

CERTIFICATE OF ANALYSIS

MATERIAL	CLARY SAGE OIL RUSSIAN
BATCH	4398710
LOT	JUNE 2023

Appearance	Pale yellow liquid
Odour	Characteristic, herbaceous
O.R. @ 20°C	-7.4
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 NA	AME:
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CLARY SAGE OIL

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

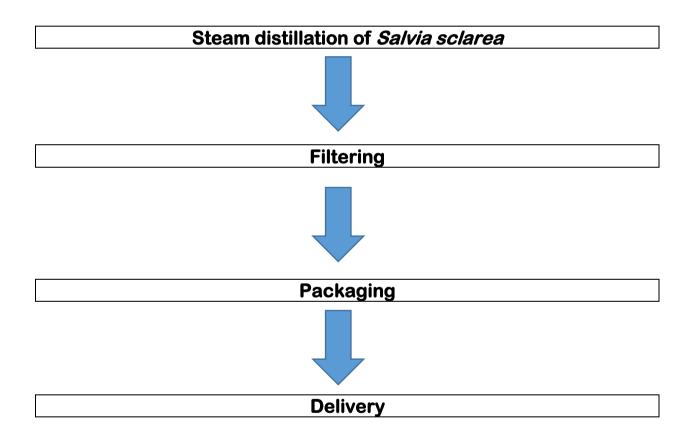
* A denotes absent

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.



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

<0.1%



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.).	Class 1	
Children's Toys.		
Deodorant and Antiperspirant Products of all types including any product with intended or	Class 2	
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.		
Hydroalcoholic Products Applied to Recently Shaved Skin (includes After Shave)	Class 3A	
Hydroalcoholic Products Applied to Recently Shaved Skin (includes After Shave) Fine	Class 3B	
Fragrance.		
Eye Products of all types (eye shadow, mascara, eyeliner, eye make-up, etc.) including eye	Class 3C	
care.		
Men's Facial Creams and Balms.		
Baby Creams, Lotions, Oils.		
Body Paint for Children.		
Tampons.	Class 3D	
Hydroalcoholic Products applied to unshaved skin (includes aqueous based, alcoholic based	Class 4A	
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.		
Fine Fragrance – Hydroalcoholic Products applied to unshaved skin (includes aqueous	Class 4B	
based, alcoholic based and hydroalcohlic) like Cologne, eau de cologne, Eau de Parfum or		
Parfum.		
Hair Styling Aids, Sprays of all types (pumps, aerosol sprays, etc.)	Class 4C	
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).		
Fragrancing Cream, Solid Perfumes.	Class 4D	

ANNEX: Definition of IFRA Classes



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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. Mouthwash, including Breath Sprays, Toothpaste.	Class 5
	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	Class 11
(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).	

1 Identification of t	he Suhst	ance/Mixture and of the Company/Undertaking	
1.1 Trade Name: CLARY SAGE OIL			
		of the Substance or Mixture and Uses Advised Against:	
No further relevant i			
Application of the Su	ubstance		
Multiple uses.			
		the Safety Data Sheet:	
Manufacturer/Supp			
MADAR Corporation			
19-20 Sandleheath Ir	ndustrial	Estate	
Fordingbridge			
Hampshire			
SP6 1PA			
	•	ments, New Directions, World of Moulds	
1.4 Further Informat	ion Obt	ainable from: MADAR Corporation Limited	
2 Hazards Identifica	tion		
2.1 Classification of	the Subs	tance or Mixture:	
Classification Accord	ling to R	egulation (EC) No. 1272/2008:	
GHS07 Skin Irrit.	2	H315 Causes skin irritation.	
Eye Irrit. 2	2	H319 Causes serious eye irritation.	
Skin Sens		H317 May cause an allergic skin reaction.	
Aquatic C		H412 Harmful to aquatic life with long lasting effects.	
2.2 Label Elements:			
	to Regul	ation (EC) No. 1272/2008:	
	-	labelled according to the CLP regulation.	
Hazard Pictograms:			
Cignel Mond			
Signal Word	-	WARNING	
Hazard-determinin	-	d-Limonene	
Components of Labelling		Nerol	
		Geranyl Acetate	
Hazard Statements:	1		
H315	Causes skin irritation.		
H319	Causes	serious eye irritation.	
H317	May cause an allergic skin reaction.		
H412	Harmf	I to aquatic life with long lasting effects.	
	•	·	

