

TAHITIAN RAINFOREST ODOR ELIMINATOR #EU48499F

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878
Issue date: 29/10/2021 Revision date: 17/07/2026 Supersedes version of: 29/10/2021 Version: 2.0

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

1.1. Product identifier

Product form	: Mixture
Product name	: TAHITIAN RAINFOREST ODOR ELIMINATOR #EU48499F
UFI	: EV9A-940D-800U-CGQV
Product code	: EU48499F
Type of product	: Perfumes, fragrances
Product group	: Trade product

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

Relevant identified uses

Industrial/Professional use spec	: For professional use only Industrial
Use of the substance/mixture	: Perfumes, fragrances
Function or use category	: Odour agents

1.3. Details of the supplier of the safety data sheet

FRENCH COLOR & FRAGRANCE INTERNATIONAL GmbH
Mittlerer Weg 35
DE 79424 Auggen
Germany
T 49-7631-931-8900
SDS@frenchcolor.com, www.frenchcolor.com

1.4. Emergency telephone number

Emergency number	: 1-800-255-3924; +01-813-248-0585; China: +400-120-0751; Mexico: +01-800-099-0731; Brazil: +0-800-591-6042; India: +000-800-100-4086
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SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Skin sensitisation, Category 1	H317
Reproductive toxicity, Category 2	H361
Hazardous to the aquatic environment – Acute Hazard, Category 1	H400
Hazardous to the aquatic environment – Chronic Hazard, Category 2	H411
Full text of H- and EUH-statements: see section 16	

Adverse physicochemical, human health and environmental effects

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

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP)



Signal word (CLP)

: Warning

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Contains	: Hexyl cinnamic aldehyde; Vertofix; 1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthalenyl)ethanone; Hexyl salicylate; Hydroxy; Benzyl salicylate; Helional; Citronellol Pure; Geranium oil Egyptian; Cyclamal; Isononyl aldehyde; Benzyl alcohol; Eugenol; Aldehyde C-12; Triplal (Vertocitral); Orange oil
Hazard statements (CLP)	: H317 - May cause an allergic skin reaction. H361 - Suspected of damaging fertility or the unborn child. H410 - Very toxic to aquatic life with long lasting effects.
Precautionary statements (CLP)	: P201 - Obtain special instructions before use. P202 - Do not handle until all safety precautions have been read and understood. P261 - Avoid breathing dust/fume/gas/mist/vapours/spray. P272 - Contaminated work clothing should not be allowed out of the workplace. P273 - Avoid release to the environment. P280 - Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.

2.3. Other hazards

Contains no PBT and/or vPvB substances $\geq 0.1\%$ assessed in accordance with REACH Annex XIII

Component	
Substance(s) not meeting the PBT criteria of REACH regulation, in accordance with Annex XIII	1,4-dioxane (123-91-1)(¹)
Substance(s) not meeting the vPvB criteria of REACH regulation, in accordance with Annex XIII	1,4-dioxane (123-91-1)(¹)

(¹) Substance(s) in concentration below 0.1 % and displayed on a voluntary basis

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or substance(s) are not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

Component	
Substance(s) not included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605	ethylene oxide; oxirane (75-21-8)(¹), 1,4-dioxane (123-91-1)(¹)

(¹) Substance(s) in concentration below 0.1 % and displayed on a voluntary basis

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Hexyl cinnamic aldehyde	CAS-No.: 101-86-0 EC-No.: 202-983-3 REACH-no: 01-2119533092-50	18 – 36.0026	Skin Sens. 1, H317 Aquatic Acute 1, H400 Aquatic Chronic 2, H411
1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthalenyl)ethanone	CAS-No.: 54464-57-2 EC-No.: 259-174-3 REACH-no: 01-2119489989-04	3.2 – 6.4	Skin Irrit. 2, H315 Skin Sens. 1, H317 Aquatic Chronic 1, H410

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Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
tetrahydro-2-isobutyl-4-methylpyran-4-ol, mixed isomers (cis and trans)	CAS-No.: 63500-71-0 EC-No.: 405-040-6 EC Index-No.: 603-101-00-3 REACH-no: 01-000015458-64	1.4 – 5.6015	Eye Irrit. 2, H319
Vertofix	CAS-No.: 32388-55-9 EC-No.: 251-020-3 REACH-no: 01-2119969651-28	2.5 – 5.0115	Skin Sens. 1B, H317 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
Helional	CAS-No.: 1205-17-0 EC-No.: 214-881-6 EC Index-No.: 605-042-00-9 REACH-no: 01-2120740119-58	2.3 – 4.5	Skin Sens. 1B, H317 Repr. 2, H361 Aquatic Chronic 2, H411
ACETYL HEXAMETHYL TETRALIN	CAS-No.: 21145-77-7 EC-No.: 244-240-6	2.1 – 4.2	Acute Tox. 4 (Oral), H302 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
Benzyl salicylate	CAS-No.: 118-58-1 EC-No.: 204-262-9 EC Index-No.: 607-754-00-5 REACH-no: 01-2119969442-31	2 – 4.0033	Skin Sens. 1B, H317 Aquatic Chronic 3, H412
Hydroxy	CAS-No.: 107-75-5 EC-No.: 203-518-7 REACH-no: 01-2119973482-31	1.3 – 2.65	Eye Irrit. 2, H319 Skin Sens. 1B, H317
Citronellol Pure	CAS-No.: 106-22-9 EC-No.: 203-375-0 REACH-no: 01-2119453995-23	1.2 – 2.40354	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1B, H317
Verdox	CAS-No.: 88-41-5 EC-No.: 201-828-7 REACH-no: 01-2119970713-33	1.2 – 2.4	Aquatic Chronic 2, H411
Patchouli oil	CAS-No.: 8014-09-3 EC-No.: 616-944-7 EC Index-No.: 616-944-7	0.5 – 1	Asp. Tox. 1, H304 Aquatic Chronic 2, H411
Geranium oil Egyptian	CAS-No.: 8000-46-2 EC-No.: 290-140-0 REACH-no: 01-2120769423-50	0.4 – 0.8	Skin Irrit. 2, H315 Eye Dam. 1, H318 Skin Sens. 1, H317 Aquatic Chronic 3, H412
Hexyl salicylate	CAS-No.: 6259-76-3 EC-No.: 228-408-6 EC Index-No.: 607-772-00-3	0.028 – 0.56015	Skin Sens. 1, H317 Repr. 2, H361d Aquatic Acute 1, H400 Aquatic Chronic 1, H410
Triplal (Vertocitral)	CAS-No.: 68039-49-6 EC-No.: 268-264-1 EC Index-No.: 605-043-00-4	0.3 – 0.5504	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317 Aquatic Chronic 3, H412

