

# MYSTIC MOMENTS

## CERTIFICATE OF ANALYSIS

PRODUCT CLOVE BUD ORGANIC, OIL  
BATCH NUMBER 4417002  
BEST BEFORE DATE DECEMBER 2023

TEST	UNIT	RESULTS
APPEARANCE		MOBILE LIQUID (SLIGHTLY VISCOUS)
COLOR		PALE BROWN
ODOR		SPICY, WOODY
DENSITY 20	(g/ml)	1.055
REFRACTIVE IND.20		1.5340
GC ANALYSIS		PROFILE SIMILAR TO STANDARD

REACH REGISTRATION NO.01-2119971802-33

WE CERTIFY THAT THE QUALITY OF THIS PRODUCT CONFORMS WITH OUR SPECIFICATIONS.

THIS CERTIFICATE DOES NOT RELEASE THE CUSTOMER FROM THE OBLIGATION TO CARRY OUT AN EXAMINATION OF THE GOODS RECEIVED.

ERNESTO VENTÓS, S.A., SHALL NOT BE HELD LIABLE FOR ANY DAMAGE OR INJURY RESULTING FROM HANDLING OR WITH THE ABOVE PRODUCT.

THIS IS A COMPUTER PRINTED DOCUMENT AND IT IS THEREFORE NOT SIGNED.

20 November 2020

## FRAGRANCE ALLERGENS

Product name: CLOVE BUD, OIL

Ingredient	Total content (w/w)
Amyl cinnamic alcohol (CAS 101-85-9)	Not Detected
Amyl cinnamic aldehyde (CAS 122-40-7)	Not Detected
Anisyl alcohol (CAS 105-13-5)	Not Detected
Benzyl alcohol (CAS 100-51-6)	Not Detected
Benzyl benzoate (CAS 120-51-4)	Not Detected
Benzyl cinnamate (CAS 103-41-3)	Not Detected
Benzyl salicylate (CAS 118-53-1)	Not Detected
Cinnamic alcohol (CAS 104-54-1)	Not Detected
Cinnamic aldehyde (CAS 104-55-2)	Not Detected
Citral (CAS 5392-40-5)	Not Detected
Citronellol (CAS 106-22-9)	Not Detected
Coumarin (CAS 91-64-5)	Not Detected
Eugenol (CAS 97-53-0)	< 85,0%
Farnesol (CAS 4602-84-0)	Not Detected
Geraniol (CAS 106-24-1)	Not Detected
Hexylcinnamic aldehyde (CAS 101-86-0)	Not Detected
Hydroxycitronellal (CAS 107-75-5)	Not Detected
Hydroxymethylpentylcyclohexene carboxaldehyde (Lylal) (CAS 31906-04-4)	Not Detected
Isoeugenol (CAS 97-54-1)	< 0,05%
D-Limonene (CAS 5989-27-5)	< 0,01%
Linalool (CAS 78-70-6)	< 0,05%
2-methyl-3-(4-(1,1-dimethyl ethyl) phenyl)propanal (Lilial) (CAS 80-54-6)	Not Detected
Methyl heptine carbonate (CAS 111-12-6)	Not Detected
Gamma-methylionone (iso-alfa-Methylionone) (3-methyl-4-(2-trimethyl-2-cyclohexen-1-yl)-3-buten-2-one) (CAS 127-51-1)	Not Detected
Treemoss (Evernia furfuracea) (CAS 90028-67-4)	Not Detected
Oakmoss (Evernia prunastri)(CAS 90028-68-5)	Not Detected

Detection limit: 10 ppm

This list comprises references 45, 67 and 69 to 92 in Annex III

Version date: 13 June 2012

# MYSTIC MOMENTS

20 November 2020

## IFRA CONFORMITY CERTIFICATE

Product: **CLOVE BUD, OIL**

We certify that the above-mentioned product is in compliance with the Standards of the International Fragrance Association (IFRA) up to and including the 49th Amendment to the IFRA Standards (published January 2020), provided it is used in the following categories at a maximum concentration level of <sup>(1)</sup>:

Category 1	0,53%	<sup>(2)</sup>	Category 7A	1,2%	<sup>(2)</sup>
Category 2	0,16%		Category 7B	1,2%	
Category 3	0,6%		Category 8	0,25%	
Category 4	2,94%		Category 9	1,8%	
Category 5A	0,75%		Category 10A	1,8%	
Category 5B	0,75%		Category 10B	6,4%	
Category 5C	0,75%		Category 11A	0,25%	
Category 5D	0,25%		Category 11B	0,25%	
Category 6	0,75%		Category 12	Not restricted	

<sup>(1)</sup> the concentration of a fragrance ingredient should not exceed the usual concentration of the fragrance compound in the finished product.

<sup>(2)</sup> IFRA would recommend that any material used to impart perfume or flavour in products intended for human ingestion should consist of ingredients that are in compliance with appropriate regulations for foods and food flavourings in the countries of planned distribution and, where these are lacking, with the recommendations laid down in the Code of Practice of IOFI (International Organisation of the Flavour Industry).  
Please note this certificate does not include food status conformity check. A separate document, which may be available depending on the product, is needed for such purpose.

Contains the following substances restricted by IFRA standards:

<b>EUGENOL</b>	< 85%
<b>METHYL EUGENOL</b>	< 0,05%
<b>ISOEUGENOL</b>	< 0,05%

and complies with the latest IFRA specification.

# MYSTIC MOMENTS

20 November 2020

To whom it may concern

## ALLERGENS CERTIFICATE

Product : CLOVE BUD, OIL

To our knowledge from the currently existing information in our files received from our suppliers, we certify that the above-mentioned product does not contain any of the following materials\*

- Cereals containing gluten (i.e. wheat, rye, barley, oats, spelt, kamut or their hybridised strains) and products thereof
- Crustaceans and products thereof
- Eggs and products thereof
- Fish and products thereof
- Peanuts and products thereof
- Soybeans and products thereof
- Milk and products thereof (including lactose)
- Nuts (i.e. almonds (*Amygdalus communis* L.), hazelnuts (*Corylus avellana*), walnuts (*Juglans regia*), cashew (*Anacardium occidentale*), pecan nuts (*Carya illinoensis* (Wangenh.) K. Koch), Brazil nuts (*Bertholletia excelsa*), pistachio nuts (*Pistacia vera*), macadamia nuts and Queensland nuts (*Macadamia ternifolia*) and products thereof
- Celery and products thereof
- Mustard and products thereof
- Sesame seeds and products thereof
- Sulphur dioxide and sulphites at concentrations of more than 10 mg/kg or 10 mg/l expressed as SO<sub>2</sub>
- Lupin and products thereof
- Molluscs and products thereof

\*According to Regulation (EU) 1169/2011 of 25 October 2011 on the provision of food information to consumers

The information contained herein is to the best of our knowledge (reliable) However it should be noted, that it is the responsibility of the manufacturer of the material containing this flavouring ingredient to identify and comply with all the relevant legal requirements.

This document is electronically generated and therefore not signed

# MYSTIC MOMENTS

26 November 2020

## Flowchart of the Production Process

**Product:** CLOVE BUD, OIL

*Eugenia caryophyllata Thunb (plant)*

Harvesting

*Dried seeds flowers of Clove*

Steam distillation

**Clove Bud, oil**

20 November 2020

## GMO CERTIFICATE

Product : CLOVE BUD, OIL

This is to certify that to the best of our knowledge the above-mentioned product

- does not contain
- does not consist of
- is not derived from
- is not produced with the help of

genetically modified organisms (GMO) or derivative ingredients as per EU Directive 2001/18/EC.

