≤ 1	56973-85-4 260-486-7	-	-	
Classification: Skin Sens. 1B;H317, Aquatic Chronic 2;H411					
Ethyl 2,2-dimethylhydrocinnamal	≤ 1	67634-15-5 266-819-2	-	-	
Classification: Skin Irrit. 2;H315, Skin Sens. 1B;H317, Aquatic Acute 1;H400(M=1), Aquatic Chronic 2;H411					
Eugenol	≤ 1	97-53-0 202-589-1	-	-	
Classification: Eye Irrit. 2;H319, Skin Sens. 1B;H317					
Indole	≤ 1	120-72-9 204-420-7	-	-	
Classification: Acute Tox. 4;H302;(ATE: 500 mg/kg bw), Acute Tox. 3;H311;(ATE: 300 mg/kg bw), Eye Dam. 1;H318					
Oxacycloheptadec-10-en-2-one	≤ 1	28645-51-4 249-120-7	-	-	
Classification: Aquatic Acute 1;H400(M=10), Aquatic Chronic 1;H410(M=10)					

Chemical name	%	CAS-No. / EC No.	REACH Registration No.	Index No.	Notes
Rose Ketone-4	≤ 1	23696-85-7 245-833-2	-	-	
Classification: Skin Irrit. 2;H315, Skin Sens. 1A;H317, Aquatic Chronic 2;H411					
trans-Rose Ketone-1	≤ 1	24720-09-0 246-430-4	-	-	
Classification: Acute Tox. 4;H302;(ATE: 500 mg/kg bw), Skin Sens. 1B;H317, Aquatic Chronic 2;H411					
Other components below reportable levels	< -4,6				

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. Wash contaminated clothing before reuse.

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. 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. 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 (CO_2).

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. Do not touch or walk through spilled material.

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.

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.

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.

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

Belgium. Exposure Limit Values

Components	Type	Value	Form
alpha-Pinene (CAS 80-56-8)	TWA	20 ppm	
Benzyl acetate (CAS 140-11-4)	TWA	62 mg/m3	
		10 ppm	
beta-Pinene (CAS 127-91-3)	TWA	20 ppm	
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	

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

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

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

Components	Type	Value	Form
Indole (CAS 120-72-9)	TWA	3,5 mg/m3	Inhalable fraction.

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

Czech Republic. OELs. Government Decree 361

Components	Type	Value	Form
Ethanol (CAS 64-17-5)	Ceiling	3000 mg/m3	
	TWA	1000 mg/m3	
Indole (CAS 120-72-9)	TWA	2 mg/m3	Dust.

Denmark. Exposure Limit Values

Components	Type	Value
alpha-Pinene (CAS 80-56-8)	TLV	25 ppm
Benzyl acetate (CAS 140-11-4)	TLV	61 mg/m3
		10 ppm
beta-Pinene (CAS 127-91-3)	TLV	25 ppm
Ethanol (CAS 64-17-5)	TLV	1900 mg/m3
		1000 ppm

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

Components	Type	Value
alpha-Pinene (CAS 80-56-8)	STEL	300 mg/m3
		50 ppm
	TWA	150 mg/m3
		25 ppm
beta-Pinene (CAS 127-91-3)	STEL	300 mg/m3
		50 ppm
	TWA	150 mg/m3
		25 ppm
Ethanol (CAS 64-17-5)	STEL	1900 mg/m3
		1000 ppm
	TWA	1000 mg/m3
		500 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

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)		

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

Components	Type	Value
		1000 ppm

Regulatory status: Indicative limit (VL)

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

Components	Type	Value
Ethanol (CAS 64-17-5)	TWA	380 mg/m3
		200 ppm

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

Components	Type	Value
Ethanol (CAS 64-17-5)	AGW	380 mg/m3
		200 ppm

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

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

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

Components	Type	Value	Form
Ethanol (CAS 64-17-5)	TWA	1900 mg/m3	
		1000 ppm	
Indole (CAS 120-72-9)	TWA	0,2 mg/m3	Particulate.
		0,2 mg/m3	