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Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Cyclamal	CAS-No.: 103-95-7 EC-No.: 203-161-7 REACH-no: 01-2119970582-32	0.2 – 0.4	Skin Irrit. 2, H315 Skin Sens. 1B, H317 Repr. 2, H361 Aquatic Chronic 2, H411
benzyl benzoate	CAS-No.: 120-51-4 EC-No.: 204-402-9 EC Index-No.: 607-085-00-9 REACH-no: 01-2119976371-33	0.2 – 0.36	Acute Tox. 4 (Oral), H302 Aquatic Acute 1, H400 Aquatic Chronic 2, H411
Eugenol	CAS-No.: 97-53-0 EC-No.: 202-589-1 REACH-no: 01-2119971802-33	0.1 – 0.2503	Acute Tox. 4 (Oral), H302 Eye Irrit. 2, H319 Skin Sens. 1B, H317
Isononyl aldehyde	CAS-No.: 5435-64-3 EC-No.: 226-603-0	0.1 – 0.15	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1B, H317
benzyl alcohol substance with national workplace exposure limit(s) (BG, CZ, DE, FI, LT, LV, PL, SI, CH)	CAS-No.: 100-51-6 EC-No.: 202-859-9 EC Index-No.: 603-057-00-5 REACH-no: 01-2119492630-38	0.1 – 0.1069	Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317
Aldehyde C-12	CAS-No.: 112-54-9 EC-No.: 203-983-6	0.1 – 0.1	Skin Sens. 1B, H317 Aquatic Chronic 2, H411
Orange oil	CAS-No.: 8008-57-9 EC-No.: 232-433-8 REACH-no: 01-2119493353-35	0.1 – 0.1	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1, H317 Asp. Tox. 1, H304 Aquatic Acute 1, H400 Aquatic Chronic 2, H411
ethylene oxide; oxirane substance with national workplace exposure limit(s) (AT, BE, BG, CY, CZ, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IT, LT, LU, NL, PL, PT, RO, SE, SI, NO, CH); substance with a Community workplace exposure limit	CAS-No.: 75-21-8 EC-No.: 200-849-9 EC Index-No.: 603-023-00-X	0.0075 – 0.015	Flam. Gas 1, H220 Press. Gas Acute Tox. 3 (Oral), H301 Acute Tox. 3 (Inhalation), H331 Skin Corr. 1, H314 Eye Dam. 1, H318 Muta. 1B, H340 Carc. 1B, H350 Repr. 1B, H360Fd STOT SE 3, H335 STOT SE 3, H336 STOT RE 1, H372
1,4-dioxane substance listed on REACH Candidate List substance with national workplace exposure limit(s) (AT, BE, BG, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GI, GR, HR, HU, IE, IT, LT, LU, LV, MT, NL, PL, PT, RO, SE, SI, SK, NO, CH); substance with a Community workplace exposure limit	CAS-No.: 123-91-1 EC-No.: 204-661-8 EC Index-No.: 603-024-00-5	0.0075 – 0.015	Flam. Liq. 2, H225 Eye Irrit. 2, H319 Carc. 1A, H350 STOT SE 3, H335

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Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
(R)-p-mentha-1,8-diene; d-limonene substance with national workplace exposure limit(s) (DE, ES, FI, SI, NO, CH)	CAS-No.: 5989-27-5 EC-No.: 205-341-0 EC Index-No.: 601-096-00-2 REACH-no: 01-2119493353-35	0 – 0.0083	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1B, H317 Asp. Tox. 1, H304 Aquatic Acute 1, H400 Aquatic Chronic 3, H412
Benzyl acetate substance with national workplace exposure limit(s) (BE, DK, ES, IE, LT, LV, PT, RO)	CAS-No.: 140-11-4 EC-No.: 205-399-7 REACH-no: 01-2119638272-42	0 – 0.0018	Aquatic Chronic 3, H412
isopentyl acetate substance with national workplace exposure limit(s) (AT, BE, BG, CY, DE, DK, EE, ES, FI, FR, GI, GR, HR, HU, IE, IT, LT, LU, LV, MT, NL, PL, PT, RO, SE, SI, SK, NO, CH, TR); substance with a Community workplace exposure limit	CAS-No.: 123-92-2 EC-No.: 204-662-3 EC Index-No.: 607-130-00-2 REACH-no: 01-2119548408-32	0 – 0.0003	Flam. Liq. 3, H226
citral substance with national workplace exposure limit(s) (BE, ES, IE, PL, PT)	CAS-No.: 5392-40-5 EC-No.: 226-394-6 EC Index-No.: 605-019-00-3 REACH-no: 01-2119462829-23	0 – 0.000204	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317
Benzaldehyde substance with national workplace exposure limit(s) (BG, FI, HU, LT, LV, PL)	CAS-No.: 100-52-7 EC-No.: 202-860-4 EC Index-No.: 605-012-00-5 REACH-no: 01-2119455540-44	0 – 0.0002	Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Inhalation), H332 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Repr. 2, H361 STOT SE 3, H335

Full text of H- and EUH-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general	: IF exposed or concerned: Get medical advice/attention. Never give anything by mouth to an unconscious person.
First-aid measures after inhalation	: Allow the victim to rest. Allow affected person to breathe fresh air.
First-aid measures after skin contact	: If skin irritation occurs: Get medical advice/attention. Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. Wash with plenty of water/.... If skin irritation or rash occurs: Get medical advice/attention. Specific treatment (see supplemental first aid instruction on this label). Wash contaminated clothing before reuse.
First-aid measures after eye contact	: Obtain medical attention if pain, blinking or redness persists. Rinse immediately with plenty of water.
First-aid measures after ingestion	: Obtain emergency medical attention. Rinse mouth. Do NOT induce vomiting.

