

52868 - AUCKLAND



SAFETY DATA SHEET

(REACH regulation (EC) n° 1907/2006 - n° 2020/878)

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

1.1. Product identifier

Product name : AUCKLAND

Product code : 52868

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

Concentrated perfume composition free from alcohol.

For industrial and professional use only.

Use: Perfumes, cosmetics and detergents.

1.3. Details of the supplier of the safety data sheet

Registered company name : PARFUMS PLUS FRANCE

Address : Parc d'activité de la Sarrée - Route de Gourdon 06620 Le Bar-sur-Loup FRANCE

Telephone : 04 93 36 51 94 Fax : 04 93 36 61 93

info@parfumsplus.com

http://www.parfumsplus.com

mailto: legislation@parfumsplus.com

1.4. Emergency telephone number : +33 (0)1 45 42 59 59.

Association/Organisation : INRS / ORFILA <http://www.centres-antipoison.net>.

SECTION 2 : HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

In compliance with EC regulation No. 1272/2008 and its amendments.

Skin irritation, Category 2 (Skin Irrit. 2, H315).

Eye irritation, Category 2 (Eye Irrit. 2, H319).

Skin sensitisation, Category 1 (Skin Sens. 1, H317).

Hazardous to the aquatic environment - Chronic hazard, Category 2 (Aquatic Chronic 2, H411).

This mixture does not present a physical hazard. Refer to the recommendations regarding the other products present on the site.

2.2. Label elements

In compliance with EC regulation No. 1272/2008 and its amendments.

Hazard pictograms :



GHS09



GHS07

Signal Word :

WARNING

Product identifiers :

EC 204-116-4

LINALYL ACETATE

601-096-00-2

(R)-P-MENTHA-1,8-DIENE

EC 233-732-6

3,7-DIMETHYL-1,6-NONADIEN-3-OL

603-235-00-2

LINALOOL

EC 251-020-3

ACETYL CEDRENE

EC 259-174-3

1-(1,2,3,4,5,6,7,8-OCTAHYDRO-2,3,8,8-TETRAMETHYL-2-NAPHTHALENYL)ETHANONE

EC 214-881-6

ALPHA-METHYL-1,3-BENZODIOXOLE-5-PROPIONALDEHYDE

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EC 204-872-5	BETA-PINENE
EC 215-635-0	METHYL IONONE (MIXTURE OF ISOMERS)
EC 204-262-9	BENZYL SALICYLATE
EC 201-291-9	ALPHA-PINENE
605-019-00-3	CITRAL
603-241-00-5	GERANIOL
EC 203-375-0	DL-CITRONELLOL
EC 201-134-4	LINALOOL
EC 225-193-0	METHYL ATRARATE

Hazard statements :

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 :

P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P264	Wash hands thoroughly after handling.
P273	Avoid release to the environment.
P280	Wear protective gloves/protective clothing/eye protection/face protection.

Precautionary statements - Response :

P302 + P352	IF ON SKIN: Wash with plenty of water and soap.
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P332 + P313	If skin irritation occurs: Get medical advice/attention.
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.

Precautionary statements - Disposal :

P501	Dispose of the contents/container in a hazardous or special waste collection centre in accordance with local, regional, national and/or international regulations.
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2.3. Other hazards

The mixture does not contain substances classified as 'Substances of Very High Concern' (SVHC) $\geq 0.1\%$ published by the European CHemicals Agency (ECHA) under article 59 of REACH: <http://echa.europa.eu/fr/candidate-list-table>

The mixture fulfils neither the PBT nor the vPvB criteria for mixtures in accordance with annexe XIII of the REACH regulations EC 1907/2006.

The mixture does not contain substances $\geq 0.1\%$ with endocrine disrupting properties in accordance with the criteria of the Delegated Regulation (EU) 2017/2100 of the Commission or Regulation (EU) 2018/605 of the Commission.