Ireland. Occupational Exposure Limits

Components	Type	Value	Form
Benzyl acetate (CAS 140-11-4)	TWA	10 ppm	
Citral (CAS 5392-40-5)	TWA	5 ppm	Inhalable fraction and vapour.
Ethanol (CAS 64-17-5)	STEL	1000 ppm	

Italy. Occupational Exposure Limits

Components	Type	Value	Form
alpha-Pinene (CAS 80-56-8)	TWA	20 ppm	
Benzyl acetate (CAS 140-11-4)	TWA	10 ppm	
beta-Pinene (CAS 127-91-3)	TWA	20 ppm	
Citral (CAS 5392-40-5)	TWA	5 ppm	Inhalable fraction and vapour.
Ethanol (CAS 64-17-5)	STEL	1000 ppm	

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

Components	Type	Value	Form
Benzyl acetate (CAS 140-11-4)	TWA	5 mg/m3	
Ethanol (CAS 64-17-5)	TWA	1000 mg/m3	
Indole (CAS 120-72-9)	TWA	4 mg/m3	Dust.

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

Components	Type	Value
alpha-Pinene (CAS 80-56-8)	STEL	300 mg/m3
		50 ppm
	TWA	150 mg/m3
		25 ppm
Benzyl acetate (CAS 140-11-4)	TWA	5 mg/m3
beta-Pinene (CAS 127-91-3)	STEL	300 mg/m3
		50 ppm
	TWA	150 mg/m3
		25 ppm
Ethanol (CAS 64-17-5)	STEL	1900 mg/m3
		1000 ppm
	TWA	1000 mg/m3
		500 ppm

Netherlands. OELs (binding)

Components	Type	Value
Ethanol (CAS 64-17-5)	STEL	1900 mg/m3
	TWA	260 mg/m3
Indole (CAS 120-72-9)	TWA	550 ng/m3

Norway. Administrative Norms for Contaminants in the Workplace

Components	Type	Value
alpha-Pinene (CAS 80-56-8)	TLV	140 mg/m3
		25 ppm
beta-Pinene (CAS 127-91-3)	TLV	140 mg/m3
		25 ppm
Ethanol (CAS 64-17-5)	TLV	950 mg/m3
		500 ppm
Indole (CAS 120-72-9)	TLV	0,04 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
Citral (CAS 5392-40-5)	STEL	54 mg/m3
	TWA	27 mg/m3
Ethanol (CAS 64-17-5)	TWA	1900 mg/m3
Indole (CAS 120-72-9)	TWA	0,002 mg/m3

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

Components	Type	Value	Form
alpha-Pinene (CAS 80-56-8)	TWA	20 ppm	
Benzyl acetate (CAS 140-11-4)	TWA	10 ppm	
beta-Pinene (CAS 127-91-3)	TWA	20 ppm	
Citral (CAS 5392-40-5)	TWA	5 ppm	Inhalable fraction and vapour.
Ethanol (CAS 64-17-5)	TWA	1000 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

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

Components	Type	Value
		13 ppm
	TWA	50 mg/m3
		8 ppm
Ethanol (CAS 64-17-5)	STEL	9500 mg/m3
		5000 ppm
	TWA	1900 mg/m3
		1000 ppm
Indole (CAS 120-72-9)	TWA	0,2 mg/m3

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

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

Spain. Occupational Exposure Limits

Components	Type	Value	Form
alpha-Pinene (CAS 80-56-8)	TWA	113 mg/m3	
		20 ppm	
Benzyl acetate (CAS 140-11-4)	TWA	62 mg/m3	
		10 ppm	
beta-Pinene (CAS 127-91-3)	TWA	113 mg/m3	
		20 ppm	
Citral (CAS 5392-40-5)	TWA	5 ppm	Inhalable fraction and vapour.
Ethanol (CAS 64-17-5)	STEL	1910 mg/m3	
		1000 ppm	

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

Components	Type	Value
alpha-Pinene (CAS 80-56-8)	STEL	300 mg/m3
		50 ppm
	TWA	150 mg/m3
		25 ppm
beta-Pinene (CAS 127-91-3)	STEL	300 mg/m3
		50 ppm
	TWA	150 mg/m3
		25 ppm
Ethanol (CAS 64-17-5)	STEL	1900 mg/m3
		1000 ppm
	TWA	1000 mg/m3
		500 ppm

