SAFETY DATA SHEET

Version #: 01
Issue date: 20-April-2022

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

Version #: 01
Issue date: 20-April-2022

1.1. Product identifier

Trade name or designation of the mixture	REFILL CAR AIR FRESHENER ICON - MAGNOLIA BLOSSOM & WOOD
Registration number	-
Synonyms	None.
Product code	17RCMW

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

Identified uses	General Public Use **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 Center	070 245 245 (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.)
Bulgaria National Toxicological Information Centre	+359 2 9154233 (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.)
Czech Republic National Poisons Information Centre	+420 224 919 293, or +420 224 915 402 (Hours of operation not provided. SDS/Product information may not be available for the Emergency Service.)
Denmark National Poisons Control Center	+45 82 12 12 12 (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.)
Estonia National Poisons Information Centre	16662 or abroad: (+372) 626 9390 (Monday 9:00AM to Saturday 9:00AM (closed on Sundays and on national holidays). SDS/Product information may not be available for the Emergency Service.)
Finland National Poison Information Center	(09) 471 977 (direct) or (09) 4711 (exchange) (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.)
France National Poisons Control Center	ORFILA number (INRS): + 33 (0) 1 45 42 59 59 (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.)
Hungary National Emergency Phone Number	36 80 20 11 99 (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.)
Lithuania Neatidėliotina informacija apsinuodijus	+370 5 236 20 52 or +37068753378 (Hours of operation not provided. SDS/Product information may not be available for the Emergency Service.)
Malta Accident and Emergency Department	2545 4030 (Hours of operation not provided. SDS/Product information may not be available for the Emergency Service.)

1.4. Emergency telephone number

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

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

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

Health hazards

Serious eye damage/eye irritation	Category 2	H319 - Causes serious eye irritation.
Skin sensitisation	Category 1	H317 - May cause an allergic skin reaction.

Environmental hazards

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

2.2. Label elements

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

Contains: 1,6-Nonadien-3-ol, 3,7-dimethyl-, beta-Pinene, Butyl cyclohexyl acetate, Citral, Citronellol, Ethyl 2,2-dimethylhydrocinnamal, Geraniol, Isocyclemone E, Methylenedioxyphenyl methylpropanal

Hazard pictograms

Signal word Warning

Hazard statements

H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H411	Toxic to aquatic life with long lasting effects.

Precautionary statements

Prevention

P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P264	Wash thoroughly after handling.
P272	Contaminated work clothing should not be allowed out of the workplace.
P273	Avoid release to the environment.
P280	Wear eye protection/face protection.
P280	Wear protective gloves.

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.
P362 + P364	Take off contaminated clothing and wash it before reuse.
P391	Collect spillage.

Storage Store away from incompatible materials.

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
Isocyclemone E	5 - 10	54464-57-2 259-174-3	-	-	
Classification: Skin Irrit. 2;H315, Skin Sens. 1B;H317, Aquatic Chronic 1;H410					
1,6-Nonadien-3-ol, 3,7-dimethyl-	1 - 3	10339-55-6 233-732-6	-	-	
Classification: Eye Irrit. 2;H319, Skin Sens. 1B;H317					
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), 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					
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, Asp. Tox. 1;H304, Aquatic Acute 1;H400, Aquatic Chronic 2;H411					
Butyl cyclohexyl acetate	≤ 1	32210-23-4 250-954-9	-	-	
Classification: Skin Sens. 1B;H317					
Carbon black	≤ 1	1333-86-4 215-609-9	-	-	
Classification: Carc. 2;H351					
Citronellol	≤ 1	106-22-9 203-375-0	-	-	
Classification: Skin Irrit. 2;H315, Eye Dam. 1;H318, Skin Sens. 1;H317, Asp. Tox. 1;H304, Aquatic Chronic 2;H411					
Methylenedioxyphenyl methylpropanal	≤ 1	1205-17-0 214-881-6	-		
Classification: Skin Sens. 1B;H317, Repr. 2;H361, Aquatic Chronic 2;H411					
Citral	≤ 0,3	5392-40-5 226-394-6	-	605-019-00-3	
Classification: Skin Irrit. 2;H315, Eye Irrit. 2;H319, Skin Sens. 1;H317					
Ethyl 2,2-dimethylhydrocinnamal	≤ 0,3	67634-15-5 266-819-2	-	-	
Classification: Skin Irrit. 2;H315, Skin Sens. 1B;H317, Aquatic Acute 1;H400, Aquatic Chronic 2;H411					
Allyl heptanoate	≤ 0,2	142-19-8 205-527-1	-	-	
Classification: Acute Tox. 3;H301;(ATE: 100 mg/kg), Acute Tox. 3;H311;(ATE: 300 mg/kg), Aquatic Acute 1;H400, Aquatic Chronic 3;H412					
Chemical name	**%**	**CAS-No. / EC No.**	**REACH Registration No.**	**Index No.**	**Notes**
beta-Pinene	≤ 0,2	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, Aquatic Chronic 1;H410					
delta-Damascone	≤ 0,1	57378-68-4 260-709-8	-	-	
Classification: Acute Tox. 4;H302;(ATE: 500 mg/kg), Skin Irrit. 2;H315, Skin Sens. 1A;H317, Aquatic Acute 1;H400, Aquatic Chronic 1;H410					
Rose Ketone-4	≤ 0,1	23696-85-7 245-833-2	-	-	
Classification: Skin Irrit. 2;H315, Skin Sens. 1A;H317, Aquatic Chronic 2;H411					
Other components below reportable levels	79.51				