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

Symptoms/effects	: Suspected of damaging fertility or the unborn child.
Symptoms/effects after inhalation	: May cause an allergic skin reaction.
Symptoms/effects after skin contact	: May cause an allergic skin reaction.
Symptoms/effects after eye contact	: Eye irritation.

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

Treat symptomatically.

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SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : Sand. Foam. Dry powder. Carbon dioxide. Water spray.
Unsuitable extinguishing media : Do not use a heavy water stream.

5.2. Special hazards arising from the substance or mixture

Hazardous decomposition products in case of fire : Toxic fumes may be released.

5.3. Advice for firefighters

Firefighting instructions : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire fighting water from entering the environment.
Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Emergency procedures : Evacuate unnecessary personnel.

For emergency responders

Protective equipment : Equip cleanup crew with proper protection.
Emergency procedures : Ventilate area.

6.2. Environmental precautions

Notify authorities if liquid enters sewers or public waters. Prevent entry to sewers and public waters. Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

For containment : Collect spillage.
Methods for cleaning up : Store away from other materials. Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage.
Other information : Dispose of materials or solid residues at an authorized site.

6.4. Reference to other sections

Exposure controls and personal protection. See Section 8.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Provide good ventilation in process area to prevent formation of vapour. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Avoid breathing dust/fume/gas/mist/vapours/spray. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood.
Hygiene measures : Wash contaminated clothing before reuse. Contaminated work clothing should not be allowed out of the workplace.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Keep container closed when not in use. Keep only in the original container in a cool, well-ventilated place away from:
Incompatible products : Strong bases. Strong acids.
Incompatible materials : Sources of ignition. Direct sunlight.
Storage temperature : 25 °C
Storage area : Store in a well-ventilated place. Store away from heat.
Special rules on packaging : Store in a closed container.
Packaging materials : Do not store in corrodable metal.

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7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

National occupational exposure and biological limit values

ethylene oxide; oxirane (75-21-8)	
EU - Indicative Occupational Exposure Limit (IOEL)	
IOEL TWA	1.8 mg/m ³
	1 ppm
Remark	Present (Substantial contribution to the total body burden via dermal exposure possible)
Ireland - Occupational Exposure Limits	
OEL TWA	1.8 mg/m ³
	1 ppm
OEL STEL	5.4 mg/m ³ (calculated)
	3 ppm (calculated)
OEL chemical category	Carc1B, Potential for cutaneous absorption
1,4-dioxane (123-91-1)	
EU - Indicative Occupational Exposure Limit (IOEL)	
IOEL TWA	73 mg/m ³
	20 ppm
Ireland - Occupational Exposure Limits	
OEL TWA	73 mg/m ³ (technical grade)
	20 ppm (technical grade)
OEL STEL	219 mg/m ³ (calculated)
	60 ppm (calculated)
OEL chemical category	Potential for cutaneous absorption technical grade
isopentyl acetate (123-92-2)	
EU - Indicative Occupational Exposure Limit (IOEL)	
IOEL TWA	270 mg/m ³
	50 ppm
IOEL STEL	540 mg/m ³
	100 ppm
Ireland - Occupational Exposure Limits	
OEL TWA	260 mg/m ³
	50 ppm
OEL STEL	520 mg/m ³
	100 ppm

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Benzyl acetate (140-11-4)

Ireland - Occupational Exposure Limits

OEL TWA	10 ppm
OEL STEL	30 ppm (calculated)

citral (5392-40-5)

Ireland - Occupational Exposure Limits

OEL TWA	5 ppm
OEL STEL	15 ppm (calculated)

8.2. Exposure controls

Appropriate engineering controls

Appropriate engineering controls:

Ensure good ventilation of the work station.

Personal protection equipment

Personal protective equipment:

Avoid all unnecessary exposure.

Personal protective equipment symbol(s):



Eye and face protection

Eye protection:

Chemical goggles or safety glasses

Skin protection

Skin and body protection:

Wear suitable protective clothing

Hand protection:

Wear protective gloves.

Respiratory protection

Respiratory protection:

Wear appropriate mask

Environmental exposure controls

Environmental exposure controls:

Avoid release to the environment.

Other information:

Do not eat, drink or smoke during use.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Colour	: light yellow. amber.
Odour	: characteristic.
Odour threshold	: Not available
Melting point	: Not applicable
Freezing point	: Not available
Boiling point	: Not available
Flammability	: Not applicable, Non flammable.

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Lower explosion limit	: Not available
Upper explosion limit	: Not available
Flash point	: > 93 °C
Auto-ignition temperature	: Not available
Decomposition temperature	: Not available
pH	: Not available
Viscosity, kinematic	: Not available
Solubility	: Not available
Partition coefficient n-octanol/water (Log Kow)	: Not available
Vapour pressure	: 0.002736321 mm Hg (calculated value)
Vapour pressure at 50°C	: Not available
Density	: Not available
Relative density	: 1.05
Relative vapour density at 20°C	: Not available
Particle characteristics	: Not applicable

9.2. Other information

Other safety characteristics

VOC content : 9.334402 % (calculated value)(CARB VOC) (%w/w)

SECTION 10: Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

Not established.

10.3. Possibility of hazardous reactions

Not established.