Switzerland. SUVA Grenzwerte am Arbeitsplatz

Components	Type	Value
alpha-Pinene (CAS 80-56-8)	STEL	224 mg/m3
		40 ppm
	TWA	112 mg/m3
		20 ppm
beta-Pinene (CAS 127-91-3)	STEL	224 mg/m3
		40 ppm
	TWA	112 mg/m3
		20 ppm
Bicyclo[2.2.1]heptane, 2,2-dimethyl-3-methylene- (CAS 79-92-5)	STEL	224 mg/m3
		40 ppm
	TWA	112 mg/m3
		20 ppm
Ethanol (CAS 64-17-5)	STEL	1920 mg/m3
		1000 ppm
	TWA	960 mg/m3
		500 ppm

UK. EH40 Workplace Exposure Limits (WELs)

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

Biological limit values

Slovakia. BLVs (Biological Limit Value). Regulation no. 355/2006 concerning protection of workers exposed to chemical agents, Annex 2

Components	Value	Determinant	Specimen	Sampling Time
Indole (CAS 120-72-9)	3,77 µg/g	1-Hydroxypyrene	Creatinine in urine	*
	5,6600000000000001 µg/l	1-Hydroxypyrene	Urine	*

* - For sampling details, please see the source document.

Switzerland. BAT-Werte (Biological Limit Values in the Workplace as per SUVA)

Components	Value	Determinant	Specimen	Sampling Time
Indole (CAS 120-72-9)	3,5 µg/l	1-Hydroxypyren (nach Hydrolyse)	Urine	*

* - For sampling details, please see the source document.

UK. EH40 Biological Monitoring Guidance Values (BMGVs)

Components	Value	Determinant	Specimen	Sampling Time
Indole (CAS 120-72-9)	4 umol/mol	1-Hydroxypyrene	Creatinine in urine	*

* - For sampling details, please see the source document.

Recommended monitoring procedures Follow standard monitoring procedures.

Derived no effect levels (DNELs) Not available.

Predicted no effect concentrations (PNECs) Not available.

Exposure guidelines

Belgium OELs: Skin designation

Citral (CAS 5392-40-5) Can be absorbed through the skin.
Indole (CAS 120-72-9) Can be absorbed through the skin.

Croatia ELVs: Skin designation

Indole (CAS 120-72-9) Can be absorbed through the skin.

Denmark GV: Skin designation

Indole (CAS 120-72-9)	Can be absorbed through the skin.

EU. OELs from Annex III, Part A to Directive 2004/37/EC: Skin designation

Indole (CAS 120-72-9)	Can be absorbed through the skin.

Finland Exposure Limit Values: Skin designation

Indole (CAS 120-72-9)	Can be absorbed through the skin.

France INRS: Skin designation

Indole (CAS 120-72-9)	Can be absorbed through the skin.

Germany DFG MAK (advisory): Skin designation

Benzeneethanol (CAS 60-12-8)	Can be absorbed through the skin.
Indole (CAS 120-72-9)	Can be absorbed through the skin.

Iceland OELs: Skin designation

Indole (CAS 120-72-9)	Can be absorbed through the skin.

Ireland Exposure Limit Values: Skin designation

Indole (CAS 120-72-9)	Can be absorbed through the skin.

Italy OELs: Skin designation

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

Netherlands OELs (binding): Skin designation

Ethanol (CAS 64-17-5)	Can be absorbed through the skin.
Indole (CAS 120-72-9)	Can be absorbed through the skin.

Norway Exposure Limit Values: Skin designation

alpha-Pinene (CAS 80-56-8)	Can be absorbed through the skin.
Indole (CAS 120-72-9)	Can be absorbed through the skin.

Portugal VLEs Norm on Occupational Exposure: Skin designation

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

Romania OELs: Skin designation

Indole (CAS 120-72-9)	Can be absorbed through the skin.

Slovakia OELs for Carcinogens and Mutagens: Skin designation

Indole (CAS 120-72-9)	Can be absorbed through the skin.

