PURUS

Карамфил · пъпки · доставчикова документация

РАБОТЕН КОМПЛЕКТ · НЕПОТВЪРДЕНА ТЕКУЩА ПАРТИДНА ПРИЛОЖИМОСТ

Код 10205 · Произход: Мадагаскар · Историческа партида/запис: 60982 (доставен запис; COA липсва)

PURUS оформя и комплектова предоставените доставчикови документи. Авторството на лабораторните изпитвания не се приписва на PURUS. Реалните партиди, дати, държава, стойности, предупреждения и изменения на стандартите са запазени.

Избран е единен доставчиков комплект за код 10205. Кодът е във фактура 51099 от 22.02.2022, а TDS посочва Мадагаскар. Документите на друг доставчик от досегашния PDF не са смесени с този комплект.

Съдържание на комплекта

Документ	Страници
Технически лист · Мадагаскар	2–3
Козметични алергени	4
Хранителни алергени	5
IFRA · изменение 50	6–9
SDS · версия 1.1 · 17.11.2021	10–19

Остава за получаване / потвърждение

Партиден COA и GC/GC-MS; потвърждение за текущата партида и актуални версии.

Архивните копия не доказват актуална версия, независимо потвърдено изпитване или приложимост към сегашната наличност. Датата на оформлението не обновява датата на анализа или стандарта.

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

Créé le 17/04/2015

TECHNICAL DATA SHEET / FICHE TECHNIQUE

Modifié le 01/02/2021

Huile essentielle de Clou de Girofle, Bio
Clove bud essential oil, organic
Syzygium aromaticum Merr. & L.M.Perry syn. Eugenia caryophyllus Bull. & Harr.

Code Produit : 10205

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:	Girofle Clous (HE) Bio / Clove Bud Organic Essential Oil
Organic Proportion / Pourcentage Bio :	100,00 %
Certification ECOCERT :	AB
Geographic origin of the plant/Origine géographique de la plante :	Madagascar
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 :	Bud/Clous

ORGANOLEPTIC PROPERTIES / PROPRIETES ORGANOLEPTIQUES

Appearance/Aspect :	Mobile and limpid liquid, sometimes slightly viscous/Liquide mobile, limpide, parfois légèrement v
Color/Couleur :	Yellow to light brown/Jaune à brun clair
Odor/Odeur :	Spicy, typical of eugenol/Epicée et caractéristique de l'eugénol

PHYSICO-CHEMICAL PROPERTIES / CARACTERISTIQUES PHYSICO-CHIMIQUES

Specific gravity/Densité :	[1,042 ... 1,063]	***Peroxyd value/Indice peroxyde :***	
Refractive index /Indice de réfraction :	[1,528 ... 1,538]	***Acid value/Indice acide :***	
Optical rotation/Pouvoir rotatoire :	[-1,500 ... 0,000] °	***INS/Indice saponification :***	
Flash point/Point éclair :	120,00 °C	***Anisidin value/Indice anisidine :***	

MAIN COMPONENTS / PRINCIPAUX COMPOSANTS

Composés	Concentration (%)		N°CAS	N°EINECS
	Min	Max		
Eugénol *	75,00 %	87,00 %	97-53-0	202-589-1
Eugenyl acetate	8,00 %	15,00 %	93-28-7	202-235-6
Beta Caryophyllène	2,00 %	9,50 %	87-44-5	201-746-1

REGULATORY INFORMATIONS / INFORMATIONS REGLEMENTAIRES

HAZARDS IDENTIFICATION / IDENTIFICATION DES DANGERS : voir MSDS / see MSDS

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

Créé le 17/04/2015

TECHNICAL DATA SHEET / FICHE TECHNIQUE

Modifié le 01/02/2021

SHELF LIFE / DURÉE DE VIE

Shelf life/Péremption : 36 months/mois

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)