SECTION 3 : COMPOSITION/INFORMATION ON INGREDIENTS**3.2. Mixtures****Composition :**

Identification	Classification (EC) 1272/2008	Note	%
INDEX: I115_95_7 CAS: 115-95-7 EC: 204-116-4 REACH: 01-2119454789-19-0001 LINALYL ACETATE	GHS07 Wng Skin Irrit. 2, H315 Skin Sens. 1B, H317 Eye Irrit. 2, H319		5 $\leq$ x% < 8
INDEX: 601-096-00-2 CAS: 5989-27-5 EC: 227-813-5 REACH: 01-2119529223-47-00XX (R)-P-MENTHA-1,8-DIENE	GHS02, GHS07, GHS08, GHS09 Dgr Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1B, H317 Asp. Tox. 1, H304		5 $\leq$ x% < 8

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	Aquatic Chronic 3, H412 Aquatic Acute 1, H400 M Acute = 1		
INDEX: 10339_55_6 CAS: 10339-55-6 EC: 233-732-6 REACH: 01-2119969272-32-000X 3,7-DIMETHYL-1,6-NONADIEN-3-OL	GHS07 Wng Skin Irrit. 2, H315 Skin Sens. 1B, H317 Eye Irrit. 2, H319		5 <= x % < 8
INDEX: 603-235-00-2 CAS: 78-70-6 EC: 201-134-4 REACH: 01-2119474016-42-0000 LINALOOL	GHS07 Wng Skin Sens. 1B, H317		5 <= x % < 8
INDEX: I603212007 CAS: 1222-05-5 EC: 214-946-9 REACH: 01-2119488227-29-000X 1,3,4,6,7,8-HEXAHYDRO-4,6,6,7,8,8- HEXAMETHYLCYCLOPENTA-GAMMA-2- BENZOPYRAN	GHS09 Wng Aquatic Acute 1, H400 M Acute = 1 Aquatic Chronic 1, H410 M Chronic = 1		2.5 <= x % < 5
INDEX: I32388_55_9 CAS: 32388-55-9 EC: 251-020-3 REACH: 01-2119969651-28-XXXX ACETYL CEDRENE	GHS07, GHS09 Wng Skin Sens. 1B, H317 Aquatic Acute 1, H400 M Acute = 1 Aquatic Chronic 1, H410 M Chronic = 1		2.5 <= x % < 5
INDEX: I54464_57_2 CAS: 54464-57-2 EC: 259-174-3 REACH: 01-2119489989-04-XXXX 1-(1,2,3,4,5,6,7,8-OCTAHYDRO-2,3,8,8- TETRAMETHYL-2-NAPHTHALENYL)ETHANONE	GHS07, GHS09 Wng Skin Irrit. 2, H315 Skin Sens. 1B, H317 Aquatic Chronic 1, H410 M Chronic = 1		1 <= x % < 2.5
INDEX: I18479_58_8 CAS: 18479-58-8 EC: 242-362-4 REACH: 01-2119457274-37-0008 DIHYDROMYRCENOL	GHS07 Wng Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H336		1 <= x % < 2.5
INDEX: I1506_02_1 CAS: 1506-02-1 EC: 216-133-4 REACH: 01-2119539433-40-XXXX 1-(5,6,7,8-TETRAHYDRO-3,5,5,6,8,8- HEXAMETHYL-2-NAPHTHYL)ETHAN-1-ONE (FIXOLID)	GHS07, GHS09 Wng Acute Tox. 4, H302 Aquatic Acute 1, H400 M Acute = 1 Aquatic Chronic 1, H410 M Chronic = 1		1 <= x % < 2.5
INDEX: I1205_17_0 CAS: 1205-17-0 EC: 214-881-6 REACH: 01-2120740119-58-XXXX ALPHA-METHYL-1,3-BENZODIOXOLE-5- PROPIONALDEHYDE	GHS07, GHS08, GHS09 Wng Skin Sens. 1B, H317 Repr. 2, H361 Aquatic Chronic 2, H411	[ii]	1 <= x % < 2.5
INDEX: I127_91_3 CAS: 127-91-3 EC: 204-872-5 REACH: 01-2119519230-54-XXXX BETA-PINENE	GHS02, GHS07, GHS08, GHS09 Dgr Flam. Liq. 3, H226 Asp. Tox. 1, H304 Skin Irrit. 2, H315 Skin Sens. 1B, H317 Aquatic Acute 1, H400		1 <= x % < 2.5

