PRODUCT DESCRIPTION	CLOVE BUD OIL
APPEARANCE	CLEAR - PALE YELLOW LIQUID
YOUR CODE	OECLOVBUD
BATCH NUMBER	4522904
Best Before	October 2026

#### ANALYSIS

	RESULTS	SPECIFICATION
Refractive Index 20degC	1.534	>= 1.528 <= 1.537
Optical Rotation	-0.6	>= -2.0 <= 2.0
Specific Gravity (20c)	1.055	>= 1.030 <= 1.063

### **Allergen Analysis**

Compound Name : CLOVE BUD OIL

avour ingredient CAS			n present as a percentage for absent in flavour	
	CAS No.	Added as such	From natural & other sources	Total
alpha-iso-Methylionone	127-51-5	A	А	A
Amyl Cinnamal	122-40-7	A	А	A
Amylcinnamyl Alcohol	101-85-9	A	А	А
Anise Alcohol	105-13-5	A	A	А
Benzyl Alcohol	100-51-6	A	А	A
Benzyl Benzoate	120-51-4	A	А	A
Benzyl Cinnamate	103-41-3	A	А	A
Benzyl Salicylate	118-58-1	A	A	А
Butylphenyl Methylpropional (Lilial)	80-54-6	A	A	A
Cinnamal	104-55-2	A	A	A
Cinnamyl Alcohol	104-54-1	A	A	A
Citral	5392-40-5	A	A	А
Citronellol	106-22-9	A	A	Δ
Coumarin	91-64-5	A	A	Δ
Eugenol	97-53-0	A	80.00	80.00
Evernia Furfuraceae (Tree Moss) Extract	90028-67-4	A	А	Δ
Evernia Prunastri (Oak Moss) Extract	90028-68-5	A	A	A
Farnesol	4602-84-0	A	A	Δ
Geraniol	106-24-1	A	A	A
Hexyl Cinnamal	101-86-0	A	A	A
Hydroxycitronellal	107-75-5	A	А	A
Hydroxyisohexyl 3-Cyclohexene Carboxaldehyde (Lyral)	31906-04-4	A	А	A
Isoeugenol	97-54-1	A	А	A
Limonene	5989-27-5	A	А	A
	7705-14-8			
Linalool	78-70-6	A	А	A
Methyl 2-Octynoate	111-12-6	A	А	A

### **GMO** Declaration

According to 1829/2003/EC

Compound Name : CLOVE BUD OIL

We have carefully reviewed the ingredients in this product for their potential genetically modified (GM) origin. The list includes ingredients which may be produced from other GM ingredients

Material	Present	Of GMO Origin
Chicory	No	-
Cotton	No	-
Maize	No	-
Potato	No	-
Rape	No	-
Soya	No	-
Sugar Beet	No	-
Tomato	No	-
Wheat	No	-

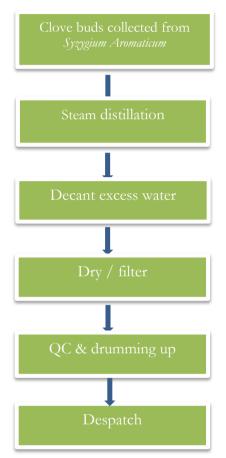
### Food Allergen Declaration

According to 2007/68/EC

Compound Name : CLOVE BUD OIL

We have carefully reviewed the ingredients in this product.

Allergen Source	Present
Celery and products thereof	No
Crustaceans and products thereof	No
Eggs and products thereof	No
Fish and products thereof	No
Cereals containing gluten (i.e. wheat, rye, barley, oats, spelt, kamut or their hybridised strains) and products thereof	No
Lupin and products thereof	No
Milk and products thereof (including lactose)	No
Molluscs and products thereof	No
Mustard and products thereof	No
Nuts i.e. Almond, Hazelnut, Walnut, Cashew, Pecan nut, Brazil nut, Pistachio nut, Macadamia nut and Queensland nut and products thereof	No
Peanuts and products thereof	No
Sesame seeds and products thereof	No
Soybeans and products thereof	No
Sulphur dioxide and sulphites at concentrations of more than 10 mg/kg or 10 mg/litre expressed as SO2	No