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

3 Composition/Information on Ingredients 3.1 Chemical Characterisation:

Mixtures:

Description	CS (UVCB) Constituents Information		
3.2 Hazardous Components:			
ID Numbers	Chemical Name, Classification & Hazards %		
CAS: 115-95-7	Linalyl acetate 50-2		
EINECS: 204-116-4	Skin Irrit. 2, H315; Eye Irrit. 2, H319		
CAS: 78-70-6	Linalool 10-25		
EINECS: 201-134-4	Skin Irrit. 2, H315; Eye Irrit. 2, H319		
CAS: 5989-27-5	d-limonene ≤2.5		
EINECS: 227-813-5	Flam. Liq. 3, H226; Asp. Tox. 1, H304; Aquatic Acute 1, H400;		
	Aquatic Chronic 1, H410; Skin Irrit. 2, H315; Skin Sens. 1B, H317		
CAS: 105-87-3	Geranyl Acetate ≤2.5		
EINECS: 203-341-5	Skin Irrit. 2, H315; Skin Sens. 1B, H317; Aquatic Chronic 3, H412		
CAS: 106-25-2	Nerol ≤2.5		
EINECS: 203-378-7	EINECS: 203-378-7 Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1B, H317		
3.3 Additional Information For the wording of the listed risk phrases refer to Section 16.		ases refer to Section 16.	

4 First Aid Measures

4.1	Description of First Aid	Immediately remove any clothing soiled by the product.
	Measures	
	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.

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4.2	Most Important N	No further relevant information available.		
	Symptoms and Effects,			
	both Acute and Delayed			
4.3		No further relevant information available.		
	Medical Attention and			
	Special Treatment Needed			
5 Fire	e-fighting Measures			
5.1	Extinguishing Media	CO2, powder or water spray. Fight larger fires with		
		water spray or alcohol resistant foam.		
	Unsuitable Extinguishing Agen			
5.2	Special Hazards Arising from t			
5.2	Substance or Mixture			
5.3	Advice for Fire-fighters	No special measures required		
5.5	Advice for Fire-fighters	No special measures required.		
C A u				
	idental Release Measures			
6.1	Personal Precautions,	Not required.		
	Protective Equipment and			
	Emergency Procedures			
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	Absorb with liquid-binding material (sand, diatomite,		
	Containment and Cleaning Up			
		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 Har	ndling and Storage			
7.1	Precautions for Safe Handling	Ensure good ventilation/exhaustion at the workplace.		
		Prevent formation of aerosols.		
	Information about Fire and	No special measures required.		
	Explosion Protection			
7.2	Conditions for Safe Storage,	Store only in unopened original receptacles. Keep		
1				

Including any Incompatibilities

7.3 Specific End Use(s)

receptacle tightly sealed. Store in the dark.

No further relevant information available.

8 Exposure Controls/Personal Protection		
8.1 Control Parameters:		
Ingredients with Limit Values that		The product does not contain any relevant quantities
Require Monitoring at th	e Workplace	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	No informati	on available.
Equipment		
General Protective and	Keep away fr	om foodstuffs, beverages and feed. Immediately remove
Hygienic Measures	all soiled and	contaminated clothing. Wash hands before breaks and
	at the end o	f work. Avoid contact with the skin. Avoid contact with
	the eyes and	skin.
Respiratory Protection	Not required	
Hand Protection	-	oves. The glove material has to be impermeable and
	resistant to	the product/the substance/the preparation. Due to
	•	no recommendation to the glove material can be given
		uct/the preparation/ the chemical mixture. Selection of
_		terial on consideration of the penetration times, rates of
		the degradation. The selection of the suitable gloves
		y depend on the material, but also on further marks of
		varies from manufacturer to manufacturer. As the
		preparation of several substances, the resistance of the
	•	al cannot be calculated in advance and has therefore to
		rior to the application. The exact break through time has
		but by the manufacturer of the protective gloves and has
	to be observe	
Eye Protection	Tightly sealed	d 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.	