ADDITIONAL INFORMATION / INFORMATIONS COMPLEMENTAIRES

Pour les mentions de risques et de dangers, veuillez vous référer à la MSDS associée.
Nom INCI: EUGENIA CARYOPHYLLUS (CLOVE) BUD OIL*

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

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 de Clou de Girofle, Bio, Madagascar

Code article / Article code 10205

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	0,02	
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	0,01	
Alcool cinnamique	Cinnamyl Alcohol	104-54-1		
Citral (Géranial+Néral)	Citral	5392-40-5		
Citronellol	Citronellol	106-22-9		
Coumarine	Coumarin	91-64-5		
Eugénol	Eugenol	97-53-0	87	
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		
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	0,02	
Limonène	Limonene	5989-27-5		
Linalol	Linalool	78-70-6	0,02	
Methyl heptine carbonate	Methyl 2-octynoate	111-12-6		

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

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 Clou de Girofle, Bio, Toutes Origines Confondues

Code article 10205

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*

Оформление PURUS · ЕИК 206367998 · office@purus.bg · www.purus.bg
Оформлението е проверено: 2026 · 5 / 19
Партидна приложимост към текуща наличност: непотвърдена

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: Clove bud essential oil, organic, Madagascar

Product code: 10205

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 50th Amendment to the IFRA Code of Practice (published June, 2021) 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	0.51724138 %	Lip Products of all types (solid and liquid lipsticks, balms, clear or colored, etc.) Children's toys
Category 2	0.16091954 %	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	0.58 %	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	2.87356322 %	Hydroalcoholic and non-hydroalcoholic fine fragrance of all types (Eau de Toilette, Parfum, Cologne, solid perfume, fragrancing cream, aftershaves of all types,

Disclaimer: This Certificate provides restrictions for use of the specified product based only on those materials restricted by IFRA Standards for the toxicity endpoint(s) described in each Standard. This Certificate does not provide certification of a comprehensive safety assessment of all product constituents. This certificate is the responsibility of the fragrance supplier issuing it. It has not been prepared or endorsed by IFRA in anyway.

		etc.) Fragranced bracelets Ingredients of perfume kits and fragrance mixtures for cosmetic kits Scent pads, foil packs Scent strips for hydroalcoholic products
Category 5A	0.73563218 %	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	0.73563218 %	Facial toner Facial moisturizers and creams
Category 5C	0.73563218 %	Hand cream Nail care products including cuticle creams, etc. Hand sanitizers
Category 5D	0.24137931 %	Baby cream/lotion, baby oil, baby powders and talc
Category 6	0.73563218 %	Toothpaste Mouthwash, including breath sprays Toothpowder, strips, mouthwash tablets
Category 7A	1.16 %	Hair permanent or other hair chemical treatments (rinse-off) (e.g. relaxers), including rinse-off hair dyes
Category 7B	1.16 %	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	0.24137931 %	Intimate wipes Tampons Baby wipes Toilet paper (wet)
Category 9	1.74 %	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	1.74 %	Hand wash laundry detergent (including concentrates) Laundry pre-treatment of all types (e.g.paste, sprays, sticks) Hand dishwashing detergent (including concentrates)

Disclaimer: This Certificate provides restrictions for use of the specified product based only on those materials restricted by IFRA Standards for the toxicity endpoint(s) described in each Standard. This Certificate does not provide certification of a comprehensive safety assessment of all product constituents. This certificate is the responsibility of the fragrance supplier issuing it. It has not been prepared or endorsed by IFRA in anyway.

		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	6.4 %	Animal sprays – sprays applied to animals of all types Air freshener sprays, manual, including aerosol and pump Aerosol/spray insecticides
Category 11A	0.24137931 %	Feminine hygiene conventional pads,liners, interlabial pads Diapers (baby and adult) Adult incontinence pant, pad Toilet paper (dry)
Category 11B	0.24137931 %	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 Joss sticks or incense sticks

Disclaimer: This Certificate provides restrictions for use of the specified product based only on those materials restricted by IFRA Standards for the toxicity endpoint(s) described in each Standard. This Certificate does not provide certification of a comprehensive safety assessment of all product constituents. This certificate is the responsibility of the fragrance supplier issuing it. It has not been prepared or endorsed by IFRA in anyway.

