


AROMA CAR
Wood Lemon

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

- 1.1 Product identifier:** AROMA CAR
Wood Lemon
- Other means of identification:**
- UFI:** J1H7-K0YT-400G-30NT
- 1.2 Relevant identified uses of the substance or mixture and uses advised against:**
- Relevant uses (Consumer use): Air freshener
Uses advised against: All uses not specified in this section or in section 7.3
- 1.3 Details of the supplier of the safety data sheet:**
- MTM Industries sp z o.o.
Ul. Metalowców 6
62-800 Kalisz - Wielkopolskie - Polska
Phone: +48 62 767 33 21 - Fax: +48 62 767 33 79
info@mtm.eu
www.mtm.eu
- 1.4 Emergency telephone number:** 112

SECTION 2: HAZARDS IDENTIFICATION **

- 2.1 Classification of the substance or mixture:**
- CLP Regulation (EC) No 1272/2008:**
- Classification of this product has been carried out in accordance with CLP Regulation (EC) No 1272/2008.
Aquatic Chronic 3: Hazardous to the aquatic environment, long-term hazard, Category 3, H412
Eye Irrit. 2: Eye irritation, Category 2, H319
Skin Irrit. 2: Skin irritation, Category 2, H315
Skin Sens. 1B: Sensitisation, skin, Category 1B, H317
- 2.2 Label elements:**
- CLP Regulation (EC) No 1272/2008:**
- Labelling of packages where the contents do not exceed 125 ml:
- Warning**
- 
- Hazard statements:**
- Aquatic Chronic 3: H412 - Harmful to aquatic life with long lasting effects.
Skin Sens. 1B: H317 - May cause an allergic skin reaction.
- Precautionary statements:**
- P101: If medical advice is needed, have product container or label at hand.
P102: Keep out of reach of children.
P302+P352: IF ON SKIN: Wash with plenty of water.
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.
P501: Dispose of contents/ container in accordance with local/regional/national/international regulation.
- Supplementary information:**
- Contains Citral, p-mentha-1,4-diene, Citronellol, Geraniol, Reaction mass of 3,5-dimethylcyclohex-3-ene-1-carbaldehyde and 2,4-dimethylcyclohex-3-ene-1-carbaldehyde, Acid Catalysed reaction products of 3,7-dimethyl-2,6-octadienal in the presence of ethanol.
- Substances that contribute to the classification**
- d-limonene; 3,7-dimethyloctan-3-ol; (E)-2-benzylideneoctanal
- 2.3 Other hazards:**
- Product does not meet PBT/vPvB criteria
Endocrine-disrupting properties: The product does not meet the criteria.

** Changes with regards to the previous version

- CONTINUED ON NEXT PAGE -

AROMA CAR
Wood Lemon
SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS **
3.1 Substance:

Not relevant

3.2 Mixture:
Chemical description: Mixture composed of chemical products

Components:

In accordance with Annex II of Regulation (EC) No 1907/2006 (point 3), the product contains:

Identification	Chemical name/Classification	Concentration
CAS: 34590-94-8 EC: 252-104-2 Index: Not relevant REACH: 01-2119450011-60-XXXX	Dipropylene Glycol Methyl Ether⁽¹⁾ Not classified Regulation 1272/2008	50 - <75%
CAS: 5392-40-5 EC: 226-394-6 Index: 605-019-00-3 REACH: 01-2119462829-23-XXXX	Citral⁽²⁾ Self-classified Regulation 1272/2008 Eye Irrit. 2: H319; Skin Irrit. 2: H315; Skin Sens. 1: H317 - Warning	2.5 - <10%
CAS: 5989-27-5 EC: 227-813-5 Index: 601-096-00-2 REACH: Not relevant	d-limonene⁽²⁾ Self-classified Regulation 1272/2008 Aquatic Acute 1: H400; Aquatic Chronic 3: H412; Asp. Tox. 1: H304; Flam. Liq. 3: H226; Skin Irrit. 2: H315; Skin Sens. 1B: H317 - Danger	2.5 - <10%
CAS: 56539-66-3 EC: 260-252-4 Index: Not relevant REACH: 01-2119976333-33-XXXX	3-methoxy-3-methylbutan-1-ol⁽²⁾ Self-classified Regulation 1272/2008 Eye Irrit. 2: H319 - Warning	2.5 - <10%
CAS: 78-69-3 EC: 201-133-9 Index: Not relevant REACH: 01-2119454788-21-XXXX	3,7-dimethyloctan-3-ol⁽²⁾ Self-classified Regulation 1272/2008 Eye Irrit. 2: H319; Skin Irrit. 2: H315; Skin Sens. 1B: H317 - Warning	2.5 - <10%
CAS: 112-31-2 EC: 203-957-4 Index: Not relevant REACH: 01-2119967771-26-XXXX	Decanal⁽²⁾ Self-classified Regulation 1272/2008 Aquatic Chronic 3: H412; Eye Irrit. 2: H319 - Warning	1 - <2.5%
CAS: 124-13-0 EC: 204-683-8 Index: Not relevant REACH: 01-2119638274-38-XXXX	Octanal⁽²⁾ Self-classified Regulation 1272/2008 Aquatic Chronic 3: H412; Eye Irrit. 2: H319; Flam. Liq. 3: H226; Skin Irrit. 2: H315 - Warning	1 - <2.5%
CAS: 61792-11-8 EC: 263-214-5 Index: Not relevant REACH: 01-2119967769-11-XXXX	3,7-dimethylnona-2,6-dienitrile⁽²⁾ Self-classified Regulation 1272/2008 Aquatic Chronic 2: H411	1 - <2.5%
CAS: 165184-98-5 EC: 639-566-4 Index: Not relevant REACH: 01-2119533092-50-XXXX	(E)-2-benzylideneoctanal⁽²⁾ Self-classified Regulation 1272/2008 Aquatic Acute 1: H400; Aquatic Chronic 2: H411; Skin Sens. 1B: H317 - Warning	1 - <2.5%
CAS: 586-62-9 EC: 209-578-0 Index: Not relevant REACH: 01-2119982325-32-XXXX	p-mentha-1,4-diene⁽²⁾ Self-classified Regulation 1272/2008 Aquatic Acute 1: H400; Aquatic Chronic 1: H410; Asp. Tox. 1: H304; Flam. Liq. 3: H226; Skin Sens. 1B: H317 - Danger	<1%
CAS: 106-22-9 EC: 203-375-0 Index: Not relevant REACH: 01-2119453995-23-XXXX	Citronellol⁽²⁾ Self-classified Regulation 1272/2008 Eye Irrit. 2: H319; Skin Irrit. 2: H315; Skin Sens. 1B: H317 - Warning	<1%
CAS: 106-24-1 EC: 203-377-1 Index: 603-241-00-5 REACH: 01-2119552430-49-XXXX	Geraniol⁽²⁾ Self-classified Regulation 1272/2008 Eye Dam. 1: H318; Skin Irrit. 2: H315; Skin Sens. 1: H317 - Danger	<1%

⁽¹⁾ Substance with a Union workplace exposure limit





⁽²⁾ Substances presenting a health or environmental hazard which meet criteria laid down in Regulation (EU) No. 2020/878

** Changes with regards to the previous version

- CONTINUED ON NEXT PAGE -

AROMA CAR
Wood Lemon

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS ** (continued)

