## **Certificate of Analysis**

PRODUCT DETAILS					
Product Name		CLARY SAGE OIL ORGANIC			
Product Code		OCCLARSAGE			
Batch Number		4533103			
Best Before End		February 2024			
Identification		CAS No:8016-63-5		EINECS No: 283-911-8	
		Alternative CAS: 84775-83-7		FEMA: 2321	
PHYSICAL AND CHE	MICAL CH	ARACTERISTIC			
		SPECIFICATION RA	ANGE	RESULTS	5
Appearance		Liquid		Conforms	
Colour		Colourless to Yellow - Brown		Conforms	
Odour		Characteristic- Sweet, Herbaceous, Ambery		Conform	IS
Relative Density @ 20°C		0.890 - 0.930		0.902	
Refractive Index @ 20°C		1.456 - 1.473		1.462	
Optical Rotation °		-26 to -1'		-14.90	
Flash Point °C		≥70		Conforms	
MAIN CONSTITUEN	TS				
CONSTITUENT RANGE	RESULTS	CONSTITUENT RANGE	RESULTS C	ONSTITUENT RANGE	RESULTS
Linalyl Acetate 50 - 75%	67.30%	Linalool <b>10 - 25%</b>	<b>19.33%</b> G	eranyl Acetate < 2.5%	1.62%
Alpha Terpineol < 2.5% 1.72%		Geraniol <b>0.01-5% 1.66%</b>		Limonene < 2%	0.32%
STORAGE AND SHE	LF LIFE				
Storage		Store in tightly closed container with minimum headspace in a cool, dark and dry place.			

DISCLAIMER: This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the Company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the users responsibility to satisfy himself as to the suitability of such information for his own particular use. Where MADAR Corporation make a declaration that allergenic material are not present in any product, this statement is made assuming reasonable levels of detection. It is impossible to guarantee the "absolute absence" of any material. It is the ultimate responsibility of the customer to ensure the safety of the intended final product containing this material, by carrying out additional tests if necessary.

Page 1 (1) Issue date: 12/01/2024 Version: 1 (12/01/2024)

### **ALLERGEN 2023 DECLARATION**

We hereby confirm that the following item contains the components listed below. Stated are the total levels added plus levels from natural ingredients. The information is supplied to enable compliance with Cosmetic and Detergent regulations.

### CLARY SAGE ORGANIC

Ingredient	CAS	EC	Concentration (%)
Beta-Caryophyllene	87-44-5	201-746-1	2.2%
Citronellol	1117-61-9, 7540-51-4, 106-22-9, 26489-01-0	214-250-5, 231-415-7, 203-375-0, 247-737-6	0.01%
Geraniol	106-24-1	203-377-1	1.2%
Geranyl Acetate	105-87-3	203-341-5	3%
Limonene	138-86-3, 7705-14-8, 5989-54-8, 5989-27-5	205-341-0, 231-732-0, 227-815-6, 227-813-5	1%
Linalool	78-70-6	201-134-4	24%
Linalyl Acetate	115-95-7	204-116-4	78%
Pinene	80-56-8, 7785-70-8, 127-91-3, 18172-67-3	201-291-9, 232-087-8, 204-872-5, 242-060-2	0.5%
Sclareol	515-03-7	208-194-0	2.6%
Terpineol	8000-41-7, 98-55-5, 138-87-4, 586-81-2	232-268-1, 202-680-6, 205-342-6, 209-584-3	4.9%

Please note components <1ppm are not shown.