**Foods containing this product are not subject to the labelling requirements of EU Regulations 1829/2003/EC and 1830/2003/EC.**

This material complies with article 9 of Regulation (EC) 834/2007 regarding the prohibition on the use of GMOs in organic production.

This document is electronically generated and therefore it is not signed

# MYSTIC MOMENTS

## SPECIFICATION SHEET

**VERSION** 5,00      **VERSION DATE** 05/02/10      **PRINT DATE** 20/11/20

**PRODUCT** CLOVE BUD, OIL  
**APPLICATIONS** Raw material for industrial use intended for the manufacture of flavours and/or fragrances.  
**IUPAC NAME** CLOVE BUD OIL  
**PLANT OF ORIGIN** Eugenia Caryophyllata Thunb  
**PART OF THE PLANT** BUD  
**SYNONYMS**

**CAS** 84961-50-2  
**CAS 2** 8000-34-8  
**EINECS** 284-638-7

**FEMA** 2323  
**TARIFF NUMBER** 3301291100

**REACH REGISTRATION NO.** 01-2119971802-33

### SPECIFICATIONS

<b>ASPECT AT 20° C</b>	MOBILE LIQUID (SLIGHTLY VISCOUS)
<b>COLOUR</b>	YELLOW, PALE BROWN
<b>ODOUR</b>	SPICY, WOODY
<b>TASTE</b>	
<b>DENSITY A 20° C (g / ml)</b>	1,040 - 1,060
<b>DENSITY 25/25</b>	
<b>REFRACTIVE INDEX nD20</b>	1,5250 - 1,5350
<b>REFRACTIVE INDEX nD25</b>	
<b>OPTICAL ROTATION (°)</b>	-2,00 / 2,00
<b>BOILING POINT (°C)</b>	
<b>MELTING POINT (°C)</b>	
<b>FLASH POINT (°C)</b>	101,00
<b>ASSAY (% GC)</b>	EUGENOL: 80-85%
<b>ACID VALUE (mg KOH/g)</b>	
<b>SOLUBILITY</b>	
<b>VAPOUR PRESSURE</b>	NOT DETERMINED
<b>OTHER SOLUBILITIES</b>	SOLUBLE IN ETHANOL

### OTHER TECHNICAL DATA

### STABILITY AND STORAGE

KEEP IN TIGHTLY CLOSED CONTAINER IN A COOL AND DRY PLACE, PROTECTED FROM LIGHT. WHEN STORED FOR MORE THAN 24 MONTHS, QUALITY SHOULD BE CHECKED BEFORE USE.

THIS PRODUCT HAS NOT BEEN FILTERED DUE TO TECHNOLOGICAL MATERIAL IN FOOD INTENDED FOR FINAL CONSUMERS.

**CLOVE BUD, OIL**

Revision date: 20-05-2019  
Version: 3.3/CLP/EN

Print Date: 20-11-2020  
Page: 1 / 5

## SECTION 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND THE COMPANY/UNDERTAKING

### 1.1. Identification of the substance/mixture

Trade name: CLOVE BUD, OIL  
Substance name: CLOVE BUD, OIL  
CAS Number: 84961-50-2  
CE Number: 284-638-7  
REACH Registration number: 01-2119971802-33

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

Raw material for the manufacture of fragrances and/or flavourings.

### 1.3. Details of the supplier of the safety data sheet

Company: MADAR Corporation Limited  
Address: 19 - 20 Sandealth Industrial Estate  
Fordingbridge  
SP6 1PA  
Telephone: 01425 655 555  
E-mail: technical@madarcorporation.co.uk

### 1.4. Emergency telephone number

+44 (0)1425 655 555

## SECTION 2. HAZARDS IDENTIFICATION

### 2.1. Classification of the substance or mixture

Eye Irritant - Category 2 - H319  
Skin sensitizer - Category 1B - H317

### 2.2. Label Elements

Hazard pictograms:



Signal Word:

Warning

Hazard statements:

H317 – May cause an allergic skin reaction.  
H319 – Causes serious eye irritation.