		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 (Clove bud essential oil, organic, Madagascar) is as follows:

Materials under the scope of IFRA Standards	CAS-No.	Recommendation from IFRA Standard:	Concentration (%) in fragrance mixture or finished product
Isoeugenol	97-54-1 5932-68-3	Restricted	0.02
Cinnamic aldehyde	104-55-2	Restricted	0.01
Benzyl benzoate	120-51-4	Restricted	0.02
Methyl eugenol	93-15-2	Restricted	0.05
Eugenol	97-53-0	Restricted	87
Linalool	126-90-9 126-91-0 78-70-6	Specification	0.02

Disclaimer: This Certificate provides restrictions for use of the specified product based only on those materials restricted by IFRA Standards for the toxicity endpoint(s) described in each Standard. This Certificate does not provide certification of a comprehensive safety assessment of all product constituents. This certificate is the responsibility of the fragrance supplier issuing it. It has not been prepared or endorsed by IFRA in anyway.

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

Clove bud essential oil, organic, Madagascar

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878
Issue date: 10/16/2019 Revision date: 11/17/2021 Supersedes version of: 10/16/2019 Version: 1.1

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

1.1. Product identifier

Product form	: Substance (UVCB)
Substance name	: Clove bud essential oil, organic, Madagascar
EC-No.	: 284-638-7
CAS-No.	: 84961-50-2
Product code	: 10205
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, Flavoring agent, Perfuming agent

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]

Serious eye damage/eye irritation, Category 2	H319
Skin sensitisation, Category 1	H317

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.

2.2. Label elements

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

Hazard pictograms (CLP) :



GHS07

Signal word (CLP)	: Warning
Hazard statements (CLP)	: H317 - May cause an allergic skin reaction. H319 - Causes serious eye irritation.
Precautionary statements (CLP)	: P261 - Avoid breathing dust/fume/gas/mist/vapours/spray. P280 - Wear protective gloves/protective clothing/eye protection/face protection/hearing protection. P321 - Specific treatment (see supplemental first aid instruction on this label). P333+P313 - If skin irritation or rash occurs: Get medical advice/attention. P337+P313 - If eye irritation persists: Get medical advice/attention. P362+P364 - Take off contaminated clothing and wash it before reuse.

2.3. Other hazards

No additional information available

SECTION 3: Composition/information on ingredients

3.1. Substances

Substance type	: UVCB
Name	: Clove bud essential oil, organic, Madagascar

Оформление PURUS · ЕИК 206367998 · office@purus.bg · www.purus.bg
Оформлението е проверено: 2026 · 10 / 19
Партидна приложимост към текуща наличност: непотвърдена

