PURUS

Розмарин · цинеол · доставчикова документация

РАБОТЕН КОМПЛЕКТ · НЕПОТВЪРДЕНА ТЕКУЩА ПАРТИДНА ПРИЛОЖИМОСТ

Код 10396 · Произход: Мароко · Историческа партида/запис: 60658

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Историческият материал е Rosmarinus officinalis, цинеолов тип, Мароко. Не е заменен с вербенонов тип или материал от Тунис.

Съдържание на комплекта

Документ	Страници
Архивен доставчиков COA · партида 60658	2–3
Технически лист · Мароко	4–6
Козметични алергени	7
Хранителни алергени	8
IFRA · изменение 49	9–12
SDS · версия 4.0 · 12.06.2020	13–28
Хранителна декларация	29

Остава за получаване / потвърждение

GC/GC-MS с потвърден метод за действителната партида; текуща партидна връзка и актуални версии.

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PURUS document review: 10.11.2026 - technical content unchanged
Document presentation review; originallaboratory and supplierdates retained.

CERTIFICAT D'ANALYSE / ANALYSIS CERTIFICATE

Romarin Cinéol (HE) Bio — **Maroc**
Rosmarinus officinalis L. — **Lot N°** **60658**

Produit 100% pur et naturel / Product 100% pure and natural
Produit Issu de l'agriculture biologique certifié par FR-BIO-01

Date Analyse 29/09/2020

Données physiques / Physical data		déterminées à 20°C / determined at 20°C	
Densité / Specific gravity	0.911	Indice d'acide	
Indice de réfraction / Refractive index	1,4670	Indice de peroxyde	
Pouvoir rotatoire / Optical rotation	3,30	Indice iode	

Principaux composants / Main components (* : reconnu allergisant / recognized as allergen)

Composants	**Taux / %**
Alpha pinène	14.87
Camphène	4.58
Beta Pinène	4.14
Myrcène	1.40
Alpha terpinène	0.52
Limonène*	2.52
1,8 Cinéole	40.84
Beta Phellandrène	0.58
Paracymène	1.58
Camphre	14.44
Linalol *	1.03
Bornyl acetate	0.47
Terpinen-4-ol	0.71
Beta Caryophyllène	3.50
Alpha terpinéol	2.15
Bornéol	2.70
Verbenone	0.11

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ДОСТАВЧИКОВ ДОКУМЕНТ · АРХИВНА ВЕРСИЯ
Розмарин · цинеол · код 10396

CERTIFICAT D'ANALYSE / ANALYSIS CERTIFICATE

PURUS document review: 10.11.2026 - technical content unchanged
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Créé le 28/04/2015

TECHNICAL DATA SHEET / FICHE TECHNIQUE

Modifié le 11/09/2018

Huile essentielle de Romarin cinéol, Bio, Maroc
Rosemary (cineol) essential oil, organic, Morocco

Rosmarinus officinalis L.

Code Produit : 10396

Directives CE 91/55/CEE, Règlement CE n°1907/2006 (annexe II, article 31 : REACH), Code of Practice 2008-EFFA

METHOD OF EXTRACTION / MÉTHODE D'OBTENTION

Common name/Nom commercial:	Romarin Cinéol (HE) Bio / Rosemary (cineol) Organic Essential Oil
Organic Proportion / Pourcentage Bio :	100,00 %
Certification ECOCERT :	AB
Geographic origin of the plant/Origine géographique de la plante :	Maroc / Morocco
Method of growing/Croissance:	Growing, certification non GMO/Culture, certifiée non OGM
Method of extraction/Méthode d'obtention:	Vapor steam distillation/Distillation vapeur d'eau
Distilled part/Partie distillée :	Aerial part/Parties aériennes

ORGANOLEPTIC PROPERTIES / PROPRIETES ORGANOLEPTIQUES

Appearance/Aspect :	Liquid/Liquide
Color/Couleur :	Colourless to pale yellow or greenish yellow/Incolore à jaune pâle ou jaune verdâtre
Odor/Odeur :	Aromatic, balsamic, cineol-like, more or less camphorated/Aromatique, balsamique, cinéolée, plus ou moins camphrée.

PHYSICO-CHEMICAL PROPERTIES / CARACTERISTIQUES PHYSICO-CHIMIQUES

Specific gravity/Densité :	[0,907 ... 0,920]	***Peroxyd value/Indice peroxyde :***	
Refractive index /Indice de réfraction :	[1,464 ... 1,470]	***Acid value/Indice acide :***	
Optical rotation/Pouvoir rotatoire :	[-2,000 ... 5,000] °	***INS/Indice saponification :***	
Flash point/Point éclair :	43,00 °C	***Anisidin value/Indice anisidine :***	

MAIN COMPONENTS / PRINCIPAUX COMPOSANTS

Composés	Concentration (%)		N°CAS	N°EINECS
	Min	Max		
1,8 cinéole	38,00 %	55,00 %	470-82-6	207-431-5
Camphre	5,00 %	15,00 %	76-22-2	200-945-0
Alpha pinène	9,00 %	14,00 %	80-56-8	201-291-9

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Créé le 28/04/2015

TECHNICAL DATA SHEET / FICHE TECHNIQUE

Modifié le 11/09/2018

LEGISLATION / LEGISLATION

CNS, Natural Complex Substances/ SNC, Substance Naturelle Complexe:	100% pure and natural/100% pure et naturelle
Latin Name / Nom Latin :	Rosmarinus officinalis L.
INCI CTFA Name :	ROSMARINUS OFFICINALIS (ROSEMARY) LEAF OIL*
N° CAS TSCA :	8000-25-7
N° CAS EINECS:	84604-14-8
N°EINECS :	283-291-9
N°FEMA :	2992
N°CoE :	406
N°FDA :	182.20

REGULATORY INFORMATIONS / INFORMATIONS REGLEMENTAIRES

HAZARDS IDENTIFICATION / IDENTIFICATION DES DANGERS :

List of classes and hazard categories / Liste des classes et catégories de danger (Règlement (CE) n° 1272/2008)

H226: Flammable liquid and vapour/Liquide et vapeurs inflammables.
H304: May be fatal if swallowed and enters airways/Peut être mortel en cas d'ingestion et de pénétration dans les voies respiratoires.
H317: May cause an allergic skin reaction/Peut provoquer une allergie cutanée.
H315 : Causes skin irritation. - Provoque une irritation cutanée.
H319 : Causes serious eye irritation. - Provoque une sévère irritation des yeux.
H371: May cause damage to organs/Risque présumé d'effets graves pour les organes.
H400 : Very toxic to aquatic life. - Très toxique pour les organismes aquatiques.
H410: Very toxic to aquatic life with long lasting effects/Très toxique pour les organismes aquatiques, entraîne des effets néfastes à long terme.