Spain OELs: Skin designation

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

Sweden Threshold Limit Values: Skin designation

Indole (CAS 120-72-9)	Can be absorbed through the skin.

Switzerland SUVA Limit Values at the Workplace: Skin designation

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

8.2. Exposure controls

Appropriate engineering controls	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	Pink.
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	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.
Kinematic viscosity	Not available.
Solubility	
Solubility (water)	Not available.
Partition coefficient (n-octanol/water) (log value)	Not available.
Vapour pressure	67,471003 hPa estimated
Density and/or relative density	
Density	0,824 g/cm3 estimated
Vapour density	Not available.
Particle characteristics	Not available.

9.2. Other information

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

9.2.2. Other safety characteristics

Percent volatile	70,25 % estimated
Specific gravity	0,8236 estimated
VOC	69,26 % 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	Causes skin irritation. 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. Skin irritation. May cause redness and pain. May cause an allergic skin reaction. Dermatitis. Rash.

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

Acute toxicity No data available.

Skin corrosion/irritation Causes skin irritation.

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.

IARC Monographs. Overall Evaluation of Carcinogenicity

Benzyl acetate (CAS 140-11-4)	3 Not classifiable as to carcinogenicity to humans.
Eugenol (CAS 97-53-0)	3 Not classifiable as to carcinogenicity to humans.

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

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

Components		Species	Test Results
Acetic acid, hexyl ester (CAS 142-92-7)			
Aquatic			
Acute			
Fish	LC50	Fathead minnow (Pimephales promelas)	3,7 - 4,4 mg/l, 96 hours
Benzyl acetate (CAS 140-11-4)			
Aquatic			
Acute			
Fish	LC50	Medaka, high-eyes (Oryzias latipes)	3,48 - 4,6 mg/l, 96 hours
Bicyclo[2.2.1]heptane, 2,2-dimethyl-3-methylene- (CAS 79-92-5)			
Aquatic			
Acute			
Fish	LC50	Sheepshead minnow (Cyprinodon variegatus)	1,6 - 2,2 mg/l, 96 hours
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
Eugenol (CAS 97-53-0)			
Aquatic			
Acute			
Fish	LC50	Fathead minnow (Pimephales promelas)	24 mg/l, 96 hours

Components	Species	Test Results
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)	
2-Hexene, 6,6-dimethoxy-2,5,5-trimethyl-	3,8
2H-Pyran, tetrahydro-4-methyl-2-(2-methyl-1-propen-1-yl)-	3,3
2H-Pyran-4-ol, tetrahydro-4-methyl-2-(2-methylpropyl)-	1,65
3-Decen-5-ol, 4-methyl-	3,9
Acetic acid, hexyl ester	3,3
Allyl heptanoate	3,97
alpha-Pinene	4,83
Benzeneethanol	1,36
Benzoic acid, 2,4-dihydroxy-3,6-dimethyl-, methyl ester	2,6
Benzyl acetate	1,96
beta-Ionone	1,903
beta-Pinene	4,16
Bicyclo[2.2.1]heptane, 2,2-dimethyl-3-methylene-	4,22
Butyl cyclohexyl acetate	4,8
Carbonic acid, (3Z)-3-hexen-1-yl methyl ester	3
Citral	2,76 3,45
Citronellol	3,41
delta-Damascone	3,4 4,2
Dimethylcyclohexenyl 3-butenyl ketone	4,1
Ethanol	-0,31
Ethyl 2,2-dimethylhydrocinnamal	3,6
Eugenol	2,49
Geraniol	3,56
Indole	2,14 2,24
Linalool	2,97
Methylenedioxyphenyl methylpropanal	2,4
Oxacycloheptadec-10-en-2-one	6,7
Rose Ketone-4	4,8
trans-Rose Ketone-1	3,66