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	M Acute = 1 Aquatic Chronic 1, H410 M Chronic = 1		
INDEX: 603-101-00-3 EC: 405-040-6 REACH: 01-0000015458-64-0004 TETRAHYDRO-2-ISOBUTYL-4-METHYLPYRAN-4-OL, MIXED ISOMERS (CIS AND TRANS)	GHS07 Wng Eye Irrit. 2, H319		1 <= x % < 2.5
INDEX: I99_85_4 CAS: 99-85-4 EC: 202-794-6 REACH: 01-2120780478-40-XXXX P-MENTHA-1,4-DIENE	GHS02, GHS08, GHS09 Dgr Flam. Liq. 3, H226 Asp. Tox. 1, H304 Repr. 2, H361 Aquatic Chronic 2, H411	[ii]	1 <= x % < 2.5
INDEX: 1335_46_2 CAS: 1335-46-2 EC: 215-635-0 REACH: 01-2119471851-35-000X METHYL IONONE (MIXTURE OF ISOMERS)	GHS07, GHS09 Wng Skin Irrit. 2, H315 Skin Sens. 1B, H317 Eye Irrit. 2, H319 Aquatic Chronic 2, H411		0.1 <= x % < 1
INDEX: I118_58_1 CAS: 118-58-1 EC: 204-262-9 REACH: 01-2119969442-31-XXXX BENZYL SALICYLATE	GHS07 Wng Skin Sens. 1B, H317 Eye Irrit. 2, H319 Aquatic Chronic 3, H412		0.1 <= x % < 1
INDEX: I128_37_0 CAS: 128-37-0 EC: 204-881-4 REACH: 01-2119565113-46-XXX BUTYLATED HYDROXYTOLUENE	GHS09 Wng Aquatic Acute 1, H400 M Acute = 1 Aquatic Chronic 1, H410 M Chronic = 1	[i]	0.1 <= x % < 1
INDEX: I80_56_8 CAS: 80-56-8 EC: 201-291-9 REACH: 01-2119519223-49-XXXX ALPHA-PINENE	GHS02, GHS07, GHS08, GHS09 Dgr Flam. Liq. 3, H226 Acute Tox. 4, H302 Asp. Tox. 1, H304 Skin Irrit. 2, H315 Skin Sens. 1B, H317 Aquatic Acute 1, H400 M Acute = 1 Aquatic Chronic 1, H410 M Chronic = 1		0.1 <= x % < 1
INDEX: 605-019-00-3 CAS: 5392-40-5 EC: 226-394-6 REACH: 01-2119462829-23-0002 CITRAL	GHS07 Wng Skin Irrit. 2, H315 Skin Sens. 1, H317		0.1 <= x % < 1
INDEX: I123_35_3 CAS: 123-35-3 EC: 204-622-5 REACH: 01-2119514321-56-XXXX MYRCENE	GHS02, GHS07, GHS08, GHS09 Dgr Flam. Liq. 3, H226 Asp. Tox. 1, H304 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Aquatic Chronic 2, H411 Aquatic Acute 1, H400 M Acute = 1		0.1 <= x % < 1
INDEX: 603-241-00-5	GHS07		0.1 <= x % < 1

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CAS: 106-24-1 EC: 203-377-1 GERANIOL	Wng Skin Sens. 1, H317		
INDEX: I106_22_9 CAS: 106-22-9 EC: 203-375-0 REACH: 01-2119453995-23-XXXX DL-CITRONELLOL	GHS07 Wng Skin Irrit. 2, H315 Skin Sens. 1B, H317 Eye Irrit. 2, H319		0.1 <= x % < 1
INDEX: I78_70_6 CAS: 78-70-6 EC: 201-134-4 REACH: 01-2119474016-42-0000 LINALOOL	GHS07 Wng Skin Irrit. 2, H315 Skin Sens. 1B, H317 Eye Irrit. 2, H319		0.1 <= x % < 1
INDEX: I34902_57_3 CAS: 34902-57-3 EC: 422-320-3 REACH: 01-0000016883-62-XXXX OXACYCLOHEXADECEN-2-ONE	GHS09 Wng Aquatic Chronic 2, H411 Aquatic Acute 1, H400 M Acute = 1		0.1 <= x % < 1
INDEX: I4707_47_5 CAS: 4707-47-5 EC: 225-193-0 REACH: 01-2120762759-36-XXXX METHYL ATRARATE	GHS07 Wng Skin Sens. 1B, H317		0.1 <= x % < 1
INDEX: I76_22_2 CAS: 76-22-2 EC: 200-945-0 REACH: 01-2119966156-31-XXXX 1,7,7-TRIMETHYLBICYCLO[2.2.1]HEPTAN-2-ONE	GHS02, GHS05, GHS07, GHS08, GHS09 Dgr 228 Acute Tox. 4, H302 Skin Irrit. 2, H315 Eye Dam. 1, H318 Acute Tox. 4, H332 STOT SE 2, H371 Aquatic Chronic 2, H411	[i]	0 < x % < 0.01
INDEX: 607-022-00-5 CAS: 141-78-6 EC: 205-500-4 REACH: 01-2119475103-46-XXXX ETHYL ACETATE	GHS02, GHS07 Dgr Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336 EUH066	[i]	0 < x % < 0.005