#### Production of Clove Bud Oil

Product Name Clove Bud Oil

We certify that the above product is in compliance with the Standards of the INTERNATIONAL FRAGRANCE ASSOCIATION (IFRA), 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 Class	Maximum level of use (%)
Category 1	0.53
Category 2	0.16
Category 3	0.29
Category 4	2.94
Category 5A	0.75
Category 5B	0.58
Category 5C	0.58
Category 5D	0.19
Category 6	0.75
Category 7A	0.58
Category 7B	0.58
Category 8	0.19
Category 9	0.87
Category 10A	0.87
Category 10B	3.20
Category 11A	0.19
Category 11B	0.19
Category 12	97.0

#### Components

1, Eugenol	8
2, Methyl eugenol	(

80% 0.1%

The IFRA Standards regarding use restrictions are based on safety assessments by the panel of experts of the RIFM and are enforced by the IFRA Scientific Committee.

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. It is the ultimate responsibility of our customer to ensure the safety of the final product with other tests if necessary.

#### ANNEX : Definition of IFRA Classes 50th Amendment

IFRA class	Product application
Category 1	Lip Products of all types (solid and liquid lipsticks, balms, clear or colored, etc.)
	Children's toys
Category 2	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.)
<b>a</b> ( <b>a</b>	Body sprays (including body mist)
Category 3	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)
Catagon	Facial masks for face and around the eyes
Category 4	Hydroalcoholic and non-hydroalcoholic fine fragrance of all types (Eau de Toilette, Parfum, Cologne,
	solid perfume, fragrancing cream, aftershaves of all types, etc.)
	Fragranced bracelets Ingredients of perfume kits and fragrance mixtures for cosmetic kits
	Scent pads, foil packs
	Scent strips for hydroalcoholic products
Category 5A	Body creams, oils, lotions of all types
Category JA	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	Facial toner
category ob	Facial moisturizers and creams
Category 5C	Hand cream
00.090.900	Nail care products including cuticle creams, etc.
	Hand sanitizers
Category 5D	Baby cream/lotion, baby oil, baby powders and talc
Category 6	Toothpaste
0,1	Mouthwash, including breath sprays
	Toothpowder, strips, mouthwash tablets
Category 7A	Hair permanent or other hair chemical treatments (rinse-off) (e.g. relaxers), including rinse-off hair dyes
Category 7B	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	Intimate wipes
	Tampons
	Baby wipes
	Toilet paper (wet)
Category 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

IFRA class	Product application
Category 10A	Hand wash laundry detergent (including concentrates) Laundry pre-treatment of all types (e.g.paste, sprays, sticks) Hand dishwashing detergent (including concentrates) 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	Animal sprays – sprays applied to animals of all types Air freshener sprays, manual, including aerosol and pump Aerosol/spray insecticides
Category 11A	Feminine hygiene conventional pads,liners, interlabial pads Diapers (baby and adult) Adult incontinence pant, pad Toilet paper (dry)
Category 11B	Tights with moisturizers Scented socks, gloves Facial tissues (dry tissues) Napkins Paper towels Wheat bags
Category 12	Facial masks (paper/protective) e.g.surgical masks not used as medicaldevice Fertilizers, solid (pellet or powder) 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 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)

SAFETY DATA S CLP: According to 2015/830/		Printed on 27 Jan 202.
Version 1 Revised 24/C	08/2021 15:05:38	
Section 1. Identificatio	n of the substance/mixture and of	the company/undertaking
1.1 Product I dentifier Product Name	CLOVE BUD OIL	
Alternative Name REACH Reg No	01-2119970580-36-XXXX	
1.2 Relevant identified	uses of the substance or mixture	and uses advised against
Concentrated material	for manufacturing purposes only	
1.3 Details of the supp	olier of the safety data sheet Madar Corporation Limited 19 - 20 Sandleheath Indsutrial Estate Fordingbridge SP6 1PA	2
Telephone Number Email Address 1.4 Emergency Tel No	+44 (0)1425 655 555 technical@madarcorporation.co.uk 01425 655 555	
Section 2. Hazard I den		
	e substance or mixture	
SS 1B EDI 2	Skin sensitisation, category 1B Eye damage/irritation, category 2	
2.2 CLP Label element CLP classification acco Hazard Pictograms	s rding to Regulation (EC) No 1272/2008	3
Signal Word	Warning	