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.
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	Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. May cause an allergic skin reaction. Dermatitis. Rash.
4.3. Indication of any immediate medical attention and special treatment needed	Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.

SECTION 5: Firefighting measures

General fire hazards No unusual fire or explosion hazards noted.

5.1. Extinguishing media

Suitable extinguishing media	Water fog. Foam. Dry chemical powder. Carbon dioxide (CO2).
Unsuitable extinguishing media	Do not use water jet as an extinguisher, as this will spread the fire.
5.2. Special hazards arising from the substance or mixture	During fire, gases hazardous to health may be formed.

5.3. Advice for firefighters

Special protective equipment for firefighters	Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
Special fire fighting procedures	Move containers from fire area if you can do so without risk.

Specific methods Use standard firefighting procedures and consider the hazards of other involved materials.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency Wear appropriate protective equipment and clothing during clean-up. Do not touch damaged **personnel** containers or spilled material unless wearing appropriate protective clothing.

For emergency responders Keep unnecessary personnel away. Ensure adequate ventilation. 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 Prevent product from entering drains.

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

Small Spills: Clean surface thoroughly to remove residual contamination.

Never return spills to original containers for re-use.

6.4. Reference to other sections For personal protection, see section 8 of the SDS. For waste disposal, see section 13 of the SDS.

SECTION 7: Handling and storage

7.1. Precautions for safe handling Avoid breathing dust/fume/gas/mist/vapours/spray. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. Provide adequate ventilation. Wear appropriate personal protective equipment. Avoid release to the environment. Observe good industrial hygiene practices.

7.2. Conditions for safe including any incompatibilities Store in tightly closed container. Store away from incompatible materials (see Section 10 of the **storage,** SDS).

7.3. Specific end use(s) Not available.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational exposure limits

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

Components	Type	Value	Form
Carbon black (CAS 1333-86-4)	MAK	5 mg/m3	Inhalable dust.
	STEL	10 mg/m3	Inhalable dust.

Belgium. Exposure Limit Values

Components	Type	Value	Form
Benzyl acetate (CAS 140-11-4)	TWA	62 mg/m3	
		10 ppm	
beta-Pinene (CAS 127-91-3)	TWA	20 ppm	
Carbon black (CAS 1333-86-4)	TWA	3 mg/m3	
Citral (CAS 5392-40-5)	TWA	32 mg/m3	Vapour and aerosol.
		5 ppm	Vapour and aerosol.

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

Components	Type	Value
Carbon black (CAS 1333-86-4)	MAC	3,5 mg/m3
	STEL	7 mg/m3

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

Components	Type	Value
Carbon black (CAS 1333-86-4)	TWA	3,5 mg/m3

Czech Republic. OELs. Government Decree 361

Components	Type	Value	Form
Carbon black (CAS 1333-86-4)	TWA	10 mg/m3	Dust.

Denmark. Exposure Limit Values

Components	Type	Value
Benzyl acetate (CAS 140-11-4)	TLV	61 mg/m3
		10 ppm

beta-Pinene (CAS 127-91-3)	TLV	25 ppm

Denmark. Exposure Limit Values

Components	Type	Value
Carbon black (CAS 1333-86-4)	TLV	3,5 mg/m3

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

Components	Type	Value
beta-Pinene (CAS 127-91-3)	STEL	300 mg/m3
		50 ppm
	TWA	150 mg/m3
		25 ppm

Finland. Workplace Exposure Limits

Components	Type	Value
Carbon black (CAS 1333-86-4)	STEL	7 mg/m3
	TWA	3,5 mg/m3

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

Components	Type	Value
Carbon black (CAS 1333-86-4)	VME	3,5 mg/m3

Regulatory status: Indicative limit (VL)

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

Components	Type	Value
Carbon black (CAS 1333-86-4)	STEL	7 mg/m3
	TWA	3,5 mg/m3

Hungary. OELs. Joint Decree on Chemical Safety of Workplaces

Components	Type	Value	Form
Carbon black (CAS 1333-86-4)	TWA	3 mg/m3	Inhalable dust.