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 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
Ethanol (CAS 64-17-5)	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
Eugenol (CAS 97-53-0)	Chemical pesticides (As the total sum of the active substances) 0,5 mg/kg Chemical pesticides (As the total sum of the active substances) 20 mg/kg Chemical pesticides (As the total sum of the active substances) 5 mg/kg
Geraniol (CAS 106-24-1)	Chemical pesticides (As the total sum of the active substances) 0,5 mg/kg Chemical pesticides (As the total sum of the active substances) 20 mg/kg Chemical pesticides (As the total sum of the active substances) 5 mg/kg
Indole (CAS 120-72-9)	PAH (Polycyclic aromatic hydrocarbons) (As the total sum of the substances) 20 mg/kg PAH (Polycyclic aromatic hydrocarbons) (As the total sum of the substances) 200 mg/kg PAH (Polycyclic aromatic hydrocarbons) (As the total sum of the 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, Citronellol)
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	Yes
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, Citronellol)
14.3. Transport hazard class(es)	
Class	3
Subsidiary risk	-
Label(s)	3
14.4. Packing group	II
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	UN1993

14.2. UN proper shipping name	FLAMMABLE LIQUID, N.O.S. (Ethanol, Citronellol)
14.3. Transport hazard class(es)	
Class	3
Subsidiary risk	-
Label(s)	3
14.4. Packing group	II
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	UN1993
14.2. UN proper shipping name	Flammable liquid, n.o.s. (Ethanol, Citronellol)
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, Citronellol), 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.

alpha-Pinene

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: 72N6-U5RQ-G5CU-51A5
Belgium: 72N6-U5RQ-G5CU-51A5
Bulgaria: 72N6-U5RQ-G5CU-51A5
Croatia: 72N6-U5RQ-G5CU-51A5
Cyprus: 72N6-U5RQ-G5CU-51A5
Czech Republic: 72N6-U5RQ-G5CU-51A5
Denmark: 72N6-U5RQ-G5CU-51A5
Estonia: 72N6-U5RQ-G5CU-51A5
EU: 72N6-U5RQ-G5CU-51A5
Finland: 72N6-U5RQ-G5CU-51A5
France: 72N6-U5RQ-G5CU-51A5
Germany: 72N6-U5RQ-G5CU-51A5
Great Britain: 72N6-U5RQ-G5CU-51A5
Greece: 72N6-U5RQ-G5CU-51A5
Hungary: 72N6-U5RQ-G5CU-51A5
Iceland: 72N6-U5RQ-G5CU-51A5
Ireland: 72N6-U5RQ-G5CU-51A5
Italy: 72N6-U5RQ-G5CU-51A5
Latvia: 72N6-U5RQ-G5CU-51A5
Lithuania: 72N6-U5RQ-G5CU-51A5
Luxembourg: 72N6-U5RQ-G5CU-51A5
Malta: 72N6-U5RQ-G5CU-51A5
Netherlands: 72N6-U5RQ-G5CU-51A5
Norway: 72N6-U5RQ-G5CU-51A5
Poland: 72N6-U5RQ-G5CU-51A5
Portugal: 72N6-U5RQ-G5CU-51A5
Romania: 72N6-U5RQ-G5CU-51A5
Slovakia: 72N6-U5RQ-G5CU-51A5
Slovenia: 72N6-U5RQ-G5CU-51A5
Spain: 72N6-U5RQ-G5CU-51A5
Sweden: 72N6-U5RQ-G5CU-51A5

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

2H-Pyran-4-ol, tetrahydro-4-methyl-2-(2-methylpropyl)- (CAS 63500-71-0)
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.

Indole (CAS 120-72-9)

Other EU regulations

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

Acetic acid, hexyl ester (CAS 142-92-7)

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.
STEL: Short term exposure limit.
TLV: Threshold Limit Value.
TWA: Time Weighted Average.
VLE: Exposure Limit Value.
VME: Exposure Average Value.
vPvB: Very persistent and very bioaccumulative.

References	Not available.
Information on evaluation method leading to the classification of mixture	The classification for health and environmental hazards is derived by a combination of calculation methods and test data, if available.

Full text of any statements, which are not written out in full under sections 2 to 15

H225 Highly flammable liquid and vapour.
H226 Flammable liquid and vapour.
H228 Flammable solid.
H301 Toxic if swallowed.
H302 Harmful if swallowed.
H304 May be fatal if swallowed and enters airways.
H311 Toxic in contact with skin.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.
H319 Causes serious eye 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	This document has undergone significant changes and should be reviewed in its entirety.
Training information	Follow training instructions when handling this material.
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