#### **Regulatory Affairs Department**

### CMR (Carcinogenic, mutagenic, reprotoxic) STATEMENT

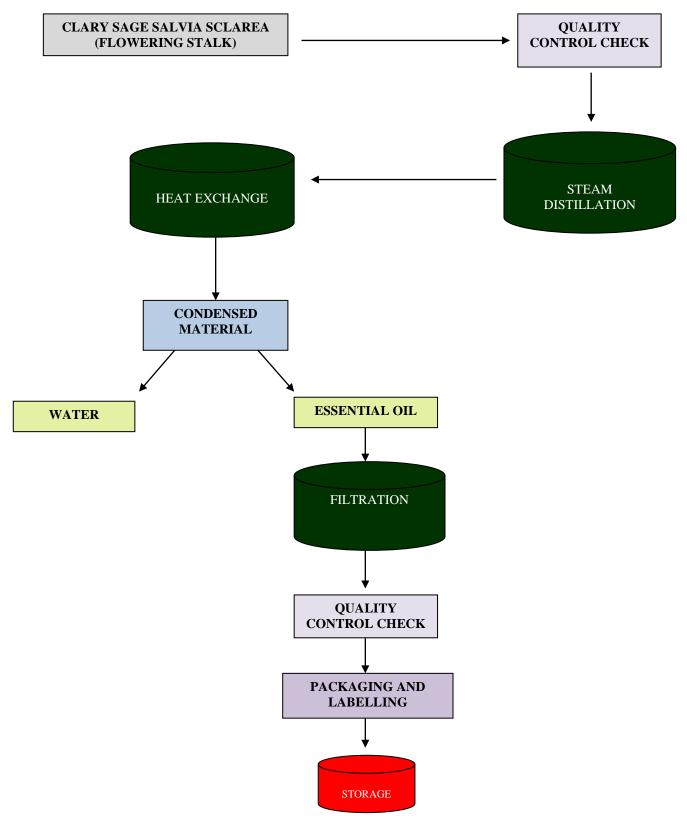
We hereby confirm, to the best of our knowledge and from information received from our supplier, that the below mentioned product does not contain any CMR Substances.

However, due to the fact that we do not analyse the batches, we cannot guarantee any explicit assurance.

Product: Clary Sage Organic

12 January 2024

### PROCESSING – CLARY SAGE ORGANIC FLOW CHART



19-20 Sandleheath Industrial Estate, Fordingbridge, Hampshire, SP6 1PA, UK Tel: 01425 655555 Email: technical@madarcorporation.co.uk Page 4 of 20

## **GMO Statement**

	IDENTIFICATION
Product:	CLARY SAGE ORGANIC
Cas No:	8016-63-5
EINECS No:	283-911-8
	STATEMENT
and feed and Regulatic and labelling of genetic produced from genetic mentioned product is s According to our curren not been produced of n under the scope of the	a (EC) No 1829/2003 of 22nd September 2003 on genetically modified food on (EC) No 1830/2003 of 22nd September 2003 concerning the traceability cally modified organisms and the traceability of food and feed products cally modified organisms, we have proofed with our supplier if the above subject of these legislations. Int knowledge and supplier's information we assume that this product has nor contain any genetically modified organism. Therefore, it does not fall legislations mentioned above.
	ocument and it does not require a signature. of our customer to ensure the safety of the final product containing this material.

### CERTIFICATE OF CONFORMITY 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 endpoints described in each! Standard.

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

**CERTIFYING PARTY:** Madar Corporation Limited 19 - 20 Sandleheath Industrial Estate Fordingbridge SP6 3JZ

#### **CERTIFICATE DELIVERED TO:**

#### SCOPE OF THE CERTIFICATE:

CLARY SAGE ORGANIC

#### 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 51st Amendment to the IFRA Code of Practice (published June 2023),! provided it is used in the following categories at a maximum concentration level of:

IFRA Categories [see Annex 1 below for details]	Maximum Level of use (%)
IFRA Category 1	65.00%
IFRA Category 2	20.83%
IFRA Category 3	91.66%
IFRA Category 4	Not limited
IFRA Category 5A	Not limited
IFRA Category 5B	65.00%
IFRA Category 5C	78.33%
IFRA Category 5D	21.66%
IFRA Category 6	13.33%
IFRA Category 7A	65.00%
IFRA Category 7B	65.00%
IFRA Category 8	21.66%
IFRA Category 9	Not limited
IFRA Category 10A	91.66%
IFRA Category 10B	Not limited
IFRA Category 11A	21.66%
IFRA Category 11B	21.66%
IFRA Category 12	Not limited

For other kinds of application or use at higher concentration levels, a new evaluation can be needed; please contact Global Essence UK Limited