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

Components	Type	Value
Carbon black (CAS 1333-86-4)	TWA	3,5 mg/m3

Ireland. Occupational Exposure Limits

Components	Type	Value	Form
Benzyl acetate (CAS 140-11-4)	TWA	10 ppm	
Carbon black (CAS 1333-86-4)	TWA	3 mg/m3	Inhalable fraction.
Citral (CAS 5392-40-5)	TWA	5 ppm	Inhalable fraction and vapour.

Italy. Occupational Exposure Limits

Components	Type	Value	Form
Benzyl acetate (CAS 140-11-4)	TWA	10 ppm	
beta-Pinene (CAS 127-91-3)	TWA	20 ppm	
Carbon black (CAS	TWA	3 mg/m3	Inhalable fraction.

1333-86-4)			
Citral (CAS 5392-40-5)	TWA	5 ppm	Inhalable fraction and vapour.

values of chemical substances in w

Components	Type	Value
Benzyl acetate (CAS 140-11-4)	TWA	5 mg/m3

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

Components	Type	Value
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

Norway. Administrative Norms for Contaminants in the Workplace

Components	Type	Value
beta-Pinene (CAS	TLV 127-91-3)	140 mg/m3
		25 ppm
Carbon black (CAS	TLV 1333-86-4)	3,5 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	Form
Carbon black (CAS 1333-86-4)	TWA	4 mg/m3	Inhalable fraction.
		0 ppm	Inhalable fraction.
Citral (CAS 5392-40-5)	STEL	54 mg/m3	
		0 ppm	
	TWA	27 mg/m3	
		0 ppm	

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

Components	Type	Value	Form
Benzyl acetate (CAS 140-11-4) beta-Pinene (CAS 127-91-3)	TWA	10 ppm	
	TWA	20 ppm	
Carbon black (CAS 1333-86-4)	TWA	3 mg/m3	Fume.
Citral (CAS 5392-40-5)	TWA	5 ppm	Inhalable fraction and vapour.

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

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

Components	Type	Value
Carbon black (CAS 1333-86-4)	TWA	2 mg/m3

Spain. Occupational Exposure Limits

Components	Type	Value	Form

Benzyl acetate (CAS 140-11-4)	TWA	62 mg/m3 10 ppm	
beta-Pinene (CAS 127-91-3)	TWA	113 mg/m3 20 ppm	
Carbon black (CAS 1333-86-4)	TWA	3,5 mg/m3	
Citral (CAS 5392-40-5)	TWA	5 ppm	Inhalable fraction and vapour.

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

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

Switzerland. SUVA Grenzwerte am Arbeitsplatz

Components	Type	Value
beta-Pinene (CAS 127-91-3)	STEL	224 mg/m3 40 ppm
	TWA	112 mg/m3 20 ppm

UK. EH40 Workplace Exposure Limits (WELs)

Components	Type	Value
Carbon black (CAS 1333-86-4)	STEL	7 mg/m3
	TWA	3,5 mg/m3

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

Recommended monitoring procedures Follow standard monitoring procedures.

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

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

Exposure guidelines

Belgium OELs: Skin designation

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

Germany DFG MAK (advisory): Skin designation

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

Italy OELs: Skin designation

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

Portugal VLEs Norm on Occupatioinal Exposure: Skin designation

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

Spain OELs: Skin designation

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

Switzerland SUVA Limit Values at the Workplace: Skin designation

beta-Pinene (CAS 127-91-3) Can be absorbed through the skin.

8.2. Exposure controls

Appropriate engineering controls Good general ventilation should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Provide eyewash station.

Individual protection measures, such as personal protective equipment

General information	Use personal protective equipment as required. Personal protection equipment should be chosen according to the CEN standards and in discussion with the supplier of the personal protective equipment.
Eye/face protection	Wear safety glasses with side shields (or goggles). Face shield is recommended.
Skin protection	
- Hand protection	Wear appropriate chemical resistant gloves.
- Other	Wear appropriate chemical resistant clothing. Use of an impervious apron is recommended.
Respiratory protection	In case of insufficient ventilation, wear suitable respiratory equipment.
Thermal hazards	Wear appropriate thermal protective clothing, when necessary.