10.4. Conditions to avoid

Extremely high or low temperatures. Direct sunlight.

10.5. Incompatible materials

Strong acids. Strong bases.

10.6. Hazardous decomposition products

Carbon dioxide. fume. Carbon monoxide.

SECTION 11: Toxicological information

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

Acute toxicity (oral)	: Not classified
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified

Hexyl cinnamic aldehyde (101-86-0)	
LD50 oral rat	3100 mg/kg (Source: NLM_CIP)
LD50 oral	3100 mg/kg
LD50 dermal rabbit	> 3000 mg/kg (Source: EPA_HPVS)
LC50 Inhalation - Rat	> 5 mg/l/4h

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ethylene oxide; oxirane (75-21-8)	
LD50 oral rat	72 mg/kg (Source: JAPAN_GHS)
LC50 Inhalation - Rat [ppm]	800 ppm/4h
1,4-dioxane (123-91-1)	
LD50 oral rat	5170 mg/kg (Source: JAPAN_GHS)
LD50 dermal rabbit	7600 mg/kg (Source: CHEMVIEW)
LC50 Inhalation - Rat	46 mg/l (Exposure time: 2 h Source: JAPAN_GHS)
Vertofix (32388-55-9)	
LD50 oral	4500 mg/kg
LD50 dermal rabbit	> 5000 mg/kg (Source: ECHA_API)
tetrahydro-2-isobutyl-4-methylpyran-4-ol, mixed isomers (cis and trans) (63500-71-0)	
LD50 dermal rabbit	> 2000 mg/kg (Source: ECHA_API)
Hexyl salicylate (6259-76-3)	
LD50 oral rat	> 5 g/kg (Source: ECHA)
LD50 dermal rabbit	> 5000 mg/kg (Source: ECHA_API)
Hydroxy (107-75-5)	
LD50 oral rat	> 6400 mg/kg (Source: ECHA)
LD50 dermal rabbit	> 2000 mg/kg (Source: ECHA_API)
Benzyl salicylate (118-58-1)	
LD50 oral rat	2227 mg/kg (Source: NLM_CIP)
LD50 oral	2227 mg/kg
LD50 dermal rabbit	> 5000 mg/kg (Source: CHEMVIEW)
Helional (1205-17-0)	
LD50 dermal rabbit	> 2000 mg/kg (Source: ECHA_API)
Patchouli oil (8014-09-3)	
LD50 oral rat	> 5 g/kg (Source: NLM_CIP)
Verdox (88-41-5)	
LD50 oral rat	4600 mg/kg (Source: NLM_CIP)
LD50 oral	4600 mg/kg
Citronellol Pure (106-22-9)	
LD50 oral rat	3450 mg/kg (Source: NLM_CIP)
LD50 oral	3450 mg/kg
LD50 dermal rabbit	2650 mg/kg (Source: EPA_HPVS)
LD50 dermal	2650 mg/kg
ACETYL HEXAMETHYL TETRALIN (21145-77-7)	
LD50 oral rat	570 mg/kg (Source: NLM_CIP)
LD50 oral	1000 mg/kg
LD50 dermal rabbit	> 5 g/kg (Source: NLM_HSDB)

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Geranium oil Egyptian (8000-46-2)	
LD50 oral	4811 mg/kg bodyweight
LD50 dermal	2500 mg/kg bodyweight
Cyclamal (103-95-7)	
LD50 oral rat	3810 mg/kg (Source: NLM_CIP)
LD50 oral	3810 mg/kg
LD50 dermal rat	> 5000 mg/kg (Source: ECHA_API)
Isononyl aldehyde (5435-64-3)	
LD50 oral rat	> 2000 mg/kg (Source: ECHA)
LD50 dermal rat	> 2000 mg/kg (Source: ECHA_API)
LD50 dermal	5000 mg/kg
benzyl alcohol (100-51-6)	
LD50 oral rat	1230 mg/kg (Source: NLM_CIP)
LD50 oral	1570 mg/kg
Eugenol (97-53-0)	
LD50 oral rat	1930 mg/kg (Source: NZ_CCID)
LD50 oral	2500 mg/kg bodyweight
LC50 Inhalation - Rat	> 2.58 mg/l/4h
Aldehyde C-12 (112-54-9)	
LD50 oral rat	23 g/kg (Source: NLM_CIP)
LD50 dermal rabbit	> 2000 mg/kg (Source: ECHA_API)
Triplal (Vertocitral) (68039-49-6)	
LD50 oral	2330 mg/kg
benzyl benzoate (120-51-4)	
LD50 oral rat	> 2000 mg/kg (Source: ECHA_API)
LD50 oral	1160 mg/kg
LD50 dermal rabbit	4000 mg/kg (Source: NLM_CIP)
Orange oil (8008-57-9)	
LD50 oral rat	4400 mg/kg (Source: NZ_CCID)
LD50 dermal rabbit	> 5000 mg/kg (Source: CHEMVIEW)
Benzaldehyde (100-52-7)	
LD50 oral rat	1292 mg/kg (Source: JAPAN_GHS)
LD50 dermal rabbit	> 1250 mg/kg (Source: JAPAN_GHS)
LC50 Inhalation - Rat	< 5 mg/l/4h
Benzyl acetate (140-11-4)	
LD50 oral rat	2490 mg/kg (Source: JAPAN_GHS)
LD50 oral	2490 mg/kg
LD50 dermal rabbit	> 5000 mg/kg (Source: JAPAN_GHS)

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according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

