



CERTIFICATE OF ANALYSIS

MATERIAL	CLARY SAGE OIL RUSSIAN
BATCH	4351702
LOT	FEBRUARY 2022

Appearance	Pale yellow liquid
Odour	Characteristic, herbaceous
O.R. @ 20°C	-7.1
S.G. @ 20°C	0.899
R.I. @ 20°C	1.458
Flashpoint	81°C
Solubility	Soluble in ethanol at 80° 0.6 V+

Storage

Original unopened container, at ambient temperature, under dry conditions and away from light. The shelf life is not valid out of the mentioned conditions.

Handling

According to IFRA Code of Practice.

Recommended Uses

Multiple uses.

Caution

Concentrated product for industrial use avoid contact with eyes and mucous. Do not drink.



ALLERGEN LISTING

MATERIAL NAME: CLARY SAGE OIL

INGREDIENT	CAS No.	% TOTAL
Alpha-Isomethylionone	127-51-5	A
Amyl Cinnamal	122-40-7	A
Amylcinnamyl Alcohol	101-85-9	A
Anise Alcohol	105-13-5	A
Benzyl Alcohol	100-51-6	A
Benzyl Benzoate	120-51-4	A
Benzyl Cinnamate	103-41-3	A
Benzyl Salicylate	118-58-1	A
Butylphenyl Methylpropional (Lilial)	80-54-6	A
Cinnamal	104-55-2	A
Cinnamyl Alcohol	104-54-1	A
Citral	106-26-3	A
	141-27-5	A
	5392-40-5	A
Citronellol	106-22-9	A
	1117-61-9	A
	141-25-3	A
	6812-78-8	A
	68916-43-8	A
	7540-51-4	A
Coumarin	91-64-5	A
Eugenol	97-53-0	A
Evernia Furfuraceae (Tree Moss) Extract	90028-67-4	A
Evernia Prunastri (Oak Moss) Extract	90028-68-5	A
Farnesol	4602-84-0	A
Geraniol	106-24-1	<0.5
Hexyl Cinnamal	101-86-0	A
Hydroxycitronellal	107-75-5	A
Hydroxyisohexyl 3-Cyclohexene Carbocetaldehyde (Lyral)	31906-04-4	A
Isoeugenol	97-54-1	A
Limonene	138-86-3	1 - 4
	5989-27-5	
	5989-54-8	
Linalool	126-90-9	20 - 30
	126-91-0	
	78-70-6	
Methyl 2-Octynoate	111-12-6	A