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

Clove bud essential oil, organic, Madagascar

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

CAS-No. : 84961-50-2
EC-No. : 284-638-7

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Clove bud essential oil, organic, Madagascar	CAS-No.: 84961-50-2 EC-No.: 284-638-7	100	
Eugenol	CAS-No.: 97-53-0 EC-No.: 202-589-1	50 – 90	Eye Irrit. 2, H319 Skin Sens. 1B, H317
Eugenyl acetate	CAS-No.: 93-28-7 EC-No.: 202-235-6	5 – 20	Acute Tox. 4 (Oral), H302
Beta Caryophyllene	CAS-No.: 87-44-5 EC-No.: 201-746-1	1 – 10	Asp. Tox. 1, H304 Aquatic Chronic 4, H413 Skin Sens. 1B, H317
Caryophyllene oxide	CAS-No.: 1139-30-6 EC-No.: 214-519-7	0.1 – 1	Aquatic Chronic 2, H411
Methyl salicylate	CAS-No.: 119-36-8 EC-No.: 204-317-7	0.1 – 1	Repr. 2, H361 Acute Tox. 4 (Oral), H302
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
Benzyl benzoate *	CAS-No.: 120-51-4 EC-No.: 204-402-9 EC Index-No.: 607-085-00-9	< 0.1	Acute Tox. 4 (Oral), H302 Aquatic Chronic 2, H411
Isoeugénol *	CAS-No.: 97-54-1 EC-No.: 202-590-7 EC Index-No.: 604-094-00-X	< 0.1	Acute Tox. 4 (Dermal), H312 Acute Tox. 4 (Inhalation), H332 Acute Tox. 4 (Oral), H302 Eye Irrit. 2, H319 Skin Irrit. 2, H315 Skin Sens. 1A, H317 STOT SE 3, H335
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	Skin Sens. 1B, H317
Cinnamaldehyde*	CAS-No.: 104-55-2 EC-No.: 203-213-9	< 0.1	Acute Tox. 4 (Dermal), H312 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317

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

3.2. Mixtures

Not established.

SECTION 4: First aid measures

4.1. Description of first aid measures

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

First-aid measures after skin contact : Wash skin with plenty of water. Take off 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. If eye irritation persists: Get medical advice/attention.

First-aid measures after ingestion : 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 : 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.

Оформление PURUS · ЕИК 206367998 · office@purus.bg · www.purus.bg
Оформлението е проверено: 2026 · 11 / 19
Партидна приложимост към текуща наличност: непотвърдена

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

Clove bud essential oil, organic, Madagascar

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

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

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. Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapours/spray.

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

Methods for cleaning up : Take up liquid spill into absorbent material.

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. Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapours/spray. Wear personal protective equipment.

Hygiene measures : Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse. 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

Storage conditions : Store in a well-ventilated place. Keep cool.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1 National occupational exposure and biological limit values

No additional information available

8.1.2. Recommended monitoring procedures

No additional information available

8.1.3. Air contaminants formed

No additional information available

8.1.4. DNEL and PNEC

No additional information available

8.1.5. Control banding

No additional information available

8.2. Exposure controls

8.2.1. Appropriate engineering controls

Appropriate engineering controls:

Ensure good ventilation of the work station.

Оформление PURUS · ЕИК 206367998 · office@purus.bg · www.purus.bg
Оформлението е проверено: 2026 · 12 / 19
Партидна приложимост към текуща наличност: непотвърдена

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

Clove bud essential oil, organic, Madagascar

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

8.2.2. Personal protection equipment

Personal protective equipment symbol(s):



8.2.2.1. Eye and face protection

Eye protection:

Safety glasses

8.2.2.2. Skin protection

Skin and body protection:

Wear suitable protective clothing

Hand protection:

Protective gloves

8.2.2.3. Respiratory protection

Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment

8.2.2.4. Thermal hazards

No additional information available

8.2.3. Environmental exposure controls

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	: Yellow at brown.
Appearance	: Clear.
Odour	: spicy. Eugenol.
Odour threshold	: Not available
Melting point	: Not applicable
Freezing point	: Not available
Boiling point	: Not available
Flammability	: Not applicable
Explosive limits	: Not available
Lower explosive limit (LEL)	: Not available
Upper explosive limit (UEL)	: 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	: Not available
Vapour pressure at 50 °C	: Not available
Density	: Not available
Relative density	: 1.042 – 1.063
Relative vapour density at 20 °C	: Not available
Particle size	: Not applicable
Particle size distribution	: Not applicable
Particle shape	: Not applicable
Particle aspect ratio	: Not applicable

Оформление PURUS · ЕИК 206367998 · office@purus.bg · www.purus.bg
Оформлението е проверено: 2026 · 13 / 19
Партидна приложимост към текуща наличност: непотвърдена