(R)-p-mentha-1,8-diene; d-limonene (5989-27-5)	
LD50 oral rat	4400 mg/kg (Source: CHEMVIEW)
LD50 dermal rabbit	> 5 g/kg (Source: CHEMVIEW)
citral (5392-40-5)	
LD50 oral rat	4960 mg/kg (Source: NLM_CIP)
LD50 dermal rabbit	2250 mg/kg (Source: NLM_CIP)
Skin corrosion/irritation	: Not classified
Additional information	: Based on available data, the classification criteria are not met
Serious eye damage/irritation	: Not classified
Additional information	: Based on available data, the classification criteria are not met
Respiratory or skin sensitisation	: May cause an allergic skin reaction.
Germ cell mutagenicity	: Not classified
Additional information	: Based on available data, the classification criteria are not met
Carcinogenicity	: Not classified
Additional information	: Based on available data, the classification criteria are not met
ethylene oxide; oxirane (75-21-8)	
IARC group	1 - Carcinogenic to humans
1,4-dioxane (123-91-1)	
IARC group	2B - Possibly carcinogenic to humans
Eugenol (97-53-0)	
IARC group	3 - Not classifiable
Benzyl acetate (140-11-4)	
IARC group	3 - Not classifiable
(R)-p-mentha-1,8-diene; d-limonene (5989-27-5)	
IARC group	3 - Not classifiable
Reproductive toxicity	: Suspected of damaging fertility or the unborn child.
STOT-single exposure	: Not classified
Additional information	: Based on available data, the classification criteria are not met
ethylene oxide; oxirane (75-21-8)	
STOT-single exposure	May cause respiratory irritation. May cause drowsiness or dizziness.
1,4-dioxane (123-91-1)	
STOT-single exposure	May cause respiratory irritation.
Benzaldehyde (100-52-7)	
STOT-single exposure	May cause respiratory irritation.
STOT-repeated exposure	: Not classified
Additional information	: Based on available data, the classification criteria are not met
ethylene oxide; oxirane (75-21-8)	
STOT-repeated exposure	Causes damage to organs through prolonged or repeated exposure.
Aspiration hazard	: Not classified
Additional information	: Based on available data, the classification criteria are not met
benzyl benzoate (120-51-4)	
Viscosity, kinematic	7.456 mm²/s

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(R)-p-mentha-1,8-diene; d-limonene (5989-27-5)

Hydrocarbon	Yes
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11.2. Information on other hazards

Other information

Potential adverse human health effects and symptoms : Based on available data, the classification criteria are not met

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : Toxic to aquatic life with long lasting effects.
Ecology - water : Very toxic to aquatic life. Toxic to aquatic life with long lasting effects.
Hazardous to the aquatic environment, short-term (acute) : Very toxic to aquatic life.
Hazardous to the aquatic environment, long-term (chronic) : Toxic to aquatic life with long lasting effects.

ethylene oxide; oxirane (75-21-8)

LC50 - Fish [1]	73 – 96 mg/l (Exposure time: 96 h - Species: Pimephales promelas Source: EPA)
EC50 - Crustacea [1]	137 – 300 mg/l (Exposure time: 48 h - Species: Daphnia magna)

1,4-dioxane (123-91-1)

LC50 - Fish [1]	> 10000 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static] Source: EPA)
LC50 - Fish [2]	> 10000 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [semi-static] Source: IUCLID)
EC50 - Crustacea [1]	163 mg/l (Exposure time: 48 h - Species: water flea [Static])

Benzyl salicylate (118-58-1)

LC50 - Fish [1]	1.03 mg/l (Exposure time: 96 h - Species: Danio rerio [semi-static] Source: ECHA)
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benzyl alcohol (100-51-6)

LC50 - Fish [1]	460 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static] Source: EPA)
LC50 - Fish [2]	10 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static] Source: EPA)
EC50 - Crustacea [1]	23 mg/l (Exposure time: 48 h - Species: water flea)

Eugenol (97-53-0)

LC50 - Fish [1]	13 mg/l (Exposure time: 96 h - Species: Danio rerio [semi-static] Source: ECHA)
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benzyl benzoate (120-51-4)

LC50 - Fish [1]	2.32 mg/l (Exposure time: 96 h - Species: Danio rerio [semi-static] Source: ECHA)
NOEC (chronic)	0.168 mg/l

Benzaldehyde (100-52-7)

LC50 - Fish [1]	10.6 – 11.8 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [flow-through] Source: EPA)
LC50 - Fish [2]	12.69 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static] Source: IUCLID)

(R)-p-mentha-1,8-diene; d-limonene (5989-27-5)

LC50 - Fish [1]	0.619 – 0.796 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through] Source: EPA)
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(R)-p-mentha-1,8-diene; d-limonene (5989-27-5)	
LC50 - Fish [2]	35 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss Source: EPA)
citral (5392-40-5)	
EC50 - Crustacea [1]	7 mg/l (Exposure time: 48 h - Species: Daphnia magna)
EC50 72h - Algae [1]	16 mg/l (Species: Desmodesmus subspicatus)
EC50 96h - Algae [1]	19 mg/l (Species: Desmodesmus subspicatus)
12.2. Persistence and degradability	
TAHITIAN RAINFOREST ODOR ELIMINATOR #EU48499F	
Persistence and degradability	May cause long-term adverse effects in the environment.
Hexyl cinnamic aldehyde (101-86-0)	
Persistence and degradability	Rapidly degradable
ethylene oxide; oxirane (75-21-8)	
Persistence and degradability	Rapidly degradable
1,4-dioxane (123-91-1)	
Persistence and degradability	Rapidly degradable
Vertofix (32388-55-9)	
Persistence and degradability	Rapidly degradable
1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthalenyl)ethanone (54464-57-2)	
Persistence and degradability	Rapidly degradable
tetrahydro-2-isobutyl-4-methylpyran-4-ol, mixed isomers (cis and trans) (63500-71-0)	
Persistence and degradability	Rapidly degradable
Hexyl salicylate (6259-76-3)	
Persistence and degradability	Rapidly degradable
Hydroxy (107-75-5)	
Persistence and degradability	Rapidly degradable
Benzyl salicylate (118-58-1)	
Persistence and degradability	Rapidly degradable
Helional (1205-17-0)	
Persistence and degradability	Rapidly degradable
Patchouli oil (8014-09-3)	
Persistence and degradability	Rapidly degradable
Verdox (88-41-5)	
Persistence and degradability	Rapidly degradable
Citronellol Pure (106-22-9)	
Persistence and degradability	Rapidly degradable