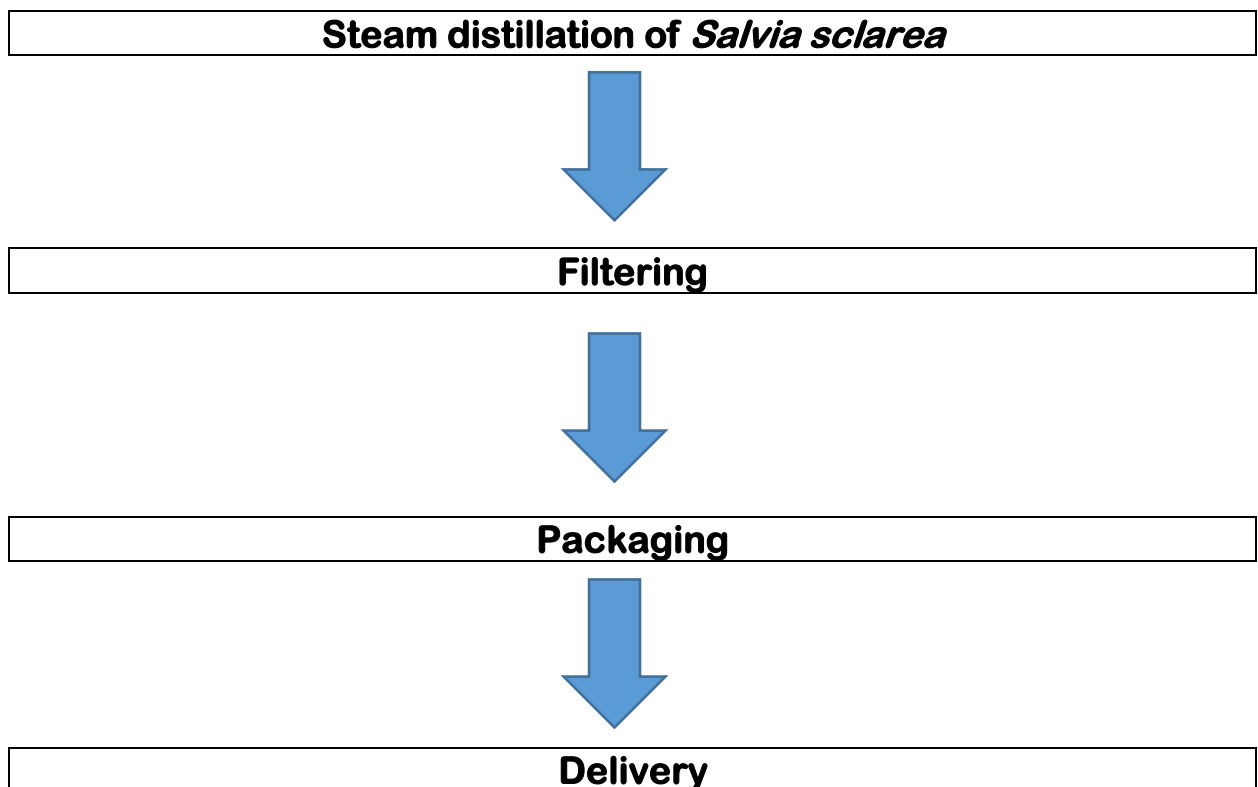
* A denotes absent

The information contained herein is true and accurate to the best of our knowledge.
We will not therefore accept liability for misuse of this data.



MANUFACTURING PROCESS

CLARY SAGE OIL





GMO DECLARATION

CLARY SAGE OIL

Our company supplies the above ingredient to your company.

We declare that this product:

- **Does not consist and does not contain Genetically Modified Organisms.**
- **Is not produced from and does not contain ingredients produced from Genetically Modified Organisms.**



**IFRA CONFORMITY CERTIFICATE
CLARY SAGE OIL**

REVISION: 28.06.2016

Product Name	CLARY SAGE OIL
INCI Name	Salvia sclarea oil
Date	28/06/2016
CAS Number	8016-63-5
Revision No	01

We certify that the above compound is in compliance with the Standards of the INTERNATIONAL FRAGRANCE ASSOCIATION (up to and including IFRA 48th Amendment / published in June 2015), provided that it is used in the following applications (classes) at a maximum concentration level of:

IFRA Class(es) (See Annex for Details)	Max Level of Use (%)
Class 1	5.21
Class 2	5.21
Class 3A	10.42
Class 3B	10.42
Class 3C	10.42
Class 3D	10.42
Class 4A	10.42
Class 4B	10.42
Class 4C	10.42
Class 4D	10.42
Class 5	10.42
Class 6	No Limit
Class 7A	10.42
Class 7B	10.42
Class 8A	10.42
Class 8B	10.42
Class 9A	10.42
Class 9B	10.42
Class 9C	10.42
Class 10A	10.42
Class 10B	10.42
Class 11	No Limit

Contains Restricted Components by IFRA:

TRANS 2 HEXANAL	<0.1%
-----------------	-------

**IFRA CONFORMITY CERTIFICATE
CLARY SAGE OIL**

REVISION: 28.06.2016

The IFRA Standards regarding use restrictions are based on safety assessments by the Panel of Experts of the RESEARCH INSTITUTE FOR FRAGRANCE MATERIALS (RIFM) and are enforced by the IFRA Scientific Committee.

Evaluation of individual fragrance ingredients is made according to the safety standards contained in the relevant section of the IFRA Code of Practice.

It is the ultimate responsibility of the customer to ensure safety of the final product (containing this fragrance), by further testing if needed.