Identification	Chemical name/Classification	Concentration
CAS: Not relevant EC: 943-728-2 Index: Not relevant REACH: 01-2119982384-28-XXXX	Reaction mass of 3,5-dimethylcyclohex-3-ene-1-carbaldehyde and 2,4-dimethylcyclohex-3-ene-1-carbaldehyde⁽²⁾ Self-classified	<1%
	Regulation 1272/2008 Aquatic Chronic 2: H411; Skin Irrit. 2: H315; Skin Sens. 1B: H317 - Warning 	
CAS: 123-35-3 EC: 204-622-5 Index: Not relevant REACH: 01-2119514321-56-XXXX	7-methyl-3-methyleneocta-1,6-diene⁽²⁾ Self-classified	<1%
	Regulation 1272/2008 Aquatic Acute 1: H400; Aquatic Chronic 2: H411; Asp. Tox. 1: H304; Eye Irrit. 2: H319; Flam. Liq. 3: H226; Skin Irrit. 2: H315 - Danger 	
CAS: 112-44-7 EC: 203-972-6 Index: Not relevant REACH: 01-2119529242-47-xxxx	Undecanal⁽²⁾ Self-classified	<1%
	Regulation 1272/2008 Aquatic Acute 1: H400; Aquatic Chronic 2: H411; Skin Irrit. 2: H315 - Warning 	
CAS: Not relevant EC: 947-660-4 Index: Not relevant REACH: 01-2120767467-40-XXXX	Acid Catalysed reaction products of 3,7-dimethyl-2,6-octadienal in the presence of ethanol⁽²⁾ Self-classified	<1%
	Regulation 1272/2008 Aquatic Chronic 2: H411; Flam. Liq. 2: H225; Skin Sens. 1: H317 - Danger 	

⁽¹⁾ Substance with a Union workplace exposure limit

⁽²⁾ Substances presenting a health or environmental hazard which meet criteria laid down in Regulation (EU) No. 2020/878

To obtain more information on the hazards of the substances consult sections 11, 12 and 16.

Other information:

Identification	M-factor	
	Acute	Chronic
d-limonene CAS: 5989-27-5 EC: 227-813-5	1	1
(E)-2-benzylideneoctanal CAS: 165184-98-5 EC: 639-566-4	1	1
7-methyl-3-methyleneocta-1,6-diene CAS: 123-35-3 EC: 204-622-5	1	1

** Changes with regards to the previous version

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures:

The symptoms resulting from intoxication can appear after exposure, therefore, in case of doubt, seek medical attention for direct exposure to the chemical product or persistent discomfort, showing the SDS of this product.

By inhalation:

This product is not classified as hazardous through inhalation. However, in case of intoxication symptoms it is recommended to remove the person affected from the area of exposure, provide clean air and keep at rest. Request medical attention if symptoms persist.

By skin contact:

Remove contaminated clothing and footwear, rinse skin or shower the person affected if appropriate with plenty of cold water and neutral soap. In serious cases see a doctor. If the product causes burns or freezing, clothing should not be removed as this could worsen the injury caused if it is stuck to the skin. If blisters form on the skin, these should never be burst as this will increase the risk of infection.

By eye contact:

Rinse eyes thoroughly with lukewarm water for at least 15 minutes. Do not allow the person affected to rub or close their eyes. If the injured person uses contact lenses, these should be removed unless they are stuck to the eyes, in which case this could cause further damage. In all cases, after cleaning, a doctor should be consulted as quickly as possible with the SDS of the product.

By ingestion/aspiration:

Do not induce vomiting, but if it does happen keep the head down to avoid aspiration. Keep the person affected at rest. Rinse out the mouth and throat, as they may have been affected during ingestion.

4.2 Most important symptoms and effects, both acute and delayed:

Acute and delayed effects are indicated in sections 2 and 11.

4.3 Indication of any immediate medical attention and special treatment needed:

Not relevant

- CONTINUED ON NEXT PAGE -

AROMA CAR
Wood Lemon

SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media:

Suitable extinguishing media:

Product is non-flammable under normal conditions of storage, handling and use. In the case of combustion as a result of improper handling, storage or use preferably use polyvalent powder extinguishers (ABC powder), in accordance with the Regulation on fire protection systems.

Unsuitable extinguishing media:

Non-applicable

5.2 Special hazards arising from the substance or mixture:

As a result of combustion or thermal decomposition reactive sub-products are created that can become highly toxic and, consequently, can present a serious health risk.

5.3 Advice for firefighters:

Depending on the magnitude of the fire it may be necessary to use full protective clothing and Self Contained Breathing Apparatus. Minimum emergency facilities and equipment should be available (fire blankets, portable first aid kit,...)

Additional provisions:

Act in accordance with the Internal Emergency Plan and the Information Sheets on actions to take after an accident or other emergencies. Eliminate all sources of ignition. In case of fire, cool the storage containers and tanks for products susceptible to combustion, explosion or BLEVE as a result of high temperatures. Avoid spillage of the products used to extinguish the fire into an aqueous medium.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures:

For non-emergency personnel:

Isolate leaks provided that there is no additional risk for the people performing this task. Evacuate the area and keep out those without protection. Personal protection equipment must be used against potential contact with the spilt product (See section 8). Above all prevent the formation of any vapour-air flammable mixtures, through either ventilation or the use of an inert medium. Remove any source of ignition. Eliminate electrostatic charges by interconnecting all the conductive surfaces on which static electricity could form, and also ensuring that all surfaces are connected to the ground.

For emergency responders:

Wear protective equipment. Keep unprotected persons away. See section 8.

6.2 Environmental precautions:

Avoid at all cost any type of spillage into an aqueous medium. Contain the product absorbed appropriately in hermetically sealed containers. Notify the relevant authority in case of exposure to the general public or the environment.

6.3 Methods and material for containment and cleaning up:

It is recommended:

Prevent the entrance of product in drains, sewers or watercourses. Absorb the spill using sand or inert absorbent and move it to a safe place. Do not absorb in sawdust or other combustible absorbents. Collect the product in appropriate containers and manage it according to current legislation.

Spillages in water or sea:

Small spillages:

Contain spillage using barriers or similar equipment. Use suitable absorbents for collection and treat the waste in accordance with current regulations.

Large spillages:

If possible, contain spillage in open water using barriers or similar equipment. If this is not possible, try to control its spread and collect the product with suitable mechanical means. Always consult experts before using dispersants and make sure you have the necessary approvals if they are to be used. Treat the waste according to current regulations.

6.4 Reference to other sections:

See sections 8 and 13.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling:

A.- General precautions for safe use

- CONTINUED ON NEXT PAGE -

AROMA CAR
Wood Lemon

SECTION 7: HANDLING AND STORAGE (continued)

Comply with the current legislation concerning the prevention of industrial risks with regards manually handling weights. Maintain order, cleanliness and dispose of using safe methods (section 6).

B.- Technical recommendations for the prevention of fires and explosions

Avoid the evaporation of the product as it contains flammable substances, which could form flammable vapour/air mixtures in the presence of sources of ignition. Control sources of ignition (mobile phones, sparks,...) and transfer at slow speeds to avoid the creation of electrostatic charges. Consult section 10 for conditions and materials that should be avoided.

C.- Technical recommendations on general occupational hygiene

Do not eat or drink during the process, washing hands afterwards with suitable cleaning products.

D.- Technical recommendations to prevent environmental risks

Due to the danger of this product for the environment it is recommended to use it within an area containing contamination control barriers in case of spillage, as well as having absorbent material in close proximity.