Specific concentration limits:

Identification	Specific concentration limits	ATE
INDEX: I0339_55_6 CAS: 10339-55-6 EC: 233-732-6 REACH: 01-2119969272-32-000X 3,7-DIMETHYL-1,6-NONADIEN-3-OL		oral: ATE = 5000 mg/kg BW
INDEX: I32388_55_9 CAS: 32388-55-9 EC: 251-020-3 REACH: 01-2119969651-28-XXXX ACETYL CEDRENE		oral: ATE = 4500 mg/kg BW
INDEX: I18479_58_8 CAS: 18479-58-8 EC: 242-362-4 REACH: 01-2119457274-37-0008 DIHYDROMYRCENOL		oral: ATE = 3020 mg/kg BW
INDEX: I1506_02_1		oral: ATE = 1000 mg/kg BW

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CAS: 1506-02-1 EC: 216-133-4 REACH: 01-2119539433-40-XXXX 1-(5,6,7,8-TETRAHYDRO-3,5,5,6,8,8- HEXAMETHYL-2-NAPHTHYL)ETHAN-1-ONE (FIXOLID)		
INDEX: I1205_17_0 CAS: 1205-17-0 EC: 214-881-6 REACH: 01-2120740119-58-XXXX ALPHA-METHYL-1,3-BENZODIOXOLE-5- PROPIONALDEHYDE		oral: ATE = 3562 mg/kg BW
INDEX: I99_85_4 CAS: 99-85-4 EC: 202-794-6 REACH: 01-2120780478-40-XXXX P-MENTHA-1,4-DIENE		oral: ATE = 3650 mg/kg BW
INDEX: I118_58_1 CAS: 118-58-1 EC: 204-262-9 REACH: 01-2119969442-31-XXXX BENZYL SALICYLATE		oral: ATE = 2200 mg/kg BW
INDEX: I106_22_9 CAS: 106-22-9 EC: 203-375-0 REACH: 01-2119453995-23-XXXX DL-CITRONELLOL		dermal: ATE = 2650 mg/kg BW oral: ATE = 3450 mg/kg BW
INDEX: I78_70_6 CAS: 78-70-6 EC: 201-134-4 REACH: 01-2119474016-42-0000 LINALOOL		oral: ATE = 2790 mg/kg BW
INDEX: I76_22_2 CAS: 76-22-2 EC: 200-945-0 REACH: 01-2119966156-31-XXXX 1,7,7-TRIMETHYLBICYCLO[2.2.1]HEPTAN-2-ONE		oral: ATE = 1500 mg/kg BW

Information on ingredients :

(Full text of H-phrases: see section 16)

[i] Substance for which maximum workplace exposure limits are available.

[ii] Carcinogenic, mutagenic or reprotoxic (CMR) substance.

SECTION 4 : FIRST AID MEASURES

As a general rule, in case of doubt or if symptoms persist, always call a doctor.

NEVER induce swallowing by an unconscious person.

4.1. description of first aid measures**In the event of splashes or contact with eyes :**

Wash thoroughly with fresh, clean water for 15 minutes holding the eyelids open.

If there is any redness, pain or visual impairment, consult an ophthalmologist.

In the event of splashes or contact with skin :

Remove contaminated clothing and wash the skin thoroughly with soap and water or a recognised cleaner.

Watch out for any remaining product between skin and clothing, watches, shoes, etc.

In the event of an allergic reaction, seek medical attention.

If the contaminated area is widespread and/or there is damage to the skin, a doctor must be consulted or the patient transferred to hospital.

In the event of swallowing :

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Do not give the patient anything orally.

In the event of swallowing, if the quantity is small (no more than one mouthful), rinse the mouth with water and consult a doctor.

Seek medical attention immediately, showing the label.

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

No data available.

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

No data available.

SECTION 5 : FIREFIGHTING MEASURES

Non-flammable.

5.1. Extinguishing media

5.2. Special hazards arising from the substance or mixture

A fire will often produce a thick black smoke. Exposure to decomposition products may be hazardous to health.

Do not breathe in smoke.

