



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 : MOUSSE DE SAXE R1 794703

Product code : E13155.

UFI : DNE0-M0WH-300W-A37T

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

Use of the Substance/Mixture: Ingredient used in Fragrance preparations

1.3. Details of the supplier of the safety data sheet

Registered company name : Symrise AG.

Address : Muehlenfeldstrasse 1.D-37603.Holzminden..

Telephone : +495531900. Fax : +495531901649.

sds@symrise.com

Distributor : BLH s.a.s.

Address : ZAC du Pilon - 06460 SAINT VALLIER DE THIEY

Tél : 04 92 60 35 60 - Fax : 04 92 60 35 69

Website : www.blhsas.com

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

Association/Organisation : .

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).

Aspiration hazard, Category 1 (Asp. Tox. 1, H304).

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 :



GHS07



GHS08



GHS09

Signal Word :

DANGER

Product identifiers :

EC 202-086-7	COUMARIN
EC 227-813-5	(R)-P-MENTHA-1,8-DIENE
EC 204-116-4	ACETATE DE LINALYLE
EC 203-185-8	ACÉTATE DE P-MÉTHOXYBENZYLE
EC 231-415-7	(-)-3,7-DIMETHYLOCT-6-EN-1-OL
EC 201-134-4	LINALOOL
EC 202-589-1	EUGENOL
EC 201-949-5	1,2,3,3A,4,5,6,8A-OCTAHYDRO-2-ISOPROPYLIDÈNE-4,8-DIMÉTHYLAZULÈNE-6-OL
EC 203-377-1	GERANIOL
EC 204-843-7	1-(2,6,6-TRIMETHYL-1-CYCLOHEXENE-1-YL)PENT-1-ENE-3-ONE
EC 273-309-3	HYDROCARBURES, SOUS-PRODUITS DU TRAITEMENT DES TERPÈNES
EC 204-872-5	PIN-2(10)-ÈNE

CAS 82356-51-2	5-CYCLOPENTADECEN-1-ONE, 3-METHYL-
EC 203-375-0	CITRONELLOL
EC 204-102-8	5-(2,3-DIMETHYLTRICYCLO[2.2.1.0 ^{2,6}]HEPT-3-YL)-2-METHYLPENT-2-ENE-1-OL, STEREOISOMERE
EC 204-846-3	3-BUTEN-2-ONE, 3-METHYL-4-(2,6,6-TRIMETHYL-2-CYCLOHEXEN-1-YL)-
EC 201-027-2	[1S-[1A,2A(Z),4A]]-2-MÉTHYL-5-(2-MÉTHYL-3-MÉTHYLÈNEBICYCLO[2.2.1]HEPT-2-YL)-2-PENTÈNE-1-OL
EC 201-746-1	CARYOPHYLLENE
EC 203-378-7	NEROL
EC 214-250-5	(R)-3,7-DIMETHYLOCT-6-EN-1-OL
EC 201-291-9	PIN-2(3)-ÈNE
EC 226-394-6	CITRAL
EC 214-813-5	(+)-ISOMENTHONE
EC 204-262-9	SALICYLATE DE BENZYLE
EC 202-590-7	ISOEUGENOL

Hazard statements :

H304	May be fatal if swallowed and enters airways.
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.
P273	Avoid release to the environment.
P280	Wear protective gloves/eye protection/face protection.

Precautionary statements - Response :

P301 + P310	IF SWALLOWED: Immediately call a POISON CENTER or doctor.
P331	Do NOT induce vomiting.
P333 + P313	If skin irritation or rash occurs: Get medical advice/attention.

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 57 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 contains 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	(EC) 1272/2008	Note	%
CAS: 91-64-5 EC: 202-086-7 REACH: 01-2119949300-45 COUMARIN	GHS07 Wng Acute Tox. 4, H302 Skin Sens. 1B, H317 Aquatic Chronic 3, H412		2.5 - 10
CAS: 5989-27-5 EC: 227-813-5 (R)-P-MENTHA-1,8-DIENE	GHS07, GHS09, GHS08, GHS02 Dgr Flam. Liq. 3, H226 Asp. Tox. 1, H304 Skin Irrit. 2, H315 Skin Sens. 1, H317 Aquatic Acute 1, H400 M Acute = 1 Aquatic Chronic 1, H410 M Chronic = 1	[1]	2.5 - 10
CAS: 115-95-7 EC: 204-116-4 ACETATE DE LINALYLE	GHS07 Wng Skin Irrit. 2, H315 Skin Sens. 1B, H317 Eye Irrit. 2, H319		1 - 10

CAS: 104-21-2 EC: 203-185-8 REACH: 01-2120752374-54 ACÉTATE DE P-MÉTHOXYBENZYLE	GHS07 Wng Skin Sens. 1B, H317		1 - 10
CAS: 127-42-4 EC: 204-842-1 [R-(E)]-1-(2,6,6-TRIMETHYL-2-CYCLOHEXENE-1-YL)PENT-1-EN-3-ONE	GHS07, GHS09 Wng Skin Irrit. 2, H315 Aquatic Chronic 2, H411		2.5 - 10
CAS: 7540-51-4 EC: 231-415-7 (-)-3,7-DIMETHYLOCT-6-EN-1-OL	GHS07 Wng Skin Irrit. 2, H315 Skin Sens. 1, H317 Eye Irrit. 2, H319		1 - 10
CAS: 78-70-6 EC: 201-134-4 REACH: 01-2119474016-42 LINALOOL	GHS07 Wng Skin Irrit. 2, H315 Skin Sens. 1B, H317 Eye Irrit. 2, H319		1 - 10
CAS: 121-33-5 EC: 204-465-2 REACH: 01-2119516040-60 VANILLINE	GHS07 Wng Eye Irrit. 2, H319		1 - 10
CAS: 140-11-4 EC: 205-399-7 REACH: 01-2119638272-42 ACÉTATE DE BENZYLE	Aquatic Chronic 3, H412	[1]	2.5 - 10
CAS: 97-53-0 EC: 202-589-1 EUGENOL	GHS07 Wng Skin Sens. 1B, H317 Eye Irrit. 2, H319		1 - 10
CAS: 89-88-3 EC: 201-949-5 1,2,3,3A,4,5,6,8A-OCTAHYDRO-2-ISOPROPYLIDÈNE-4,8-DIMÉTHYLAZULÈNE-6-OL	GHS07 Wng Skin Irrit. 2, H315 Skin Sens. 1B, H317 Eye Irrit. 2, H319		1 - 10
CAS: 106-24-1 EC: 203-377-1 GERANIOL	GHS07, GHS05 Dgr Skin Irrit. 2, H315 Skin Sens. 1, H317 Eye Dam. 1, H318		1 - 3
CAS: 127-43-5 EC: 204-843-7 1-(2,6,6-TRIMETHYL-1-CYCLOHEXENE-1-YL)PENT-1-ENE-3-ONE	GHS07, GHS09 Wng Skin Irrit. 2, H315 Skin Sens. 1B, H317 Aquatic Chronic 2, H411		1 - 2.5
CAS: 68956-56-9 EC: 273-309-3 HYDROCARBURES, SOUS-PRODUITS DU TRAITEMENT DES TERPÈNES	GHS07, GHS09, GHS08, GHS02 Dgr Flam. Liq. 3, H226 Asp. Tox. 1, H304 Skin Irrit. 2, H315 Skin Sens. 1B, H317 Eye Irrit. 2, H319 Aquatic Chronic 2, H411		1 - 2.5
CAS: 127-91-3 EC: 204-872-5 PIN-2(10)-ÈNE	GHS07, GHS09, GHS08, GHS02 Dgr Flam. Liq. 3, H226 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	[1]	1 - 2.5