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ACETYL HEXAMETHYL TETRALIN (21145-77-7)	
Persistence and degradability	Rapidly degradable
Geranium oil Egyptian (8000-46-2)	
Persistence and degradability	May cause long-term adverse effects in the environment.
Cyclamal (103-95-7)	
Persistence and degradability	Not established.
Isononyl aldehyde (5435-64-3)	
Persistence and degradability	Rapidly degradable
benzyl alcohol (100-51-6)	
Persistence and degradability	Rapidly degradable
Eugenol (97-53-0)	
Persistence and degradability	Rapidly degradable
Aldehyde C-12 (112-54-9)	
Persistence and degradability	Rapidly degradable
Triplal (Vertocitral) (68039-49-6)	
Persistence and degradability	Rapidly degradable
benzyl benzoate (120-51-4)	
Persistence and degradability	May cause long-term adverse effects in the environment.
Orange oil (8008-57-9)	
Persistence and degradability	Rapidly degradable
Benzaldehyde (100-52-7)	
Persistence and degradability	Rapidly degradable
isopentyl acetate (123-92-2)	
Persistence and degradability	Rapidly degradable
Benzyl acetate (140-11-4)	
Persistence and degradability	Rapidly degradable
(R)-p-mentha-1,8-diene; d-limonene (5989-27-5)	
Persistence and degradability	Rapidly degradable
citral (5392-40-5)	
Persistence and degradability	Rapidly degradable
12.3. Bioaccumulative potential	
TAHITIAN RAINFOREST ODOR ELIMINATOR #EU48499F	
Bioaccumulative potential	Not established.
ethylene oxide; oxirane (75-21-8)	
Partition coefficient n-octanol/water (Log Pow)	-0.3 (at 25 °C (at pH 7)

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1,4-dioxane (123-91-1)	
BCF - Fish [1]	0.3 – 0.7
Partition coefficient n-octanol/water (Log Pow)	-0.42
Vertofix (32388-55-9)	
BCF - Fish [1]	(3920 dimensionless (organ w.w.))
Partition coefficient n-octanol/water (Log Pow)	5.6 – 5.9
1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthalenyl)ethanone (54464-57-2)	
Partition coefficient n-octanol/water (Log Pow)	5.65 (at 30 °C)
tetrahydro-2-isobutyl-4-methylpyran-4-ol, mixed isomers (cis and trans) (63500-71-0)	
Partition coefficient n-octanol/water (Log Pow)	1.65 (at 23 °C (at pH >6.09-<6.74))
Hexyl salicylate (6259-76-3)	
Partition coefficient n-octanol/water (Log Pow)	5.5 (at 30 °C (at pH 7))
Hydroxy (107-75-5)	
Partition coefficient n-octanol/water (Log Pow)	1.68 (at 25 °C)
Benzyl salicylate (118-58-1)	
Partition coefficient n-octanol/water (Log Pow)	4
Helional (1205-17-0)	
Partition coefficient n-octanol/water (Log Pow)	2.4 (at 25 °C)
Patchouli oil (8014-09-3)	
Partition coefficient n-octanol/water (Log Pow)	Not established
Citronellol Pure (106-22-9)	
Partition coefficient n-octanol/water (Log Pow)	3.41 (at 25 °C)
ACETYL HEXAMETHYL TETRALIN (21145-77-7)	
Partition coefficient n-octanol/water (Log Pow)	5.7 (at 24 °C)
Geranium oil Egyptian (8000-46-2)	
Bioaccumulative potential	Not established.
Cyclamal (103-95-7)	
Partition coefficient n-octanol/water (Log Pow)	3.4 (at 35 °C)
Bioaccumulative potential	Not established.
Isononyl aldehyde (5435-64-3)	
Partition coefficient n-octanol/water (Log Pow)	3.3 (at 26 °C (at pH 3.8-4.3))
benzyl alcohol (100-51-6)	
Partition coefficient n-octanol/water (Log Pow)	1.05
Eugenol (97-53-0)	
Partition coefficient n-octanol/water (Log Pow)	1.83 (at 30 °C (at pH 5.5))
Aldehyde C-12 (112-54-9)	
Partition coefficient n-octanol/water (Log Pow)	4.9 (at 35 °C)

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Triplal (Vertocitral) (68039-49-6)	
Partition coefficient n-octanol/water (Log Pow)	2.6
benzyl benzoate (120-51-4)	
Partition coefficient n-octanol/water (Log Pow)	3.97 (at 25 °C)
Bioaccumulative potential	Not established.
Orange oil (8008-57-9)	
Partition coefficient n-octanol/water (Log Pow)	≥ 2.78 – ≤ 4.88
Benzaldehyde (100-52-7)	
BCF - Fish [1]	(no significant bioaccumulation)
Partition coefficient n-octanol/water (Log Pow)	1.4 (at 25 °C)
isopentyl acetate (123-92-2)	
Partition coefficient n-octanol/water (Log Pow)	2.7 (at 35 °C)
Benzyl acetate (140-11-4)	
Partition coefficient n-octanol/water (Log Pow)	1.96 (at 25 °C (at pH 7)
(R)-p-mentha-1,8-diene; d-limonene (5989-27-5)	
Partition coefficient n-octanol/water (Log Pow)	4.38 (at 37 °C (at pH 7.2)
citral (5392-40-5)	
Partition coefficient n-octanol/water (Log Pow)	2.76 (at 25 °C)
12.4. Mobility in soil	
No additional information available	
12.5. Results of PBT and vPvB assessment	
Component	
Substance(s) not meeting the PBT criteria of REACH regulation, in accordance with Annex XIII	1,4-dioxane (123-91-1)(¹)
Substance(s) not meeting the vPvB criteria of REACH regulation, in accordance with Annex XIII	1,4-dioxane (123-91-1)(¹)
⁽¹⁾ Substance(s) in concentration below 0.1 % and displayed on a voluntary basis	
12.6. Endocrine disrupting properties	
No additional information available	
12.7. Other adverse effects	
TAHITIAN RAINFOREST ODOR ELIMINATOR #EU48499F	
Other information	Avoid release to the environment.
Geranium oil Egyptian (8000-46-2)	
Other information	Avoid release to the environment.
Cyclamal (103-95-7)	
Other information	Avoid release to the environment.