List of safety recommendations / Liste des conseils de prudence (Règlement (CE) n° 1272/2008)

P301 + P310: IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician./EN CAS D'INGESTION: appeler immédiatement un CENTRE ANTIPOISON ou un médecin.
P303 + 361 + 353 : IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. - EN CAS DE CONTACT AVEC LA PEAU (ou les cheveux): enlever immédiatement les vêtements contaminés. Rincer la peau à l'eau/se doucher.
P305 + 351 + 338 : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. - EN CAS DE CONTACT AVEC LES YEUX: rincer avec précaution à l'eau pendant plusieurs minutes. Enlever les lentilles de contact si la victime en porte et si elles peuvent être facilement enlevées. Continuer à rincer.
P308 + 311 : IF exposed or concerned: Call a POISON CENTER or doctor/physician. - En cas d'exposition prouvée ou suspectée: Appeler un CENTRE ANTI-POISON ou un médecin.
P333 + 313 : If skin irritation or rash occurs: Get medical advice/attention. - En cas d'irritation ou d'éruption cutanée: consulter un médecin.
P403 + 235 : Store in a well-ventilated place. Keep cool. - Stocker dans un endroit bien ventilé. Tenir au frais.
P501 : Dispose of contents / container at collecting hazardous or special waste, according to Local, regional, national and / or international. - Éliminer le contenu/récipient dans un centre de collecte des déchets dangereux ou spéciaux, conformément à la règlementation locale, régionale, nationale et/ ou internationale.

SUBSTANCE CLASSIFICATION CMR (CARCINOGENIC, MUTAGENIC, TOXIC FOR REPRODUCTION) / CLASSIFICATION SUBSTANCE CMR (CARCERONOGENE, MUTAGENE, TOXIQUE POUR LA REPRODUCTION) :

Not regulated/Non réglementé

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Créé le 28/04/2015

TECHNICAL DATA SHEET / FICHE TECHNIQUE

Modifié le 11/09/2018

HANDLING, STORAGE AND SHELF LIFE / MANIPULATION, STOCKAGE ET DURÉE DE VIE

Handling/Manipulation : Wear safety glasses, gloves and apron when handling.Do not ingest. Keep away from food/beverage. Do not smoke near. Do not breathe hot vapors. Do not heat at open flame or expose vapors to a flame or ignition sources. Work in a well-ventilated area./Porter des lunettes de protection, des gants et une blouse pendant l'utilisation. Eviter le contact avec le produit. Ne pas ingérer. Tenir éloigné de toute nourriture/boisson. Ne pas fumer à proximité. Ne pas respirer les vapeurs. Ne pas chauffer à flamme nue, ni exposer les vapeurs à une flamme ou à une autre source d'ignition. Une bonne aération des locaux est souhaitable.

Storage/Stockage : Do not store in close proximity to heat, sparks, open flames, strong acids, strong bases. To minimise product degradation, avoid prolonged exposure of the material to air. Keep container tightly closed when not in use./Ne pas conserver à proximité d'une source de chaleur, étincelles, flammes, acides et bases fortes. Pour minimiser la dégradation du produit, éviter l'exposition prolongée à l'air. Garder l'emballage hermétiquement fermé quand non utilisé.

Shelf life/Péremption : 36 months/mois

TRANSPORT

Transport par route ADR/RID : UN N°1169, Class/Classe 3, Packing Group/Groupe d'emballage III

Transport maritime IMDG : UN N°1169, Class/Classe 3, Packing Group/Groupe d'emballage III

Polluant marin : Yes/Oui

Transport aérien IATA : N°UN 1169, Class/Classe 3, Packing Group/Groupe d'emballage III

COSMETIC REQUIREMENTS & RESTRICTIONS / EXIGENCES & RESTRICTIONS PRODUITS COSMETIQUES

Code of Practice IFRA 48th Amendment: Fragrance and flavor use/Agent parfumant et aromatisant

Allergens/Allergènes: The presence of allergens in the finished product must be indicated by labeling if their concentration exceeds the respective 100 ppm in rinsed products and 10 ppm in a non-rinsed. (7th Amendment European Cosmetic Directive 2003/15/EC)/ La présence de substances allergènes dans un produit fini doit être indiquée par voie d'étiquetage si leur concentration respective dépasse 100 ppm dans un produit rincé et 10 ppm dans un produit non rincé. (7ème amendement Directive Cosmétique Européenne 2003/15/CE)

Limonène* [1.50...4.00],Linalol * [0.30...2.00],Citronellol * [0.00...0.05],Géraniol * [0.00...0.05]

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CERTIFICAT ALLERGÈNES COSMETIQUES
COSMETIC ALLERGENS CERTIFICATE

Selon Règlement (CE) n° 1223/2009 du parlement européen et du conseil du 30 novembre 2009 relatif aux produits cosmétiques /
According to Regulation (EC) n°1223/2009 of the European Parliament and the Council of 30 November 2009 on cosmetic products.

Huile essentielle Huile essentielle de Romarin Cinéol, Bio, TOC
ROSMARINUS OFFICINALIS (ROSEMARY) LEAF OIL*

Code article / Article code 10396

SUBSTANCE / SUBSTANCE	NOM INCI /INCI NAME	N°CAS / CAS NUMBER	CONCENTRATION MAXIMALE / MAXIMUM CONCENTRATION (%)	ALLERGENES ETIQUETABLES SI PRODUIT FINI (OUI / NON)
Gamma methyl ionone (3-methyl-4 (2,6,6-trimethyl-2-cyclohexen-1-yl) -3-buten-2-one)	Alpha isomethyl Ionone	127-51-5		
Amyl cinnamal	Amyl Cinnamal	122-40-7		
Amylcinnamyl alcohol	Amylcinnamyl Alcohol	101-85-9		
Anisyl alcohol	Anise Alcohol	105-13-5		
Benzy alcohol	Benzyl Alcohol	100-51-6		
Benzyl benzoate	Benzyl Benzoate	120-51-4		
Benzyl cinnamate	Benzyl Cinnamate	103-41-3		
Salicylate de benzyle	Benzyl Salicylate	118-58-1		
2-methyl-3-(4-1(1,1-dimethylethyl) phenyl)propanal lilial)	Butylphenyl Methylpropional	80-54-6		
Cinnamal	Cinnamal	104-55-2		
Alcool cinnamique	Cinnamyl Alcohol	104-54-1		
Citral (Géranial+Néral)	Citral	5392-40-5		
Citronellol	Citronellol	106-22-9	0,05	
Coumarine	Coumarin	91-64-5		
Eugénol	Eugenol	97-53-0	0,03	
Mousse d'arbre	Evernia Furfuracea (Treemoss) extract	90028-67-4		
Mousse de chêne	Evernia Prunasti (Oakmoss)	90028-68-5		
Farnésol	Farnesol	4602-84-0		
Géraniol	Geraniol	106-24-1	0,05	
Hexyl cinnamaldéhyde	Hexyl cinnamal	101-86-0		
Hydroxycitronellal	Hydroxycitronellal	107-75-5		
Hydroxymethylpenthylcyclohexenec arboxaldehyde (lyral)	Hydroxyisohexyl 3-cyclohexene carboxaldehyde	31906-04-4		
Isoeugénol	Isoeugenol	97-54-1		
Limonène	Limonene	5989-27-5	4	
Linalol	Linalool	78-70-6	2	
Methyl heptine carbonate	Methyl 2-octynoate	111-12-6		

**Ingrédient issu de l'Agriculture Biologique*

Оформление PURUS · ЕИК 206367998 · office@purus.bg · www.purus.bg
Оформлението е проверено: 2026 · 7 / 29
Партидна приложимост към текуща наличност: непотвърдена

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CERTIFICAT ALLERGÈNES ALIMENTAIRES

ENR-QR-008 V05 FR
Créé le 10/10/2014
Modifié le 09/04/2016
Applicable au 09/04/2016

Selon Règlement UE N°1169/2011 du parlement européen et du conseil, Annexe II

Huile essentielle de Romarin cinéol, Bio, Toutes Origines Confondues

Rosmarinus officinalis L.