CAS: 99-85-4 EC: 202-794-6 P-MENTHA-1,4-DIÈNE	GHS09, GHS02, GHS08 Wng Flam. Liq. 3, H226 Repr. 2, H361 Aquatic Chronic 2, H411	[2]	1 - 2.5
CAS: 82356-51-2 REACH: 01-0000017618-62 5-CYCLOPENTADECEN-1-ONE, 3-METHYL-	GHS09, GHS07 Wng Skin Sens. 1B, H317 Aquatic Acute 1, H400 M Acute = 1 Aquatic Chronic 1, H410 M Chronic = 1		1 - 2.5
CAS: 106-22-9 EC: 203-375-0 CITRONELLOL	GHS07 Wng Skin Irrit. 2, H315 Skin Sens. 1, H317 Eye Irrit. 2, H319		1 - 10
CAS: 115-71-9 EC: 204-102-8 5-(2,3-DIMETHYLTRICYCLO[2.2.1.0 ^{2,6}]HEPT-3-YL)-2-METHYLPENT-2-ENE-1-OL, STEREOISOMERE	GHS07 Wng Skin Sens. 1, H317		1 - 10
CAS: 60-12-8 EC: 200-456-2 2-PHÉNYLÉTHANOL	GHS07 Wng Acute Tox. 4, H302 Eye Irrit. 2, H319		1 - 10
CAS: 65442-31-1 EC: 265-777-2 6-SEC-BUTYLQUINOLINE	GHS07, GHS09 Wng Skin Irrit. 2, H315 Aquatic Chronic 2, H411		1 - 2.5
CAS: 127-51-5 EC: 204-846-3 3-BUTEN-2-ONE, 3-METHYL-4-(2,6,6-TRIMETHYL-2-CYCLOHEXEN-1-YL)-	GHS09, GHS07 Wng Skin Sens. 1B, H317 Aquatic Chronic 2, H411		0.25 - 1
CAS: 120-51-4 EC: 204-402-9 BENZYL BENZOATE	GHS07, GHS09 Wng Acute Tox. 4, H302 Aquatic Chronic 2, H411 Aquatic Acute 1, H400		0.25 - 1
CAS: 77-42-9 EC: 201-027-2 [1S-[1A,2A(Z),4A]]-2-MÉTHYL-5-(2-MÉTHYLL-3-MÉTHYLÈNEBICYCLO[2.2.1]HEPT-2-YL)-2-PENTÈNE-1-OL	GHS07 Wng Skin Sens. 1B, H317		0.1 - 1
CAS: 104-93-8 EC: 203-253-7 4-METHYLANISOLE	GHS07, GHS08, GHS02 Wng Flam. Liq. 3, H226 Acute Tox. 4, H302 Skin Irrit. 2, H315 Repr. 2, H361d	[2]	0.1 - 1
CAS: 87-44-5 EC: 201-746-1 CARYOPHYLLENE	GHS07, GHS08 Dgr Asp. Tox. 1, H304 Skin Sens. 1, H317		0.1 - 1
CAS: 106-25-2 EC: 203-378-7 NEROL	GHS07 Wng Skin Irrit. 2, H315 Skin Sens. 1B, H317 Eye Irrit. 2, H319		0.1 - 1
CAS: 1117-61-9 EC: 214-250-5 (R)-3,7-DIMETHYLOCT-6-EN-1-OL	GHS07 Wng Skin Irrit. 2, H315 Skin Sens. 1, H317 Eye Irrit. 2, H319		0.1 - 1

CAS: 80-56-8 EC: 201-291-9 PIN-2(3)-ÈNE	GHS07, GHS09, GHS08, GHS02 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	[1]	0.1 - 0.25
CAS: 5392-40-5 EC: 226-394-6 REACH: 01-2119462829-23 CITRAL	GHS07 Wng Skin Irrit. 2, H315 Skin Sens. 1B, H317 Eye Irrit. 2, H319	[1]	0.1 - 1
CAS: 123-35-3 EC: 204-622-5 7-MÉTHYL-3-MÉTHYLENEOCTA-1,6-DIÈNE	GHS07, GHS09, GHS08, GHS02 Dgr Flam. Liq. 3, H226 Asp. Tox. 1, H304 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Aquatic Acute 1, H400 M Acute = 1 Aquatic Chronic 1, H410 M Chronic = 1		0.1 - 0.25
CAS: 1196-31-2 EC: 214-813-5 (+)-ISOMENTHONE	GHS07 Wng Skin Irrit. 2, H315 Skin Sens. 1, H317		0.1 - 1
CAS: 118-58-1 EC: 204-262-9 SALICYLATE DE BENZYLE	GHS07 Wng Skin Sens. 1B, H317 Eye Irrit. 2, H319 Aquatic Chronic 3, H412		0.1 - 0.25
CAS: 97-54-1 EC: 202-590-7 ISOEUGENOL	GHS07 Wng Acute Tox. 4, H302 Acute Tox. 4, H312 Skin Irrit. 2, H315 Skin Sens. 1A, H317 Eye Irrit. 2, H319 Acute Tox. 4, H332 STOT SE 3, H335		0.01 - 0.1
CAS: 469-61-4 EC: 207-418-4 [3R-(3A,3Aß,7ß,8AA)]-2,3,4,7,8,8A-HEXAHYDRO-3,6,8,8-TÉTRAMÉTHYL-1H-3A,7-MÉTHANOAZULÈNE	GHS09, GHS08 Dgr Asp. Tox. 1, H304 Aquatic Acute 1, H400 M Acute = 1 Aquatic Chronic 1, H410 M Chronic = 1		0.0025 - 0.025

Specific concentration limits:

Identification	Specific concentration limits	ATE
CAS: 91-64-5 EC: 202-086-7 REACH: 01-2119949300-45 COUMARIN		oral: ATE = 500 mg/kg BW
CAS: 7540-51-4 EC: 231-415-7 (-)-3,7-DIMETHYLOCT-6-EN-1-OL		dermal: ATE = 2650 mg/kg BW oral: ATE = 3450 mg/kg BW
CAS: 78-70-6 EC: 201-134-4 REACH: 01-2119474016-42 LINALOOL		dermal: ATE = 5610 mg/kg BW oral: ATE = 2790 mg/kg BW

CAS: 121-33-5 EC: 204-465-2 REACH: 01-2119516040-60 VANILLINE		oral: ATE = 3978 mg/kg BW
CAS: 106-24-1 EC: 203-377-1 GERANIOL		oral: ATE = 3600 mg/kg BW
CAS: 115-71-9 EC: 204-102-8 5-(2,3-DIMETHYLTRICYCLO[2.2.1.0 ^{2,6}]HEPT-3-YL)-2-METHYLPENT-2-ENE-1-OL, STEREOISOMERE		oral: ATE = 3800 mg/kg BW
CAS: 60-12-8 EC: 200-456-2 2-PHÉNYLÉTHANOL		dermal: ATE = 2535 mg/kg BW oral: ATE = 1609 mg/kg BW
CAS: 120-51-4 EC: 204-402-9 BENZYL BENZOATE		dermal: ATE = 4000 mg/kg BW oral: ATE = 1500 mg/kg BW
CAS: 77-42-9 EC: 201-027-2 [1S-[1A,2A(Z),4A]]-2-MÉTHYL-5-(2-MÉTHYLL-3-MÉTHYLÈNEBICYCLO[2.2.1]HEPT-2-YL)-2-PENTÈNE-1-OL		oral: ATE = 3800 mg/kg BW
CAS: 104-93-8 EC: 203-253-7 4-METHYLANISOLE		oral: ATE = 1920 mg/kg BW
CAS: 106-25-2 EC: 203-378-7 NEROL		oral: ATE = 4500 mg/kg BW
CAS: 1117-61-9 EC: 214-250-5 (R)-3,7-DIMETHYLOCT-6-EN-1-OL		dermal: ATE = 2650 mg/kg BW oral: ATE = 3450 mg/kg BW
CAS: 80-56-8 EC: 201-291-9 PIN-2(3)-ÈNE		oral: ATE = 500 mg/kg BW
CAS: 5392-40-5 EC: 226-394-6 REACH: 01-2119462829-23 CITRAL		dermal: ATE = 2250 mg/kg BW oral: ATE = 6800 mg/kg BW
CAS: 1196-31-2 EC: 214-813-5 (+)-ISOMENTHONE		oral: ATE = 2500 mg/kg BW
CAS: 118-58-1 EC: 204-262-9 SALICYLATE DE BENZYLE		oral: ATE = 2227 mg/kg BW
CAS: 97-54-1 EC: 202-590-7 ISOEUGENOL		oral: ATE = 1560 mg/kg BW

Information on ingredients :

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

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

[2] 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.