Hygiene measures	Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Contaminated work clothing should not be allowed out of the workplace.
Environmental exposure controls	Inform appropriate managerial or supervisory personnel of all environmental releases. Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. Fume scrubbers, filters or engineering modifications to the process equipment may be necessary to reduce emissions to acceptable levels.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	Solid.
Form	Solid.
Colour	Not available.
Odour	Not available.
Melting point/freezing point	Not available.
Boiling point or initial boiling point and boiling range	Not available.
Flammability (solid, gas)	Not available.
Flash point	93 °C (199,4 °F) estimated
Auto-ignition temperature	Not available.
Decomposition temperature	Not available.
pH	Not available.
Solubility(ies)	
Solubility (water)	Not available.
Partition coefficient (n-octanol/water)	Not available.
Vapour pressure	0,140722 hPa estimated
Vapour density	Not available.
Relative density	Not available.
Particle characteristics	Not available.

9.2. Other information

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

9.2.2. Other safety characteristics

Density	1,021 g/cm3 estimated
Explosive properties	Not explosive.
Oxidising properties	Not oxidising.
Specific gravity	1,02107 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	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	Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. May cause an allergic skin reaction. Dermatitis. Rash.

11.1. Information on toxicological effects

Acute toxicity

Components	Species	Test Results
Carbon black (CAS 1333-86-4)		
Acute		
Oral		
LD50	Rat	> 8000 mg/kg

Skin corrosion/irritation	Due to partial or complete lack of data the classification is not possible.
Serious eye damage/eye irritation	Causes serious eye irritation.
Respiratory sensitisation	Due to partial or complete lack of data the classification is not possible.
Skin sensitisation	May cause an allergic skin reaction.
Germ cell mutagenicity	Due to partial or complete lack of data the classification is not possible.
Carcinogenicity	Risk of cancer cannot be excluded with prolonged exposure.

Not classifiable as to carcinogenicity to humans. Carbon black (CAS 1333-86-4) 2B Possibly carcinogenic to humans.

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

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

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
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)	
1,6-Nonadien-3-ol, 3,7-dimethyl-	3,3
2H-Pyran-4-ol, tetrahydro-4-methyl-2-(2-methylpropyl)-	1,65
Acetic acid, hexyl ester	3,3
Allyl heptanoate	3,97
Benzeneethanol	1,36
Benzyl acetate	1,96
beta-Ionone	1,903
beta-Pinene	4,16
Butyl cyclohexyl acetate	4,8
Citral	2,76
	3,45
Citronellol	3,41

delta-Damascone	3,4 4,2
Ethyl 2,2-dimethylhydrocinnamal	3,6
Geraniol	3,56
Methylenedioxyphenyl methylpropanal	2,4
Rose Ketone-4	4,8

Bioconcentration factor (BCF) Not available.

12.4. Mobility in soil No data available.

12.5. Results of PBT and vPvB assessment This mixture does not contain substances assessed to be vPvB / PBT according to Regulation (EC) No 1907/2006, Annex XIII.

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

12.7. Other adverse effects No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

12.8. Additional information

Estonia Dangerous substances in soil Data

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
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

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Residual waste Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).

Contaminated packaging Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.

EU waste code The Waste code should be assigned in discussion between the user, the producer and the waste disposal company.

Disposal methods/information Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents/container in accordance with local/regional/national/international regulations.

Special precautions Dispose in accordance with all applicable regulations.

SECTION 14: Transport information

ADR

14.1. UN number UN3077

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

14.3. Transport hazard class(es)

Class 9

Subsidiary risk -

Label(s) 9 **Hazard No. (ADR)** 90

Tunnel restriction code E

14.4. Packing group III

14.5. Environmental hazards Yes

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

RID

14.1. UN number UN3077

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

name

14.3. Transport hazard class(es)

Class	9
Subsidiary risk	-
Label(s)	9

14.4. Packing group III

14.5. Environmental hazards Yes

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

ADN

14.1. UN number UN3077

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

14.3. Transport hazard class(es)

Class	9
Subsidiary risk	-
Label(s)	9

14.4. Packing group III

14.5. Environmental hazards Yes

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

IATA

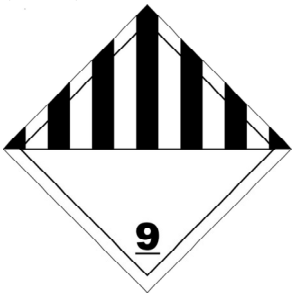
14.1. - 14.6.: Not regulated as dangerous goods.

IMDG

14.1. - 14.6.: Not regulated as dangerous goods.

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

ADN; ADR; RID



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.

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)
Geraniol (CAS 106-24-1)

Directive 2004/37/EC: on the protection of workers from the risks related to exposure to carcinogens and mutagens at work, as amended.

Not listed.

Other EU regulations

Directive 2012/18/EU on major accident hazards involving dangerous substances, as amended Acetic acid, hexyl ester (CAS 142-92-7)

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	H226 Flammable liquid and vapour. 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. H351 Suspected of causing cancer. 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	None.
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.