#### ADDITIONAL INFORMATION ABOUT INGREDIENTS

Information about presence and concentration of fragrance ingredients subject to IFRA Limits in the fragrance mixture! CLARY SAGE ORGANIC is as follows:

Materials with an IFRA limit:	CAS number(s):	Concentration (%) in the fragrance mixture
Citronellol	106-22-9, 1117-61-9, 26489-01-0,	0.0100%
	6812-78-8, 141-25-3	
Geraniol	106-24-1	1.2000%

Regulatory Affairs Department

#### **ANNEX 1**

Below is an extract of information provided by IFRA in relation to types of application present in each IFRA Category. Additional information about IFRA Categories can be found in the Guidance to IFRA Standards, issued by IFRA.

IFRA Category	Product Type
IFRA Category 1	Lip Products of all types (solid and liquid lipsticks, balms, clear or colored, etc.); Childrens toys
IFRA 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, deo-cologne, etc.); Body sprays (including body mist)
IFRA 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); Facial masks for face and around the eyes
IFRA Category 4	Hydroalcoholic and nonhydroalcoholic fine fragrance of all types (Eau de Toilette, Parfum, Cologne, solid perfume, fragrancing cream, etc.), aftershaves of all types (except creams and balms); Fragranced bracelets; Ingredients of perfume kits and fragrance mixtures for cosmetic kits; Scent pads, foil packs; Scent strips for hydroalcoholic products
IFRA Category 5A	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)
IFRA Category 5B	Facial toner; Facial moisturizers and creams (including care products for beard and mustache)
IFRA Category 5C	Hand cream; Nail care products including cuticle creams, nail lacquer remover, etc.; Hand sanitizers
IFRA Category 5D	Baby cream/lotion, baby oil, baby powders and talc
IFRA Category 6	Toothpaste; Mouthwash, including breath sprays; Toothpowder, strips, mouthwash tablets
IFRA Category 7A	Hair permanent or other hair chemical treatments (rinse-off) (e.g., relaxers), including rinse-off hair dyes
IFRA 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, hair perfume
IFRA Category 8	Intimate wipes; Intimate deodorant spray; Tampons; Baby wipes; Toilet paper (wet)
IFRA Category 9	Bar soap; Shampoo of all types; 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 (such as bath bombs); 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
IFRA 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; Toilet seat wipes; Fabric softeners of all types excluding 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, potpourri, liquid refills for air fresheners (non-cartridge systems), etc.; Ironing water (Odorized distilled water); Dry cleaning kits (involving manual application on the textile)
IFRA Category 10B	Animal sprays – sprays applied to animals of all types; Air freshener sprays, manual, including aerosol and pump; Aerosol/spray insecticides
IFRA Category 11A	Feminine hygiene conventional pads, liners, interlabial pads; Baby diapers; Incontinence pant, pad; Toilet paper (dry)
IFRA Category 11B	Tights with moisturizers; Scented socks, gloves; Facial tissues (dry tissues); Napkins; Pillow spray; Paper towels; Wheat bags; Facial masks (paper/protective) e.g., surgical masks not used as medical device; Fertilizers, solid (pellet or powder)
IFRA Category 12	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, solid non aerosol car diffuser); Air delivery systems; Cat litter; Cell phone cases; Deodorizers/maskers not intended for skin contact (e.g., fabric drying machine deodorizers, carpet powders); Dry cleaning kits (placed in the dryer); Dryer sheets and fabric softener sheets; 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); Toilet gel; Scent beads

Page 1 (10) Issue date: 12/01/2024 Version: 1 (18/12/2023)

### SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006!

Product: CLOVE LEAF OIL RECTIFIED/REDISTILLED

Version:

#### Section 1. Identification of the substance or the mixture and of the supplier

1.1 Product Identifier

1

Product identifier:CLOVE LEAF OIL RECTIFIED/REDISTILLED; CAS: 84961-50-2Other identifiers:CLOVE LEAF OIL RECTIFIED/REDISTILLED EC: 284-638-7!Alternate<br/>CAS: 8000-34-8 / 8015-97-2