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

In the event of swallowing :

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.

If swallowed accidentally, do not allow to drink, do not induce vomiting and transfer to hospital immediately by ambulance. Show the label to the doctor.

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

Suitable methods of extinction

In the event of a fire, use :

- sprayed water or water mist
- foam
- powder
- carbon dioxide (CO₂)

Unsuitable methods of extinction

In the event of a fire, do not use :

- water jet

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).

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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 :

Never inhale this mixture.

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

No data available.

Storage

Keep away from food and drink, including those for animals.

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 :**

- Germany - AGW (BAuA - TRGS 900, 08/08/2019) :

CAS	VME :	VME :	Excess	Notes
5989-27-5		5 ppm 28 mg/m ³		4(II)

- Spain (Instituto Nacional de Seguridad e Higiene en el Trabajo (INSHT), 2019) :

CAS	TWA :	STEL :	Ceiling :	Definition :	Criteria :
5989-27-5	30 ppm 168 mg/m ³			Sen. via dermica	
140-11-4	10 ppm 62 mg/m ³				
127-91-3	20 ppm 113 mg/m ³				
80-56-8	20 ppm 113 mg/m ³				
5392-40-5	5 ppm			via dermica.Sen.Fl v 315-317	

Derived no effect level (DNEL) or derived minimum effect level (DMEL):

LINALOOL (CAS: 78-70-6)

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Final use:

Exposure method:
Potential health effects:
DNEL :

Exposure method:
Potential health effects:
DNEL :

Exposure method:
Potential health effects:
DNEL :

Exposure method:
Potential health effects:
DNEL :

Exposure method:
Potential health effects:
DNEL :

Exposure method:
Potential health effects:
DNEL :

Final use:

Exposure method:
Potential health effects:
DNEL :

Exposure method:
Potential health effects:
DNEL :

Exposure method:
Potential health effects:
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Exposure method:
Potential health effects:
DNEL :

Exposure method:
Potential health effects:
DNEL :

Exposure method:
Potential health effects:
DNEL :

Exposure method:
Potential health effects:
DNEL :

Exposure method:
Potential health effects:
DNEL :

Workers.

Dermal contact.
Short term systemic effects.
5 mg/kg body weight/day

Dermal contact.
Short term local effects.
15 mg of substance/cm2

Dermal contact.
Long term systemic effects.
2.5 mg/kg body weight/day

Dermal contact.
Long term local effects.
15 mg of substance/cm2

Inhalation.
Short term systemic effects.
16.5 mg of substance/m3

Inhalation.
Long term systemic effects.
2.8 mg of substance/m3

Consumers.

Ingestion.
Short term systemic effects.
1.2 mg/kg body weight/day

Ingestion.
Long term systemic effects.
0.2 mg/kg body weight/day

Dermal contact.
Short term systemic effects.
2.5 mg/kg body weight/day

Dermal contact.
Short term local effects.
15 mg of substance/cm2

Dermal contact.
Long term systemic effects.
1.25 mg/kg body weight/day

Dermal contact.
Long term systemic effects.
15 mg of substance/cm2

Inhalation.
Short term systemic effects.
4.1 mg of substance/m3

Inhalation.
Long term systemic effects.
0.7 mg of substance/m3

ACÉTATE DE P-MÉTHOXYBENZYLE (CAS: 104-21-2)

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Final use:

Exposure method:
Potential health effects:
DNEL :

Exposure method:
Potential health effects:
DNEL :

Final use:

Exposure method:
Potential health effects:
DNEL :

Exposure method:
Potential health effects:
DNEL :

Exposure method:
Potential health effects:
DNEL :

Workers.

Dermal contact.
Long term systemic effects.
0.7 mg/kg body weight/day

Inhalation.
Long term systemic effects.
2.468 mg of substance/m3

Consumers.

Ingestion.
Long term systemic effects.
0.25 mg/kg body weight/day

Dermal contact.
Long term systemic effects.
0.25 mg/kg body weight/day

Inhalation.
Long term systemic effects.
0.37 mg of substance/m3

Predicted no effect concentration (PNEC):

LINALOOL (CAS: 78-70-6)

Environmental compartment:
PNEC : Soil.
0.327

Environmental compartment:
PNEC : Fresh water.
0.2 mg/l

Environmental compartment:
PNEC : Sea water.
0.02 mg/l

Environmental compartment:
PNEC : Fresh water sediment.
2.22 mg/kg

Environmental compartment:
PNEC : Marine sediment.
0.222 mg/kg

Environmental compartment:
PNEC : Waste water treatment plant.
10 mg/l

ACÉTATE DE P-MÉTHOXYBENZYLE (CAS: 104-21-2)

Environmental compartment:
PNEC : Soil.
0.028 mg/kg

Environmental compartment:
PNEC : Fresh water.
0.013 mg/l

Environmental compartment:
PNEC : Sea water.
0.00131 mg/l

Environmental compartment:
PNEC : Fresh water sediment.
0.18 mg/kg

Environmental compartment:
PNEC : Marine sediment.
0.018 mg/kg

Environmental compartment:
Waste water treatment plant.

PNEC :

0.2 mg/l

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 EN166.

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.

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

Unspecified

Odour

Odour threshold : Not stated.

Melting point

Melting point/melting range : Not specified.

Freezing point

Freezing point / Freezing range : Not stated.

Boiling point or initial boiling point and boiling range

Boiling point/boiling range : Not specified.

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.

MOUSSE DE SAXE R1 794703 - E13155

Flash point

Flash Point : 78.00 °C.

Auto-ignition temperature

Self-ignition temperature : Not specified.

Decomposition temperature

Decomposition point/decomposition range : Not specified.

pH

pH : Not relevant.

pH (aqueous solution) : Not stated.

Kinematic viscosity

Viscosity : Not stated.

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

Water solubility : Insoluble. non miscible

Fat solubility : Not stated.

Partition coefficient n-octanol/water (log value)

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

Vapour pressure

Vapour pressure (50°C) : Not relevant.

Density and/or relative density

Density : CoA

Relative vapour density

Vapour density : Not stated.

9.2. Other information

No data available.

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

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.

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

May cause an allergic reaction by skin contact.

Aspiration toxicity includes severe acute effects such as chemical pneumonia, varying degrees of pulmonary injury or death following aspiration.

MOUSSE DE SAXE R1 794703 - E13155

11.1.1. Substances

Acute toxicity :

ISOEUGENOL (CAS: 97-54-1)

Oral route : LD50 = 1560 mg/kg

SALICYLATE DE BENZYLE (CAS: 118-58-1)

Oral route : LD50 = 2227 mg/kg

(+)-ISOMENTHONE (CAS: 1196-31-2)

Oral route : LD50 = 2500 mg/kg

7-MÉTHYL-3-MÉTHYLENEOCTA-1,6-DIÈNE (CAS: 123-35-3)

Oral route : LD50 > 3380 mg/kg
Species : MouseDermal route : LD50 > 5000 mg/kg
Species : Rabbit
OECD Guideline 402 (Acute Dermal Toxicity)

CITRAL (CAS: 5392-40-5)

Oral route : LD50 = 6800 mg/kg
Species : RatDermal route : LD50 = 2250 mg/kg
Species : Rabbit

PIN-2(3)-ÈNE (CAS: 80-56-8)

Oral route : LD50 = 500 mg/kg

Dermal route : LD50 > 5000 mg/kg
Species : Rabbit

(R)-3,7-DIMETHYLOCT-6-EN-1-OL (CAS: 1117-61-9)

Oral route : LD50 = 3450 mg/kg
Species : RatDermal route : LD50 = 2650 mg/kg
Species : Rabbit

NEROL (CAS: 106-25-2)

Oral route : LD50 = 4500 mg/kg
Species : Rat
OECD Guideline 401 (Acute Oral Toxicity)Dermal route : LD50 > 5000 mg/kg
Species : Rabbit
OECD Guideline 402 (Acute Dermal Toxicity)

CARYOPHYLLENE (CAS: 87-44-5)

Oral route : LD50 > 5000 mg/kg
Species : MouseDermal route : LD50 > 5000 mg/kg
Species : Rabbit

4-METHYLANISOLE (CAS: 104-93-8)