7.2 Conditions for safe storage, including any incompatibilities:

A.- Specific storage requirements

Minimum Temp.: 5 °C
Maximum Temp.: 30 °C
Maximum time: 6 Months

B.- General conditions for storage

Avoid sources of heat, radiation, static electricity and contact with food. For additional information see subsection 10.5

7.3 Specific end use(s):

Except for the instructions already specified it is not necessary to provide any special recommendation regarding the uses of this product.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters:

Substances whose occupational exposure limits have to be monitored in the workplace (European OEL, not country-specific legislation):

Directive (EU) 2000/39, Directive 2004/37/EC, Directive (EU) 2006/15, Directive (EU) 2009/161, Directive (EU) 2017/164, Directive (EU) 2019/1831:

Identification	Occupational exposure limits		
	IOELV (8h)	50 ppm	308 mg/m ³
Dipropylene Glycol Methyl Ether ⁽¹⁾ CAS: 34590-94-8 EC: 252-104-2	IOELV (STEL)		

⁽¹⁾ Skin

DNEL (Workers):

Identification		Short exposure		Long exposure	
		Systemic	Local	Systemic	Local
Dipropylene Glycol Methyl Ether CAS: 34590-94-8 EC: 252-104-2	Oral	Not relevant	Not relevant	Not relevant	Not relevant
	Dermal	Not relevant	Not relevant	283 mg/kg	Not relevant
	Inhalation	Not relevant	Not relevant	308 mg/m ³	Not relevant
Citral CAS: 5392-40-5 EC: 226-394-6	Oral	Not relevant	Not relevant	Not relevant	Not relevant
	Dermal	Not relevant	Not relevant	1,7 mg/kg	Not relevant
	Inhalation	Not relevant	Not relevant	9 mg/m ³	Not relevant
3-methoxy-3-methylbutan-1-ol CAS: 56539-66-3 EC: 260-252-4	Oral	Not relevant	Not relevant	Not relevant	Not relevant
	Dermal	Not relevant	Not relevant	6,25 mg/kg	Not relevant
	Inhalation	Not relevant	Not relevant	18 mg/m ³	Not relevant
3,7-dimethyloctan-3-ol CAS: 78-69-3 EC: 201-133-9	Oral	Not relevant	Not relevant	Not relevant	Not relevant
	Dermal	Not relevant	Not relevant	3,16 mg/kg	Not relevant
	Inhalation	Not relevant	Not relevant	11,14 mg/m ³	Not relevant
Decanal CAS: 112-31-2 EC: 203-957-4	Oral	Not relevant	Not relevant	Not relevant	Not relevant
	Dermal	14,1 mg/kg	Not relevant	7,05 mg/kg	Not relevant
	Inhalation	49,71 mg/m ³	124,28 mg/m ³	24,86 mg/m ³	62,14 mg/m ³

- CONTINUED ON NEXT PAGE -

AROMA CAR
Wood Lemon

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

Identification		Short exposure		Long exposure	
		Systemic	Local	Systemic	Local
Octanal CAS: 124-13-0 EC: 204-683-8	Oral	Not relevant	Not relevant	Not relevant	Not relevant
	Dermal	Not relevant	Not relevant	0,37 mg/kg	Not relevant
	Inhalation	Not relevant	Not relevant	1,3 mg/m ³	Not relevant
3,7-dimethylnona-2,6-dienenitrile CAS: 61792-11-8 EC: 263-214-5	Oral	Not relevant	Not relevant	Not relevant	Not relevant
	Dermal	Not relevant	Not relevant	1,55 mg/kg	Not relevant
	Inhalation	Not relevant	Not relevant	5,48 mg/m ³	Not relevant
(E)-2-benzylideneoctanal CAS: 165184-98-5 EC: 639-566-4	Oral	Not relevant	Not relevant	Not relevant	Not relevant
	Dermal	Not relevant	Not relevant	18,2 mg/kg	Not relevant
	Inhalation	Not relevant	6,28 mg/m ³	0,078 mg/m ³	Not relevant
Citronellol CAS: 106-22-9 EC: 203-375-0	Oral	Not relevant	Not relevant	Not relevant	Not relevant
	Dermal	Not relevant	Not relevant	327,4 mg/kg	Not relevant
	Inhalation	Not relevant	10 mg/m ³	161,6 mg/m ³	10 mg/m ³
Geraniol CAS: 106-24-1 EC: 203-377-1	Oral	Not relevant	Not relevant	Not relevant	Not relevant
	Dermal	Not relevant	Not relevant	12,5 mg/kg	Not relevant
	Inhalation	Not relevant	Not relevant	161,6 mg/m ³	Not relevant
Acid Catalysed reaction products of 3,7-dimethyl-2,6-octadienal in the presence of ethanol CAS: Not relevant EC: 947-660-4	Oral	Not relevant	Not relevant	Not relevant	Not relevant
	Dermal	20 mg/kg	Not relevant	6,67 mg/kg	Not relevant
	Inhalation	70,53 mg/m ³	176,32 mg/m ³	17,63 mg/m ³	44,08 mg/m ³

DNEL (General population):

Identification		Short exposure		Long exposure	
		Systemic	Local	Systemic	Local
Dipropylene Glycol Methyl Ether CAS: 34590-94-8 EC: 252-104-2	Oral	Not relevant	Not relevant	36 mg/kg	Not relevant
	Dermal	Not relevant	Not relevant	121 mg/kg	Not relevant
	Inhalation	Not relevant	Not relevant	37,2 mg/m ³	Not relevant
Citral CAS: 5392-40-5 EC: 226-394-6	Oral	Not relevant	Not relevant	0,6 mg/kg	Not relevant
	Dermal	Not relevant	Not relevant	1 mg/kg	Not relevant
	Inhalation	Not relevant	Not relevant	2,7 mg/m ³	Not relevant
3-methoxy-3-methylbutan-1-ol CAS: 56539-66-3 EC: 260-252-4	Oral	Not relevant	Not relevant	2,5 mg/kg	Not relevant
	Dermal	Not relevant	Not relevant	3,1 mg/kg	Not relevant
	Inhalation	Not relevant	Not relevant	4,4 mg/m ³	Not relevant
3,7-dimethyloctan-3-ol CAS: 78-69-3 EC: 201-133-9	Oral	Not relevant	Not relevant	1,58 mg/kg	Not relevant
	Dermal	Not relevant	Not relevant	1,58 mg/kg	Not relevant
	Inhalation	Not relevant	Not relevant	2,75 mg/m ³	Not relevant
Decanal CAS: 112-31-2 EC: 203-957-4	Oral	7,05 mg/kg	Not relevant	3,52 mg/kg	Not relevant
	Dermal	7,05 mg/kg	Not relevant	3,52 mg/kg	Not relevant
	Inhalation	12,26 mg/m ³	30,65 mg/m ³	6,13 mg/m ³	15,32 mg/m ³
Octanal CAS: 124-13-0 EC: 204-683-8	Oral	Not relevant	Not relevant	0,19 mg/kg	Not relevant
	Dermal	Not relevant	Not relevant	0,19 mg/kg	Not relevant
	Inhalation	Not relevant	Not relevant	0,32 mg/m ³	Not relevant
3,7-dimethylnona-2,6-dienenitrile CAS: 61792-11-8 EC: 263-214-5	Oral	Not relevant	Not relevant	0,555 mg/kg	Not relevant
	Dermal	Not relevant	Not relevant	0,555 mg/kg	Not relevant
	Inhalation	Not relevant	Not relevant	0,966 mg/m ³	Not relevant
(E)-2-benzylideneoctanal CAS: 165184-98-5 EC: 639-566-4	Oral	Not relevant	Not relevant	0,056 mg/kg	Not relevant
	Dermal	Not relevant	Not relevant	9,11 mg/kg	Not relevant
	Inhalation	Not relevant	4,71 mg/m ³	0,019 mg/m ³	Not relevant
Citronellol CAS: 106-22-9 EC: 203-375-0	Oral	Not relevant	Not relevant	13,8 mg/kg	Not relevant
	Dermal	Not relevant	Not relevant	196,4 mg/kg	Not relevant
	Inhalation	Not relevant	10 mg/m ³	47,8 mg/m ³	10 mg/m ³
Geraniol CAS: 106-24-1 EC: 203-377-1	Oral	Not relevant	Not relevant	13,75 mg/kg	Not relevant
	Dermal	Not relevant	Not relevant	7,5 mg/kg	Not relevant
	Inhalation	Not relevant	Not relevant	47,8 mg/m ³	Not relevant