ANNEX: Definition of IFRA Classes

FINISHED PRODUCT TYPES	IFRA CATEGORY
Lip Products of all types (solid and liquid lipsticks, balms, clear or coloured, etc.). Children's Toys.	Class 1
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 and body spray, etc.) Nose Pore Strips. Fragranced Bracelets.	Class 2
Hydroalcoholic Products Applied to Recently Shaved Skin (includes After Shave)	Class 3A
Hydroalcoholic Products Applied to Recently Shaved Skin (includes After Shave) Fine Fragrance.	Class 3B
Eye Products of all types (eye shadow, mascara, eyeliner, eye make-up, etc.) including eye care. Men's Facial Creams and Balms. Baby Creams, Lotions, Oils. Body Paint for Children.	Class 3C
Tampons.	Class 3D
Hydroalcoholic Products applied to unshaved skin (includes aqueous based, alcoholic based and hydroalcoholic) like Cologne, eau de cologne, Eau de Parfum or Parfum. Ingredients or Perfume Kits. Scent Pads, Foil Packs. Scent Strips for hydroalcoholic products.	Class 4A
Fine Fragrance – Hydroalcoholic Products applied to unshaved skin (includes aqueous based, alcoholic based and hydroalcoholic) like Cologne, eau de cologne, Eau de Parfum or Parfum.	Class 4B
Hair Styling Aids, Sprays of all types (pumps, aerosol sprays, etc.) Body Creams, Oils, Lotions of all types (except baby creams, lotions and oils). Body sprays (including Body Mist) with no intended or reasonably foreseeable use on the axillae. Fragrance Compounds for Cosmetic Kits. Foot Care Products. Hair Deodorant. Body Paint (except those for children).	Class 4C
Fragrancing Cream, Solid Perfumes.	Class 4D



**IFRA CONFORMITY CERTIFICATE
CLARY SAGE OIL**

REVISION: 28.06.2016

Facial Masks. Women's Facial Creams/Facial Make-up, Hand Cream, Hand Sanitizers, Baby Powder and Talc, Hair Permanent and other hair chemical treatments (e.g. relaxers) but not hair dyes, Wipes or Refreshing Tissues for Face, Neck, Hands, Body, Dry Shampoo or Waterless Shampoo.	Class 5
Mouthwash, including Breath Sprays, Toothpaste.	Class 6
Intimate Wipes, Baby Wipes.	Class 7A
Insect Repellent (intended to be applied to skin).	Class 7B
Make-up Removers of all types (not including face cleansers), Hair Styling Aids Non-Spray of all types (mousse, gels, leave-conditioners, etc.), Nail Care, Powders and talcs, all types (except baby powders and talcs).	Class 8A
Hair Dyes.	Class 8B
Conditioner (Rinse-Off), Liquid Soap, Shampoos of all types (including baby shampoos), Face Cleansers of all types (washes, gels, scrubs, etc.), Shaving Creams of all types (stick, gels, foams, etc.), All Depilatories (including waxes for mechanical hair removal), Body Washes of all types (including baby washes) and Shower Gels of all types, Bar Soap (Toilet Soap), Bath Gels, Foams, Mousses, Salts, Oils and Other Products added to bathwater.	Class 9A
Feminine hygiene – pads, liners, Toilet paper, Wheat bags.	Class 9B
Facial tissues, Napkins, Paper towels, Other Aerosols (including air freshener sprays and air freshener pump sprays, but not including deodorants/antiperspirants, hair styling aids/sprays).	Class 9C
Handwash Laundry Detergents of all types including concentrates, Fabric Softeners of all types including fabric softener sheets, household Cleaning Products, Other Types (fabric cleaners, soft surface cleaners, carpet cleaners, etc.) Machine Wash Laundry Detergents (liquids, powders, tablets, etc.) including laundry bleach and concentrates, Hand Dishwashing Detergent including concentrates, Hard Surface Cleaners of all types (bathroom and kitchen cleansers, furniture polish, etc.), Shampoos for pets, Dry cleaning kits, Scented gloves, socks, tights with moisturisers.	Class 10A
Diapers, Toilet seat wipes.	Class 10B
All non-skin contact or incidental skin contact including: Candles, Air Fresheners and Fragrancing of all types (concentrated aerosol with metered doses (range 0.05-0.5ml/spray), plug-ins, solid substrate, membrane delivery, electrical), Air Delivery Systems, Cell Phone Cases, Pot pourri, powders, fragrancing sachets, liquid refills for air fresheners (non-cartridge systems), Reed diffusers, Liquid refills for air fresheners (cartridge systems), Shoe Polishes, Deodorisers/Maskers not intended for skin contact (e.g. fabric drying machine deodorisers, carpet powders), Insecticides (mosquito coil, paper, electrical for clothing etc.) excluding aerosols, Scent delivery system using a dry air technology that releases a fragrance without sprays, aerosols or heated oils (technology of nebulisation), Air freshening crystals, Toilet Blocks, Joss Sticks or Incense Sticks, Machine Dishwash Detergent and Deodorisers, Machine-only Laundry Detergent (e.g. Liquitabs), Plastic articles (excluding toys), Fuels, Fragranced lamp ring, Scratch and Sniff (sampling technology), Paints, Cat Litter, Animal Sprays (all types), Treatment products for textiles (e.g. starch sprays, fabric treated with fragrances after wash, deodorisers for textiles or fabrics), Floor Wax, Odoured Distilled Water (that can be added to steam irons).	Class 11

**SAFETY DATA SHEET
CLARY SAGE OIL**

REVISION: 10.06.2016

1 Identification of the Substance/Mixture and of the Company/Undertaking

1.1 Trade Name: CLARY SAGE OIL

1.2 Relevant Identified Uses of the Substance or Mixture and Uses Advised Against:

No further relevant information available.