Oral route : LD50 = 1920 mg/kg
Species : Rat
OECD Guideline 401 (Acute Oral Toxicity)

MOUSSE DE SAXE R1 794703 - E13155

[1S-[1A,2A(Z),4A]]-2-MÉTHYL-5-(2-MÉTHYL-3-MÉTHYLÈNEBICYCLO[2.2.1]HEPT-2-YL)-2-PENTÈNE-1-OL (CAS: 77-42-9)

Oral route : LD50 = 3800 mg/kg
Species : Rat

BENZYL BENZOATE (CAS: 120-51-4)

Oral route : LD50 = 1500 mg/kg
Species : Rat

Dermal route : LD50 = 4000 mg/kg
Species : Rabbit

3-BUTEN-2-ONE, 3-METHYL-4-(2,6,6-TRIMETHYL-2-CYCLOHEXEN-1-YL)- (CAS: 127-51-5)

Oral route : LD50 > 5000 mg/kg
Species : Rat

Dermal route : LD50 > 5000 mg/kg
Species : Rabbit

6-SEC-BUTYLQUINOLINE (CAS: 65442-31-1)

Oral route : LD50 > 2000 mg/kg
Species : Rat
OECD Guideline 401 (Acute Oral Toxicity)

Dermal route : LD50 > 5000 mg/kg
Species : Rabbit

2-PHÉNYLÉTHANOL (CAS: 60-12-8)

Oral route : LD50 = 1609 mg/kg
Species : Rat
OECD Guideline 401 (Acute Oral Toxicity)

Dermal route : LD50 = 2535 mg/kg
Species : Rabbit
OECD Guideline 402 (Acute Dermal Toxicity)

5-(2,3-DIMETHYLTRICYCLO[2.2.1.0^{2,6}]HEPT-3-YL)-2-METHYLPENT-2-ENE-1-OL, STEREOISOMERE (CAS: 115-71-9)

Oral route : LD50 = 3800 mg/kg
Species : Rat

Dermal route : LD50 > 5000 mg/kg
Species : Rabbit

5-CYCLOPENTADECEN-1-ONE, 3-METHYL- (CAS: 82356-51-2)

Oral route : LD50 > 2000 mg/kg
Species : Rat
OECD Guideline 401 (Acute Oral Toxicity)

Dermal route : LD50 > 2000 mg/kg
Species : Rat
OECD Guideline 402 (Acute Dermal Toxicity)

P-MENTHA-1,4-DIÈNE (CAS: 99-85-4)

Oral route : LD50 > 2000 mg/kg
Species : Rat
OECD Guideline 423 (Acute Oral toxicityAcute Toxic Class Method)

Dermal route : LD50 > 2000 mg/kg
Species : Rat
OECD Guideline 402 (Acute Dermal Toxicity)

MOUSSE DE SAXE R1 794703 - E13155

PIN-2(10)-ÈNE (CAS: 127-91-3)

Oral route : LD50 > 5000 mg/kg
Species : Rat

Dermal route : LD50 > 5000 mg/kg
Species : Rabbit

1-(2,6,6-TRIMETHYL-1-CYCLOHEXENE-1-YL)PENT-1-ENE-3-ONE (CAS: 127-43-5)

Oral route : LD50 > 2000 mg/kg
Species : Rat
OECD Guideline 401 (Acute Oral Toxicity)

GERANIOL (CAS: 106-24-1)

Oral route : LD50 = 3600 mg/kg
Species : Rat

Dermal route : LD50 > 5000 mg/kg
Species : Rabbit

1,2,3,3A,4,5,6,8A-OCTAHYDRO-2-ISOPROPYLIDÈNE-4,8-DIMÉTHYL AZULÈNE-6-OL (CAS: 89-88-3)

Oral route : LD50 > 5000 mg/kg
Species : Rat

Dermal route : LD50 > 5000 mg/kg
Species : Rabbit

EUGENOL (CAS: 97-53-0)

Oral route : LD50 > 2000 mg/kg
Species : Rat
OECD Guideline 423 (Acute Oral toxicityAcute Toxic Class Method)

Inhalation route (Dusts/mist) : LC50 > 5 mg/l
Species : Rat
OECD Guideline 403 (Acute Inhalation Toxicity)

ACÉTATE DE BENZYLE (CAS: 140-11-4)

Oral route : LD50 > 5000 mg/kg
Species : Rabbit

VANILLINE (CAS: 121-33-5)

Oral route : LD50 = 3978 mg/kg
Species : Rat

Dermal route : LD50 > 2000 mg/kg
Species : Rat
OECD Guideline 402 (Acute Dermal Toxicity)

LINALOOL (CAS: 78-70-6)

Oral route : LD50 = 2790 mg/kg
Species : Rat
OECD Guideline 401 (Acute Oral Toxicity)

Dermal route : LD50 = 5610 mg/kg
Species : Rabbit
OECD Guideline 402 (Acute Dermal Toxicity)

(-)-3,7-DIMETHYLOCT-6-EN-1-OL (CAS: 7540-51-4)

Oral route : LD50 = 3450 mg/kg
Species : Rat

MOUSSE DE SAXE R1 794703 - E13155

Dermal route : LD50 = 2650 mg/kg
Species : Rabbit

[R-(E)]-1-(2,6,6-TRIMETHYL-2-CYCLOHEXEN-1-YL)PENT-1-EN-3-ONE (CAS: 127-42-4)
Oral route : LD50 > 5000 mg/kg
Species : Rat

Dermal route : LD50 > 5000 mg/kg
Species : Rabbit

ACÉTATE DE P-MÉTHOXYBENZYLE (CAS: 104-21-2)
Oral route : LD50 > 5000 mg/kg
Species : Rat
OECD Guideline 423 (Acute Oral toxicityAcute Toxic Class Method)

Dermal route : LD50 > 2000 mg/kg
Species : Rat
OECD Guideline 402 (Acute Dermal Toxicity)

ACETATE DE LINALYLE (CAS: 115-95-7)
Oral route : LD50 > 9000 mg/kg
Species : Rat

Dermal route : LD50 > 5000 mg/kg
Species : Rabbit

(R)-P-MENTHA-1,8-DIENE (CAS: 5989-27-5)
Oral route : LD50 > 5000 mg/kg

COUMARIN (CAS: 91-64-5)
Oral route : LD50 = 500 mg/kg

Skin corrosion/skin irritation :

NEROL (CAS: 106-25-2)
Effect observed : Overall irritation score
Species : Rabbit
OECD Guideline 404 (Acute Dermal Irritation / Corrosion)

4-METHYLANISOLE (CAS: 104-93-8)
Effect observed : Overall irritation score
Species : Rabbit
OECD Guideline 404 (Acute Dermal Irritation / Corrosion)

BENZYL BENZOATE (CAS: 120-51-4)
Effect observed : Overall irritation score
Species : Rabbit
OECD Guideline 404 (Acute Dermal Irritation / Corrosion)

3-BUTEN-2-ONE, 3-METHYL-4-(2,6,6-TRIMETHYL-2-CYCLOHEXEN-1-YL)- (CAS: 127-51-5)
Effect observed : Overall irritation score
Species : Rabbit
Duration of exposure : 24 h

6-SEC-BUTYLQUINOLINE (CAS: 65442-31-1)
Effect observed : Overall irritation score
Species : Rabbit
OECD Guideline 404 (Acute Dermal Irritation / Corrosion)

2-PHÉNYLÉTHANOL (CAS: 60-12-8)
Effect observed : Overall irritation score

MOUSSE DE SAXE R1 794703 - E13155

Species : Rabbit

CITRONELLOL (CAS: 106-22-9)

Effect observed : Overall irritation score
Species : Rabbit
OECD Guideline 404 (Acute Dermal Irritation / Corrosion)

5-CYCLOPENTADECEN-1-ONE, 3-METHYL- (CAS: 82356-51-2)

Effect observed : Overall irritation score
Species : Rabbit
OECD Guideline 404 (Acute Dermal Irritation / Corrosion)

PIN-2(10)-ÈNE (CAS: 127-91-3)

Effect observed : Overall irritation score
Species : Rabbit
Duration of exposure : 24 h

GERANIOL (CAS: 106-24-1)

Effect observed : Overall irritation score
Species : Rabbit
OECD Guideline 404 (Acute Dermal Irritation / Corrosion)

EUGENOL (CAS: 97-53-0)

Effect observed : Overall irritation score
Species : Rabbit
OECD Guideline 404 (Acute Dermal Irritation / Corrosion)

LINALOOL (CAS: 78-70-6)

Effect observed : Overall irritation score
Species : Rabbit
OECD Guideline 404 (Acute Dermal Irritation / Corrosion)

ACETATE DE LINALYLE (CAS: 115-95-7)

Effect observed : Overall irritation score
Species : Rabbit
OECD Guideline 404 (Acute Dermal Irritation / Corrosion)

Germ cell mutagenicity :

PIN-2(3)-ÈNE (CAS: 80-56-8)

Ames test (in vitro) : Negative.