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benzyl benzoate (120-51-4)

Other information

Avoid release to the environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste treatment methods	: Dispose of contents/container in accordance with licensed collector's sorting instructions.
Product/Packaging disposal recommendations	: Dispose of contents/container in accordance with local/national laws and regulations. Dispose in a safe manner in accordance with local/national regulations.
Ecological waste information	: Avoid release to the environment.
HP Code	: HP10 - "Toxic for reproduction:" waste which has adverse effects on sexual function and fertility in adult males and females, as well as developmental toxicity in the offspring. HP13 - "Sensitising:" waste which contains one or more substances known to cause sensitising effects to the skin or the respiratory organs. HP14 - "Ecotoxic:" waste which presents or may present immediate or delayed risks for one or more sectors of the environment HP15 - "Waste capable of exhibiting a hazardous property listed above not directly displayed by the original waste".

SECTION 14: Transport information

In accordance with ADR / IMDG / IATA / ADN / RID

ADR	IMDG	IATA	ADN	RID
14.1. UN number or ID number				
UN 3082	UN 3082	UN 3082	Not regulated	Not regulated
14.2. UN proper shipping name				
ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Vertofix)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Vertofix)	Environmentally hazardous substance, liquid, n.o.s. (Vertofix)	Not regulated	Not regulated
Transport document description				
UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Vertofix), 9, III, (-)	UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Vertofix), 9, III, MARINE POLLUTANT	UN 3082 Environmentally hazardous substance, liquid, n.o.s. (Vertofix), 9, III	Not regulated	Not regulated
14.3. Transport hazard class(es)				
9	9	9	Not regulated	Not regulated
			Not regulated	Not regulated
14.4. Packing group				
III	III	III	Not regulated	Not regulated

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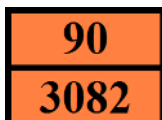
according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

ADR	IMDG	IATA	ADN	RID
14.5. Environmental hazards				
Dangerous for the environment: Yes	Dangerous for the environment: Yes Marine pollutant: Yes EmS-No. (Fire): F-A EmS-No. (Spillage): S-F	Dangerous for the environment: Yes	Not regulated	Not regulated
No supplementary information available				

14.6. Special precautions for user

Overland transport

Classification code (ADR)	: M6
Special provisions (ADR)	: 274, 335, 375, 601
Limited quantities (ADR)	: 5I
Excepted quantities (ADR)	: E1
Packing instructions (ADR)	: P001, IBC03, LP01, R001
Special packing provisions (ADR)	: PP1
Mixed packing provisions (ADR)	: MP19
Portable tank and bulk container instructions (ADR)	: T4
Portable tank and bulk container special provisions (ADR)	: TP1, TP29
Tank code (ADR)	: LGBV
Vehicle for tank carriage	: AT
Transport category (ADR)	: 3
Special provisions for carriage - Packages (ADR)	: V12
Special provisions for carriage - Loading, unloading and handling (ADR)	: CV13
Hazard identification number (Kemler No.)	: 90
Orange plates	:



Tunnel restriction code (ADR)

: -

Transport by sea

Special provisions (IMDG)	: 274, 335, 969
Limited quantities (IMDG)	: 5 L
Excepted quantities (IMDG)	: E1
Packing instructions (IMDG)	: LP01, P001
Special packing provisions (IMDG)	: PP1
IBC packing instructions (IMDG)	: IBC03
Tank instructions (IMDG)	: T4
Tank special provisions (IMDG)	: TP1, TP29
Stowage category (IMDG)	: A

Air transport

PCA Excepted quantities (IATA)	: E1
PCA Limited quantities (IATA)	: Y964
PCA limited quantity max net quantity (IATA)	: 30kgG
PCA packing instructions (IATA)	: 964
PCA max net quantity (IATA)	: 450L
CAO packing instructions (IATA)	: 964
CAO max net quantity (IATA)	: 450L
Special provisions (IATA)	: A97, A158, A197, A215
ERG code (IATA)	: 9L

Inland waterway transport

Not regulated

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Rail transport

Not regulated

14.7. Maritime transport in bulk according to IMO instruments

Not applicable

SECTION 15: Regulatory information

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

EU-Regulations

REACH Annex XVII (Restriction List)

EU restriction list (REACH Annex XVII)		
Reference code	Applicable on	Entry title or description
3(a)	Isononyl aldehyde ; Orange oil	Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard classes 2.1 to 2.4, 2.6 and 2.7, 2.8 types A and B, 2.9, 2.10, 2.12, 2.13 categories 1 and 2, 2.14 categories 1 and 2, 2.15 types A to F
3(b)	TAHITIAN RAINFOREST ODOR ELIMINATOR #EU48499F ; Hexyl cinnamic aldehyde ; Vertofix ; 1- (1,2,3,4,5,6,7,8- Octahydro-2,3,8,8- tetramethyl-2- naphthalenyl)ethanone ; Florol ; Hydroxy ; Benzyl salicylate ; Helional ; Patchouli oil ; Citronello Pure ; Cyclamal ; Isononyl aldehyde ; Hexyl salicylate ; Eugenol ; Aldehyde C-12 ; Triplal (Vertocitral) ; Benzyl benzoate ; Geranium oil Egyptian ; Orange oil	Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard classes 3.1 to 3.6, 3.7 adverse effects on sexual function and fertility or on development, 3.8 effects other than narcotic effects, 3.9 and 3.10
3(c)	TAHITIAN RAINFOREST ODOR ELIMINATOR #EU48499F ; Hexyl cinnamic aldehyde ; Vertofix ; 1- (1,2,3,4,5,6,7,8- Octahydro-2,3,8,8- tetramethyl-2- naphthalenyl)ethanone ; Benzyl salicylate ; Helional ; Patchouli oil ; Verdox ; Cyclamal ; Hexyl salicylate ; Triplal (Vertocitral) ; Benzyl benzoate ; Geranium oil Egyptian ; Orange oil	Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard class 4.1