FEMA: 2325 Eugenia caryophyllus (Clove) leaf oil

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

Product uses: Professional Use Only, Flavour, Fragrance and Cosmetic

1.3 Details of the supplier of the safety data sheet

Company name: Madar Corporation Limited Company address: Madar Corporation Limited 19 - 20 Sandleheath Industrial Estate Fordingbridge SP6 1PA

#### Contact:

E-Mail address:	technical@madarcorporation.co.uk		
Company phone:	01425 655 555		

1.4 Emergency telephone number

**Emergency phone:** 01425 655 555

#### Section 2. Hazards identification

#### 2.1 Classification of the substance or mixture

#### Classification under Regulation (EC) No 1272/2008

•••	Eye Damage / Irritation Category 2
danger:	Sensitization - Skin Category 1B
	Aspiration Hazard Category 1
	H304, May be fatal if swallowed and enters airways.
	H317, May cause an allergic skin reaction.
	H319, Causes serious eye irritation.

#### 2.2 Label elements

#### Classification under Regulation (EC) No 1272/2008

Signal word: Danger

Page 2 (10) Issue date: 12/01/2024 Version: 1 (18/12/2023)

### SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006!

Product: CLC	VE LEAF C	DIL RECTIF	IED/REDISTILLED			
Version:		1				
Hazard statements	H317,	H304, May be fatal if swallowed and enters airways. H317, May cause an allergic skin reaction. H319, Causes serious eye irritation.				
M factor:	None					
Supplemental Information:	None					
Precautionary statements:	P264, P272, P280, P301/3 P302/3 P305/3 lenses P331, P333/3 P337/3 P363, P405,	Wash hand Contaminat Wear prote 310, IF SW/ 352, IF ON 351/338, IF 5, if present Do not indu 313, If skin i 313, If skin i 313, If eye i Wash conta Store locke Dispose of	thing vapour or dust. Is and other contacted ted work clothing shoul ctive gloves/eye protect ALLOWED: Immediate SKIN: Wash with plenty IN EYES: Rinse caution and easy to do. Continuit ce vomiting. irritation or rash occurs rritation persists: Get m aminated clothing before and up. contents/container to a	d not be all ation/face pro- y call a PO y of soap an usly with w ue rinsing. : Get medic nedical advi re reuse.	owed out of the wor rotection. ISON CENTER or c nd water. ater for several mini- cal advice/attention. ce/attention.	loctor/physician. utes. Remove contact
Pictograms:	$\langle$	!				
2.3 Other hazards						
Other hazards:	Hydro	carbon Con	centration %: 13.000	00%		
		Section 3	. Composition / inforr	<u>nation on i</u>	ngredients	
3.1 Substances						
Product identifier:	CLOV	E LEAF OIL	RECTIFIED/REDISTI	LLED; CAS	: 84961-50-2	
Contains:						
Name	CAS	EC	REACH Registration No.	%	Classification for (CLP) 1272/2008	Specific Conc. Limits, M-factors and ATEs

 
 97-53-0
 202-589-1
 50-100%
 Eye Irrit. 2-Skin Sens. 1B;H317-H319, oral: ATE = 2500 mg/kg bw

 19-20 Sandleheath Industrial Estate, Fordingbridge, Hampshire, SP6 1PA, UK Tel: 01425 655555 Email: technical@madarcorporation.co.uk

Eugenol

Page 3 (10) Issue date: 12/01/2024 Version: 1 (18/12/2023)

### SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006!

#### Product: CLOVE LEAF OIL RECTIFIED/REDISTILLED

#### Version:

1

beta-Caryophyllene	87-44-5	201-746-1	10-<20%	Skin Sens. 1B-Asp. Tox 1;H304-H317,-	
Eugenyl acetate	93-28-7	202-235-6	1-<5%	Acute Tox. 4;H302,-	oral: ATE = 1670 mg/kg bw
Furfural	98-01-1	202-627-7	0.1-<1%	Flam. Liq. 3-Acute Tox. 3-Acute Tox. 4-Acute Tox. 2-Skin Irrit. 2-Eye Irrit. 2-Carc. 2-STOT SE 3-Aquatic Chronic 3;H226-H301-H312- H315-H319-H330- H335-H351-H412,-	inhalation: ATE = 1 mg/l (vapour)-dermal: ATE = 1100 mg/kg bw- oral: ATE = 100 mg/kg bw
Isoeugenol	97-54-1	202-590-7	0.1-<1%	Acute Tox. 4-Acute Tox. 4-Acute Tox. 4- Skin Irrit. 2-Eye Irrit. 2- Skin Sens. 1A-STOT SE 3;H302-H312- H315-H317-H319- H332-H335,-	inhalation: ATE = 1.5 mg/l (dusts or mists)- dermal: ATE = 1912 mg/kg bw-oral: ATE = 542 mg/kg bw
Eugenyl methyl ether	93-15-2	202-223-0	0.1-<1%	Acute Tox. 4-Muta. 2- Carc. 2;H302-H341- H351,-	oral: ATE = 1180 mg/kg bw
Benzyl salicylate	118-58-1	204-262-9	0.1-<1%	Skin Sens. 1B-Aquatic Chronic 3;H317-H412,-	oral: ATE = 2227 mg/kg bw
Benzyl benzoate	120-51-4	204-402-9	0.1-<1%	Acute Tox. 4-Aquatic Acute 1-Aquatic Chronic 2;H302-H400- H411,-	oral: ATE = 1160 mg/kg bw
Geraniol	106-24-1	203-377-1	0.1-<1%	Skin Irrit. 2-Eye Dam. 1-Skin Sens. 1;H315- H317-H318,-	oral: ATE = 3600 mg/kg bw
Linalool	78-70-6	201-134-4	0.1-<1%	Skin Irrit. 2-Eye Irrit. 2- Skin Sens. 1B;H315- H317-H319,-	oral: ATE = 2790 mg/kg bw

#### Section 4. First-aid measures

#### 4.1 Description of first aid measures

Inhalation:	Remove from exposure site to fresh air, keep at rest, and obtain medical attention.
Eye exposure:	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Skin exposure:	IF ON SKIN: Wash with plenty of soap and water.
Ingestion:	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

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

May be fatal if swallowed and enters airways.

May cause an allergic skin reaction.

Causes serious eye irritation.

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

None expected, see Section 4.1 for further information.

Page 4 (10) Issue date: 12/01/2024 Version: 1 (18/12/2023)

### SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006!

Product: CLOVE LEAF OIL RECTIFIED/REDISTILLED

Version:

#### Section 5: Firefighting measures

#### 5.1 Extinguishing media

1

Suitable media: Carbon dioxide, Dry chemical, Foam.

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

In case of fire, may be liberated: Carbon monoxide, Unidentified organic compounds.

#### 5.3 Advice for fire fighters:

In case of insufficient ventilation, wear suitable respiratory equipment.

#### Section 6. Accidental release measures

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

Avoid inhalation. Avoid contact with skin and eyes. See protective measures under Section 7 and 8.

#### 6.2 Environmental precautions:

Keep away from drains, surface and ground water, and soil.

#### 6.3 Methods and material for containment and cleaning up:

Remove ignition sources. Provide adequate ventilation. Avoid excessive inhalation of vapours. Contain spillage immediately by use of sand or inert powder. Dispose of according to local regulations.

#### 6.4 Reference to other sections:

Also refer to sections 8 and 13.

#### Section 7. Handling and storage

#### 7.1 Precautions for safe handling:

Keep away from heat, sparks, open flames and hot surfaces. - No smoking. Use personal protective equipment as required. Use in accordance with good manufacturing and industrial hygiene practices. Use in areas with adequate ventilation Do not eat, drink or smoke when using this product.

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

Store in a well-ventilated place. Keep container tightly closed. Keep cool. Ground/bond container and receiving equipment. Use explosion-proof electrical, ventilating and lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge.

#### 7.3 Specific end use(s):

Professional Use Only, Flavour, Fragrance and Cosmetic: Use in accordance with good manufacturing and industrial hygiene practices.