Application of the Substance/the Preparation:

Multiple uses.

1.3 Details of the Supplier of the Safety Data Sheet:

Manufacturer/Supplier:

MADAR Corporation Limited
19-20 Sandleheath Industrial Estate
Fordingbridge
Hampshire
SP6 1PA

Approved Sellers: Mystic Moments, New Directions, World of Moulds

1.4 Further Information Obtainable from: MADAR Corporation Limited

2 Hazards Identification

2.1 Classification of the Substance or Mixture:

Classification According to Regulation (EC) No. 1272/2008:

GHS07	Skin Irrit. 2 Eye Irrit. 2 Skin Sens. 1 Aquatic Chronic 3	H315 Causes skin irritation. H319 Causes serious eye irritation. H317 May cause an allergic skin reaction. H412 Harmful to aquatic life with long lasting effects.
-------	--	---

2.2 Label Elements:

Labelling According to Regulation (EC) No. 1272/2008:

The product is classified and labelled according to the CLP regulation.

Hazard Pictograms:



Signal Word	WARNING
Hazard-determining Components of Labelling	d-Limonene Nerol Geranyl Acetate

Hazard Statements:

H315	Causes skin irritation.
H319	Causes serious eye irritation.
H317	May cause an allergic skin reaction.
H412	Harmful to aquatic life with long lasting effects.

SAFETY DATA SHEET

CLARY SAGE OIL

REVISION: 10.06.2016

Precautionary Statements:

P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P273	Avoid release to the environment.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P501	Dispose of contents/container in accordance with local/regional/national/international regulations.

2.3 Other Hazards:

Results of PBT Assessment	Not applicable.
Results of vPvB Assessment	Not applicable.

3 Composition/Information on Ingredients

3.1 Chemical Characterisation:

Mixtures:

Description	NCS (UVCB) Constituents Information
--------------------	-------------------------------------

3.2 Hazardous Components:

ID Numbers	Chemical Name, Classification & Hazards	%
CAS: 115-95-7 EINECS: 204-116-4	Linalyl acetate Skin Irrit. 2, H315; Eye Irrit. 2, H319	50-100
CAS: 78-70-6 EINECS: 201-134-4	Linalool Skin Irrit. 2, H315; Eye Irrit. 2, H319	10-25
CAS: 5989-27-5 EINECS: 227-813-5	d-limonene Flam. Liq. 3, H226; Asp. Tox. 1, H304; Aquatic Acute 1, H400; Aquatic Chronic 1, H410; Skin Irrit. 2, H315; Skin Sens. 1B, H317	≤2.5
CAS: 105-87-3 EINECS: 203-341-5	Geranyl Acetate Skin Irrit. 2, H315; Skin Sens. 1B, H317; Aquatic Chronic 3, H412	≤2.5
CAS: 106-25-2 EINECS: 203-378-7	Nerol Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1B, H317	≤2.5

3.3	Additional Information	For the wording of the listed risk phrases refer to Section 16.
------------	-------------------------------	---

4 First Aid Measures

4.1	Description of First Aid Measures	Immediately remove any clothing soiled by the product.
	Inhalation	Supply fresh air and to be sure call for a doctor. In case of unconsciousness place patient stably in side position for transportation. Supply fresh air.
	Skin Contact	Immediately wash with water and soap and rinse thoroughly. Immediately rinse with water. If skin irritation continues, consult a doctor.
	Eye Contact	Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
	Ingestion	Inform doctor. Do not give milk or fatty oils.