#### SAFETY DATA SHEET Printed on 27 Jan 2023 CLP: According to 2015/830/EU Version 1 Revised 24/08/2021 15:05:38 Hazard Statements H317 May cause an allergic skin reaction H319 Causes serious eye irritation **Precautionary Statements** P262 Do not get in eyes, on skin, or on clothing. P280 Wear protective gloves and eye protection P305 IF IN EYES: P351 Rinse cautiously with water for several minutes. P362+P364 Take off contaminated clothing and wash it before reuse. P501 Dispose of contents and container to local. 2.3 Other Hazards Contains Eugenol which may produce an allergic reaction No further information available at this time Section 3. Composition / information on ingredients Any percentage values listed here for hazardous components are for illustrative purposes only 3.1 Substances Description CLOVE BUD OIL EC/EINECS 284-638-7 CAS Number 84961-50-2 USCAS Number 8000-34-8 Hazardous components **ID** Numbers Chemical Name, Classification and Hazards Conc (%) CAS 97-53-0 EINECS 202-589-1 Eugenol 80,0000 REACH EDI 2; SS 1B H317,H319 CAS 87-44-5 EINECS 201-746-1 Caryophyllene 8.0000 REACH AH 1 H304 CAS 93-28-7 EINECS 202-235-6 Eugenyl acetate 8.0000 REACH ATO 4(1670) H302

SAFETY DAT	A SHEET	Printed of	n 27 Jan 2023
CLP: According to 2015/	830/EU		
Version 1 Revised 2	24/08/2021 15:05:38		
CAS 93-15-2	Methyl eugenol (Eugenyl methyl ethe	r)	
EINECS 202-223-0 REACH	ATO 4(810);CAR 2;MUT 2 H302,H341,H351		0.1000
Refer to section 16 for	the wording of listed classific	ation and hazard statement codes	
Section 4. First Aid	measures		
Take phrases in sect	ion 2 into account		
4.1 Description of	first aid measures		
After inhalation			
Remove from the	exposure area to fresh air	Contact a doctor if necessary.	
After skin conta	ct		
advice if irritation	persists or there is any sig	ughly with soap and water. Seel on of tissue damage.	k medical
After eye contac	t		
Flush with plenty of	of water and seek medical	advice if necessary.	
After ingestion Wash mouth with	plenty of water and obtair	n medical advice immediately.	
	t symptoms and effects ation available at this time	, both acute and delayed	
	mmediate medical atter ation available at this time	tion and special treatment n	leeded
Section 5. Fire-figh	ting measures		
5.1 Extinguishing I	Vedia		
Carbon dioxide, fc DO NOT USE A DI	am or dry powder		
5.2 Special hazards arising from the substance or mixture			
May produce Carbon dioxide and unidentified organic compounds.			
5.3 Advice for fire-fighters			
Wear protective cl	Wear protective clothing and avoid inhalation of vapours.		
Section 6. Accident	al release measures		
6.1 Personal preca	6.1 Personal precautions, protective equipment and emergency procedures		
Remove all source			