Page 5 (10) Issue date: 12/01/2024 Version: 1 (18/12/2023)

### SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006!

Version:

#### Section 8. Exposure controls/personal protection

#### 8.1 Control parameters

1

Workplace exposure limits: Not Applicable

#### 8.2 Exposure Controls

#### Eye / Skin Protection

Wear protective gloves/eye protection/face protection

#### **Respiratory Protection**

Under normal conditions of use and where adequate ventilation is available to prevent build up of excessive vapour, this material should not require special engineering controls. However, in conditions of high or prolonged use, or high temperature or other conditions which increase exposure, the following engineering controls can be used to minimise exposure to personnel: a) Increase ventilation of the area with local exhaust ventilation. b) Personnel can use an approved, appropriately fitted respirator with organic vapour cartridge or canisters and particulate filters. c) Use closed systems for transferring and processing this material.

Also refer to Sections 2 and 7.

#### Section 9. Physical and chemical properties

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

Physical State/Colour:	Colourless to Pale Yellow Liquid
Odour:	Characteristic
Odour threshold:	Not determined
Melting point / freezing point:	Not determined
Boiling point or initial boiling point and boiling range:	Not determined
Flammability:	Not determined
Lower and upper explosion limit:	Not determined
Flash point:	> 104 °C
Auto-ignition temperature:	Not determined
Decomposition temperature:	Not relevant
pH:	Not determined
Kinematic viscosity:	Not determined
Solubility:	Not determined
Partition coefficient: n-octanol/water (log value):	Not determined
Vapour pressure @ 20°C	Not determined
Density and/or relative density:	1.0330 - 1.0540
Relative vapour density:	Not determined
Particle characteristics:	Not determined

Page 6 (10) Issue date: 12/01/2024 Version: 1 (18/12/2023)

### SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006!

Product: CLOVE LEAF OIL RECTIFIED/REDISTILLED

Version:

#### 9.2 Other information:

Optical Rotation: Solubility In Water: Refractive Index @ 20C:

1

+1 to -5 Insoluble 1.5280 - 1.5390

#### Section 10. Stability and reactivity

#### 10.1 Reactivity:

Presents no significant reactivity hazard, by itself or in contact with water.

#### 10.2 Chemical stability:

Good stability under normal storage conditions.

#### 10.3 Possibility of hazardous reactions:

Not expected under normal conditions of use.

#### 10.4 Conditions to avoid:

Avoid extreme heat.

#### 10.5 Incompatible materials:

Avoid contact with strong acids, alkalis or oxidising agents.

#### 10.6 Hazardous decomposition products:

Not expected.

#### Section 11. Toxicological information

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

Acute Toxicity:	Based on available data the classification criteria are not met.
Acute Toxicity Oral	2650 mg/kg
Acute Toxicity Dermal	2500
Acute Toxicity Inhalation	Not Available
Skin corrosion/irritation:	Based on available data the classification criteria are not met.
Serious eye damage/irritation:	Eye Damage / Irritation Category 2
Respiratory or skin sensitisation:	Sensitization - Skin Category 1B
Germ cell mutagenicity:	Based on available data the classification criteria are not met.
Carcinogenicity:	Based on available data the classification criteria are not met.
Reproductive toxicity:	Based on available data the classification criteria are not met.
STOT-single exposure:	Based on available data the classification criteria are not met.
STOT-repeated exposure:	Based on available data the classification criteria are not met.
Aspiration hazard:	Aspiration Hazard Category 1

Information about hazardous ingredients in the mixture

Page 7 (10) Issue date: 12/01/2024 Version: 1 (18/12/2023)

### SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006!

#### Product: CLOVE LEAF OIL RECTIFIED/REDISTILLED

#### Version:

Ingredient	CAS	EC	LD50/ATE Oral (mg/kg)	LD50/ATE Dermal (mg/kg)	LC50/ATE Inhalation	LC50 Route
Eugenyl acetate	93-28-7	202-235-6	1670	Not available	Not available	Not available
Furfural	98-01-1	202-627-7	100	1100	1	Vapour mg/l

Refer to Sections 2 and 3 for additional information.