Code article 10396

Allergènes alimentaires	Absence (A) ou présence (P)	Risque de C/C* Oui ou Non
Céréales contenant du gluten (blé, seigle, orge, avoine, épeautre, kamut ou leurs souches hybridées) et produits à base de ces céréales	A	Non
Crustacés et produits à base de crustacés	A	Non
Œufs et produits à base d'œufs	A	Non
Poissons et produits à base de poissons	A	Non
Mollusques et produits à base de mollusques	A	Non
Arachides et produits à base d'arachides	A	Non
Soja et produits à base de soja	A	Non
Lait et produits à base de lait (y compris lactose)	A	Non
Fruits à coque : amandes (*Amygdalus communis* L.), noisettes (*Corylus avellana*), noix (*Juglans regia*), noix de cajou (*Anacardium occidentale*), noix de pécan [*Carya illinoinensis* (Wangenh.) K. Koch], noix du Brésil (*Bertholletia excelsa*), pistaches (*Pistacia vera*), noix de Macadamia ou du Queensland (*Macadamia ternifolia*), et produits à base de ces fruits	A	Non
Céleri et produits à base de céleri	A	Non
Moutarde et produits à base de moutarde	A	Non
Graines de sésame et produits à base de graines de sésames	A	Non
Anhydride sulfureux et sulfites en concentrations de plus de 10 mg/kg ou 10 mg/l exprimé en SO_2 pour les produits proposés prêts à consommer ou reconstitués conformément aux instructions du fabricant.	A	Non
Lupin et produits à base de lupin	A	Non

**Risque de contamination croisée, traces*

CERTIFICATE OF CONFORMITY OF FRAGRANCE MIXTURES WITH IFRA STANDARDS

This certificate assesses the conformity of the fragrance mixture with IFRA Standards and provides restrictions for use as necessary. It is based only on those materials subject to IFRA Standards for the toxicity endpoint(s) described in each Standard.

This certificate does therefore not replace a comprehensive safety assessment of the fragrance mixture.

CERTIFYING PARTY:

Original supplier; identity preserved in the private source archive.

SCOPE OF THE CERTIFICATE:

Product: Rosemary (cineol) essential oil, Organic, all origins

Product code: 10396TOC

Compulsory information:

We certify that the above mixture is in compliance with the Standards of the INTERNATIONAL FRAGRANCE ASSOCIATION (IFRA), up to and including the 49th Amendment to the IFRA Code of Practice (published January, 2020) provided it is used in the following class(es) at a maximum concentration level of:

IFRA Category(ies) [see Table 10 in Guidance for the use of IFRA Standards for details]	Level of use (%)*	Product application
Category 1	1.93333333 %	Lip Products of all types (solid and liquid lipsticks, balms, clear or colored, etc.) Children's toys
Category 2	7.66666667 %	Deodorant and antiperspirant products of all types including any product with intended or reasonably foreseeable use on the axillae or labelled as such (spray, stick, roll-on, under-arm, deocologne, etc.) Body sprays (including body mist)
Category 3	0.96666667 %	Eye products of all types (eye shadow, mascara, eyeliner, eye make-up, eye masks, eye pillows, etc.) including eye care and moisturizer Facial make up and foundation Make-up remover for face and eyes Nose pore strips Wipes or refreshing tissues for face, neck, hands, body Body and face paint (for children and adults) Facial masks for face and around the eyes
Category 4	53.33333333 %	Hydroalcoholic and non-hydroalcoholic fine fragrance of all types (Eau de Toilette, Parfum, Cologne, solid perfume, fragrancing cream, aftershaves of all types,

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		etc.) Fragranced bracelets Ingredients of perfume kits and fragrance mixtures for cosmetic kits Scent pads, foil packs Scent strips for hydroalcoholic products
Category 5A	6.66666667 %	Body creams, oils, lotions of all types Foot care products (creams and powders) Insect repellent (intended to be applied to the skin) All powders and talc (excluding baby powders and talc)
Category 5B	1.93333333 %	Facial toner Facial moisturizers and creams
Category 5C	1.93333333 %	Hand cream Nail care products including cuticle creams, etc. Hand sanitizers
Category 5D	0.63333333 %	Baby cream/lotion, baby oil, baby powders and talc
Category 6	4.66666667 %	Toothpaste Mouthwash, including breath sprays Toothpowder, strips, mouthwash tablets
Category 7A	1.93333333 %	Hair permanent or other hair chemical treatments (rinse-off) (e.g. relaxers), including rinse-off hair dyes
Category 7B	1.93333333 %	Hair sprays of all types (pumps, aerosol sprays, etc.) Hair styling aids non sprays (mousse, gels, leave- on conditioners) Hair permanent or other hair chemical treatments (leave-on) (e.g. relaxers), including leave-on hair dyes Shampoo - Dry (waterless shampoo) Hair deodorizer
Category 8	0.63333333 %	Intimate wipes Tampons Baby wipes Toilet paper (wet)
Category 9	2.9 %	Bar soap Shampoo of all type Cleanser for face (rinse-off) Conditioner (rinse-off) Liquid soap Body washes and shower gels of all types Baby wash, bath, shampoo Bath gels, foams, mousses, salts, oils and other products added to bathwater Foot care products (feet are placed in a bath for soaking) Shaving creams of all types (stick, gels, foams, etc.) All depilatories (including facial) and waxes for mechanical hair removal Shampoos for pets
Category 10A	2.9 %	Hand wash laundry detergent (including concentrates) Laundry pre-treatment of all types (e.g.paste, sprays, sticks) Hand dishwashing detergent (including concentrates)

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		Hard surface cleaners of all types (bathroom and kitchen cleansers,furniture polish, etc.) Machine laundry detergents with skin contact (e.g. liquids, powders) including concentrates Dry cleaning kits Toilet seat wipes Fabric softeners of all types including fabric softener sheets Household cleaning products, other types including fabric cleaners, soft surface cleaners, carpet cleaners, furniture polishes sprays and wipes, leather cleaning wipes, stain removers, fabric enhancing sprays, treatment products for textiles (e.g. starch sprays, fabric treated with fragrances after wash, deodorizers for textiles or fabrics) Floor wax Fragranced oil for lamp ring, reed diffusers, pot-pourri, liquid refills for air fresheners (non-cartridge systems), etc. Ironing water (Odorized distilled water)
Category 10B	10.66666667 %	Animal sprays – sprays applied to animals of all types Air freshener sprays, manual, including aerosol and pump Aerosol/spray insecticides
Category 11A	0.63333333 %	Feminine hygiene conventional pads,liners, interlabial pads Diapers (baby and adult) Adult incontinence pant, pad Toilet paper (dry)
Category 11B	0.63333333 %	Tights with moisturizers Scented socks, gloves Facial tissues (dry tissues) Napkins Paper towels Wheat bags Facial masks (paper/protective) e.g.surgical masks not used as medicaldevice Fertilizers, solid (pellet or powder)
Category 12	100 %	Candles of all types (including encased) Laundry detergents for machine wash with minimal skin contact (e.g. Liquid tabs, pods) Automated air fresheners and fragrancing of all types (concentrated aerosol with metered doses (range 0.05-0.5mL/spray), plug-ins, closed systems, solid substrate, membrane delivery, electrical, powders, fragrancing sachets, incense, liquid refills (cartridge), air freshening crystals) Air delivery systems Cat litter Cell phone cases Deodorizers/maskers not intended for skin contact (e.g. fabric drying machine deodorizers, carpet powders) Fuels Insecticides (e.g. mosquito coil, paper, electrical, for clothing) excluding aerosols/sprays