In the event of a fire, the following may be formed :

- carbon monoxide (CO)
- carbon dioxide (CO₂)

5.3. Advice for firefighters

No data available.

SECTION 6 : ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Consult the safety measures listed under headings 7 and 8.

For non first aid worker

Avoid any contact with the skin and eyes.

For first aid worker

First aid workers will be equipped with suitable personal protective equipment (See section 8).

6.2. Environmental precautions

Contain and control the leaks or spills with non-combustible absorbent materials such as sand, earth, vermiculite, diatomaceous earth in drums for waste disposal.

Prevent any material from entering drains or waterways.

6.3. Methods and material for containment and cleaning up

Clean preferably with a detergent, do not use solvents.

6.4. Reference to other sections

No data available.

SECTION 7 : HANDLING AND STORAGE

Requirements relating to storage premises apply to all facilities where the mixture is handled.

Individuals with a history of skin sensitisation should not, under any circumstance, handle this mixture.

7.1. Precautions for safe handling

Always wash hands after handling.

Remove and wash contaminated clothing before re-using.

Fire prevention :

Prevent access by unauthorised personnel.

Recommended equipment and procedures :

For personal protection, see section 8.

Observe precautions stated on label and also industrial safety regulations.

Avoid skin and eye contact with this mixture.

Prohibited equipment and procedures :

No smoking, eating or drinking in areas where the mixture is used.

7.2. Conditions for safe storage, including any incompatibilities

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No data available.

Packaging

Always keep in packaging made of an identical material to the original.

7.3. Specific end use(s)

No data available.

SECTION 8 : EXPOSURE CONTROLS/PERSONAL PROTECTION**8.1. Control parameters****Occupational exposure limits :**

- European Union :

CAS	VME-mg/m3 :	VME-ppm :	VLE-mg/m3 :	VLE-ppm :	Notes :
141-78-6	734	200	1468	400	-

- UK :

CAS	TWA :	STEL :	Ceiling :	Definition :	Criteria :
128-37-0	10 mg/m3				
76-22-2	2 ppm 13 mg/m3	3 ppm 19 mg/m3			
141-78-6	200 ppm 734 mg/m3	400 ppm 1468 mg/m3			

8.2. Exposure controls**Personal protection measures, such as personal protective equipment**

Pictogram(s) indicating the obligation of wearing personal protective equipment (PPE) :



Use personal protective equipment that is clean and has been properly maintained.

Store personal protective equipment in a clean place, away from the work area.

Never eat, drink or smoke during use. Remove and wash contaminated clothing before re-using. Ensure that there is adequate ventilation, especially in confined areas.

- Eye / face protection

Avoid contact with eyes.

Use eye protectors designed to protect against liquid splashes

Before handling, wear safety goggles with protective sides accordance with standard ISO 16321.

In the event of high danger, protect the face with a face shield.

Prescription glasses are not considered as protection.

Individuals wearing contact lenses should wear prescription glasses during work where they may be exposed to irritant vapours.

Provide eyewash stations in facilities where the product is handled constantly.

- Hand protection

Use suitable protective gloves that are resistant to chemical agents in accordance with standard EN ISO 374-1.

Gloves must be selected according to the application and duration of use at the workstation.

Protective gloves need to be selected according to their suitability for the workstation in question : other chemical products that may be handled, necessary physical protections (cutting, pricking, heat protection), level of dexterity required.

- Body protection

Avoid skin contact.

Wear suitable protective clothing.

Suitable type of protective clothing :

In the event of substantial spatter, wear liquid-tight protective clothing against chemical risks (type 3) in accordance with EN14605/A1 to prevent skin contact.

In the event of a risk of splashing, wear protective clothing against chemical risks (type 6) in accordance with EN13034/A1 to prevent skin contact.

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Work clothing worn by personnel shall be laundered regularly.

After contact with the product, all parts of the body that have been soiled must be washed.

SECTION 9 : PHYSICAL AND CHEMICAL PROPERTIES**9.1. Information on basic physical and chemical properties****Physical state**

Physical state : Fluid liquid.

Colour

Color: YELLOW

Odour

Odour threshold : Not stated.

Odour: CITRUSY WOODY

Melting point

Melting point/melting range : Not relevant.

Freezing point

Freezing point / Freezing range : Not stated.

Boiling point or initial boiling point and boiling range

Boiling point/boiling range : Not relevant.

Flammability

Flammability (solid, gas) : Not stated.