#### **11.2 Information on other hazards**

1

Not Applicable

#### Section 12. Ecological information

12.1 Toxicity:	Not available
12.2 Persistence and degradability:	Not available
12.3 Bioaccumulative potential:	Not available
12.4 Mobility in soil:	Not available

#### 12.5 Results of PBT and vPvB assessment:

This substance does not meet the PBT/vPvB criteria of REACH, annex XIII.

- 12.6 Endocrine disrupting properties: Not Applicable
- 12.7 Other adverse effects: Not available

#### Section 13. Disposal considerations

#### 13.1 Waste treatment methods:

Dispose of in accordance with local regulations. Avoid disposing into drainage systems and into the environment. Empty containers should be taken to an approved waste handling site for recycling or disposal.

#### Section 14. Transport information

	14.1 UN number:	14.2 UN Proper Shipping Name:	14.3 Transport hazard class (es):	Sub Risk:	14.4 Packing Group:
UN Model Regulations	Not classified	-	-	-	-
IMDG	Not classified	-	-	-	-
ADR,RID,ADN	Not classified	-	-	-	-
ΙCAO ΤΙ	Not classified	-	-	-	-

14.5 Environmental hazards:

Not environmentally hazardous for transport

14.6 Special precautions for user:

19-20 Sandleheath Industrial Estate, Fordingbridge, Hampshire, SP6 1PA, UK Tel: 01425 655555 Email: technical@madarcorporation.co.uk Page 15 of 20

None additional

Page 8 (10) Issue date: 12/01/2024 Version: 1 (18/12/2023)

### SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006!

**Product:** CLOVE LEAF OIL RECTIFIED/REDISTILLED

Version:

### 14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:

Not classified

### Section 15. Regulatory information

#### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture **RIFM ID Number:**

583-E2.12

#### **15.2 Chemical Safety Assessment**

1

A Chemical Safety Assessment has not been carried out for this product.

#### Section 16. Other information

Concentration % Limits:	EDI 2=10.75% SS 1=1.09% AH 1=76.92%
Total Fractional Values:	EDI 2=9.30 SS 1=92.00 AH 1=1.30

Key to revisions:

Not applicable

#### Key to abbreviations:

Abbreviation	Meaning
Acute Tox. 2	Acute Toxicity - Inhalation Category 2
Acute Tox. 3	Acute Toxicity - Oral Category 3
Acute Tox. 4	Acute Toxicity - Oral Category 4
Acute Tox. 4	Acute Toxicity - Dermal Category 4
Acute Tox. 4	Acute Toxicity - Inhalation Category 4
Aquatic Acute 1	Hazardous to the Aquatic Environment - Acute Hazard Category 1
Aquatic Chronic 2	Hazardous to the Aquatic Environment - Long-term Hazard Category 2
Aquatic Chronic 3	Hazardous to the Aquatic Environment - Long-term Hazard Category 3
Asp. Tox 1	Aspiration Hazard Category 1
Carc. 2	Carcinogenicity Category 2
Eye Dam. 1	Eye Damage / Irritation Category 1
Eye Irrit. 2	Eye Damage / Irritation Category 2
Flam. Liq. 3	Flammable Liquid, Hazard Category 3
H226	Flammable liquid and vapour.
H301	Toxic if swallowed.
H302	Harmful if swallowed.
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.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H330	Fatal if inhaled. 19-20 Sandleheath Industrial Estate, Fordingbridge, Hampshire, SP6 1PA, UK

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Page 16 of 20

Page 9 (10) Issue date: 12/01/2024 Version: 1 (18/12/2023)

### SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

#### Product: CLOVE LEAF OIL RECTIFIED/REDISTILLED CLOVLE1001

#### Version:

1

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H332	Harmful if inhaled.
Н335	May cause respiratory irritation.
H341	Suspected of causing genetic defects (exposure route).
H351	Suspected of causing cancer (exposure route).
H400	Very toxic to aquatic life.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.
Muta. 2	Germ Cell Mutagenicity Category 2
P202	Do not handle until all safety precautions have been read and understood.
P210	Keep away from heat, sparks, open flames and hot surfaces No smoking.
P240	Ground/bond container and receiving equipment.
P241	Use explosion-proof electrical, ventilating and lighting equipment.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P260	Do not breathe vapour or dust.
P261	Avoid breathing vapour or dust.
P264	Wash hands and other contacted skin thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P271	Use only outdoors or in a well-ventilated area.
P272	Contaminated work clothing should not be allowed out of the workplace.
P273	Avoid release to the environment.
P280	Wear protective gloves/eye protection/face protection.
P281	Use personal protective equipment as required.
P284	Wear respiratory protection.
P301/310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P301/312	IF SWALLOWED: call a POISON CENTER or doctor/physician if you feel unwell.
P302/352	IF ON SKIN: Wash with plenty of soap and water.
P303/361/353	IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.
P304/340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305/351/338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P308/313	IF exposed or concerned: Get medical advice/attention.
P310	Immediately call a POISON CENTER or doctor/physician.
P312	Call a POISON CENTRE or doctor/physician if you feel unwell.
P330	Rinse mouth.
P331	Do not induce vomiting.
P332/313	If skin irritation occurs: Get medical advice/attention.
P333/313	If skin irritation or rash occurs: Get medical advice/attention.
P337/313	If eye irritation persists: Get medical advice/attention.
P362	Take off contaminated clothing and wash before reuse.
P363	Wash contaminated clothing before reuse.
P370/378	In case of fire: Use carbon dioxide, dry chemical, foam for extinction.
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Page 10 (10) Issue date: 12/01/2024 Version: 1 (18/12/2023)

### SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006!

#### CLOVE LEAF OIL RECTIFIED/REDISTILLED **Product:** 1

#### Version:

P391	Collect spillage.
P403/233	Store in a well-ventilated place. Keep container tightly closed.
P403/233/235	Store in a well-ventilated place. Keep container tightly closed. Keep cool.
P405	Store locked up.
P501	Dispose of contents/container to approved disposal site, in accordance with local regulations.
STOT SE 3	Specific Target Organ Toxicity (Single Exposure) Category 3
Skin Irrit. 2	Skin Corrosion / Irritation Category 2
Skin Sens. 1	Sensitization - Skin Category 1
Skin Sens. 1A	Sensitization - Skin Category 1A
Skin Sens. 1B	Sensitization - Skin Category 1B

The information in this safety data sheet is to the best of our knowledge true and accurate but all data, instructions, recommendations and/or suggestions are made without guarantee.

Page 1 (1) Issue date: 12/01/2024 Version: 1 (14/12/2023)

### **SPECIFICATION**

The following information is accurate to the best of our knowledge Please see our Safety Data Sheet for the hazardous information of this product.

PRODUCT:

**CLARY SAGE ORGANIC** 

CAS NO:	84775-83-7
Other Identifier:	EC: 283-911-8 Alternate CAS: 8016-63-5 FEMA: 2321 FDA: 182.20
Tariff Number:!	33012949
Appearance (state):!	Liquid
Appearance (colour):!	Pale Yellow to Greenish
Odour:	Characteristic
Specific Gravity @ 20C:!	0.8900 - 0.9080
Refractive Index @ 20C:!	1.4560 - 1.4660
Optical Rotation:!Flash	-26 to -10
Point:	75 °C
Boiling Point:	210 °C
Acid Value (mgKOH/g):!	Max 1.0
Storage:	Store in a well-ventilated place. Keep container tightly closed.!
Shelf Life:	Refer to COA

*Regulatory Department* This specification is computer generated and valid without a signature

## **Vegan and Vegetarian Statement**

	IDENTIFICATION
Product:	Clary Sage Oil Organic
Cas No:	8016-63-5
EINECS No:	283-911-8
	STATEMENT
	ation received from our supplier, hereby declare that the material mpliant with a vegan or vegetarian diet.
	in any animal ingredients or animal by products. No animal ingredients e used in the manufacturing process.
12/01/2024	
-	sents to the best of our knowledge and from information received from our supplier. It buyer from the obligation to carry out an examination of the goods received. All uses
made by the buyer a	re done under their own responsibility.