9.2	Other Information No further re			ther relevant information available.		
9.2	Other Information No fur		NO TUR	ther relevant information available.		
10 Sta	10 Stability and Reactivity					
10.1	Reactivity			No further relevant information available.		
10.2	Chemical S	Chemical Stability				
	Thermal Decomposition/Conditions		tions	No decomposition if used according to		
	to Avoid			specifications.		
10.3	Possibility	of Hazardous Reacti	ons	No dangerous reactions known.		
10.4	Conditions	to Avoid		No further relevant information available.		
10.5	Incompatik	ole Materials		No further relevant information available.		
10.6	Hazardous	Decomposition Pro	ducts	No dangerous decomposition products known.		
11.1 lr		n Toxicological Effec				
-	e Toxicity		data, t	he classification criteria are not met.		
Effec	ary Irritant	Skin Corrosion/ Irritation		Causes skin irritation.		
Effec	τ					
		Serious Eye Damag	ge/	Causes serious eye irritation.		
	Irritation			May cause an allergic skin reaction		
	Respiratory or Skin		1	May cause an allergic skin reaction.		
	Sensitisation Germ Cell Mutagen		nicity	Based on available data, the classification criteria		
				are not met.		
	Carcinogenicity			Based on available data, the classification criteria		
				are not met.		
		Reproductive Toxic	city	Based on available data, the classification criteria		
				are not met.		
		STOT-single Expose	ure	Based on available data, the classification criteria are not met.		
		STOT-repeated		Based on available data, the classification criteria		
		Exposure		are not met.		
	Aspiration Hazard			Based on available data, the classification criteria		
				are not met.		
	· · · · · · · · · · · · · · · · · · ·					
	logical Infor	mation	1			
12.1						
	Aquatic Toxicity			urther relevant information available.		
12.2	° ,			urther relevant information available.		
12.3				urther relevant information available.		
12.4	Mobility in		NO fu	urther relevant information available.		
12.5	Ecotoxical Effects		<u></u>	<u>, , , , , , , , , , , , , , , , , , , </u>		
	Remark		Harm	nful to fish.		

	Conoral Notas		Do not allow undiluted product or large quantities of it
	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		Not applicable.
12.0			Not applicable.
12.7	Assessment		No further relevant information available.
12.7	Other Adverse Effects		No further relevant information available.
13 Disp	oosal Considerations		
13.1	Waste Treatment	Must no	ot be disposed together with household garbage. Do not
	Methods		roduct to reach sewage system.
13.2	Uncleaned Packaging	-	al must be made according to official regulations.
14 Trai	nsport Information		
14.1	UN Number		Void.
	(ADR, ADN, IMDG, IATA	()	
14.2	UN Proper Shipping Na	me	Void.
	(ADR, ADN, IMDG, IATA	()	
14.3	Transport Hazard Class	(es)	Void.
	(ADR, ADN, IMDG, IATA	()	
14.4	Packing Group		Void.
	(ADR, IMDG, IATA)		
14.5	Environmental Hazards		
	Marine Pollutant		No.
14.6	Special Precautions for		Not applicable.
14.7	Transport in Bulk According		Not applicable.
	to Annex II of MARPOL73/78		
	and the IBC Code		
14.8	Transport/Additional		Not dangerous according to the above specifications.
110	Information	,	
14.9	UN "Model Regulation"		Void.
15 Dee	ulatory Information		
15 Reg 15.1	Safety, Health and Envi	ronmant	al Directive 2012/18/EU: Named Dangerous
15.1			· · · · · · · · · · · · · · · · · · ·
	Regulations/Legislation Specifi for the Substance or Mixture		listed.
15.2			A Chemical Safety Assessment has not been carried
15.2	Chemical Salety Assess	incinc	out.
			000
<u> 16 Oth</u>	er Information		
	elevant Phrases:		
H226	Flammable liqui	d and va	pour.
H304			d and enters airways.
H315	•		
H317			

H319	319 Causes serious eye irritation.		
H400	Very toxic to aquatic life.		
H410	Very toxic to aquatic life with long lasting effects.		
H412			
16.2 Abbreviations and Acronyms:			
		European Agreement concerning the International Carriage of Dangerous	
		Goods by Road.	
IMDG		International Maritime Code for Dangerous Goods.	
ΙΑΤΑ		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.	
		Chemical Abstracts Service (Division of the American Chemical Society).	
PBT Persistent, Bioaccumulative and Toxic.		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.	
	CI A 18 4		

WARNING/DISCLAIMER:

The information is 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	Salvia sclarea L. Lamiaceae
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 byproducts 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.