SAFETY DATA SHEET CLP: According to 2015/830/EU	Printed on 27 Jan 2023
CLP: According to 2015/830/EU	
Version 1 Revised 24/08/2021 15:05:38	
Ensure proper ventilation.	
6.2 Environmental precautions	
Do not discharge directly into drains or the soil. Keep aw water	ay from surface and ground
6.3 Methods and material for containment and cleanir	ng up
Soak up spillage with sand or other inert absorbant mater vemiculite; transfer used material to a suitable waste con accordance with regulations.	
6.4 Reference to other sections	
Refer to information in Sections 7, 8 and 13	
Section 7. Handling and storage	
7.1 Precautions for safe handling	
Maintain good occupational and personal hygiene. Avoid i and eyes.	nhalation and contact with skin
7.2 Conditions for safe storage, including any incompa	atibilities
Store in tightly sealed original containers away from ignit	ion sources and in a cool place.
7.3 Specific end use(s)	
No further information available	
Section 8. Exposure controls / personal protection	
8.1 Control Parameters	
No information available	
8.2 Exposure controls	
Engineering controls	
No information available	
Individual protection measures	
Refer to Section 5 for specific fire/chemical personal prote	
Always wash routinely before breaks, meals and at the er	nd of the work period.
Eye/face protection Wear safety goggles.	

SAFETY DATA SHEET CLP: According to 2015/830/EU		Printed on 27 Jan 2023			
Version 1 Revised 24/08/2021 15	: 05: 38				
Hand protection Wear chemically resistant disposal	ble gloves.				
Other skin protection Wear overalls. Always wash routinely before breaks, meals and at the end of the work period. Respiratory protection Not generally required. Use inhalation protection in poorly ventilated areas					
Thermal hazards No information available					
Environmental exposure contro No information available	bls				
Section 9. Physical and chemical p	properties				
9.1 Information on basic physica FLASH POINT (°C)	l and chemical propertie >65	es			
Colour	PALE YELLOW TO BROW	'N			
Aroma	CHARACTERISTIC, PHEN	NOLIC SPICY			
Solubility	INSOLUBLE				
9.2 Other information No further information available					
Section 10. Stability and reactivity	y				
10.1 Reactivity Not determined					
10.2 Chemical Stability Not determined					
10.3 Possibility of hazardous reactions Not determined					
10.4 Conditions to avoid Extreme temperatures					
10.5 I ncompatible materials Highly reactive chemicals which m additional hazards.	ay produce unknown react	tion products and so cause			

### SAFETY DATA SHEET Printed on 27 Jan 2023 CLP: According to 2015/830/EU Version 1 Revised 24/08/2021 15:05:38 10.6 Hazardous decomposition products Not determined Section 11. Toxicological information 11.1 Information on toxicological effects Acute toxicity Skin corrosion / irritation No data available Serious eye damage / irritation No data available Respiratory or skin sensitisation No data available Germ cell mutagenicity No data available Carcinogenicity No data available Reproductive toxicity No data available STO-single exposure No data available STO-repeated exposure No data available Aspiration hazard No data available Information on likely routes of exposure No data available Symptoms related to the physical, chemical and toxicological characteristics No data available Delayed and immediate effects as well as chronic effects from short and long-term exposure No data available

### SAFETY DATA SHEET Printed on 27 Jan 2023 CLP: According to 2015/830/EU Version 1 Revised 24/08/2021 15:05:38 Interactive effects No data available Other information No data available Section 12. Ecological information 12.1 Toxicity No data available; avoid soil, surface water and water-bearing stratum contamination. 12.2 Persistence and degradability No data available 12.3 Bioaccumulative potential No data available 12.4 Mobility in soil No data available 12.5 Results of PBT and vPvB assessment No data available 12.6 Other adverse effects No data available Section 13. Disposal considerations Please refer to the information in section 8 (Exposure controls and personal protection) 13.1 Waste treatment methods Dispose in accordance with the law and local regulations. Treat as trade effluent. Section 14. Transport information 14.1 UN number Not Regulated 14.2 UN proper shipping name CLOVE OIL 14.3 Transport hazard class(es) 14.4 Packing group **Tunnel Code** 14.5 Environmental Hazards No relevant information available