5-CYCLOPENTADECEN-1-ONE, 3-METHYL- (CAS: 82356-51-2)

Ames test (in vitro) : Negative.
With or without metabolic activation.

SALICYLATE DE BENZYLE (CAS: 118-58-1)

OECD Guideline 471 (Bacterial Reverse Mutation Assay)

Ames test (in vitro) : Negative.
With or without metabolic activation.

7-MÉTHYL-3-MÉTHYLENEOCTA-1,6-DIÈNE (CAS: 123-35-3)

OECD Guideline 471 (Bacterial Reverse Mutation Assay)

Ames test (in vitro) : Negative.
With or without metabolic activation.

NEROL (CAS: 106-25-2)

OECD Guideline 471 (Bacterial Reverse Mutation Assay)

MOUSSE DE SAXE R1 794703 - E13155

Ames test (in vitro) :	Negative. With or without metabolic activation.
4-METHYLANISOLE (CAS: 104-93-8)	OECD Guideline 471 (Bacterial Reverse Mutation Assay)
Ames test (in vitro) :	Negative. With or without metabolic activation.
2-PHÉNYLÉTHANOL (CAS: 60-12-8)	OECD Guideline 471 (Bacterial Reverse Mutation Assay)
Ames test (in vitro) :	Negative. With or without metabolic activation.
P-MENTHA-1,4-DIÈNE (CAS: 99-85-4)	OECD Guideline 471 (Bacterial Reverse Mutation Assay)
Ames test (in vitro) :	Negative. With or without metabolic activation.
ACÉTATE DE BENZYLE (CAS: 140-11-4)	OECD Guideline 473 (In vitro Mammalian Chromosome Aberration Test)
Ames test (in vitro) :	Negative. With or without metabolic activation.
ACÉTATE DE P-MÉTHOXYBENZYLE (CAS: 104-21-2)	OECD Guideline 471 (Bacterial Reverse Mutation Assay)
Ames test (in vitro) :	Negative. With or without metabolic activation.
ACETATE DE LINALYLE (CAS: 115-95-7)	OECD Guideline 471 (Bacterial Reverse Mutation Assay)
Ames test (in vitro) :	Negative. With or without metabolic activation.
CITRAL (CAS: 5392-40-5) Mutagenesis (in vivo) :	Negative. Species : Mouse OECD Guideline 474 (Mammalian Erythrocyte Micronucleus Test) OECD Guideline 471 (Bacterial Reverse Mutation Assay)
Ames test (in vitro) :	Negative. With or without metabolic activation.
CARYOPHYLLENE (CAS: 87-44-5) Mutagenesis (in vivo) :	Negative. Species : Mouse OECD Guideline 474 (Mammalian Erythrocyte Micronucleus Test) OECD Guideline 471 (Bacterial Reverse Mutation Assay)
Ames test (in vitro) :	Negative. With or without metabolic activation.
CITRONELLOL (CAS: 106-22-9) Mutagenesis (in vivo) :	Negative.

MOUSSE DE SAXE R1 794703 - E13155

	Species : Mouse OECD Guideline 474 (Mammalian Erythrocyte Micronucleus Test)
	OECD Guideline 471 (Bacterial Reverse Mutation Assay)
Ames test (in vitro) :	Negative. With or without metabolic activation.
GERANIOL (CAS: 106-24-1) Mutagenesis (in vivo) :	Negative. Species : Mouse OECD Guideline 474 (Mammalian Erythrocyte Micronucleus Test)
Mutagenesis (in vitro) :	Negative. Species : Mammalian Cell Line OECD Guideline 476 (In vitro Mammalian Cell Gene Mutation Test)
EUGENOL (CAS: 97-53-0) Mutagenesis (in vivo) :	Negative. Species : Mouse OECD Guideline 474 (Mammalian Erythrocyte Micronucleus Test)
	OECD Guideline 471 (Bacterial Reverse Mutation Assay)
Ames test (in vitro) :	Negative. With or without metabolic activation.
VANILLINE (CAS: 121-33-5) Mutagenesis (in vivo) :	Negative. Species : Mouse OECD Guideline 474 (Mammalian Erythrocyte Micronucleus Test)
Ames test (in vitro) :	Negative. With or without metabolic activation.
LINALOOL (CAS: 78-70-6) Mutagenesis (in vivo) :	Negative. Species : Mouse OECD Guideline 474 (Mammalian Erythrocyte Micronucleus Test)
	OECD Guideline 471 (Bacterial Reverse Mutation Assay)
Ames test (in vitro) :	Negative. With or without metabolic activation.
COUMARIN (CAS: 91-64-5) Mutagenesis (in vivo) :	Negative. Species : Mouse OECD Guideline 474 (Mammalian Erythrocyte Micronucleus Test)
	OECD Guideline 471 (Bacterial Reverse Mutation Assay)
Ames test (in vitro) :	Negative. With or without metabolic activation.

11.1.2. Mixture

Acute toxicity :

LD50 > 2000 mg/kg

Aspiration hazard :

May be fatal if swallowed and enters airways.

MOUSSE DE SAXE R1 794703 - E13155

Aspiration toxicity includes severe acute effects such as chemical pneumonia, varying degrees of pulmonary injury or death following aspiration.

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

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

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

CAS 140-11-4 : 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.

CAS 91-64-5 : IARC Group 3 : The agent is not classifiable as to its carcinogenicity to humans.

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**12.1.1. Substances**

[3R-(3A,3Aß,7B,8AA)]-2,3,4,7,8,8A-HEXAHYDRO-3,6,8,8-TÉTRAMÉTHYL-1H-3A,7-MÉTHANOAZULÈNE (CAS: 469-61-4)

Crustacean toxicity :
EC50 = 0.044 mg/l
Species : *Daphnia magna*
Duration of exposure : 48 h

7-MÉTHYL-3-MÉTHYLENEOCTA-1,6-DIÈNE (CAS: 123-35-3)

Crustacean toxicity :
EC50 = 1.47 mg/l
Species : *Daphnia magna*
Duration of exposure : 48 h
OECD Guideline 202 (*Daphnia* sp. Acute Immobilisation Test)

Algae toxicity :
ECr50 = 0.342 mg/l
Factor M = 1
Species : *Pseudokirchnerella subcapitata*
Duration of exposure : 72 h
OECD Guideline 201 (Alga, Growth Inhibition Test)

CARYOPHYLLENE (CAS: 87-44-5)

Crustacean toxicity :
EC50 > 0.17 mg/l
Species : *Daphnia magna*
Duration of exposure : 48 h
OECD Guideline 202 (*Daphnia* sp. Acute Immobilisation Test)

Algae toxicity :
ECr50 = 0.033 mg/l
Species : *Pseudokirchnerella subcapitata*
Duration of exposure : 72 h
OECD Guideline 201 (Alga, Growth Inhibition Test)

EC10 mg/l
Species : *Pseudokirchnerella subcapitata*
Duration of exposure : 72 h
OECD Guideline 201 (Alga, Growth Inhibition Test)

4-METHYLANISOLE (CAS: 104-93-8)

Crustacean toxicity :
EC50 = 27 mg/l
Species : *Daphnia magna*
Duration of exposure : 48 h
OECD Guideline 202 (*Daphnia* sp. Acute Immobilisation Test)

Algae toxicity :
ECr50 > 500 mg/l
Species : *Desmodesmus subspicatus*
Duration of exposure : 72 h