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		Joss sticks or incense sticks Dishwash detergent and deodorizers – for machine wash Olfactive board games Paints Plastic articles (excluding toys) Scratch and sniff Scent pack Scent delivery system (using dry air technology) Shoe polishes Rim blocks (Toilet)

**Actual use level or maximum use level*

For other kinds of application or use at higher concentration levels, a new evaluation may be needed;

Information about presence and concentration of fragrance ingredients subject to IFRA Standards in the fragrance mixture (Rosemary (cineol) essential oil, Organic, all origins) is as follows:

Materials under the scope of IFRA Standards	CAS-No.	Recommendation from IFRA Standard:	Concentration (%) in fragance mixture or finished product
Citral	106-26-3 141-27-5 5392-40-5	Restricted	0.2
Citronellol	106-22-9 1117-61-9 141-25-3 26489-01-0 6812-78-8 68916-43-8 7540-51-4	Restricted	0.05
Geraniol	106-24-1	Restricted	0.05
Methyl eugenol	93-15-2	Restricted	0.03
Eugenol	97-53-0	Restricted	0.03
Limonene	138-86-3 7705-14-8 5989-27-5 5989-54-8	Specification	4
Linalool	126-90-9 126-91-0 78-70-6	Specification	2

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PURUS document review: 10.11.2026 - technical content unchanged
Document presentation review; originallaboratory and supplierdates retained.

Rosemary (cineol) essential oil, Organic, all origins

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830
Issue date: 6/26/2019 Revision date: 6/12/2020 Supersedes: 4/21/2020 Version: 4.0

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

1.1. Product identifier

Product form	: Substance
Substance name	: Rosemary (cineol) essential oil, Organic, all origins
EC-No.	: 283-291-9
CAS-No.	: 8000-25-7
Product code	: 10396TOC
Type of product	: Essential oil
Product group	: Raw material

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

1.2.1. Relevant identified uses

Main use category	: Industrial use,Professional use
Function or use category	: Cosmetics

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Original supplier details: preserved in the private source archive.

1.4. Emergency telephone number

No additional information available

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

Flammable liquids, Category 3	H226
Skin corrosion/irritation, Category 2	H315
Serious eye damage/eye irritation, Category 1	H318
Skin sensitisation, Category 1	H317
Specific target organ toxicity — Single exposure, Category 2	H371
Hazardous to the aquatic environment — Chronic Hazard, Category 2	H411

Full text of H statements : see section 16

Adverse physicochemical, human health and environmental effects

Flammable liquid and vapour. May cause damage to organs. Harmful if swallowed. Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation. Toxic to aquatic life with long lasting effects. Causes serious eye damage.

2.2. Label elements

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

Hazard pictograms (CLP) :



GHS02 GHS05 GHS07 GHS08 GHS09

Signal word (CLP) : Danger

Hazard statements (CLP) : H226 - Flammable liquid and vapour.
H315 - Causes skin irritation.
H317 - May cause an allergic skin reaction.
H318 - Causes serious eye damage.
H371 - May cause damage to organs.
H411 - Toxic to aquatic life with long lasting effects.

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Precautionary statements (CLP) : P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.
P280 - Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.
P305+P351+P338+P310 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor.
P321 - Specific treatment (see supplemental first aid instruction on this label).
P391 - Collect spillage.

2.3. Other hazards

No additional information available

SECTION 3: Composition/information on ingredients

3.1. Substances

Name : Rosemary (cineol) essential oil, Organic, all origins

CAS-No. : 8000-25-7

EC-No. : 283-291-9

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
1,8 Cineole	(CAS-No.) 470-82-6 (EC-No.) 207-431-5	25 – 80	Flam. Liq. 3, H226 Skin Sens. 1B, H317
Camphor	(CAS-No.) 76-22-2 (EC-No.) 200-945-0	5 – 20	STOT SE 2, H371 Skin Irrit. 2, H315 Flam. Sol. 2, H228 Eye Dam. 1, H318 Aquatic Chronic 2, H411 Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Inhalation), H332
Alpha pinene	(CAS-No.) 80-56-8 (EC-No.) 201-291-9 (REACH-no) 01-2119519223-49	5 – 20	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1, H317 Asp. Tox. 1, H304
Beta Pinene	(CAS-No.) 127-91-3 (EC-No.) 204-872-5	1 – 10	Asp. Tox. 1, H304 Aquatic Acute 1, H400 Aquatic Chronic 1, H410 Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1B, H317
Camphene	(CAS-No.) 79-92-5 (EC-No.) 201-234-8	1 – 10	Flam. Sol. 2, H228 Eye Irrit. 2, H319 Aquatic Chronic 1, H410
Borneol	(CAS-No.) 507-70-0 (EC-No.) 208-080-0	1 – 10	Skin Irrit. 2, H315 Flam. Sol. 1, H228 Aquatic Chronic 2, H411
Beta Caryophyllene	(CAS-No.) 87-44-5 (EC-No.) 201-746-1	0.1 – 5	Asp. Tox. 1, H304 Aquatic Chronic 4, H413 Skin Sens. 1B, H317
Limonene	(CAS-No.) 138-86-3 (EC-No.) 227-813-5 (EC Index-No.) 601-029-00-7 (REACH-no) 01-2119529223-47	1 – 5	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1, H317 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
Alpha terpineol	(CAS-No.) 98-55-5 (EC-No.) 202-680-6	1 – 5	Skin Irrit. 2, H315 Eye Irrit. 2, H319
Paracymene	(CAS-No.) 99-87-6 (EC-No.) 202-796-7	0.1 – 5	Repr. 2, H361 Flam. Liq. 3, H226 Asp. Tox. 1, H304 Aquatic Chronic 2, H411
Linalool *	(CAS-No.) 78-70-6 (EC-No.) 201-134-4 (EC Index-No.) 603-235-00-2 (REACH-no) 01-2119474016-42	0.1 – 5	Skin Sens. 1B, H317