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

Clove bud essential oil, organic, Madagascar

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

Particle aggregation state	: Not applicable
Particle agglomeration state	: Not applicable
Particle specific surface area	: Not applicable
Particle dustiness	: Not applicable

9.2. Other information

9.2.1. Information with regard to physical hazard classes

No additional information available

9.2.2. Other safety characteristics

Refractive index : 1.528 – 1.538

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

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

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 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

Clove bud essential oil, organic, Madagascar (84961-50-2)	
LD50 oral	2650 mg/kg bodyweight
LD50 dermal	2500 mg/kg bodyweight

Benzyl benzoate * (120-51-4)	
LD50 oral rat	> 2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 401 (Acute Oral Toxicity)
LD50 oral	1500 mg/kg bodyweight
LD50 dermal	4000 mg/kg bodyweight

Cinnamaldehyde* (104-55-2)	
LD50 oral rat	2220 mg/kg bodyweight Animal: rat, Guideline: other:, 95% CL: 1910 - 2600
LD50 oral	2200 mg/kg bodyweight
LD50 dermal rabbit	1260 mg/kg bodyweight Animal: rabbit, Guideline: other:
LD50 dermal	1100 mg/kg bodyweight
LC50 Inhalation - Rat [ppm]	68.88871 ppm Animal: rat, Guideline: other:Not Applicable;OECD Guideline 403 (Acute Inhalation Toxicity)

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)

Isoeugénol * (97-54-1)	
LD50 oral	1500 mg/kg bodyweight
LD50 dermal	1912 mg/kg bodyweight

Оформление PURUS · ЕИК 206367998 · office@purus.bg · www.purus.bg
Оформлението е проверено: 2026 · 14 / 19
Партидна приложимост към текуща наличност: непотвърдена

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

Clove bud essential oil, organic, Madagascar

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

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

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

Methyl salicylate (119-36-8)	
LD50 oral rat	887 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 401 (Acute Oral Toxicity), 95% CL: 715 - 1100
LD50 oral	890 mg/kg bodyweight

Eugenyl acetate (93-28-7)	
LD50 oral	1670 mg/kg bodyweight

Skin corrosion/irritation : Not classified

Serious eye damage/irritation : Causes serious eye irritation.

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

Germ cell mutagenicity : Not classified

Carcinogenicity : Not classified

Reproductive toxicity : Not classified

STOT-single exposure : Not classified

Isoeugénol * (97-54-1)	
STOT-single exposure	May cause respiratory irritation.

STOT-repeated exposure : Not classified

Benzyl benzoate * (120-51-4)	
LOAEL (dermal, rat/rabbit, 90 days)	Animal: rat, Guideline: OECD Guideline 410 (Repeated Dose Dermal Toxicity: 21/28-Day Study)

Cinnamaldehyde* (104-55-2)	
NOAEL (oral, rat, 90 days)	200 mg/kg bodyweight Animal: rat, Guideline: other:

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)

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

Methyl salicylate (119-36-8)	
NOAEL (oral, rat, 90 days)	50 mg/kg bodyweight Animal: rat

Aspiration hazard : Not classified

11.2. Information on other hazards

No additional information available

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.

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

Оформление PURUS · ЕИК 206367998 · office@purus.bg · www.purus.bg
Оформлението е проверено: 2026 · 15 / 19
Партидна приложимост към текуща наличност: непотвърдена

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

Clove bud essential oil, organic, Madagascar

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

Hazardous to the aquatic environment, long-term (chronic) : Not classified

Not rapidly degradable

Benzyl benzoate * (120-51-4)	
LC50 - Fish [1]	2.32 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio)
EC50 - Crustacea [1]	3.09 mg/l Test organisms (species): Daphnia magna

Cinnamaldehyde* (104-55-2)	
LC50 - Fish [1]	105.7637 mg/l Test organisms (species): Pimephales promelas
EC50 - Crustacea [1]	119.5578 mg/l Test organisms (species): Daphnia magna