SAFETY DATA SHEET

CLARY SAGE OIL

REVISION: 10.06.2016

4.2	Most Important Symptoms and Effects, both Acute and Delayed	No further relevant information available.
4.3	Indication of Immediate Medical Attention and Special Treatment Needed	No further relevant information available.
5 Fire-fighting Measures		
5.1	Extinguishing Media	CO ₂ , powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
	Unsuitable Extinguishing Agents	Water with full jet.
5.2	Special Hazards Arising from the Substance or Mixture	Carbon monoxide (CO).
5.3	Advice for Fire-fighters	No special measures required.
6 Accidental Release Measures		
6.1	Personal Precautions, Protective Equipment and Emergency Procedures	Not required.
6.2	Environmental Precautions	Do not allow product to reach sewage system or any water course. Inform respective authorities in case of seepage into water course or sewage system. Do not allow to enter sewers/surface or ground water.
6.3	Methods and Material for Containment and Cleaning Up	Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Dispose contaminated material as waste according to item 13. Ensure adequate ventilation.
6.4	Reference to Other Sections	See Section 7 for information on safe handling. See Section 8 for information on personal protection equipment. See Section 13 for disposal information.
7 Handling and Storage		
7.1	Precautions for Safe Handling	Ensure good ventilation/exhaustion at the workplace. Prevent formation of aerosols.
	Information about Fire and Explosion Protection	No special measures required.
7.2	Conditions for Safe Storage, Including any Incompatibilities	Store only in unopened original receptacles. Keep receptacle tightly sealed. Store in the dark.
7.3	Specific End Use(s)	No further relevant information available.

SAFETY DATA SHEET

CLARY SAGE OIL

REVISION: 10.06.2016

8 Exposure Controls/Personal Protection

8.1 Control Parameters:

Ingredients with Limit Values that Require Monitoring at the Workplace	The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
Additional Information	The lists valid during the making were used as basis.

8.2 Exposure Controls:

Personal Protective Equipment	No information available.
General Protective and Hygienic Measures	Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing. Wash hands before breaks and at the end of work. Avoid contact with the skin. Avoid contact with the eyes and skin.
Respiratory Protection	Not required.
Hand Protection	Protective gloves. The glove material has to be impermeable and resistant to the product/the substance/the preparation. Due to missing tests no recommendation to the glove material can be given for the product/the preparation/ the chemical mixture. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation. The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material cannot be calculated in advance and has therefore to be checked prior to the application. The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
Eye Protection	Tightly sealed goggles.

9 Physical and Chemical Properties

9.1 Information on Basic Physical and Chemical Properties:

Appearance	Liquid.
Colour	According to Product Specification.
Odour	Characteristic.
Melting Point/Melting Range	Undetermined.
Boiling Point/Boiling Range	Undetermined.
Flash Point (°C)	75
Flammability (Solid, gaseous)	Not applicable.
Decomposition Temperature	Not determined.
Self-igniting	Product is not self-igniting.
Danger of Explosion	Product does not present an explosion hazard.
Density at 20°C	Not determined.
Evaporation Rate	Not determined.
Solubility in/Miscibility with Water	Not miscible or difficult to mix.

SAFETY DATA SHEET

CLARY SAGE OIL

REVISION: 10.06.2016

9.2	Other Information	No further relevant information available.
10 Stability and Reactivity		
10.1	Reactivity	No further relevant information available.
10.2	Chemical Stability	
	Thermal Decomposition/Conditions to Avoid	No decomposition if used according to specifications.
10.3	Possibility of Hazardous Reactions	No dangerous reactions known.
10.4	Conditions to Avoid	No further relevant information available.
10.5	Incompatible Materials	No further relevant information available.
10.6	Hazardous Decomposition Products	No dangerous decomposition products known.
11 Toxicological Information		
11.1 Information on Toxicological Effects:		
Acute Toxicity	Based on available data, the classification criteria are not met.	
Primary Irritant Effect	Skin Corrosion/Irritation	Causes skin irritation.
	Serious Eye Damage/Irritation	Causes serious eye irritation.
	Respiratory or Skin Sensitisation	May cause an allergic skin reaction.
	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	Based on available data, the classification criteria are not met.
12 Ecological Information		
12.1	Toxicity	
	Aquatic Toxicity	No further relevant information available.
12.2	Persistence and Degradability	No further relevant information available.
12.3	Bioaccumulative Potential	No further relevant information available.
12.4	Mobility in Soil	No further relevant information available.
12.5	Ecotoxicological Effects	
	Remark	Harmful to fish.

SAFETY DATA SHEET

CLARY SAGE OIL

REVISION: 10.06.2016

	General Notes	Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system. Harmful to aquatic organisms.
12.6	Results of PBT and vPvB Assessment	Not applicable.
12.7	Other Adverse Effects	No further relevant information available.