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Myrcene	(CAS-No.) 123-35-3 (EC-No.) 204-622-5	1 – 5	Asp. Tox. 1, H304 Eye Irrit. 2, H319 Aquatic Acute 1, H400 Aquatic Chronic 2, H411 Flam. Liq. 3, H226 Skin Irrit. 2, H315
Terpinen-4-ol	(CAS-No.) 562-74-3 (EC-No.) 209-235-5	0.1 – 5	Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Eye Irrit. 2, H319
Gamma terpinene	(CAS-No.) 99-85-4 (EC-No.) 202-794-6	0.1 – 5	Repr. 2, H361 Flam. Liq. 3, H226 Asp. Tox. 1, H304
1-octen-3-ol	(CAS-No.) 3391-86-4 (EC-No.) 222-226-0	< 1	Acute Tox. 3 (Oral), H301 Acute Tox. 4 (Inhalation:dust,mist), H332
Alpha terpinene	(CAS-No.) 99-86-5 (EC-No.) 202-795-1	0.1 – 1	Asp. Tox. 1, H304 Acute Tox. 4 (Oral), H302 Aquatic Chronic 2, H411 Flam. Liq. 3, H226
Alpha Phellandrene	(CAS-No.) 99-83-2 (EC-No.) 202-792-5	0.1 – 1	Asp. Tox. 1, H304 Flam. Liq. 3, H226
Terpinolene	(CAS-No.) 586-62-9 (EC-No.) 209-578-0	0.1 – 1	Asp. Tox. 1, H304 Aquatic Acute 1, H400 Aquatic Chronic 1, H410 Skin Sens. 1B, H317
Sabinene	(CAS-No.) 3387-41-5 (EC-No.) 222-212-4	< 1	Acute Tox. 4 (Oral), H302
Caryophyllene oxide	(CAS-No.) 1139-30-6 (EC-No.) 214-519-7	< 1	Aquatic Chronic 2, H411
Delta 3-carene	(CAS-No.) 13466-78-9 (EC-No.) 236-719-3	< 1	Skin Sens. 1, H317 Skin Irrit. 2, H315 Flam. Liq. 3, H226 Asp. Tox. 1, H304 Aquatic Chronic 1, H410 Aquatic Acute 1, H400 Acute Tox. 4 (Inhalation), H332
Cis Beta Ocimene	(CAS-No.) 3338-55-4 (EC-No.) 222-081-3	< 1	Asp. Tox. 1, H304 Aquatic Acute 1, H400 Aquatic Chronic 2, H411 Flam. Liq. 3, H226 Skin Irrit. 2, H315
Neral	(CAS-No.) 106-26-3 (EC-No.) 203-379-2	< 1	Eye Irrit. 2, H319 Skin Irrit. 2, H315 Skin Sens. 1B, H317
3 Octanone	(CAS-No.) 106-68-3 (EC-No.) 203-423-0	< 1	Flam. Liq. 3, H226
Beta bisabolene	(CAS-No.) 495-61-4	< 0.1	Asp. Tox. 1, H304 Skin Irrit. 2, H315 Skin Sens. 1B, H317
Citronellol *	(CAS-No.) 106-22-9 (EC-No.) 203-375-0 (REACH-no) 01-2119453995-23	< 0.1	Eye Irrit. 2, H319 Skin Irrit. 2, H315 Skin Sens. 1B, H317
Geraniol *	(CAS-No.) 106-24-1 (EC-No.) 203-377-1 (REACH-no) 01-2119552430-49	< 0.1	Skin Sens. 1B, H317 Skin Irrit. 2, H315 Eye Dam. 1, H318
Eugenol	(CAS-No.) 97-53-0 (EC-No.) 202-589-1	< 0.1	Eye Irrit. 2, H319 Skin Sens. 1B, H317
Methyl eugenol	(CAS-No.) 93-15-2 (EC-No.) 202-223-0	< 0.1	Acute Tox. 4 (Oral), H302 Carc. 2, H351 Muta. 2, H341

Full text of H-statements: see section 16

3.2. Mixtures

Not established.

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SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general : IF exposed or concerned: Get medical advice/attention.

First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing.

First-aid measures after skin contact : Rinse skin with water/shower. Take off immediately all contaminated clothing. If skin irritation or rash occurs: Get medical advice/attention.

First-aid measures after eye contact : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician immediately.

First-aid measures after ingestion : Rinse mouth. Call a poison center or a doctor if you feel unwell.

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

Symptoms/effects after skin contact : Irritation. May cause an allergic skin reaction.

Symptoms/effects after eye contact : Eye irritation. Serious damage to eyes.

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

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : Water spray. Dry powder. Foam. Carbon dioxide.

5.2. Special hazards arising from the substance or mixture

Fire hazard : Flammable liquid and vapour.

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

5.3. Advice for firefighters

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Emergency procedures : Ventilate spillage area. No open flames, no sparks, and no smoking. Do not breathe dust/fume/gas/mist/vapours/spray. Avoid contact with skin and eyes.

6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

For containment : Collect spillage.

Methods for cleaning up : Take up liquid spill into absorbent material. Notify authorities if product enters sewers or public waters.

Other information : Dispose of materials or solid residues at an authorized site.

6.4. Reference to other sections

For further information refer to section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Ground/bond container and receiving equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Flammable vapours may accumulate in the container. Use explosion-proof equipment. Wear personal protective equipment. Do not breathe dust/fume/gas/mist/vapours/spray. Avoid contact with skin and eyes.

Hygiene measures : Wash contaminated clothing before reuse. Contaminated work clothing should not be allowed out of the workplace. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Ground/bond container and receiving equipment.

Storage conditions : Store in a well-ventilated place. Keep cool. Keep container tightly closed. Store locked up.

7.3. Specific end use(s)

No additional information available

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SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Camphor (76-22-2)

France - Occupational Exposure Limits	
Local name	Camphre
VME (mg/m³)	12 mg/m³
VME (ppm)	2 ppm
Note (FR)	Valeurs recommandées/admises
Regulatory reference	Circulaire du Ministère du travail (réf.: INRS ED 984, 2016)

8.2. Exposure controls

Appropriate engineering controls:

Ensure good ventilation of the work station.

Hand protection:
Protective gloves

Eye protection:
Safety glasses

Skin and body protection:
Wear suitable protective clothing

Respiratory protection:
In case of insufficient ventilation, wear suitable respiratory equipment

Personal protective equipment symbol(s):



Environmental exposure controls:

Avoid release to the environment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Colour	: Colourless. Clear yellow to greenish yellow.
Odour	: aromatic. balsamic. cineol like. camphor odour.
Odour threshold	: No data available
pH	: No data available
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: Not applicable
Freezing point	: No data available
Boiling point	: No data available
Flash point	: 43 °C
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: Not applicable
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: 0.907 – 0.92
Solubility	: No data available

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Partition coefficient n-octanol/water (Log Pow)	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: No data available

9.2. Other information

Refractive index : 1.464 – 1.47

SECTION 10: Stability and reactivity

10.1. Reactivity

Flammable liquid and vapour.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

Avoid contact with hot surfaces. Heat. No flames, no sparks. Eliminate all sources of ignition.

10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

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

1,8 Cineole (470-82-6)	
LD50 oral	2480 mg/kg bodyweight
LD50 dermal rat	> 2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity), Guideline: EU Method B.3 (Acute Toxicity (Dermal))
ATE CLP (oral)	2480 mg/kg bodyweight

1-octen-3-ol (3391-86-4)	
LD50 oral	175 mg/kg bodyweight
LD50 dermal	3300 mg/kg bodyweight
LC50 inhalation rat (Dust/Mist - mg/l/4h)	3.7 mg/l/4h
ATE CLP (oral)	175 mg/kg bodyweight
ATE CLP (dermal)	3300 mg/kg bodyweight
ATE CLP (dust,mist)	3.7 mg/l/4h

3 Octanone (106-68-3)	
LD50 oral	5000 mg/kg bodyweight
ATE CLP (oral)	5000 mg/kg bodyweight

Alpha pinene (80-56-8)	
LD50 oral	3700 mg/kg bodyweight
LD50 dermal	> 5000 mg/kg bodyweight
ATE CLP (oral)	3700 mg/kg bodyweight