Precautionary statements:

P261 – Avoid breathing dust/fume/gas/mist/vapours/spray.  
P280 – Wear protective gloves/protective clothing/eye protection/face protection.  
P302+P352+P333+P313 – IF ON SKIN: Wash with plenty of soap and water. If irritation or rash occurs. Get Medical advice/attention.  
P305+P351+P338+P337+P313 – IF IN EYES: 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.  
P362+P364 – Take off contaminated clothing and wash it before reuse.

Supplemental Hazard Information:

Contains BETA-CARYOPHYLLENE, EUGENOL. May produce an allergic reaction.

### 2.3. Other hazards

## SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1. Substances

Chemical name: CLOVE BUD, OIL  
CAS number: 84961-50-2  
EC number: 284-638-7



# MYSTIC MOMENTS

## SAFETY DATA SHEET Conforms to Regulation (EC) No. 1907/2006 (REACH)

### CLOVE BUD, OIL

Revision date: 20-05-2019

Version: 3.3/CLP/EN

Print Date: 20-11-2020

Page: 2 / 5

#### Hazardous constituents:

Chemical Name	% (w/w)	CAS No EC No	Classification according to Regulation 1272/2008
EUGENOL	≥50	97-53-0 202-589-1	Eye Irrit. 2 - H319 Skin Sens. 1B - H317
ACETYL EUGENOL	≥1; <10	93-28-7 202-235-6	Acute Tox. 4 (oral) - H302
BETA-CARYOPHYLLENE	≥1; <10	87-44-5 201-746-1	Skin Sens. 1B - H317 Asp. Tox. 1 - H304 Aquatic Chronic 4 - H413

See the full text of the hazard statements in section 16.

### 3.2. Mixtures

Not applicable.

## SECTION 4. FIRST-AID MEASURES

### 4.1. Description of necessary first aid measures

Ingestion:	Rinse mouth with water. Obtain medical advice. Keep at rest. Do not induce vomiting.
Eye contact:	In case of contact with eyes, rinse immediately with plenty of water for at least 15 minutes and seek medical advice.
Inhalation:	Remove person to fresh air and keep at rest. Seek immediate medical advice.
Skin contact:	Take off immediately all contaminated clothing. Thoroughly wash affected skin with soap and water. Seek medical attention if symptoms persist.

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

No information available.

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

No information available.

## SECTION 5. FIRE-FIGHTING MEASURES

### 5.1. Extinguishing Media

Water spray, carbon dioxide, dry chemical powder or appropriate foam.  
For safety reasons do not use full water jet.

### 5.2. Special hazards arising from the substance or mixture

Known or Anticipated Hazardous Products of Combustion: Emits toxic fumes under fire conditions.

### 5.3. Advice for firefighters

High temperatures can lead to high pressures inside closed containers.  
Avoid inhalation of vapors that are created. Use appropriate respiratory protection.  
Do not allow spillage of fire to be poured into drains or watercourses.  
Wear self-contained breathing apparatus and protective clothing.

## SECTION 6. ACCIDENTAL RELEASE MEASURES

### 6.1. Personal precautions, protective equipment and emergency procedures

Evacuate surrounding areas. Ensure adequate ventilation. Keep unnecessary and unprotected personnel from entering.  
Do not breathe vapor/spray. Avoid contact with skin and eyes. Information regarding personal protective measures: see section B.

### 6.2. Environmental precautions

To avoid possible contamination of the environment, do not discharge into any drains, surface waters or groundwaters.

### 6.3. Methods and materials for containment and cleaning up

Cover with an inert, inorganic, non-combustible absorbent material  
Place in covered containers using non-sparking tools and transport  
Avoid open flames or sources of ignition (e.g. pilot lights) on gas hot  
Ventilate area and wash spill site after material pickup is complete.