EC10 mg/l

MOUSSE DE SAXE R1 794703 - E13155

Species : *Desmodesmus subspicatus*
Duration of exposure : 72 h

6-SEC-BUTYLQUINOLINE (CAS: 65442-31-1)

Crustacean toxicity :

EC50 = 1.8 mg/l
Species : *Daphnia magna*
Duration of exposure : 48 h
OECD Guideline 202 (*Daphnia* sp. Acute Immobilisation Test)

Algae toxicity :

ECr50 = 1.82 mg/l
Species : *Desmodesmus subspicatus*
Duration of exposure : 72 h
OECD Guideline 201 (Alga, Growth Inhibition Test)

EC10 mg/l
Species : *Desmodesmus subspicatus*
Duration of exposure : 72 h
OECD Guideline 201 (Alga, Growth Inhibition Test)

SALICYLATE DE BENZYLE (CAS: 118-58-1)

Fish toxicity :

LC50 = 1.03 mg/l
Species : *Danio rerio*
Duration of exposure : 96 h
Other guideline

Crustacean toxicity :

EC50 = 1.16 mg/l
Species : *Daphnia magna*
Duration of exposure : 48 h
OECD Guideline 202 (*Daphnia* sp. Acute Immobilisation Test)

Algae toxicity :

ECr50 = 1.29 mg/l
Species : *Pseudokirchnerella subcapitata*
Duration of exposure : 72 h
OECD Guideline 201 (Alga, Growth Inhibition Test)

NOEC = 0.502 mg/l
Species : *Pseudokirchnerella subcapitata*
Duration of exposure : 72 h
OECD Guideline 201 (Alga, Growth Inhibition Test)

CITRAL (CAS: 5392-40-5)

Fish toxicity :

LC50 = 6.78 mg/l
Species : *Leuciscus idus*
Duration of exposure : 96 h
Other guideline

Crustacean toxicity :

EC50 = 6.8 mg/l
Species : *Daphnia magna*
Duration of exposure : 48 h
Other guideline

Algae toxicity :

ECr50 = 103.8 mg/l
Species : *Desmodesmus subspicatus*
Duration of exposure : 72 h
Other guideline

EC10 mg/l
Species : *Desmodesmus subspicatus*
Duration of exposure : 72 h

MOUSSE DE SAXE R1 794703 - E13155

Other guideline

NEROL (CAS: 106-25-2)

Fish toxicity :

LC50 = 20.3 mg/l
Species : Danio rerio
Duration of exposure : 96 h
OECD Guideline 203 (Fish, Acute Toxicity Test)

Crustacean toxicity :

EC50 = 32.4 mg/l
Species : Daphnia magna
Duration of exposure : 48 h
OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)

Algae toxicity :

ECr50 = 9.54 mg/l
Species : Pseudokirchnerella subcapitata
Duration of exposure : 72 h
OECD Guideline 201 (Alga, Growth Inhibition Test)

3-BUTEN-2-ONE, 3-METHYL-4-(2,6,6-TRIMETHYL-2-CYCLOHEXEN-1-YL)- (CAS: 127-51-5)

Fish toxicity :

LC50 = 10.9 mg/l
Species : Oncorhynchus mykiss
Duration of exposure : 96 h
OECD Guideline 203 (Fish, Acute Toxicity Test)

Crustacean toxicity :

EC50 = 4.7 mg/l
Species : Daphnia magna
Duration of exposure : 48 h
OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)

Algae toxicity :

ECr50 > 20 mg/l
Species : Desmodesmus subspicatus
Duration of exposure : 72 h
OECD Guideline 201 (Alga, Growth Inhibition Test)

2-PHÉNYLÉTHANOL (CAS: 60-12-8)

Fish toxicity :

LC50 = 464 mg/l
Species : Leuciscus idus
Duration of exposure : 96 h

Crustacean toxicity :

EC50 = 287 mg/l
Species : Daphnia magna
Duration of exposure : 48 h

Algae toxicity :

ECr50 = 1.3 mg/l
Species : Desmodesmus subspicatus
Duration of exposure : 72 h

EC10 mg/l
Species : Desmodesmus subspicatus
Duration of exposure : 72 h
Other guideline

CITRONELLOL (CAS: 106-22-9)

Fish toxicity :

LC50 = 14.66 mg/l
Species : Leuciscus idus
Duration of exposure : 96 h

Crustacean toxicity :

EC50 = 17.48 mg/l
Species : Daphnia magna

MOUSSE DE SAXE R1 794703 - E13155

Duration of exposure : 48 h

5-CYCLOPENTADECEN-1-ONE, 3-METHYL- (CAS: 82356-51-2)

Fish toxicity :

LC50 = 0.22 mg/l

Species : *Oncorhynchus mykiss*

Duration of exposure : 96 h

OECD Guideline 203 (Fish, Acute Toxicity Test)

Crustacean toxicity :

EC50 = 0.39 mg/l

Species : *Daphnia magna*

Duration of exposure : 48 h

OECD Guideline 202 (*Daphnia* sp. Acute Immobilisation Test)

P-MENTHA-1,4-DIÈNE (CAS: 99-85-4)

Fish toxicity :

LC50 = 2.792 mg/l

Species : *Danio rerio*

Duration of exposure : 96 h

OECD Guideline 203 (Fish, Acute Toxicity Test)

Crustacean toxicity :

EC50 = 10.189 mg/l

Species : *Daphnia magna*

Duration of exposure : 48 h

OECD Guideline 202 (*Daphnia* sp. Acute Immobilisation Test)

Algae toxicity :

ECr50 = 10.82 mg/l

Species : *Scenedesmus capricornutum*

Duration of exposure : 72 h

OECD Guideline 201 (Alga, Growth Inhibition Test)

GERANIOL (CAS: 106-24-1)

Fish toxicity :

LC50 = 22 mg/l

Species : *Danio rerio*

Duration of exposure : 96 h

OECD Guideline 203 (Fish, Acute Toxicity Test)

Crustacean toxicity :

EC50 = 10.8 mg/l

Species : *Daphnia magna*

Duration of exposure : 48 h

OECD Guideline 202 (*Daphnia* sp. Acute Immobilisation Test)

Algae toxicity :

ECr50 = 13.1 mg/l

Species : *Desmodesmus subspicatus*

Duration of exposure : 72 h

OECD Guideline 201 (Alga, Growth Inhibition Test)

EC10 mg/l

Species : *Desmodesmus subspicatus*

Duration of exposure : 72 h

OECD Guideline 201 (Alga, Growth Inhibition Test)

EUGENOL (CAS: 97-53-0)

Fish toxicity :

LC50 = 13 mg/l

Species : *Danio rerio*

Duration of exposure : 96 h

OECD Guideline 203 (Fish, Acute Toxicity Test)

Crustacean toxicity :

EC50 = 1.13 mg/l

Species : *Daphnia magna*

Duration of exposure : 48 h

MOUSSE DE SAXE R1 794703 - E13155

	OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)
Algae toxicity :	ECr50 = 24 mg/l Species : <i>Desmodesmus subspicatus</i> Duration of exposure : 72 h OECD Guideline 201 (Alga, Growth Inhibition Test)
ACÉTATE DE BENZYLE (CAS: 140-11-4)	
Fish toxicity :	LC50 = 4 mg/l Species : <i>Oryzias latipes</i> Duration of exposure : 96 h Other guideline NOEC = 0.92 mg/l Species : <i>Oryzias latipes</i> Duration of exposure : 28 days
Crustacean toxicity :	EC50 = 17 mg/l Species : <i>Daphnia magna</i> Duration of exposure : 48 h OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)
Algae toxicity :	ECr50 = 110 mg/l Species : <i>Desmodesmus subspicatus</i> Duration of exposure : 72 h OECD Guideline 201 (Alga, Growth Inhibition Test) NOEC = 52 mg/l Species : <i>Desmodesmus subspicatus</i> Duration of exposure : 72 h OECD Guideline 201 (Alga, Growth Inhibition Test)
VANILLINE (CAS: 121-33-5)	
Fish toxicity :	LC50 = 57 mg/l Species : <i>Pimephales promelas</i> Duration of exposure : 96 h OECD Guideline 203 (Fish, Acute Toxicity Test)
Crustacean toxicity :	EC50 = 36.79 mg/l Species : <i>Daphnia magna</i> Duration of exposure : 48 h OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)
Algae toxicity :	ECr50 = 120 mg/l Species : <i>Pseudokirchnerella subcapitata</i> Duration of exposure : 72 h OECD Guideline 201 (Alga, Growth Inhibition Test)
LINALOOL (CAS: 78-70-6)	
Fish toxicity :	LC50 = 27.8 mg/l Species : <i>Oncorhynchus mykiss</i> Duration of exposure : 72 h OECD Guideline 203 (Fish, Acute Toxicity Test)
Crustacean toxicity :	EC50 = 59 mg/l Species : <i>Daphnia magna</i> Duration of exposure : 48 h OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)