- CONTINUED ON NEXT PAGE -

AROMA CAR
Wood Lemon

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

Identification		Short exposure		Long exposure	
		Systemic	Local	Systemic	Local
Acid Catalysed reaction products of 3,7-dimethyl-2,6-octadienal in the presence of ethanol CAS: Not relevant EC: 947-660-4	Oral	12,25 mg/kg	Not relevant	3,33 mg/kg	Not relevant
	Dermal	10 mg/kg	Not relevant	3,33 mg/kg	Not relevant
	Inhalation	17,39 mg/m ³	43,48 mg/m ³	5,8 mg/m ³	14,49 mg/m ³

PNEC:

Identification					
Dipropylene Glycol Methyl Ether CAS: 34590-94-8 EC: 252-104-2	STP	4168 mg/L	Fresh water	19 mg/L	
	Soil	2,74 mg/kg	Marine water	1,9 mg/L	
	Intermittent	190 mg/L	Sediment (Fresh water)	70,2 mg/kg	
	Oral	Not relevant	Sediment (Marine water)	7,02 mg/kg	
Citral CAS: 5392-40-5 EC: 226-394-6	STP	1,6 mg/L	Fresh water	0,007 mg/L	
	Soil	0,021 mg/kg	Marine water	0,001 mg/L	
	Intermittent	0,068 mg/L	Sediment (Fresh water)	0,125 mg/kg	
	Oral	Not relevant	Sediment (Marine water)	0,013 mg/kg	
3,7-dimethyloctan-3-ol CAS: 78-69-3 EC: 201-133-9	STP	450 mg/L	Fresh water	0,009 mg/L	
	Soil	0,011 mg/kg	Marine water	0,001 mg/L	
	Intermittent	0,089 mg/L	Sediment (Fresh water)	0,082 mg/kg	
	Oral	Not relevant	Sediment (Marine water)	0,008 mg/kg	
Decanal CAS: 112-31-2 EC: 203-957-4	STP	3,16 mg/L	Fresh water	0,00117 mg/L	
	Soil	0,019 mg/kg	Marine water	0,000117 mg/L	
	Intermittent	0,0117 mg/L	Sediment (Fresh water)	0,097 mg/kg	
	Oral	0,313 g/kg	Sediment (Marine water)	0,01 mg/kg	
Octanal CAS: 124-13-0 EC: 204-683-8	STP	3,16 mg/L	Fresh water	0,002 mg/L	
	Soil	0,013 mg/kg	Marine water	0 mg/L	
	Intermittent	Not relevant	Sediment (Fresh water)	0,071 mg/kg	
	Oral	Not relevant	Sediment (Marine water)	0,007 mg/kg	
3,7-dimethylnona-2,6-dienitrile CAS: 61792-11-8 EC: 263-214-5	STP	0,9 mg/L	Fresh water	0,002 mg/L	
	Soil	0,05 mg/kg	Marine water	0 mg/L	
	Intermittent	0,024 mg/L	Sediment (Fresh water)	0,248 mg/kg	
	Oral	0,0247 g/kg	Sediment (Marine water)	0,025 mg/kg	
(E)-2-benzylideneoctanal CAS: 165184-98-5 EC: 639-566-4	STP	10 mg/L	Fresh water	0,001 mg/L	
	Soil	0,398 mg/kg	Marine water	0 mg/L	
	Intermittent	0,002 mg/L	Sediment (Fresh water)	3,2 mg/kg	
	Oral	0,0066 g/kg	Sediment (Marine water)	0,064 mg/kg	
Citronellol CAS: 106-22-9 EC: 203-375-0	STP	580 mg/L	Fresh water	0,002 mg/L	
	Soil	0,004 mg/kg	Marine water	0 mg/L	
	Intermittent	0,024 mg/L	Sediment (Fresh water)	0,026 mg/kg	
	Oral	Not relevant	Sediment (Marine water)	0,003 mg/kg	
Geraniol CAS: 106-24-1 EC: 203-377-1	STP	0,7 mg/L	Fresh water	0,011 mg/L	
	Soil	0,017 mg/kg	Marine water	0,001 mg/L	
	Intermittent	0,108 mg/L	Sediment (Fresh water)	0,115 mg/kg	
	Oral	Not relevant	Sediment (Marine water)	0,011 mg/kg	
Acid Catalysed reaction products of 3,7-dimethyl-2,6-octadienal in the presence of ethanol CAS: Not relevant EC: 947-660-4	STP	1 mg/L	Fresh water	0,00022 mg/L	
	Soil	0,014 mg/kg	Marine water	0,000022 mg/L	
	Intermittent	Not relevant	Sediment (Fresh water)	0,07 mg/kg	
	Oral	Not relevant	Sediment (Marine water)	0,007 mg/kg	

8.2 Exposure controls:

A.- Individual protection measures, such as personal protective equipment

- CONTINUED ON NEXT PAGE -

**AROMA CAR
Wood Lemon**



SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

As a preventative measure it is recommended to use basic Personal Protective Equipment, with the corresponding <<CE marking>> in accordance with Regulation (EU) 2016/425. For more information on Personal Protective Equipment (storage, use, cleaning, maintenance, class of protection,...) consult the information leaflet provided by the manufacturer. For more information see subsection 7.1. All information contained herein is a recommendation which needs some specification from the labour risk prevention services as it is not known whether the company has additional measures at its disposal.

B.- Respiratory protection



If the working conditions and/or safety measures adopted do not allow keeping the airborne concentration of the product below the exposure limits (if any) or at acceptable levels (if no exposure limits exist), suitable respiratory protection equipment chosen by a qualified professional should be used.

C.- Specific protection for the hands



Pictogram	PPE	Labelling	CEN Standard	Remarks
 Mandatory hand protection	Chemical protective gloves (Material: Nitrile, Breakthrough time: > 480 min, Thickness: 0.4 mm)		EN ISO 21420:2020	Replace the gloves at any sign of deterioration.

As the product is a mixture of several substances, the resistance of the glove material can not be calculated in advance with total reliability and has therefore to be checked prior to the application.

D.- Eye and face protection



Pictogram	PPE	Labelling	CEN Standard	Remarks
 Mandatory face protection	Panoramic glasses against splash/projections.		EN 166:2002 EN ISO 4007:2018	Clean daily and disinfect periodically according to the manufacturer's instructions. Use if there is a risk of splashing.

E.- Body protection

Pictogram	PPE	Labelling	CEN Standard	Remarks
	Work clothing			Replace before any evidence of deterioration. For periods of prolonged exposure to the product for professional/industrial users CE III is recommended, in accordance with the regulations in EN ISO 6529:2013, EN ISO 6530:2005, EN ISO 13688:2013, EN 464:1994.
	Anti-slip work shoes		EN ISO 20347:2022	Replace before any evidence of deterioration. For periods of prolonged exposure to the product for professional/industrial users CE III is recommended, in accordance with the regulations in EN ISO 20345:2022 y EN 13832-1:2019

F.- Additional emergency measures

It is advised to implement additional emergency equipments in workplaces that are particularly exposed to the product or in situations where risk assessments highlight the necessity of such equipments.

Emergency measure	Standards	Emergency measure	Standards
 Emergency shower	ANSI Z358-1 ISO 3864-1:2011, ISO 3864-4:2011	 Eyewash stations	DIN 12 899 ISO 3864-1:2011, ISO 3864-4:2011

Environmental exposure controls:

To comply with environmental protection regulations, it is recommended to prevent any spillage of the product and its container. For more detailed information, please refer to subsection 7.1.D.