Lower and upper explosion limit

Explosive properties, lower explosivity limit (%) : Not stated.

Explosive properties, upper explosivity limit (%) : Not stated.

Flash point

Flash Point Interval : 60°C < FP ≤ 93°C
Method for determining the flash point:

ISO 2719 : 2016 (Pensky-Martens method in closed cup)

Auto-ignition temperature

Self-ignition temperature : Not relevant.

Decomposition temperature

Decomposition point/decomposition range : Not relevant.

pH

pH (aqueous solution) : Not stated.

pH : Not relevant.

Kinematic viscosity

Viscosity : Not stated.

Viscosity: $\nu < 7 \text{ mm}^2/\text{s}$ (40°C)

Solubility

Water solubility : Insoluble.

Fat solubility : Not stated.

Partition coefficient n-octanol/water (log value)

Partition coefficient: n-octanol/water : Not stated.

Vapour pressure

Vapour pressure (50°C) : Below 110 kPa (1.10 bar).

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Density and/or relative density

Density : 0.9431/0.9631@20°C
Method for determining the density :

OECD Guideline 109

Relative vapour density

Vapour density : Not stated.

Particle characteristics

The mixture does not contain nanoforms.

9.2. Other information

Index of refraction : 1.4625/1.4725@20°C
Method of determining the refractive index :

% VOC : 2.5687

9.2.1. Information with regard to physical hazard classes

No data available.

9.2.2. Other safety characteristics

No data available.

SECTION 10 : STABILITY AND REACTIVITY**10.1. Reactivity**

No data available.

10.2. Chemical stability

This mixture is stable under the recommended handling and storage conditions in section 7.

10.3. Possibility of hazardous reactions

No data available.

10.4. Conditions to avoid

No data available.

10.5. Incompatible materials

No data available.

10.6. Hazardous decomposition products

The thermal decomposition may release/form :
- carbon monoxide (CO)
- carbon dioxide (CO₂)

SECTION 11 : TOXICOLOGICAL INFORMATION**11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008****11.1.1. Substances****a) Acute toxicity :**

1,7,7-TRIMETHYLBICYCLO[2.2.1]HEPTAN-2-ONE (CAS:
76-22-2)

Oral route : LD50 = 1500 mg/kg body weight

LINALOOL (CAS: 78-70-6)

Oral route : LD50 = 2790 mg/kg body weight

DL-CITRONELLOL (CAS: 106-22-9)

Oral route : LD50 = 3450 mg/kg body weight

Dermal route : LD50 = 2650 mg/kg body weight

BENZYL SALICYLATE (CAS: 118-58-1)

Oral route : LD50 = 2200 mg/kg body weight

P-MENTHA-1,4-DIENE (CAS: 99-85-4)

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Oral route :

LD50 = 3650 mg/kg body weight

ALPHA-METHYL-1,3-BENZODIOXOLE-5-
PROPIONALDEHYDE (CAS: 1205-17-0)

Oral route :

LD50 = 3562 mg/kg body weight

1-(5,6,7,8-TETRAHYDRO-3,5,5,6,8,8-HEXAMETHYL-2-
NAPHTHYL)ETHAN-1-ONE (FIXOLID) (CAS: 1506-02-1)

Oral route :

LD50 = 1000 mg/kg body weight

DIHYDROMYRCENOL (CAS: 18479-58-8)

Oral route :

LD50 = 3020 mg/kg body weight

ACETYL CEDRENE (CAS: 32388-55-9)

Oral route :

LD50 = 4500 mg/kg body weight

3,7-DIMETHYL-1,6-NONADIEN-3-OL (CAS: 10339-55-6)

Oral route :

LD50 = 5000 mg/kg body weight

b) Skin corrosion/skin irritation :

No data available.

c) Serious damage to eyes/eye irritation :

No data available.

d) Respiratory or skin sensitisation :

No data available.

e) Germ cell mutagenicity :

No data available.

f) Carcinogenicity :

No data available.

g) Reproductive toxicant :

No data available.

h) Specific target organ systemic toxicity - single exposure :

No data available.

i) Specific target organ systemic toxicity - repeated exposure :

No data available.

j) Aspiration hazard :

No data available.

11.1.2. Mixture

11.1.2.1 Information on hazard classes

a) Acute toxicity :

Oral route : No data available.

Dermal route : No data available.