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Algae toxicity : ECr50 = 156.7 mg/l
Species : *Desmodesmus subspicatus*
Duration of exposure : 96 h
Other guideline

EC10 mg/l
Species : *Desmodesmus subspicatus*
Duration of exposure : 96 h

ACÉTATE DE P-MÉTHOXYBENZYLE (CAS: 104-21-2)

Fish toxicity : LC50 = 13.1 mg/l
Species : *Danio rerio*
Duration of exposure : 96 h
OECD Guideline 203 (Fish, Acute Toxicity Test)

Crustacean toxicity : EC50 = 31 mg/l
Species : *Daphnia magna*
Duration of exposure : 48 h
OECD Guideline 202 (*Daphnia* sp. Acute Immobilisation Test)

Algae toxicity : ECr50 = 59.9 mg/l
Species : *Pseudokirchnerella subcapitata*
Duration of exposure : 72 h
OECD Guideline 201 (Alga, Growth Inhibition Test)

EC10 mg/l
Species : *Pseudokirchnerella subcapitata*
Duration of exposure : 72 h
OECD Guideline 201 (Alga, Growth Inhibition Test)

ACETATE DE LINALYLE (CAS: 115-95-7)

Fish toxicity : LC50 = 11 mg/l
Species : *Cyprinus carpio*
Duration of exposure : 96 h
OECD Guideline 203 (Fish, Acute Toxicity Test)

Crustacean toxicity : EC50 = 59 mg/l
Species : *Daphnia magna*
Duration of exposure : 48 h
OECD Guideline 202 (*Daphnia* sp. Acute Immobilisation Test)

EC20 mg/l
Species : Others

Algae toxicity : ECr50 = 156.7 mg/l
Species : *Desmodesmus subspicatus*
Duration of exposure : 96 h
Other guideline

EC10 mg/l
Species : *Desmodesmus subspicatus*
Duration of exposure : 96 h

BENZYL BENZOATE (CAS: 120-51-4)

Fish toxicity : LC50 = 2.32 mg/l
Species : *Danio rerio*
Duration of exposure : 96 h
Other guideline

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Crustacean toxicity :

EC50 = 3.09 mg/l
Species : Daphnia magna
Duration of exposure : 48 h
OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)

NOEC = 0.258 mg/l
Species : Daphnia magna
Duration of exposure : 21 days
OECD Guideline 211 (Daphnia magna Reproduction Test)

Algae toxicity :

ECr50 = 0.475 mg/l
Species : Pseudokirchnerella subcapitata
Duration of exposure : 72 h
OECD Guideline 201 (Alga, Growth Inhibition Test)

NOEC = 0.247 mg/l
Species : Pseudokirchnerella subcapitata
Duration of exposure : 72 h
OECD Guideline 201 (Alga, Growth Inhibition Test)

12.1.2. Mixtures

No aquatic toxicity data available for the mixture.

12.2. Persistence and degradability**12.2.1. Substances**

[3R-(3A,3Aß,7ß,8AA)]-2,3,4,7,8,8A-HEXAHYDRO-3,6,8,8-TÉTRAMÉTHYL-1H-3A,7-MÉTHANOAZULÈNE (CAS: 469-61-4)
Biodegradability : no degradability data is available, the substance is considered as not degrading quickly.

ISOEUGENOL (CAS: 97-54-1)
Biodegradability : Rapidly degradable.

SALICYLATE DE BENZYLE (CAS: 118-58-1)
Biodegradability : Rapidly degradable.

(+)-ISOMENTHONE (CAS: 1196-31-2)
Biodegradability : Rapidly degradable.

7-MÉTHYL-3-MÉTHYLENEOCTA-1,6-DIÈNE (CAS: 123-35-3)
Biodegradability : Rapidly degradable.

CITRAL (CAS: 5392-40-5)
Biodegradability : Rapidly degradable.

PIN-2(3)-ÈNE (CAS: 80-56-8)
Biodegradability : Rapidly degradable.

(R)-3,7-DIMETHYLOCT-6-EN-1-OL (CAS: 1117-61-9)
Biodegradability : Rapidly degradable.

NEROL (CAS: 106-25-2)
Biodegradability : Rapidly degradable.

CARYOPHYLLENE (CAS: 87-44-5)
Biodegradability : Rapidly degradable.

4-METHYLANISOLE (CAS: 104-93-8)
Biodegradability : Rapidly degradable.

BENZYL BENZOATE (CAS: 120-51-4)

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Biodegradability :	Rapidly degradable.
3-BUTEN-2-ONE, 3-METHYL-4-(2,6,6-TRIMETHYL-2-CYCLOHEXEN-1-YL)- (CAS: 127-51-5)	
Biodegradability :	Rapidly degradable.
6-SEC-BUTYLQUINOLINE (CAS: 65442-31-1)	
Biodegradability :	Non-rapidly degradable.
2-PHÉNYLÉTHANOL (CAS: 60-12-8)	
Biodegradability :	Rapidly degradable.
CITRONELLOL (CAS: 106-22-9)	
Biodegradability :	Rapidly degradable.
5-CYCLOPENTADECEN-1-ONE, 3-METHYL- (CAS: 82356-51-2)	
Biodegradability :	Rapidly degradable.
P-MENTHA-1,4-DIÈNE (CAS: 99-85-4)	
Biodegradability :	Rapidly degradable.
PIN-2(10)-ÈNE (CAS: 127-91-3)	
Biodegradability :	Rapidly degradable.
HYDROCARBURES, SOUS-PRODUITS DU TRAITEMENT DES TERPÈNES (CAS: 68956-56-9)	
Biodegradability :	no degradability data is available, the substance is considered as not degrading quickly.
1-(2,6,6-TRIMETHYL-1-CYCLOHEXENE-1-YL)PENT-1-ENE-3-ONE (CAS: 127-43-5)	
Biodegradability :	no degradability data is available, the substance is considered as not degrading quickly.
GERANIOL (CAS: 106-24-1)	
Biodegradability :	Rapidly degradable.
1,2,3,3A,4,5,6,8A-OCTAHYDRO-2-ISOPROPYLIDÈNE-4,8-DIMÉTHYLAZULÈNE-6-OL (CAS: 89-88-3)	
Biodegradability :	no degradability data is available, the substance is considered as not degrading quickly.
EUGENOL (CAS: 97-53-0)	
Biodegradability :	Rapidly degradable.
ACÉTATE DE BENZYLE (CAS: 140-11-4)	
Biodegradability :	no degradability data is available, the substance is considered as not degrading quickly.
VANILLINE (CAS: 121-33-5)	
Biodegradability :	Rapidly degradable.
LINALOOL (CAS: 78-70-6)	
Biodegradability :	Rapidly degradable.
(-)-3,7-DIMETHYLOCT-6-EN-1-OL (CAS: 7540-51-4)	
Biodegradability :	Rapidly degradable.
[R-(E)]-1-(2,6,6-TRIMETHYL-2-CYCLOHEXEN-1-YL)PENT-1-EN-3-ONE (CAS: 127-42-4)	
Biodegradability :	Rapidly degradable.
ACÉTATE DE P-MÉTHOXYBENZYLE (CAS: 104-21-2)	
Biodegradability :	Rapidly degradable.
ACETATE DE LINALYLE (CAS: 115-95-7)	

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Biodegradability : Rapidly degradable.

(R)-P-MENTHA-1,8-DIENE (CAS: 5989-27-5)
Biodegradability : Rapidly degradable.

COUMARIN (CAS: 91-64-5)
Biodegradability : Rapidly degradable.