Alpha terpinene (99-86-5)	
LD50 oral	1680 mg/kg bodyweight

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ATE CLP (oral)	500 mg/kg bodyweight

Alpha terpineol (98-55-5)	
LD50 oral rat	4300 mg/kg bodyweight Animal: rat, Animal sex: male, Guideline: OECD Guideline 401 (Acute Oral Toxicity), 95% CL: 2900 - 5700
LD50 oral	4300 mg/kg bodyweight
LD50 dermal rat	> 2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)
LD50 dermal rabbit	> 3000 mg/kg OECD 402

Beta Pinene (127-91-3)	
LD50 oral rat	300 – 2000 mg/kg OCDE 423
LD50 dermal rat	> 2000 mg/kg
ATE CLP (oral)	300 mg/kg bodyweight

Borneol (507-70-0)	
LD50 oral	2500 mg/kg bodyweight
ATE CLP (oral)	2500 mg/kg bodyweight

Camphene (79-92-5)	
LD50 oral rat	> 2000 mg/kg bodyweight Animal: other:rat and mouse
LD50 oral	> 5000 mg/kg bodyweight Animal: mouse
LD50 dermal rat	> 2500 mg/kg bodyweight Animal:
LD50 dermal rabbit	> 2000 mg/kg bodyweight Animal: rabbit
LC50 inhalation rat (mg/l)	> 25 mg/l air Animal:

Camphor (76-22-2)	
LD50 oral	1500 mg/kg bodyweight
LC50 inhalation rat (mg/l)	0.5 mg/l air Animal: rat, Guideline: OECD Guideline 403 (Acute Inhalation Toxicity)
LC50 inhalation rat (Dust/Mist - mg/l/4h)	1.5 mg/l/4h
ATE CLP (oral)	1500 mg/kg bodyweight
ATE CLP (gases)	4500 ppmv/4h
ATE CLP (vapours)	11 mg/l/4h
ATE CLP (dust,mist)	1.5 mg/l/4h

Cis Beta Ocimene (3338-55-4)	
LD50 oral	5000 mg/kg bodyweight
ATE CLP (oral)	5000 mg/kg bodyweight

Citronellol * (106-22-9)	
LD50 oral	3450 mg/kg bodyweight
LD50 dermal	2650 mg/kg bodyweight

Delta 3-carene (13466-78-9)	
LD50 oral	4800 mg/kg bodyweight
LC50 inhalation rat (Dust/Mist - mg/l/4h)	1.5 mg/l/4h
ATE CLP (oral)	4800 mg/kg bodyweight

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ATE CLP (gases)	4500 ppmv/4h
ATE CLP (vapours)	11 mg/l/4h
ATE CLP (dust,mist)	1.5 mg/l/4h

Eugenol (97-53-0)	
LD50 oral rat	> 2000 mg/kg bodyweight Animal: rat, Animal sex: male, Guideline: OECD Guideline 423 (Acute Oral toxicity - Acute Toxic Class Method)
LD50 oral	1500 – 1500 mg/kg bodyweight Animal: mouse, Animal sex: male, Guideline: OECD Guideline 423 (Acute Oral toxicity - Acute Toxic Class Method)

Gamma terpinene (99-85-4)	
LD50 oral	3850 mg/kg bodyweight
ATE CLP (oral)	3850 mg/kg bodyweight

Geraniol * (106-24-1)	
LD50 oral rat	3600 mg/kg bodyweight Animal: rat, 95% CL: 2840 - 4570
LD50 oral	2100 mg/kg bodyweight
LD50 dermal rabbit	> 5000 mg/kg bodyweight Animal: rabbit
LD50 dermal	> 5000 mg/kg bodyweight
ATE CLP (oral)	2100 mg/kg bodyweight

Limonene (138-86-3)	
LD50 oral	4400 mg/kg bodyweight
LD50 dermal	> 2000 mg/kg bodyweight
ATE CLP (oral)	4400 mg/kg bodyweight

Linalool * (78-70-6)	
LD50 oral rat	2790 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 401 (Acute Oral Toxicity), 95% CL: 2440 - 3180
LD50 oral	2790 mg/kg bodyweight
LD50 dermal rabbit	5610 mg/kg bodyweight Animal: rabbit, Guideline: OECD Guideline 402 (Acute Dermal Toxicity), 95% CL: 3578 - 8374
LD50 dermal	5610 mg/kg bodyweight
ATE CLP (oral)	2790 mg/kg bodyweight
ATE CLP (dermal)	5610 mg/kg bodyweight

Methyl eugenol (93-15-2)	
LD50 oral	1180 mg/kg bodyweight
ATE CLP (oral)	500 mg/kg bodyweight

Neral (106-26-3)	
LD50 dermal	2250 mg/kg bodyweight

Paracymene (99-87-6)	
LD50 oral	4750 mg/kg bodyweight
ATE CLP (oral)	4750 mg/kg bodyweight

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Sabinene (3387-41-5)	
ATE CLP (oral)	500 mg/kg bodyweight

Terpinen-4-ol (562-74-3)	
ATE CLP (oral)	500 mg/kg bodyweight

Terpinolene (586-62-9)	
LD50 oral	3775 mg/kg bodyweight
LD50 dermal rabbit	> 4300 mg/kg bodyweight Animal: rabbit, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)
ATE CLP (oral)	3775 mg/kg bodyweight

Skin corrosion/irritation : Causes skin irritation.

Serious eye damage/irritation : Causes serious eye damage.

Respiratory or skin sensitisation : May cause an allergic skin reaction.

Germ cell mutagenicity : Not classified

Carcinogenicity : Not classified

Geraniol * (106-24-1)	
NOAEL (chronic, oral, animal/male, 2 years)	60 mg/kg bodyweight Animal: mouse, Animal sex: male, Guideline: OECD Guideline 453 (Combined Chronic Toxicity / Carcinogenicity Studies), Remarks on results: other:Effect type: toxicity (migrated information)

Reproductive toxicity : Not classified

Alpha terpineol (98-55-5)	
NOAEL (animal/male, F0/P)	≥ 750 mg/kg OECD 422
NOAEL (animal/female, F0/P)	≥ 750 mg/kg OECD 422

Terpinolene (586-62-9)	
NOAEL (animal/male, F0/P)	294.6 mg/kg bodyweight Animal: rat, Animal sex: male, Guideline: OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test)
NOAEL (animal/female, F0/P)	161.5 mg/kg bodyweight Animal: rat, Animal sex: female, Guideline: OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test)

STOT-single exposure : May cause damage to organs.