### 6.4. Reference to other sections

Information regarding exposure controls, personal protection and disposal, considerations can be found in sections B and 13.

**CLOVE BUD, OIL**  
 Revision date: 20-05-2019  
 Version: 3.3/CLP/EN

Print Date: 20-11-2020  
 Page: 3 / 5

## SECTION 7. HANDLING AND STORAGE

### 7.1. Precautions for safe handling

Do not store or handle this material near food or drinking water. Do not smoke.  
 Avoid contact with the eyes, skin and clothing. Wear protective clothing and use glasses.  
 Observe the rules of safety and hygiene at work.  
 Keep in the original container or an alternative made from a compatible material.

### 7.2. Conditions for safe storage, including any incompatibilities

Store in tightly closed and preferably full containers in a cool, dry and ventilated area, protected from light.  
 Keep away from sources of ignition (e.g. hot surfaces, sparks, flame and static discharges).  
 Keep away from incompatible materials (see section 10).

### 7.3. Specific end use(s)

No information available.

## SECTION 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

### 8.1. Control parameters

Components with occupational exposure limits:  
 None known.

### 8.2. Exposure controls

Appropriate engineering controls: Measures should be taken to prevent materials from being splashed into the body.  
 Provide adequate ventilation, according to the conditions of use. Use a mechanical exhaust if required.  
 Eye/Face protection: Chemical safety goggles are recommended. Wash contaminated goggles before reuse.  
 Hand Protection: Chemical-resistant gloves are recommended. Wash contaminated gloves before reuse.  
 Body protection: Personal protective equipment for the body should be selected based on the task being performed and the risks involved.  
 Respiratory Protection: In case of insufficient ventilation, use suitable respiratory equipment.  
 Environmental exposure controls: Emissions from ventilation or process equipment should be checked to ensure they comply with environmental protection legislation.  
 In some cases, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on basic physical and chemical properties

Appearance:	Liquid
Colour:	Conforms to standard
Odour:	Conforms to standard
Odour threshold:	Not determined
pH:	Not determined
Melting point/freezing point:	Not determined
Boiling point/boiling range:	Not determined
Flash point:	101 °C
Evaporation rate:	Not determined
Flammability:	Not determined
Lower flammability/Explosive limit:	Not determined
Upper flammability/Explosive limit:	Not determined
Vapour pressure:	Not determined
Vapour Density:	Not determined
Density:	1,04–1,06 g/ml (30 °C)
Relative density:	1,04–1,06 (20 °C)
Water solubility:	Not determined
Solubility in other solvents:	SOLUBLE IN ETHANOL
Partition coefficient n-octanol/water:	Not determined
Auto-ignition temperature:	Not determined
Decomposition temperature:	Not determined
Viscosity, dynamic:	Not determined
Viscosity, kinematic:	Not determined
Explosive properties:	Not determined
Oxidising properties:	Not determined

# MYSTIC MOMENTS

**SAFETY DATA SHEET**  
Conforms to Regulation (EC) No. 1907/2006 (REACH)

## CLOVE BUD, OIL

Revision date: 20-05-2019  
Version: 3.3/CLP/EN

Print Date: 20-11-2020  
Page: 4 / 5

### 9.2. Additional information

No information available.

## SECTION 10. STABILITY AND REACTIVITY

### 10.1. Reactivity

No hazardous reactions if stored and handled as prescribed/indicated.

### 10.2. Chemical stability

The product is stable if stored and handled as prescribed/indicated.

### 10.3. Possibility of hazardous reactions

No hazardous reactions if stored and handled as prescribed/indicated.

### 10.4. Conditions to Avoid

Conditions to Avoid: Excessive heat, flame or other ignition sources.

### 10.5. Incompatible materials

Avoid contact with strong acids and bases and oxidizing agents.

### 10.6. Hazardous decomposition products

During combustion may form carbon monoxide and unidentified organic compounds.