Inhalation route (Dusts/mist) : No data available.

b) Skin corrosion/skin irritation :

May cause irreversible damage to the skin; namely inflammation of the skin or the formation of erythema and eschar or oedema following exposure up to four hours.

c) Serious damage to eyes/eye irritation :

May have reversible effects on the eyes, such as eye irritation which is totally reversible by the end of observation at 21 days.

d) Respiratory or skin sensitisation :

May cause an allergic reaction by skin contact.

e) Germ cell mutagenicity :

No data available.

f) Carcinogenicity :

No data available.

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g) Reproductive toxicant :

No data available.

h) Specific target organ systemic toxicity - single exposure :

No data available.

i) Specific target organ systemic toxicity - repeated exposure :

No data available.

j) Aspiration hazard :

No data available.

11.1.2.2 Other information

Monograph(s) from the IARC (International Agency for Research on Cancer) :

CAS 93-15-2 : IARC Group 2A : The agent is probably carcinogenic to humans.

CAS 97-53-0 : IARC Group 3 : The agent is not classifiable as to its carcinogenicity to humans.

CAS 123-35-3 : IARC Group 2B : The agent is possibly carcinogenic to humans.

CAS 128-37-0 : IARC Group 3 : The agent is not classifiable as to its carcinogenicity to humans.

CAS 5989-27-5 : IARC Group 3 : The agent is not classifiable as to its carcinogenicity to humans.

11.2. Information on other hazards

Endocrine disrupting properties

The mixture does not contain any substance evaluated as an endocrine disruptor with effects on human health.

SECTION 12 : ECOLOGICAL INFORMATION

Toxic to aquatic life with long lasting effects.

The product must not be allowed to run into drains or waterways.

12.1. Toxicity

12.1.2. Mixtures

No aquatic toxicity data available for the mixture.

12.2. Persistence and degradability

No data available.

12.3. Bioaccumulative potential

No data available.

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

No data available.

12.6. Endocrine disrupting properties

The mixture does not contain any substance evaluated as an endocrine disruptor with environmental effects.

12.7. Other adverse effects

No data available.

German regulations concerning the classification of hazards for water (WGK, AwSV Annex I, KBws) :

WGK 3 : Extremely hazardous for water.

SECTION 13 : DISPOSAL CONSIDERATIONS

Proper waste management of the mixture and/or its container must be determined in accordance with Directive 2008/98/EC.

13.1. Waste treatment methods

Do not pour into drains or waterways.

Waste :

Waste management is carried out without endangering human health, without harming the environment and, in particular without risk to water, air, soil, plants or animals.

Recycle or dispose of waste in compliance with current legislation, via a certified collector or company.

Do not contaminate the ground or water with waste, do not dispose of waste into the environment.

Soiled packaging :

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Empty container completely. Keep label(s) on container.
Give to a certified disposal contractor.

SECTION 14 : TRANSPORT INFORMATION

Transport product in compliance with provisions of the ADR for road, RID for rail, IMDG for sea and ICAO/IATA for air transport (ADR 2023 - IMDG 2022 [41-22] - ICAO/IATA 2024 [65]).

14.1. UN number or ID number

3082

14.2. UN proper shipping name

UN3082=ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
((r)-p-mentha-1,8-diene)

14.3. Transport hazard class(es)



- Classification :
9

14.4. Packing group

III

14.5. Environmental hazards



- Environmentally hazardous material :

14.6. Special precautions for user

ADR/RID	Class	Code	Pack gr.	Label	Ident.	LQ	Provis.	EQ	Cat.	Tunnel
	9	M6	III	9	90	5 L	274 335 375 601	E1	3	-
	Not subject to this regulation if Q <= 5 l / 5 kg (ADR 3.3.1 - DS 375)									
IMDG	Class	2°Label	Pack gr.	LQ	EMS	Provis.	EQ	Stowage Handling	Segregation	
	9	-	III	5 L	F-A. S-F	274 335 969	E1	Category A	-	
	Not subject to this regulation if Q									

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	<= 5 1 / 5 kg (IMDG 3.3.1 - 2.10.2.7)									
IATA	Class	2°Label	Pack gr.	Passager	Passager	Cargo	Cargo	note	EQ	
	9	-	III	964	450 L	964	450 L	A97 A158 A197 A215	E1	
	9	-	III	Y964	30 kg G	-	-	A97 A158 A197 A215	E1	
	Not subject to this regulation if Q <= 5 1 / 5 kg (IATA 4.4.4 - DS A197)									

For limited quantities, see part 2.7 of the OACI/IATA and chapter 3.4 of the ADR and IMDG.