STOT-repeated exposure : Not classified

1,8 Cineole (470-82-6)	
NOAEL (oral, rat, 90 days)	600 mg/kg bodyweight Animal: rat, Animal sex: female, Guideline: other:japanese Ministry of Economy Trade and Industry Guideline for 28 day repeat oral dose toxicity study., Guideline: OECD Guideline 407 (Repeated Dose 28-Day Oral Toxicity in Rodents), Guideline: EPA OPPTS 870.3150 (90-Day Oral Toxicity in Nonrodents)

Alpha terpineol (98-55-5)	
NOAEL (oral, rat, 90 days)	≥ 314 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity in Rodents)

Camphor (76-22-2)	
NOAEL (dermal, rat/rabbit, 90 days)	250 mg/kg bodyweight Animal: rat, Guideline: other:Food and Drug Administration (FDA) Good Laboratory Practice Regulations for Nonclinical Studies (GLP Guidelines)

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Citronellol * (106-22-9)	
NOAEL (oral, rat, 90 days)	2000 mg/kg bodyweight Animal: rat, Guideline: other:Specifications for the Conduct of Studies to Evaluate the Toxic and Carcinogenic Potential of Chemical, Biological, and Physical Agents in Laboratory Animals for the National Toxicology Program (NTP)

Eugenol (97-53-0)	
NOAEL (subchronic, oral, animal/male, 90 days)	≥ 900 mg/kg bodyweight Animal: mouse, Animal sex: male, Guideline: other:OECD Guideline 451 (Carcinogenicity Studies)
NOAEL (subchronic, oral, animal/female, 90 days)	450 mg/kg bodyweight Animal: mouse, Animal sex: female, Guideline: other:OECD Guideline 451 (Carcinogenicity Studies)

Geraniol * (106-24-1)	
NOAEL (dermal, rat/rabbit, 90 days)	300 mg/kg bodyweight Animal: rat, Guideline: other:OECD Guideline 421 (Reproduction/Developmental Toxicity Screening test), Guideline: other:EPA OPPTS 870.3550 (Reproduction/Developmental Toxicity Screening Test)

Linalool * (78-70-6)	
LOAEL (dermal, rat/rabbit, 90 days)	Animal: rat, Guideline: OECD Guideline 411 (Subchronic Dermal Toxicity: 90-Day Study)

Aspiration hazard : Not classified

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : Toxic to aquatic life with long lasting effects.

Hazardous to the aquatic environment, short-term (acute) : Not classified

Hazardous to the aquatic environment, long-term (chronic) : Toxic to aquatic life with long lasting effects.

Not rapidly degradable

1,8 Cineole (470-82-6)	
LC50 fish 1	57 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri)
EC50 Daphnia 1	> 100 mg/l Test organisms (species): Daphnia magna
EC50 72h algae (1)	> 74 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)
EC50 96h algae (1)	> 74 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)

Alpha pinene (80-56-8)	
LC50 fish 1	0.28 mg/l
EC50 other aquatic organisms 1	1.44 mg/l waterflea

Alpha terpineol (98-55-5)	
LC50 fish 1	70 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio)
EC50 Daphnia 1	73 mg/l Test organisms (species): Daphnia magna
EC50 72h algae (1)	≈ 68 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)
EC50 72h algae (2)	≈ 17 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)

Camphene (79-92-5)	
LC50 fish 1	0.72 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio)
EC50 Daphnia 1	0.72 mg/l Test organisms (species): Daphnia magna

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EC50 72h algae (1)	1.75 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)

Camphor (76-22-2)	
LC50 fish 1	35 – 50 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio)
LC50 fish 2	110 mg/l Test organisms (species): Pimephales promelas
EC50 96h algae (1)	6.951 mg/l Test organisms (species):

Citronellol * (106-22-9)	
LC50 fish 1	10 mg/l
EC50 Daphnia 1	17.48 mg/l Test organisms (species): Daphnia magna
EC50 other aquatic organisms 1	17.48 mg/l waterflea
EC50 other aquatic organisms 2	2.38 mg/l
EC50 72h algae (1)	2.4 mg/l Test organisms (species):

Eugenol (97-53-0)	
LC50 fish 1	13 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio)
EC50 Daphnia 1	1.05 mg/l Test organisms (species): Daphnia magna

Geraniol * (106-24-1)	
LC50 fish 1	≈ 22 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio)
EC50 Daphnia 1	10.8 mg/l Test organisms (species): Daphnia magna
EC50 other aquatic organisms 1	10.8 mg/l waterflea
EC50 other aquatic organisms 2	13.1 mg/l
EC50 72h algae (1)	13.1 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)

Limonene (138-86-3)	
LC50 fish 1	0.72 mg/l
EC50 other aquatic organisms 1	0.36 mg/l waterflea

Linalool * (78-70-6)	
LC50 fish 1	27.8 mg/l
EC50 Daphnia 1	59 mg/l Test organisms (species): Daphnia magna
EC50 other aquatic organisms 1	20 mg/l waterflea
EC50 other aquatic organisms 2	88.3 mg/l
EC50 96h algae (1)	88.3 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)
EC50 96h algae (2)	156.7 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)

Terpinolene (586-62-9)	
LC50 fish 1	0.805 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio)
EC50 Daphnia 1	0.634 mg/l Test organisms (species): Daphnia magna
EC50 72h algae (1)	0.692 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)
EC50 72h algae (2)	0.302 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)

12.2. Persistence and degradability

No additional information available

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12.3. Bioaccumulative potential

Alpha pinene (80-56-8)	
Partition coefficient n-octanol/water (Log Pow)	4.32

Citronellol * (106-22-9)	
Partition coefficient n-octanol/water (Log Pow)	3.1

Geraniol * (106-24-1)	
Partition coefficient n-octanol/water (Log Pow)	3.5

Limonene (138-86-3)	
Partition coefficient n-octanol/water (Log Pow)	4.38

Linalool * (78-70-6)	
Partition coefficient n-octanol/water (Log Pow)	2.84

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.

Additional information : Flammable vapours may accumulate in the container.

SECTION 14: Transport information

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

ADR	IMDG	IATA	ADN	RID
14.1. UN number				
UN 1169	UN 1169	UN 1169	UN 1169	UN 1169
14.2. UN proper shipping name				
EXTRACTS, AROMATIC, LIQUID	EXTRACTS, AROMATIC, LIQUID	Extracts, aromatic, liquid	EXTRACTS, AROMATIC, LIQUID	EXTRACTS, AROMATIC, LIQUID
Transport document description				
UN 1169 EXTRACTS, AROMATIC, LIQUID, 3, III, (D/E), ENVIRONMENTALLY HAZARDOUS	UN 1169 EXTRACTS, AROMATIC, LIQUID, 3, III, MARINE POLLUTANT/ENVIRONMENTALLY HAZARDOUS	UN 1169 Extracts, aromatic, liquid, 3, III, ENVIRONMENTALLY HAZARDOUS	UN 1169 EXTRACTS, AROMATIC, LIQUID, 3, III, ENVIRONMENTALLY HAZARDOUS	UN 1169 EXTRACTS, AROMATIC, LIQUID, 3, III, ENVIRONMENTALLY HAZARDOUS
14.3. Transport hazard class(es)				
3	3	3	3	3
				
14.4. Packing group				
III	III	III	III	III

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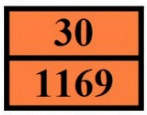
14.5. Environmental hazards

Dangerous for the environment : Yes	Dangerous for the environment : Yes Marine pollutant : Yes	Dangerous for the environment : Yes	Dangerous for the environment : Yes	Dangerous for the environment : Yes

No supplementary information available

14.6. Special precautions for user

Overland transport

Classification code (ADR)	: F1
Special provisions (ADR)	: 601
Limited quantities (ADR)	: 5l
Excepted quantities (ADR)	: E1
Packing instructions (ADR)	: P001, IBC03, LP01, R001
Mixed packing provisions (ADR)	: MP19
Portable tank and bulk container instructions (ADR)	: T2
Portable tank and bulk container special provisions (ADR)	: TP1
Tank code (ADR)	: LGBF
Vehicle for tank carriage	: FL
Transport category (ADR)	: 3
Special provisions for carriage - Packages (ADR)	: V12
Special provisions for carriage - Operation (ADR)	: S2
Hazard identification number (Kemler No.)	: 30
Orange plates	: 
Tunnel restriction code (ADR)	: D/E

Transport by sea

Special provisions (IMDG)	: 223, 955
Limited quantities (IMDG)	: 5 L
Excepted quantities (IMDG)	: E1
Packing instructions (IMDG)	: P001, LP01
IBC packing instructions (IMDG)	: IBC03
Tank instructions (IMDG)	: T2
Tank special provisions (IMDG)	: TP1
EmS-No. (Fire)	: F-E
EmS-No. (Spillage)	: S-D
Stowage category (IMDG)	: A
Properties and observations (IMDG)	: Usually consist of alcoholic solutions. Miscibility with water depends upon the composition.