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EU restriction list (REACH Annex XVII)		
Reference code	Applicable on	Entry title or description
40.	Isononyl aldehyde ; Orange oil	Substances classified as flammable gases category 1 or 2, flammable liquids categories 1, 2 or 3, flammable solids category 1 or 2, substances and mixtures which, in contact with water, emit flammable gases, category 1, 2 or 3, pyrophoric liquids category 1 or pyrophoric solids category 1, regardless of whether they appear in Part 3 of Annex VI to Regulation (EC) No 1272/2008 or not.

REACH Annex XIV (Authorisation List)

Contains no substance(s) listed on REACH Annex XIV (Authorisation List)

REACH Candidate List (SVHC)

Contains substance(s) listed on the REACH Candidate List < 0.1% or SCL: 1,4-dioxane (EC 204-661-8, CAS 123-91-1).

PIC Regulation (Prior Informed Consent)

Contains substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals): Ethylene oxide (75-21-8)

POP Regulation (Persistent Organic Pollutants)

Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)

Ozone Regulation (2024/590)

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 2024/590 on substances that deplete the ozone layer)

Council Regulation (EC) for the control of dual-use items

Contains no substance subject to the COUNCIL REGULATION (EC) for the control of dual-use items

VOC Directive (2004/42)

VOC content : 9.334402 % (calculated value)(CARB VOC) (%w/w)

Explosives Precursors Regulation (EU 2019/1148)

Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)

Drug Precursors Regulation (EC 273/2004)

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

Abbreviations and acronyms:	
ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
ATE	Acute Toxicity Estimate
BCF	Bioconcentration factor
BLV	Biological limit value
BOD	Biochemical oxygen demand (BOD)
COD	Chemical oxygen demand (COD)
DMEL	Derived Minimal Effect level
DNEL	Derived-No Effect Level
EC-No.	European Community number
EC50	Median effective concentration

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Abbreviations and acronyms:	
EN	European Standard
IARC	International Agency for Research on Cancer
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
LC50	Median lethal concentration
LD50	Median lethal dose
LOAEL	Lowest Observed Adverse Effect Level
NOAEC	No-Observed Adverse Effect Concentration
NOAEL	No-Observed Adverse Effect Level
NOEC	No-Observed Effect Concentration
OECD	Organisation for Economic Co-operation and Development
OEL	Occupational Exposure Limit
PBT	Persistent Bioaccumulative Toxic
PNEC	Predicted No-Effect Concentration
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
SDS	Safety Data Sheet
STP	Sewage treatment plant
ThOD	Theoretical oxygen demand (ThOD)
TLM	Median Tolerance Limit
VOC	Volatile Organic Compounds
CAS-No.	Chemical Abstracts Service number
N.O.S.	Not Otherwise Specified
vPvB	Very Persistent and Very Bioaccumulative
ED	Endocrine disruptor

Data sources

: REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.

Other information

: None.

Full text of H- and EUH-statements:	
Acute Tox. 3 (Inhalation)	Acute toxicity (inhal.), Category 3
Acute Tox. 3 (Oral)	Acute toxicity (oral), Category 3
Acute Tox. 4 (Inhalation)	Acute toxicity (inhal.), Category 4
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Acute 1	Hazardous to the aquatic environment – Acute Hazard, Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment – Chronic Hazard, Category 1
Aquatic Chronic 2	Hazardous to the aquatic environment – Chronic Hazard, Category 2
Aquatic Chronic 3	Hazardous to the aquatic environment – Chronic Hazard, Category 3
Asp. Tox. 1	Aspiration hazard, Category 1

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Full text of H- and EUH-statements:	
Carc. 1A	Carcinogenicity, Category 1A
Carc. 1B	Carcinogenicity, Category 1B
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Flam. Gas 1	Flammable gases, Category 1
Flam. Liq. 2	Flammable liquids, Category 2
Flam. Liq. 3	Flammable liquids, Category 3
Muta. 1B	Germ cell mutagenicity, Category 1B
Press. Gas	Gases under pressure
Repr. 1B	Reproductive toxicity, Category 1B
Repr. 2	Reproductive toxicity, Category 2
Skin Corr. 1	Skin corrosion/irritation, Category 1
Skin Irrit. 2	Skin corrosion/irritation, Category 2
Skin Sens. 1	Skin sensitisation, Category 1
Skin Sens. 1B	Skin sensitisation, category 1B
STOT RE 1	Specific target organ toxicity – Repeated exposure, Category 1
STOT SE 3	Specific target organ toxicity – Single exposure, Category 3, Respiratory tract irritation
H220	Extremely flammable gas.
H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
H301	Toxic if swallowed.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H331	Toxic if inhaled.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness.
H340	May cause genetic defects.
H350	May cause cancer.
H360Fd	May damage fertility. Suspected of damaging the unborn child.
H361	Suspected of damaging fertility or the unborn child.
H361d	Suspected of damaging the unborn child.
H372	Causes damage to organs through prolonged or repeated exposure.
H400	Very toxic to aquatic life.

TAHITIAN RAINFOREST ODOR ELIMINATOR #EU48499F

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Full text of H- and EUH-statements:	
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.

The classification complies with : ATP 12

Safety Data Sheet (SDS), EU

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.