Volatile organic compounds:

With regard to Directive 2010/75/EU, this product has the following characteristics:

V.O.C. (Supply):	65,65 % weight
V.O.C. density at 20 °C:	622,96 kg/m ³ (622,96 g/L)
Average carbon number:	7,24
Average molecular weight:	145,6 g/mol

** Changes with regards to the previous version

- CONTINUED ON NEXT PAGE -

AROMA CAR
Wood Lemon

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES **

9.1 Information on basic physical and chemical properties:

For complete information see the product datasheet.

Appearance:

Physical state at 20 °C:	Liquid
Appearance:	Characteristic
Colour:	Characteristic
Odour:	Aromatic
Odour threshold:	Not relevant *

Volatility:

Boiling point at atmospheric pressure:	193 °C
Vapour pressure at 20 °C:	51 Pa
Vapour pressure at 50 °C:	371,07 Pa (0,37 kPa)
Evaporation rate at 20 °C:	Not relevant *

Product description:

Density at 20 °C:	949 kg/m ³
Relative density at 20 °C:	0,949
Dynamic viscosity at 20 °C:	Not relevant *
Kinematic viscosity at 20 °C:	Not relevant *
Kinematic viscosity at 40 °C:	Not relevant *
Concentration:	Not relevant *
pH:	Not relevant *
Vapour density at 20 °C:	Not relevant *
Partition coefficient n-octanol/water 20 °C:	Not relevant *
Solubility in water at 20 °C:	Not relevant *
Solubility properties:	Not relevant *
Decomposition temperature:	Not relevant *
Melting point/freezing point:	Not relevant *

Flammability:

Flash Point:	78 °C
Flammability (solid, gas):	Not relevant *
Autoignition temperature:	225 °C
Lower flammability limit:	Not relevant *
Upper flammability limit:	Not relevant *

Particle characteristics:

Median equivalent diameter:	Not relevant *
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9.2 Other information:

Information with regard to physical hazard classes:

Explosive properties:	Not relevant *
Oxidising properties:	Not relevant *
Corrosive to metals:	Not relevant *
Heat of combustion:	Not relevant *
Aerosols-total percentage (by mass) of flammable components:	Not relevant *

Other safety characteristics:

Surface tension at 20 °C:	Not relevant *
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*Not relevant due to the nature of the product, not providing information property of its hazards.

** Changes with regards to the previous version

- CONTINUED ON NEXT PAGE -

AROMA CAR
Wood Lemon

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES ** (continued)

Refraction index: Not relevant *

*Not relevant due to the nature of the product, not providing information property of its hazards.

** Changes with regards to the previous version

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity:

No hazardous reactions are expected because the product is stable under recommended storage conditions. See section 7 from Safety Data Sheet.

10.2 Chemical stability:

Chemically stable under the indicated conditions of storage, handling and use.

10.3 Possibility of hazardous reactions:

Under the specified conditions, hazardous reactions that lead to excessive temperatures or pressure are not expected.

10.4 Conditions to avoid:

Applicable for handling and storage at room temperature:

Shock and friction	Contact with air	Increase in temperature	Sunlight	Humidity
Not applicable	Not applicable	Precaution	Precaution	Not applicable

10.5 Incompatible materials:

Acids	Water	Oxidising materials	Combustible materials	Others
Avoid strong acids	Not applicable	Avoid direct impact	Not applicable	Avoid alkalis or strong bases

10.6 Hazardous decomposition products:

See subsection 10.3, 10.4 and 10.5 to find out the specific decomposition products. Depending on the decomposition conditions, complex mixtures of chemical substances can be released: carbon dioxide (CO₂), carbon monoxide and other organic compounds.

SECTION 11: TOXICOLOGICAL INFORMATION **

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

The experimental information related to the toxicological properties of the product itself is not available

Contains glycols. It is recommended not to breathe the vapours for prolonged periods of time due to the possibility of effects that are hazardous to the health .

Dangerous health implications:

In case of exposure that is repetitive, prolonged or at concentrations higher than the recommended occupational exposure limits, adverse effects on health may result, depending on the means of exposure:

A- Ingestion (acute effect):

- Acute toxicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for consumption. For more information see section 3
- Corrosivity/Irritability: The consumption of a considerable dose can cause irritation in the throat, abdominal pain, nausea and vomiting.

B- Inhalation (acute effect):

- Acute toxicity : Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for inhalation. For more information see section 3.
- Corrosivity/Irritability: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

C- Contact with the skin and the eyes (acute effect):

- Contact with the skin: Produces skin inflammation.
- Contact with the eyes: Produces eye damage after contact.

D- CMR effects (carcinogenicity, mutagenicity and toxicity to reproduction):

** Changes with regards to the previous version

- CONTINUED ON NEXT PAGE -

AROMA CAR
Wood Lemon
SECTION 11: TOXICOLOGICAL INFORMATION ** (continued)

- Carcinogenicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for the effects mentioned. For more information see section 3.
IARC: 7-methyl-3-methyleneocta-1,6-diene (2B)
- Mutagenicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.
- Reproductive toxicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

E- Sensitizing effects:

- Respiratory: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous with sensitising effects. For more information see section 3.
- Skin: Prolonged contact with the skin can result in episodes of allergic contact dermatitis.

F- Specific target organ toxicity (STOT) - single exposure:

Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

G- Specific target organ toxicity (STOT)-repeated exposure:

- Specific target organ toxicity (STOT)-repeated exposure: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.
- Skin: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

H- Aspiration hazard:

Based on available data, the classification criteria are not met. However, it does contain substances classified as hazardous for this effect. For more information see section 3.

Other information:

Not relevant

Specific toxicology information on the substances:

Identification	Acute toxicity		Genus
Dipropylene Glycol Methyl Ether CAS: 34590-94-8 EC: 252-104-2	LD50 oral	>5000 mg/kg	Rat
	LD50 dermal	9510 mg/kg	Rabbit
	LC50 inhalation vapour	>20 mg/L	
Citral CAS: 5392-40-5 EC: 226-394-6	LD50 oral	>2000 mg/kg	
	LD50 dermal	2250 mg/kg	Rabbit
	LC50 inhalation vapour	>20 mg/L	
d-limonene CAS: 5989-27-5 EC: 227-813-5	LD50 oral	>2000 mg/kg	
	LD50 dermal	>2000 mg/kg	
	LC50 inhalation vapour	>20 mg/L (0 h)	
3-methoxy-3-methylbutan-1-ol CAS: 56539-66-3 EC: 260-252-4	LD50 oral	>2000 mg/kg	
	LD50 dermal	>2000 mg/kg	
	LC50 inhalation vapour	>20 mg/L	
3,7-dimethyloctan-3-ol CAS: 78-69-3 EC: 201-133-9	LD50 oral	>2000 mg/kg	
	LD50 dermal	>2000 mg/kg	
	LC50 inhalation vapour	>20 mg/L	
Decanal CAS: 112-31-2 EC: 203-957-4	LD50 oral	41750 mg/kg	Rat
	LD50 dermal	>2000 mg/kg	
	LC50 inhalation vapour	>20 mg/L	
Octanal CAS: 124-13-0 EC: 204-683-8	LD50 oral	4617 mg/kg	Rat
	LD50 dermal	5207 mg/kg	Rabbit
	LC50 inhalation vapour	>20 mg/L	
3,7-dimethylnona-2,6-dienitrile CAS: 61792-11-8 EC: 263-214-5	LD50 oral	2600 mg/kg	Rat
	LD50 dermal	>2000 mg/kg	
	LC50 inhalation vapour	>20 mg/L	

** Changes with regards to the previous version

- CONTINUED ON NEXT PAGE -

AROMA CAR
Wood Lemon
SECTION 11: TOXICOLOGICAL INFORMATION ** (continued)