13 Disposal Considerations

13.1	Waste Treatment Methods	Must not be disposed together with household garbage. Do not allow product to reach sewage system.
13.2	Uncleaned Packaging	Disposal must be made according to official regulations.

14 Transport Information

14.1	UN Number (ADR, ADN, IMDG, IATA)	Void.
14.2	UN Proper Shipping Name (ADR, ADN, IMDG, IATA)	Void.
14.3	Transport Hazard Class(es) (ADR, ADN, IMDG, IATA)	Void.
14.4	Packing Group (ADR, IMDG, IATA)	Void.
14.5	Environmental Hazards Marine Pollutant	No.
14.6	Special Precautions for User	Not applicable.
14.7	Transport in Bulk According to Annex II of MARPOL73/78 and the IBC Code	Not applicable.
14.8	Transport/Additional Information	Not dangerous according to the above specifications.
14.9	UN "Model Regulation"	Void.

15 Regulatory Information

15.1	Safety, Health and Environmental Regulations/Legislation Specific for the Substance or Mixture	Directive 2012/18/EU: Named Dangerous Substances – ANNEX I: None of the ingredients is listed.
15.2	Chemical Safety Assessment	A Chemical Safety Assessment has not been carried out.

16 Other Information

16.1 Relevant Phrases:

H226	Flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.

SAFETY DATA SHEET

CLARY SAGE OIL

REVISION: 10.06.2016

H319	Causes serious eye irritation.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

16.2 Abbreviations and Acronyms:

ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road.
IMDG	International Maritime Code for Dangerous Goods.
IATA	International Air Transport Association.
GHS	Globally Harmonised System of Classification and Labelling of Chemicals.
EINECS	European Inventory of Existing Commercial Chemical Substances.
ELINCS	European List of Notified Chemical Substances.
CAS	Chemical Abstracts Service (Division of the American Chemical Society).
PBT	Persistent, Bioaccumulative and Toxic.
vPvB	Very Persistent and very Bioaccumulative.
Flam. Liq. 3	Flammable liquids, Hazard Category 3.
Skin Irrit. 2	Skin corrosion/irritation, Hazard Category 2.
Eye Irrit. 2	Serious eye damage/eye irritation, Hazard Category 2.
Skin Sens. 1	Sensitisation – Skin, Hazard Category 1.
Skin Sens. 1B	Sensitisation – Skin, Hazard Category 1B.
Asp. Tox. 1	Aspiration hazard, Hazard Category 1.
Aquatic Acute 1	Hazardous to the aquatic environment – Acute Hazard, Category 1.
Aquatic Chronic 1	Hazardous to the aquatic environment – Chronic Hazard, Category 1.
Aquatic Chronic 3	Hazardous to the aquatic environment – Chronic Hazard, Category 3.

WARNING/DISCLAIMER:

The information in this Material Safety Data Sheet is based on the properties of the material known to MADAR Corporation at the time the data sheet was issued. The safety data sheet is intended to provide information for health and safety assessment of the material and the circumstances under which it is packaged, stored or applied in the workplace. This document is not intended for quality assurance purposes.



SPECIFICATION

MATERIAL	CLARY SAGE OIL
CAS NUMBER	8016-63-5
BOTANICAL NAME	<i>Salvia sclarea L. Lamiaceae</i>
PLANT PART	Flowering tops and foliage

Appearance	Pale yellow liquid
Odour	Characteristic, herbaceous
O.R. @ 20°C	-10.0 to -2.0
S.G.@ 20°C	0.887 to 0.901
R.I. @ 20°C	1.451 to 1.465
Flashpoint °C	57
Solubility	Soluble in ethanol at 80° 0.6 V+

Storage

To be stored at room temperature, in a dry place in tightly closed containers preferably full. Protect from light.

Handling

According to IFRA Code of Practice.

Recommended Uses

Multiple uses.

Caution

Concentrated product for industrial use avoid contact with eyes and mucous. Do not ingest.



VEGETARIAN & VEGAN SUITABILITY STATEMENT

CLARY SAGE OIL

We declare that the essential oil mentioned above is free of:

Meat (red meat, poultry, seafood and the flesh of any animal), and by-products of animal slaughter.

Therefore, can be used for vegetarian and vegan suitability.

The information contained herein is true and accurate to the best of our knowledge. All information is valid until revisions are issued. We will not therefore accept liability for misuse of the data resulting in damage or loss.