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

Linalool * (78-70-6)	
LC50 - Fish [1]	27.8 mg/l
EC50 - Crustacea [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)

Methyl salicylate (119-36-8)	
LC50 - Fish [1]	19.8 mg/l Test organisms (species): Pimephales promelas
LC50 - Fish [2]	1370 mg/l Test organisms (species): Pimephales promelas
EC50 - Crustacea [1]	28 mg/l Test organisms (species): Daphnia magna
EC50 72h - Algae [1]	1.6 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)
EC50 72h - Algae [2]	1.1 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)
EC50 96h - Algae [1]	0.895 mg/l Source: ECOSAR

12.2. Persistence and degradability

No additional information available

12.3. Bioaccumulative potential

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

Methyl salicylate (119-36-8)	
Partition coefficient n-octanol/water (Log Pow)	2.55 Source: ICSC

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Endocrine disrupting properties

No additional information available

12.7. 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.

Оформление PURUS · ЕИК 206367998 · office@purus.bg · www.purus.bg
Оформлението е проверено: 2026 · 16 / 19
Партидна приложимост към текуща наличност: непотвърдена

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

Clove bud essential oil, organic, Madagascar

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

SECTION 14: Transport information

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

ADR	IMDG	IATA	ADN	RID
14.1. UN number or ID number				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
14.2. UN proper shipping name				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
14.3. Transport hazard class(es)				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
14.4. Packing group				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
14.5. Environmental hazards				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
No supplementary information available				

14.6. Special precautions for user

Overland transport

Not regulated

Transport by sea

Not regulated

Air transport

Not regulated

Inland waterway transport

Not regulated

Rail transport

Not regulated

14.7. Maritime transport in bulk according to IMO instruments

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

Clove bud essential oil, organic, Madagascar is not on the REACH Candidate List

Clove bud essential oil, organic, Madagascar is not on the REACH Annex XIV List

Clove bud essential oil, organic, Madagascar 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.

Clove bud essential oil, organic, Madagascar 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

Contains no substance subject to Regulation (EU) 2019/1148 of the European Parliament and of the Council of 20 June 2019 on the marketing and use of explosives precursors.

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

Оформление PURUS · ЕИК 206367998 · office@purus.bg · www.purus.bg
Оформлението е проверено: 2026 · 17 / 19
Партидна приложимост към текуща наличност: непотвърдена

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

Clove bud essential oil, organic, Madagascar

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

Abbreviations and acronyms:	
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
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 Abstract Service number
N.O.S.	Not Otherwise Specified
vPvB	Very Persistent and Very Bioaccumulative
ED	Endocrine disrupting properties

Full text of H- and EUH-statements:	
Acute Tox. 4 (Dermal)	Acute toxicity (dermal), Category 4
Acute Tox. 4 (Inhalation)	Acute toxicity (inhal.), Category 4
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
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 Irrit. 2	Serious eye damage/eye irritation, Category 2
H302	Harmful if swallowed.

Оформление PURUS · ЕИК 206367998 · office@purus.bg · www.purus.bg
Оформлението е проверено: 2026 · 18 / 19
Партидна приложимост към текуща наличност: непотвърдена

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

Clove bud essential oil, organic, Madagascar

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

Full text of H- and EUH-statements:	
H304	May be fatal if swallowed and enters airways.
H312	Harmful in contact with skin.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H341	Suspected of causing genetic defects.
H351	Suspected of causing cancer.
H361	Suspected of damaging fertility or the unborn child.
H411	Toxic to aquatic life with long lasting effects.
H413	May cause long lasting harmful effects to aquatic life.
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. 1A	Skin sensitisation, category 1A
Skin Sens. 1B	Skin sensitisation, category 1B
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation

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.

Оформление PURUS · ЕИК 206367998 · office@purus.bg · www.purus.bg
Оформлението е проверено: 2026 · 19 / 19
Партидна приложимост към текуща наличност: непотвърдена