Air transport

PCA Excepted quantities (IATA)	: E1
PCA Limited quantities (IATA)	: Y344
PCA limited quantity max net quantity (IATA)	: 10L
PCA packing instructions (IATA)	: 355
PCA max net quantity (IATA)	: 60L
CAO packing instructions (IATA)	: 366
CAO max net quantity (IATA)	: 220L
Special provisions (IATA)	: A3
ERG code (IATA)	: 3L

Inland waterway transport

Classification code (ADN)	: F1
Special provisions (ADN)	: 601
Limited quantities (ADN)	: 5 L
Excepted quantities (ADN)	: E1
Equipment required (ADN)	: PP, EX, A
Ventilation (ADN)	: VE01

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Number of blue cones/lights (ADN)	: 0

Rail transport

Classification code (RID)	: F1
Special provisions (RID)	: 601
Limited quantities (RID)	: 5L
Excepted quantities (RID)	: E1
Packing instructions (RID)	: P001, IBC03, LP01, R001
Mixed packing provisions (RID)	: MP19
Portable tank and bulk container instructions (RID)	: T2
Portable tank and bulk container special provisions (RID)	: TP1
Tank codes for RID tanks (RID)	: LGBF
Transport category (RID)	: 3
Special provisions for carriage – Packages (RID)	: W12
Colis express (express parcels) (RID)	: CE4
Hazard identification number (RID)	: 30

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

Not established.

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

No REACH Annex XVII restrictions

Rosemary (cineol) essential oil, Organic, all origins is not on the REACH Candidate List

Rosemary (cineol) essential oil, Organic, all origins is not on the REACH Annex XIV List

Rosemary (cineol) essential oil, Organic, all origins is not subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 july 2012 concerning the export and import of hazardous chemicals.

Rosemary (cineol) essential oil, Organic, all origins is not subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants

15.1.2. National regulations

No additional information available

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
BLV	Biological limit value
CAS-No.	Chemical Abstract Service number
CLP	Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008
DMEL	Derived Minimal Effect level
DNEL	Derived-No Effect Level
EC50	Median effective concentration
EC-No.	European Community number
EN	European Standard
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

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NOAEL	No-Observed Adverse Effect Level
NOEC	No-Observed Effect Concentration
OEL	Occupational Exposure Limit
PBT	Persistent Bioaccumulative Toxic
PNEC	Predicted No-Effect Concentration
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
SDS	Safety Data Sheet
vPvB	Very Persistent and Very Bioaccumulative
WGK	Water Hazard Class

Full text of H- and EUH-statements:	
Acute Tox. 3 (Oral)	Acute toxicity (oral), Category 3
Acute Tox. 4 (Inhalation)	Acute toxicity (inhal.), Category 4
Acute Tox. 4 (Inhalation:dust,mist)	Acute toxicity (inhalation:dust,mist) 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 4	Hazardous to the aquatic environment — Chronic Hazard, Category 4
Asp. Tox. 1	Aspiration hazard, Category 1
Carc. 2	Carcinogenicity, Category 2
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Flam. Liq. 3	Flammable liquids, Category 3
Flam. Sol. 1	Flammable solids, Category 1
Flam. Sol. 2	Flammable solids, Category 2
Muta. 2	Germ cell mutagenicity, Category 2
Repr. 2	Reproductive toxicity, Category 2
Skin Irrit. 2	Skin corrosion/irritation, Category 2
Skin Sens. 1	Skin sensitisation, Category 1
Skin Sens. 1B	Skin sensitisation, category 1B
STOT SE 2	Specific target organ toxicity — Single exposure, Category 2
H226	Flammable liquid and vapour.
H228	Flammable solid.
H301	Toxic if swallowed.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H341	Suspected of causing genetic defects.
H351	Suspected of causing cancer.

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H361	Suspected of damaging fertility or the unborn child.
H371	May cause damage to organs.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.
H413	May cause long lasting harmful effects to aquatic life.

SDS EU (REACH Annex II)

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.

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ATTESTATION D'ALIMENTARITÉ
FOOD STATEMENT

ENR-RG-013 V06
Créé le 31/03/2015
Modifié le 11/09/2020
Applicable au 11/09/2020

TYPE DE PRODUIT / *PRODUCT TYPE*	Huile essentielle Bio / Essential oil Organic
CODE ARTICLE / *ARTICLE CODE*	10396
NOM COMMUN / *COMMON NAME*	Romarin Cinéol / Rosemary cineol
NOM LATIN / *LATIN NAME*	Rosmarinus officinalis L.
PARTIE DE LA PLANTE UTILISEE / *PART OF THE PLANT USED*	Parties aériennes / Aerial part

Est alimentaire au regard des éléments suivants :

Enregistrement CoE / *Registration CoE* :
☒ Oui / *Yes* : n°406 ☐ Non / *No*

Enregistrement FEMA / *Registration FEMA* :
☒ Oui / *Yes* : n°2992 ☐ Non / *No*

Enregistrement FDA / *Registration FDA* :
☒ Oui / *Yes* : n°182.20 ☐ Non / *No*

Enregistrement JECFA / *Registration JECFA* :
☐ Oui / *Yes* : n°XXXX ☒ Non / *No*

Enregistrement en Annexe I de l'Arrêté du 24 juin 2014 établissant la liste des plantes, autres que les champignons, autorisées dans les compléments alimentaires / *Registration in French Decree of the 24 June 2014 related to authorized plants (excepted mushrooms) in health supplements* :
☒ Oui / *Yes* ☐ Non / *No*

Enregistrement sur la Liste des plantes dont les huiles essentielles sont considérées comme traditionnelles – DGCCRF SD4 / 4A Nutrition & information des consommateurs Secteur « Compléments alimentaires » / *Registration on plants list about essential oils considered as traditionnal – DGCCRF SD4 / 4A Nutrition & information of consumers Sector « food supplements »* :
☒ Oui / *Yes* ☐ Non / *No*

Enregistrement sur listes européennes pour reconnaissance mutuelle des compléments alimentaires / *Registration on European lists to mutual recognition of food supplements* :
☒ Oui / *Yes* ☐ Non / *No*

Enregistrement dans la liste des nouveaux aliments du Règlement 2017/2470 conformément au Règlement 2015/2283 relatif aux nouveaux aliments / *Registration in the list of novel foods of Regulation 2017/2470 in accordance with Regulation 2015/2283 on Novel Foods* :
☐ Oui / *Yes* ☒ Non / *No*

Pour valoir à qui de droit / *To whom it concerns*,

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