Identification	Acute toxicity		Genus
(E)-2-benzylideneoctanal CAS: 165184-98-5 EC: 639-566-4	LD50 oral	3100 mg/kg	Rat
	LD50 dermal	>2000 mg/kg	
	LC50 inhalation dust	>5 mg/L	
p-mentha-1,4-diene CAS: 586-62-9 EC: 209-578-0	LD50 oral	>2000 mg/kg	
	LD50 dermal	>2000 mg/kg	
	LC50 inhalation vapour	>20 mg/L	
Citronellol CAS: 106-22-9 EC: 203-375-0	LD50 oral	3450 mg/kg	Rat
	LD50 dermal	2650 mg/kg	
	LC50 inhalation vapour	>20 mg/L	
Geraniol CAS: 106-24-1 EC: 203-377-1	LD50 oral	3600 mg/kg	
	LD50 dermal	>2000 mg/kg	
	LC50 inhalation vapour	>20 mg/L	
Reaction mass of 3,5-dimethylcyclohex-3-ene-1-carbaldehyde and 2,4-dimethylcyclohex-3-ene-1-carbaldehyde CAS: Not relevant EC: 943-728-2	LD50 oral	2330 mg/kg	
	LD50 dermal	>2000 mg/kg	
	LC50 inhalation vapour	>20 mg/L	
7-methyl-3-methyleneocta-1,6-diene CAS: 123-35-3 EC: 204-622-5	LD50 oral	>2000 mg/kg	
	LD50 dermal	>2000 mg/kg	
	LC50 inhalation vapour	>20 mg/L	
Undecanal CAS: 112-44-7 EC: 203-972-6	LD50 oral	>2000 mg/kg	
	LD50 dermal	>2000 mg/kg	
	LC50 inhalation vapour	>20 mg/L	
Acid Catalysed reaction products of 3,7-dimethyl-2,6-octadienal in the presence of ethanol CAS: Not relevant EC: 947-660-4	LD50 oral	>2000 mg/kg	
	LD50 dermal	>2000 mg/kg	
	LC50 inhalation vapour	>20 mg/L	

Acute Toxicity Estimate (ATE mix):

ATE mix		Ingredient(s) of unknown toxicity
Oral	>2000 mg/kg (Calculation method)	0 %
Dermal	>2000 mg/kg (Calculation method)	0 %
LC50 inhalation vapour	>20 mg/L (4 h) (Calculation method)	0 %

11.2 Information on other hazards:
Endocrine disrupting properties

Endocrine-disrupting properties: The product does not meet the criteria.

Other information

Not relevant

*** Changes with regards to the previous version*
SECTION 12: ECOLOGICAL INFORMATION **

The experimental information related to the eco-toxicological properties of the product itself is not available

Harmful to aquatic life with long lasting effects.

12.1 Toxicity:
Acute toxicity:

Identification	Concentration		Species	Genus
Dipropylene Glycol Methyl Ether CAS: 34590-94-8 EC: 252-104-2	LC50	10000 mg/L (96 h)	Pimephales promelas	Fish
	EC50	1919 mg/L (48 h)	Daphnia magna	Crustacean
	EC50	Not relevant		
d-limonene CAS: 5989-27-5 EC: 227-813-5	LC50	>0.1 - 1 mg/L (96 h)		Fish
	EC50	>0.1 - 1 mg/L (48 h)		Crustacean
	EC50	>0.1 - 1 mg/L (72 h)		Algae

*** Changes with regards to the previous version*

- CONTINUED ON NEXT PAGE -

AROMA CAR
Wood Lemon
SECTION 12: ECOLOGICAL INFORMATION ** (continued)

Identification	Concentration		Species	Genus
3,7-dimethyloctan-3-ol CAS: 78-69-3 EC: 201-133-9	LC50	8,9 mg/L (96 h)	Brachydanio rerio	Fish
	EC50	14,2 mg/L (48 h)	Daphnia magna	Crustacean
	EC50	21,6 mg/L (72 h)	Scenedesmus subspicatus	Algae
Decanal CAS: 112-31-2 EC: 203-957-4	LC50	>10 - 100 mg/L (96 h)		Fish
	EC50	>10 - 100 mg/L (48 h)		Crustacean
	EC50	>10 - 100 mg/L (72 h)		Algae
Octanal CAS: 124-13-0 EC: 204-683-8	LC50	13,5 mg/L (96 h)	Pimephales promelas	Fish
	EC50	1,54 mg/L (48 h)	Daphnia magna	Crustacean
	EC50	4,5 mg/L (72 h)	Pseudokirchneriella subcapitata	Algae
3,7-dimethylnona-2,6-dienitrile CAS: 61792-11-8 EC: 263-214-5	LC50	2,4 mg/L (96 h)	QSAR	Fish
	EC50	2,7 mg/L (48 h)	Daphnia magna	Crustacean
	EC50	3,6 mg/L (72 h)	Pseudokirchneriella subcapitata	Algae
(E)-2-benzylideneoctanal CAS: 165184-98-5 EC: 639-566-4	LC50	>0.1 - 1 mg/L (96 h)		Fish
	EC50	>0.1 - 1 mg/L (48 h)		Crustacean
	EC50	>0.1 - 1 mg/L (72 h)		Algae
p-mentha-1,4-diene CAS: 586-62-9 EC: 209-578-0	LC50	>0.1 - 1 mg/L (96 h)		Fish
	EC50	>0.1 - 1 mg/L (48 h)		Crustacean
	EC50	>0.1 - 1 mg/L (72 h)		Algae
Reaction mass of 3,5-dimethylcyclohex-3-ene-1-carbaldehyde and 2,4-dimethylcyclohex-3-ene-1-carbaldehyde CAS: Not relevant EC: 943-728-2	LC50	>1 - 10 mg/L (96 h)		Fish
	EC50	>1 - 10 mg/L (48 h)		Crustacean
	EC50	>1 - 10 mg/L (72 h)		Algae
7-methyl-3-methyleneocta-1,6-diene CAS: 123-35-3 EC: 204-622-5	LC50	>0.1 - 1 mg/L (96 h)		Fish
	EC50	>0.1 - 1 mg/L (48 h)		Crustacean
	EC50	>0.1 - 1 mg/L (72 h)		Algae
Undecanal CAS: 112-44-7 EC: 203-972-6	LC50	>0.1 - 1 mg/L (96 h)		Fish
	EC50	>0.1 - 1 mg/L (48 h)		Crustacean
	EC50	>0.1 - 1 mg/L (72 h)		Algae
Acid Catalysed reaction products of 3,7-dimethyl-2,6-octadienal in the presence of ethanol CAS: Not relevant EC: 947-660-4	LC50	Not relevant		
	EC50	11 mg/L (48 h)	Daphnia magna	Crustacean
	EC50	3,6 mg/L (72 h)	Pseudokirchneriella subcapitata	Algae

Chronic toxicity:

Identification	Concentration		Species	Genus
Dipropylene Glycol Methyl Ether CAS: 34590-94-8 EC: 252-104-2	NOEC	Not relevant		
	NOEC	0,5 mg/L	Daphnia magna	Crustacean

12.2 Persistence and degradability:
Substance-specific information:

Identification	Degradability		Biodegradability	
Dipropylene Glycol Methyl Ether CAS: 34590-94-8 EC: 252-104-2	BOD5	Not relevant	Concentration	Not relevant
	COD	0 g O ₂ /g	Period	28 days
	BOD5/COD	Not relevant	% Biodegradable	73 %
Citral CAS: 5392-40-5 EC: 226-394-6	BOD5	0,56 g O ₂ /g	Concentration	100 mg/L
	COD	1,99 g O ₂ /g	Period	28 days
	BOD5/COD	0,28	% Biodegradable	92 %
3,7-dimethyloctan-3-ol CAS: 78-69-3 EC: 201-133-9	BOD5	Not relevant	Concentration	Not relevant
	COD	Not relevant	Period	28 days
	BOD5/COD	Not relevant	% Biodegradable	61 %
Octanal CAS: 124-13-0 EC: 204-683-8	BOD5	Not relevant	Concentration	Not relevant
	COD	Not relevant	Period	28 days
	BOD5/COD	Not relevant	% Biodegradable	46 %