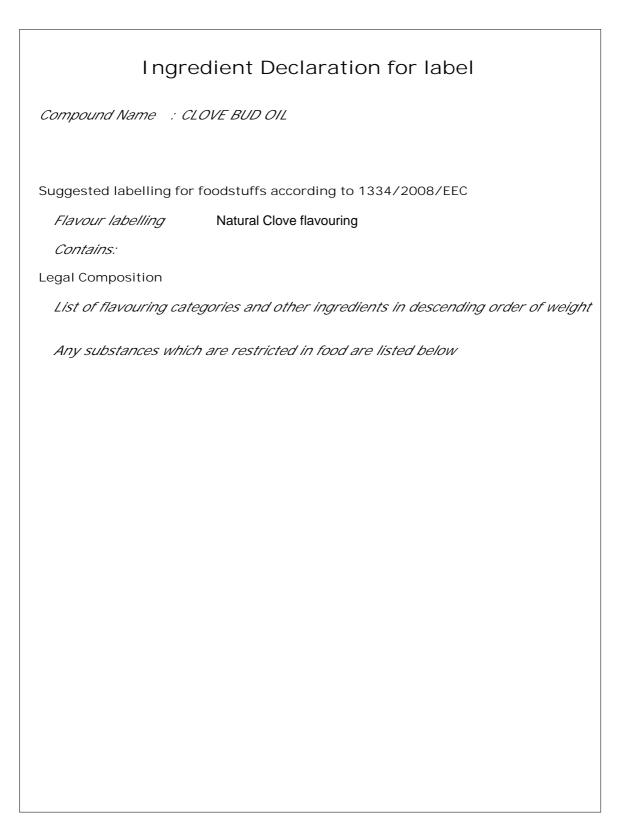
SAFETY DAT CLP: According to 2015					
V <i>ersion 1 Revised</i> 15:05:38	24/08/2021				
14.6 Special preca No relevant inform					
14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code Not applicable					
Section 15. Regula	ory information				
substance or mixt	n and environmental regulations/legislation specific for the ure nation available at this time				
15.2 Chemical saf	ety assessment				
A chemical safety	assessment has not been carried out				
Section 16. Other i	nformation				
Full list of preca	utionary phrases				
P262	Do not get in eyes, on skin, or on clothing.				
P280	Wear protective gloves and eye protection				
P305	IF IN EYES:				
P351	Rinse cautiously with water for several minutes.				
P362+P364	Take off contaminated clothing and wash it before reuse.				
P501	Dispose of contents and container to local.				
Wording of any	Wording of any hazard classes listed in section 3				
ATO 4	Acute toxicity, oral, category 4				
AH 1	Aspiration hazard, category 1				
SS 1B	Skin sensitisation, category 1B				
EDI 2	Eye damage/irritation, category 2				
MUT 2	Germ cell mutagenicity, category 2				
CAR 2	Carcinogenicity, category 2				
Wording of any	nazard statements listed 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				
H341	Suspected of causing genetic defects				
H351	Suspected of causing cancer				

### SAFETY DATA SHEET

Printed on 27 Jan 2023

CLP: According to 2015/830/EU

Version 1 Revised 24/08/2021 15:05:38



### MYSTIC MOMENTS PRODUCT SPECIFICATION

Product Name	:	CLOVE BUD OIL		
Flash Point deg C	:	>65		
Aroma / Taste	:	CHARACTERISTIC, PHENOLIC SPICY		
Appearance / Physical State	:	PALE YELLOW TO BROWN LIQUID		
Composition	:	ESSENTIAL OIL INCI Name: Eugenia caryophyllus bud oil		
Refractive Index 20degC		>= 1.528 <= 1.537		
Optical Rotation		>= -2.0 <= 2.0		

>= 1.030 <= 1.063

#### Methyl Eugenol content is 0.07%.

Specific Gravity (20c)

Shelf Life	:	12 Months
(if stored in full a	irtight	containers, protected from heat and direct sunlight)

Version Number : 10 Version Date : 13 May 2020

### Vegetarian Declaration

Compound Name : CLOVE BUD OIL

Vegan	Y	No ingredients of animal origin or animal derivatives, including additives and processing aids
Vegetarian	Y	No ingredients of animal origin, including additives and processing aids. No egg or dairy; bee products are allowed
Ovo-lacto Vegetarian	Y	May include egg, dairy and bee products. No other ingredients of animal origin or animal derivatives, including additives and processing aids are allowed