For excepted quantities, see part 2.6 of the OACI/IATA and chapter 3.5 of the ADR and IMDG.

Marine pollutant (IMDG 3.1.2.9):((r)-p-mentha-1,8-diene)

14.7. Maritime transport in bulk according to IMO instruments

No data available.

SECTION 15 : REGULATORY INFORMATION**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****Classification and labelling information included in section 2:**

The following regulations have been used:

- EU Regulation No. 1272/2008 amended by EU Regulation No. 2023/707.
- EU Regulation No. 1272/2008 amended by EU Regulation No. 2024/2564. (ATP 22)

Container information:

No data available.

Particular provisions :

No data available.

Restrictions applied under Title VIII of Regulation (EC) No. 1907/2006 (REACH):

The mixture does not contain any substance restricted under Annex XVII of Regulation (EC) No. 1907/2006 (REACH): <https://echa.europa.eu/substances-restricted-under-reach>.

Authorisations agreed under Title VII of Regulation (EC) No.1907/2006 (REACH):

The mixture does not contain any substance subject to authorisation according to Annex XIV of REACH Regulation (EC) No 1907/2006: <https://echa.europa.eu/fr/authorisation-list>.

Substances that deplete the ozone layer (EC Regulation No. 1005/2009, Montreal Protocol) :

The mixture does not contain any substance posing a risk to the ozone layer.

Persistent organic pollutants (POP) (Regulation (EU) 2019/1021):

The mixture does not contain a persistent organic pollutant.

PIC Regulation (EU) No 649/2012 concerning the export and import of hazardous chemicals (Rotterdam Convention):

The mixture is not subject to the Prior Informed Consent (PIC) procedure.

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Explosives precursors :

The mixture does not contain any substance subject to Regulation (EU) 2019/1148 on the marketing and use of explosives precursors.

German regulations concerning the classification of hazards for water (WGK, AwSV Annex I, KBws) :

WGK 3 : Extremely hazardous for water.

Swiss ordinance on the incentive tax on volatile organic compounds :

99-87-6 p-cymène
111-27-3 hexane-1-ol
5989-54-8 L-limonène ([S]-p-mentha-1,8-diene)
138-86-3 DL-limonène ([RS]-p-mentha-1,8-diene)
141-78-6 acétate d'éthyle
100-51-6 Alcool benzylique
5989-27-5 D-limonène ([R]-p-mentha-1,8-diene)
99-87-6 p-cymène
138-86-3 DL-limonène ([RS]-p-mentha-1,8-diene)

15.2. Chemical safety assessment

No data available.

SECTION 16 : OTHER INFORMATION

Since the user's working conditions are not known by us, the information supplied on this safety data sheet is based on our current level of knowledge and on national and community regulations.

The mixture must not be used for other uses than those specified in section 1 without having first obtained written handling instructions.

It is at all times the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations.

The information in this safety data sheet must be regarded as a description of the safety requirements relating to the mixture and not as a guarantee of the properties thereof.

Wording of the phrases mentioned in section 3 :

H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
H228	Flammable solid.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H336	May cause drowsiness or dizziness.
H361	Suspected of damaging fertility or the unborn child .
H371	May cause damage to organs .
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.
EUH066	Repeated exposure may cause skin dryness or cracking.

Abbreviations and acronyms :

LD50 : The dose of a test substance resulting in 50% lethality in a given time period.
REACH : Registration, Evaluation, Authorization and Restriction of Chemical Substances.
ATE : Acute Toxicity Estimate
BW : Body Weight
CMR: Carcinogenic, mutagenic or reprotoxic.
STEL : Short-term exposure limit
TWA : Time Weighted Averages

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TLV : Threshold Limit Value (exposure)

AEV : Average Exposure Value.

ADR : European agreement concerning the international carriage of dangerous goods by Road.

GHS07 : Exclamation mark

GHS09 : Environment

IATA : International Air Transport Association.

IMDG : International Maritime Dangerous Goods.

ICAO : International Civil Aviation Organisation

PBT: Persistent, bioaccumulable and toxic.

PIC: Prior Informed Consent.

POP: Persistent Organic Pollutant.

RID : Regulations concerning the International carriage of Dangerous goods by rail.

SVHC : Substances of very high concern.

vPvB : Very persistent, very bioaccumulable.

WGK : Wassergefährdungsklasse (Water Hazard Class).