12.3. Bioaccumulative potential

12.3.1. Substances

[3R-(3A,3Aß,7B,8AA)]-2,3,4,7,8,8A-HEXAHYDRO-3,6,8,8-TÉTRAMÉTHYL-1H-3A,7-MÉTHANOAZULÈNE (CAS: 469-61-4)
Octanol/water partition coefficient : log K_{ow} = 6.09

ISOEUGENOL (CAS: 97-54-1)
Octanol/water partition coefficient : log K_{ow} = 2.55

SALICYLATE DE BENZYLE (CAS: 118-58-1)
Octanol/water partition coefficient : log K_{ow} = 4
OECD Guideline 117 (Partition Coefficient (n-octanol / water), HPLC Method)

(+)-ISOMENTHONE (CAS: 1196-31-2)
Octanol/water partition coefficient : log K_{ow} = 2.65

7-MÉTHYL-3-MÉTHYLENEOCTA-1,6-DIÈNE (CAS: 123-35-3)
Octanol/water partition coefficient : log K_{ow} = 4.82
OECD Guideline 117 (Partition Coefficient (n-octanol / water), HPLC Method)

CITRAL (CAS: 5392-40-5)
Octanol/water partition coefficient : log K_{ow} = 2.76
OECD Guideline 107 (Partition Coefficient (n-octanol / water), Shake Flask Method)

PIN-2(3)-ÈNE (CAS: 80-56-8)
Octanol/water partition coefficient : log K_{ow} = 5.7

(R)-3,7-DIMETHYLOCT-6-EN-1-OL (CAS: 1117-61-9)
Octanol/water partition coefficient : log K_{ow} = 3.56

NEROL (CAS: 106-25-2)
Octanol/water partition coefficient : log K_{ow} = 2.76
OECD Guideline 117 (Partition Coefficient (n-octanol / water), HPLC Method)

CARYOPHYLLENE (CAS: 87-44-5)
Octanol/water partition coefficient : log K_{ow} = 6.23
OECD Guideline 123 (Partition Coefficient (1-Octanol / Water), Slow-Stirring Method)

4-METHYLANISOLE (CAS: 104-93-8)
Octanol/water partition coefficient : log K_{ow} = 2.8
OECD Guideline 117 (Partition Coefficient (n-octanol / water), HPLC Method)

BENZYL BENZOATE (CAS: 120-51-4)
Octanol/water partition coefficient : log K_{ow} = 3.97

3-BUTEN-2-ONE, 3-METHYL-4-(2,6,6-TRIMETHYL-2-CYCLOHEXEN-1-YL)- (CAS: 127-51-5)
Octanol/water partition coefficient : log K_{ow} = 4.288
OECD Guideline 117 (Partition Coefficient (n-octanol / water), HPLC Method)

6-SEC-BUTYLQUINOLINE (CAS: 65442-31-1)
Octanol/water partition coefficient : log K_{ow} = 4.2

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2-PHÉNYLÉTHANOL (CAS: 60-12-8)

Octanol/water partition coefficient : log K_{ow} = 1.3
OECD Guideline 117 (Partition Coefficient (n-octanol / water), HPLC Method)

CITRONELLOL (CAS: 106-22-9)

Octanol/water partition coefficient : log K_{ow} = 3.41

5-CYCLOPENTADECEN-1-ONE, 3-METHYL- (CAS: 82356-51-2)

Octanol/water partition coefficient : log K_{ow} = 5.522
OECD Guideline 123 (Partition Coefficient (1-Octanol / Water), Slow-Stirring Method)

P-MENTHA-1,4-DIÈNE (CAS: 99-85-4)

Octanol/water partition coefficient : log K_{ow} = 5.4
OECD Guideline 117 (Partition Coefficient (n-octanol / water), HPLC Method)

PIN-2(10)-ÈNE (CAS: 127-91-3)

Octanol/water partition coefficient : log K_{ow} = 5.4

1-(2,6,6-TRIMETHYL-1-CYCLOHEXENE-1-YL)PENT-1-ENE-3-ONE (CAS: 127-43-5)

Octanol/water partition coefficient : log K_{ow} = 4.91

GERANIOL (CAS: 106-24-1)

Octanol/water partition coefficient : log K_{ow} = 2.6
OECD Guideline 117 (Partition Coefficient (n-octanol / water), HPLC Method)

1,2,3,3A,4,5,6,8A-OCTAHYDRO-2-ISOPROPYLIDÈNE-4,8-DIMÉTHYLAZULÈNE-6-OL (CAS: 89-88-3)

Octanol/water partition coefficient : log K_{ow} = 4.78

EUGENOL (CAS: 97-53-0)

Octanol/water partition coefficient : log K_{ow} = 1.83
OECD Guideline 117 (Partition Coefficient (n-octanol / water), HPLC Method)

ACÉTATE DE BENZYLE (CAS: 140-11-4)

Octanol/water partition coefficient : log K_{ow} = 1.96

VANILLINE (CAS: 121-33-5)

Octanol/water partition coefficient : log K_{ow} = 1.17

LINALOOL (CAS: 78-70-6)

Octanol/water partition coefficient : log K_{ow} = 2.84
OECD Guideline 107 (Partition Coefficient (n-octanol / water), Shake Flask Method)

(-)-3,7-DIMETHYLOCT-6-EN-1-OL (CAS: 7540-51-4)

Octanol/water partition coefficient : log K_{ow} = 3.56

[R-(E)]-1-(2,6,6-TRIMETHYL-2-CYCLOHEXEN-1-YL)PENT-1-EN-3-ONE (CAS: 127-42-4)

Octanol/water partition coefficient : log K_{ow} = 4.39

ACÉTATE DE P-MÉTHOXYBENZYLE (CAS: 104-21-2)

Octanol/water partition coefficient : log K_{ow} = 1.9
OECD Guideline 117 (Partition Coefficient (n-octanol / water), HPLC Method)

ACETATE DE LINALYLE (CAS: 115-95-7)

Octanol/water partition coefficient : log K_{ow} = 3.9
OECD Guideline 107 (Partition Coefficient (n-octanol / water), Shake Flask Method)

COUMARIN (CAS: 91-64-5)

Octanol/water partition coefficient : log K_{ow} = 1.39

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

No data available.

12.6. Endocrine disrupting properties

No data available.

12.7. Other adverse effects

No data available.

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, preferably 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 :

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 2021 - IMDG 2020 - ICAO/IATA 2021).

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 :



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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 ≤ 5 l / 5 kg (IMDG 3.3.1 - 2.10.2.7)

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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 l / 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. 2021/643 (ATP 16)
- EU Regulation No. 1272/2008 amended by EU Regulation No. 2021/849 (ATP 17)

- Container information:

No data available.

- Particular provisions :

No data available.

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 :

H226	Flammable liquid and vapour.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H312	Harmful 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.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H361	Suspected of damaging fertility or the unborn child .
H361d	Suspected of damaging 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.

Abbreviations :

LD50 : The dose of a test substance resulting in 50% lethality in a given time period.

LC50 : The concentration of a test substance resulting in 50% lethality in a given period.

EC50 : The effective concentration of substance that causes 50% of the maximum response.

ECr50 : The effective concentration of substance that causes 50% reduction in growth rate.

NOEC : The concentration with no observed effect.

REACH : Registration, Evaluation, Authorization and Restriction of Chemical Substances.

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ATE : Acute Toxicity Estimate

BW : Body Weight

DNEL : Derived No-Effect Level

PNEC : Predicted No-Effect Concentration

CMR: Carcinogenic, mutagenic or reprotoxic.

UFI : Unique formulation identifier.

STEL : Short-term exposure limit

TWA : Time Weighted Averages

TLV : Threshold Limit Value (exposure)

AEV : Average Exposure Value.

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

IMDG : International Maritime Dangerous Goods.

IATA : International Air Transport Association.

ICAO : International Civil Aviation Organisation

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

WGK : Wassergefährdungsklasse (Water Hazard Class).

GHS07 : Exclamation mark

GHS08 : Health hazard

GHS09 : Environment

PBT: Persistent, bioaccumulable and toxic.

vPvB : Very persistent, very bioaccumulable.

SVHC : Substances of very high concern.