## SECTION 11. TOXICOLOGICAL INFORMATION

### 11.1. Information on toxicological effects

Acute toxicity	Based on the data available, the criteria for classification are not met.
Skin corrosion/irritation	Based on the data available, the criteria for classification are not met.
Serious eye damage/irritation	Causes serious eye irritation.
Respiratory or skin sensitisation	May cause an allergic skin reaction.
Germ cell mutagenicity	Based on the data available, the criteria for classification are not met.
Carcinogenicity	Based on the data available, the criteria for classification are not met.
Reproductive toxicity	Based on the data available, the criteria for classification are not met.
STOT-single exposure	Based on the data available, the criteria for classification are not met.
STOT-repeated exposure	Based on the data available, the criteria for classification are not met.
Aspiration hazard	Based on the data available, the criteria for classification are not met.

## SECTION 12. ECOLOGICAL INFORMATION

### 12.1. Toxicity

#### Assessment:

Based on the data available, the criteria for classification are not met.

#### Experimental/calculated data:

No information available.

### 12.2. Degradability

Biodegradation : Readily biodegradable.

### 12.3. Bioaccumulative potential

No information available.

### 12.4. Soil mobility

No information available.

### 12.5. Results of PBT and vPvB assessment

No information available.

### 12.6. Other adverse effects

See also sections 6, 7, 13 and 15

Do not allow to get into waste water or waterways.

## SECTION 13. DISPOSAL CONSIDERATIONS

### 13.1. Waste treatment methods

Dispose of in accordance with national and local environmental regula

# MYSTIC MOMENTS

## SAFETY DATA SHEET Conforms to Regulation (EC) No. 1907/2006 (REACH)

### CLOVE BUD, OIL

Revision date: 20-05-2019

Version: 3.3/CLP/EN

Print Date: 20-11-2020

Page: 5 / 5

#### SECTION 14: TRANSPORT INFORMATION

	ADR/RID/ADN	IMDG	IATA-ICAO
<b>14.1. UN Number</b>	Not classified as hazardous goods	Not classified as hazardous goods	Not classified as hazardous goods
<b>14.2. UN Proper Shipping Name</b>	Not applicable	Not applicable	Not applicable
<b>14.3. Transport Hazard Class(es)</b>	Not applicable	Not applicable	Not applicable
<b>14.4. Packing Group</b>	Not applicable	Not applicable	Not applicable
<b>14.5. Environmental hazards</b>	No	No	No
<b>Additional information</b>			

#### 14.6 Special precautions for user

None known

#### 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

No information available

#### SECTION 15: REGULATORY INFORMATION

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

No information available

#### 15.2. Chemical safety assessment

No information available

#### SECTION 16: OTHER INFORMATION

#### Full text of the R-phrases, hazard statements and precautionary statements mentioned in section 3:

H302 – Harmful if swallowed.

H304 – May be fatal if swallowed and enters airways.

H317 – May cause an allergic skin reaction.

H319 – Causes serious eye irritation.

H413 – May cause long lasting harmful effects to aquatic life.



# MYSTIC MOMENTS

20 November 2020

## VEGAN / VEGETARIAN DECLARATION

Product: CLOVE BUD, OIL

We hereby inform that, to the best of our knowledge, the above-mentioned material is suitable for the following diets:

- Vegan**  
Does not contain any ingredient of animal origin (mammalian, poultry, fish, crustacean, mollusc) or animal derivatives (dairy, egg and bee products) including additives and processing aids.
- Vegetarian**  
Does not contain any ingredient of animal origin (mammalian, poultry, fish, crustacean, mollusc) or dairy and egg products, including additives and processing aids. Bee products (e.g. honey, bees wax) are acceptable.
- Ovo-Lacto Vegetarian**  
Does not contain any ingredient of animal origin (mammalian, poultry, fish, crustacean, Mollus), including additives and processing aids. Dairy, egg and bee products (e.g. honey, acceptable. bees wax) are.