** Changes with regards to the previous version

- CONTINUED ON NEXT PAGE -

AROMA CAR
Wood Lemon

SECTION 12: ECOLOGICAL INFORMATION ** (continued)

Identification	Degradability		Biodegradability	
3,7-dimethylnona-2,6-dienenitrile CAS: 61792-11-8 EC: 263-214-5	BOD5	Not relevant	Concentration	20 mg/L
	COD	Not relevant	Period	28 days
	BOD5/COD	Not relevant	% Biodegradable	32 %
Geraniol CAS: 106-24-1 EC: 203-377-1	BOD5	Not relevant	Concentration	100 mg/L
	COD	Not relevant	Period	21 days
	BOD5/COD	Not relevant	% Biodegradable	70 %
7-methyl-3-methyleneocta-1,6-diene CAS: 123-35-3 EC: 204-622-5	BOD5	Not relevant	Concentration	100 mg/L
	COD	Not relevant	Period	14 days
	BOD5/COD	Not relevant	% Biodegradable	86 %
Acid Catalysed reaction products of 3,7-dimethyl-2,6-octadienal in the presence of ethanol CAS: Not relevant EC: 947-660-4	BOD5	Not relevant	Concentration	30 mg/L
	COD	Not relevant	Period	28 days
	BOD5/COD	Not relevant	% Biodegradable	41 %

12.3 Bioaccumulative potential:

Substance-specific information:

Identification	Bioaccumulation potential	
Dipropylene Glycol Methyl Ether CAS: 34590-94-8 EC: 252-104-2	BCF	1
	Pow Log	-0.06
	Potential	Low
Citral CAS: 5392-40-5 EC: 226-394-6	BCF	10
	Pow Log	2.76
	Potential	Low
3,7-dimethyloctan-3-ol CAS: 78-69-3 EC: 201-133-9	BCF	99
	Pow Log	3.3
	Potential	Moderate
Decanal CAS: 112-31-2 EC: 203-957-4	BCF	420
	Pow Log	3.76
	Potential	High
Octanal CAS: 124-13-0 EC: 204-683-8	BCF	100
	Pow Log	2.78
	Potential	High
3,7-dimethylnona-2,6-dienenitrile CAS: 61792-11-8 EC: 263-214-5	BCF	60
	Pow Log	3.1
	Potential	Moderate
Geraniol CAS: 106-24-1 EC: 203-377-1	BCF	110
	Pow Log	3.56
	Potential	High
7-methyl-3-methyleneocta-1,6-diene CAS: 123-35-3 EC: 204-622-5	BCF	324
	Pow Log	5.29
	Potential	High

12.4 Mobility in soil:

Identification	Absorption/desorption		Volatility	
3,7-dimethyloctan-3-ol CAS: 78-69-3 EC: 201-133-9	Koc	56	Henry	5,54 Pa·m ³ /mol
	Conclusion	Very High	Dry soil	Yes
	Surface tension	2,678E-2 N/m (25 °C)	Moist soil	Yes
Decanal CAS: 112-31-2 EC: 203-957-4	Koc	Not relevant	Henry	Not relevant
	Conclusion	Not relevant	Dry soil	Not relevant
	Surface tension	2,811E-2 N/m (25 °C)	Moist soil	Not relevant
Octanal CAS: 124-13-0 EC: 204-683-8	Koc	430	Henry	Not relevant
	Conclusion	Moderate	Dry soil	Not relevant
	Surface tension	2,733E-2 N/m (25 °C)	Moist soil	Not relevant

** Changes with regards to the previous version

- CONTINUED ON NEXT PAGE -

AROMA CAR
Wood Lemon

SECTION 12: ECOLOGICAL INFORMATION ** (continued)

Identification	Absorption/desorption		Volatility	
3,7-dimethylnona-2,6-dienenitrile CAS: 61792-11-8 EC: 263-214-5	Koc	1000	Henry	Not relevant
	Conclusion	Low	Dry soil	Not relevant
	Surface tension	Not relevant	Moist soil	Not relevant
7-methyl-3-methyleneocta-1,6-diene CAS: 123-35-3 EC: 204-622-5	Koc	1300	Henry	6515,2 Pa·m ³ /mol
	Conclusion	Low	Dry soil	Not relevant
	Surface tension	Not relevant	Moist soil	Yes
Acid Catalysed reaction products of 3,7-dimethyl-2,6-octadienal in the presence of ethanol CAS: Not relevant EC: 947-660-4	Koc	282	Henry	Not relevant
	Conclusion	Moderate	Dry soil	Not relevant
	Surface tension	5,22E-2 N/m (20 °C)	Moist soil	Not relevant

12.5 Results of PBT and vPvB assessment:

Product does not meet PBT/vPvB criteria

12.6 Endocrine disrupting properties:

Endocrine-disrupting properties: The product does not meet the criteria.

12.7 Other adverse effects:

Not described

** Changes with regards to the previous version

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods:

Code	Description	Waste class (Regulation (EU) No 1357/2014)
07 01 04*	other organic solvents, washing liquids and mother liquors	Hazardous

Type of waste (Regulation (EU) No 1357/2014):

HP14 Ecotoxic, HP4 Irritant — skin irritation and eye damage

Waste management (disposal and evaluation):

Consult the authorized waste service manager on the assessment and disposal operations in accordance with Annex 1 and Annex 2 (Directive 2008/98/EC). As under 15 01 (2014/955/EC) of the code and in case the container has been in direct contact with the product, it will be processed the same way as the actual product. Otherwise, it will be processed as non-hazardous residue. Waste should not be disposed of to drains. See paragraph 6.2.

Regulations related to waste management:

In accordance with Annex II of Regulation (EC) No 1907/2006 (REACH) the community or state provisions related to waste management are stated

Community legislation: Directive 2008/98/EC, 2014/955/EU, Regulation (EU) No 1357/2014

SECTION 14: TRANSPORT INFORMATION **

Transport of dangerous goods by land:

With regard to ADR 2025 and RID 2025:

** Changes with regards to the previous version

- CONTINUED ON NEXT PAGE -

AROMA CAR
Wood Lemon

SECTION 14: TRANSPORT INFORMATION ** (continued)

14.1 UN number or ID number:	Not relevant
14.2 UN proper shipping name:	Not relevant
14.3 Transport hazard class(es):	Not relevant
Labels:	Not relevant
14.4 Packing group:	Not relevant
14.5 Environmental hazards:	No
14.6 Special precautions for user	
Special regulations:	Not relevant
Tunnel restriction code:	Not relevant
Physico-Chemical properties:	see section 9
Limited quantities:	Not relevant
14.7 Maritime transport in bulk according to IMO instruments:	Not relevant

Transport of dangerous goods by sea:

With regard to IMDG 41-22:

14.1 UN number or ID number:	Not relevant
14.2 UN proper shipping name:	Not relevant
14.3 Transport hazard class(es):	Not relevant
Labels:	Not relevant
14.4 Packing group:	Not relevant
14.5 Marine pollutant:	No
14.6 Special precautions for user	
Special regulations:	Not relevant
EmS Codes:	
Physico-Chemical properties:	see section 9
Limited quantities:	Not relevant
Segregation group:	Not relevant
14.7 Maritime transport in bulk according to IMO instruments:	Not relevant

Transport of dangerous goods by air:

With regard to IATA/ICAO 2025:

14.1 UN number or ID number:	Not relevant
14.2 UN proper shipping name:	Not relevant
14.3 Transport hazard class(es):	Not relevant
Labels:	Not relevant
14.4 Packing group:	Not relevant
14.5 Environmental hazards:	No
14.6 Special precautions for user	
Physico-Chemical properties:	see section 9
14.7 Maritime transport in bulk according to IMO instruments:	Not relevant

** Changes with regards to the previous version

SECTION 15: REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture:

- Article 95, REGULATION (EU) No 528/2012: *Geraniol (106-24-1) - PT: (18,19)*
- Candidate substances for authorisation under the Regulation (EC) No 1907/2006 (REACH): Not relevant
- Regulation (EU) 2019/1021 on persistent organic pollutants: Not relevant
- Regulation (EU) No 2024/590, about substances that deplete the ozone layer: Not relevant
- REGULATION (EU) No 649/2012, in relation to the import and export of hazardous chemical products: Not relevant
- Substances included in Annex XIV of REACH ("Authorisation List") and sunset date: Not relevant

- CONTINUED ON NEXT PAGE -

AROMA CAR
Wood Lemon**SECTION 15: REGULATORY INFORMATION (continued)****Seveso III:**

Not relevant

Limitations to commercialisation and the use of certain dangerous substances and mixtures (Annex XVII REACH, etc):

Shall not be used in:

- ornamental articles intended to produce light or colour effects by means of different phases, for example in ornamental lamps and ashtrays,
- tricks and jokes,
- games for one or more participants, or any article intended to be used as such, even with ornamental aspects.

Specific provisions in terms of protecting people or the environment:

It is recommended to use the information included in this safety data sheet as a basis for conducting workplace-specific risk assessments in order to establish the necessary risk prevention measures for the handling, use, storage and disposal of this product.

Other legislation:

The product could be affected by sectorial legislation

15.2 Chemical safety assessment:

The supplier has not carried out evaluation of chemical safety.

SECTION 16: OTHER INFORMATION ****Legislation related to safety data sheets:**

The SDS shall be supplied in an official language of the country where the product is placed on the market. This safety data sheet has been designed in accordance with ANNEX II-Guide to the compilation of safety data sheets of Regulation (EC) No 1907/2006 (COMMISSION REGULATION (EU) 2020/878).

Modifications related to the previous Safety Data Sheet which concerns the ways of managing risks.:

** Changes with regards to the previous version

SECTION 16: OTHER INFORMATION ** (continued)

COMPOSITION/INFORMATION ON INGREDIENTS (SECTION 3, SECTION 11, SECTION 12):

- New declared substances
 - Citral (5392-40-5)
 - d-limonene (5989-27-5)
 - (E)-2-benzylideneoctanal (165184-98-5)
 - p-mentha-1,4-diene (586-62-9)
 - Reaction mass of 3,5-dimethylcyclohex-3-ene-1-carbaldehyde and 2,4-dimethylcyclohex-3-ene-1-carbaldehyde
 - Undecanal (112-44-7)
 - Acid Catalysed reaction products of 3,7-dimethyl-2,6-octadienal in the presence of ethanol
- Removed substances
 - (E)-2-benzylideneoctanal (165184-98-5)
 - d-limonene (5989-27-5)
 - citral (5392-40-5)
 - Reaction mass of 3,5-dimethylcyclohex-3-ene-1-carbaldehyde and 2,4-dimethylcyclohex-3-ene-1-carbaldehyde
 - Citrathal (147060-73-9)
 - P-mentha-1,4(8)-diene (586-62-9)

Substances that contribute to the classification (SECTION 2):

- New declared substances
 - d-limonene (5989-27-5)
 - (E)-2-benzylideneoctanal (165184-98-5)
- Removed substances
 - (E)-2-benzylideneoctanal (165184-98-5)
 - d-limonene (5989-27-5)

CLP Regulation (EC) No 1272/2008 (SECTION 2, SECTION 16):

- Pictograms
- Hazard statements
- Precautionary statements
- Substances contained in EUH208:
 - New declared substances
 - Citral (5392-40-5)
 - Acid Catalysed reaction products of 3,7-dimethyl-2,6-octadienal in the presence of ethanol
 - p-mentha-1,4-diene (586-62-9)
 - Reaction mass of 3,5-dimethylcyclohex-3-ene-1-carbaldehyde and 2,4-dimethylcyclohex-3-ene-1-carbaldehyde
 - Removed substances
 - citral (5392-40-5)
 - Reaction mass of 3,5-dimethylcyclohex-3-ene-1-carbaldehyde and 2,4-dimethylcyclohex-3-ene-1-carbaldehyde
 - Citrathal (147060-73-9)
 - P-mentha-1,4(8)-diene (586-62-9)

Information on basic physical and chemical properties (SECTION 9):

- Flash Point

TRANSPORT INFORMATION (SECTION 14):

- UN number
- Packing group

Texts of the legislative phrases mentioned in section 2:

H315: Causes skin irritation.
 H317: May cause an allergic skin reaction.
 H412: Harmful to aquatic life with long lasting effects.
 H319: Causes serious eye irritation.

Texts of the legislative phrases mentioned in section 3:

The phrases indicated do not refer to the product itself; they are present merely for informative purposes and refer to the individual components which appear in section 3

CLP Regulation (EC) No 1272/2008:

SECTION 16: OTHER INFORMATION ** (continued)

Aquatic Acute 1: H400 - Very toxic to aquatic life.
 Aquatic Chronic 1: H410 - Very toxic to aquatic life with long lasting effects.
 Aquatic Chronic 2: H411 - Toxic to aquatic life with long lasting effects.
 Aquatic Chronic 3: H412 - Harmful to aquatic life with long lasting effects.
 Asp. Tox. 1: H304 - May be fatal if swallowed and enters airways.
 Eye Dam. 1: H318 - Causes serious eye damage.
 Eye Irrit. 2: H319 - Causes serious eye irritation.
 Flam. Liq. 2: H225 - Highly flammable liquid and vapour.
 Flam. Liq. 3: H226 - Flammable liquid and vapour.
 Skin Irrit. 2: H315 - Causes skin irritation.
 Skin Sens. 1: H317 - May cause an allergic skin reaction.
 Skin Sens. 1B: H317 - May cause an allergic skin reaction.

Classification procedure:

Skin Irrit. 2: Calculation method
 Skin Sens. 1B: Calculation method
 Aquatic Chronic 3: Calculation method
 Eye Irrit. 2: Calculation method

Advice related to training:

Training is recommended in order to prevent industrial risks for staff using this product and to facilitate their comprehension and interpretation of this safety data sheet, as well as the label on the product.

Principal bibliographical sources:

<http://echa.europa.eu>
<http://eur-lex.europa.eu>

Abbreviations and acronyms:

ADR: European agreement concerning the international carriage of dangerous goods by road
 IMDG: International maritime dangerous goods code
 IATA: International Air Transport Association
 ICAO: International Civil Aviation Organisation
 COD: Chemical Oxygen Demand
 BOD5: 5day biochemical oxygen demand
 BCF: Bioconcentration factor
 LD50: Lethal Dose 50
 LC50: Lethal Concentration 50
 EC50: Effective concentration 50
 LogPOW: Octanolwater partition coefficient
 Koc: Partition coefficient of organic carbon
 UFI: unique formula identifier
 IARC: International Agency for Research on Cancer

*** Changes with regards to the previous version*

The information contained in this safety data sheet is based on sources, technical knowledge and current legislation at European and state level, without being able to guarantee its accuracy. This information cannot be considered a guarantee of the properties of the product, it is simply a description of the security requirements. The occupational methodology and conditions for users of this product are not within our awareness or control, and it is ultimately the responsibility of the user to take the necessary measures to obtain the legal requirements concerning the manipulation, storage, use and disposal of chemical products. The information on this safety data sheet only refers to this product, which should not be used for needs other than those specified.

- END OF SAFETY DATA SHEET -