



Certificate of Analysis

Product Description: **Neroli Tunisian** **INCI Name:** **Citrus Aurantium Amara Flower Oil**

EINECS Number: **277-143-2** **CAS Number:** **68916-01-1/72968-50-4**

Batch Number: **4327706** **Best Before End:** **June 2021**

Analytical Details	Result
Appearance	Yellow mobile liquid
Odour	Characteristic, floral, fresh
Specific Gravity @ 20°C	0.872
Refractive Index @ 20°C	1.469
Optical Rotation @ 20°C	+1.1



Allergen Statement

Product: Neroli Tunisian Essential Oil

Product Code: OENEROTUNI

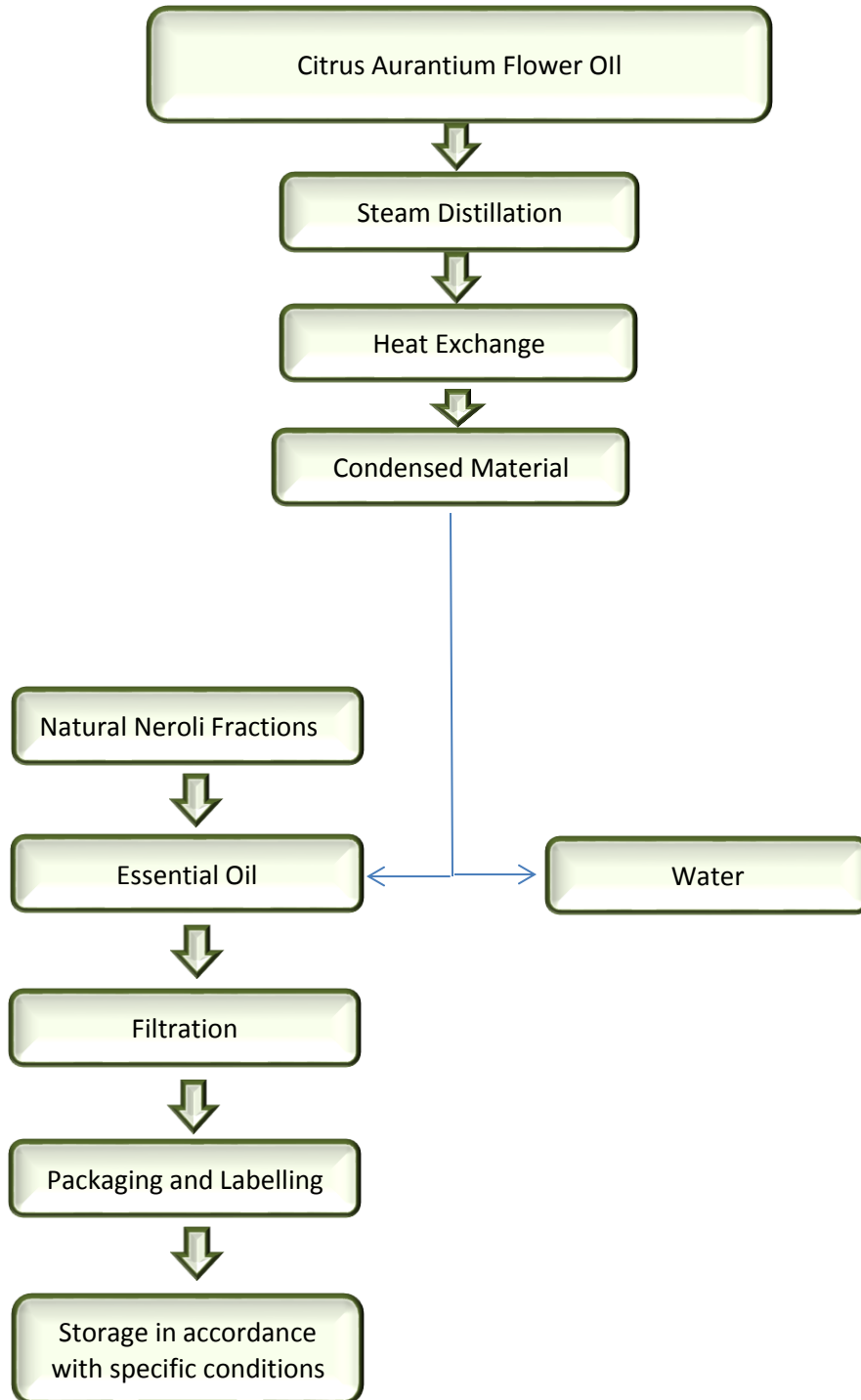
INCI Name: Citrus Aurantium Amara Flower Oil

Cosmetic Allergens

From The 7th Amendment to the Cosmetic Directive of the European Union (EU) – Annex III 26
Fragrance Allergens

<u>Annex III Ref:</u>	<u>Material:</u>	<u>CAS No:</u>	<u>Total Allergen Inclusion Level (%)</u>
67	AMYL CINNAMAL	122-40-7	0
68	BENZYL ALCOHOL	100-51-6	0
69	CINNAMYL ALCOHOL	104-54-1	0
70	CITRAL	5392-40-5	< 0.4
71	EUGENOL	97-53-0	< 0.1
72	HYDROXY-CITRONELLAL	107-75-5	0
73	ISOEUGENOL	97-54-1	0
74	AMYL CINNAMYL ALCOHOL	101-85-9	0
75	BENZYL SALICYLATE	118-58-1	< 0.1
76	CINNAMAL	104-55-2	0
77	COUMARIN	91-64-5	0
78	GERANIOL	106-24-1	< 6.3
79	HYDROXY-METHYLPENTYL CYCLOHEXENECARBOXALDEHYDE	31906-04-4	0
80	ANISE ALCOHOL	105-13-5	0
81	BENZYL CINNAMATE	103-41-3	0
82	FARNESOL	4602-84-0	< 3.5
83	BUTYLPHENYL METHYLPROPIONAL	80-54-6	0
84	LINALOOL	78-70-6	< 39.6
85	BENZYL BENZOATE	120-51-4	< 0.1
86	CITRONELLOL	106-22-9	< 2.0
87	HEXYL CINNAM-ALDEHYDE	101-86-0	0
88	LIMONENE	5989-27-5	< 13.9
89	METHYL HEPTIN CARBONATE	111-12-6	0
90	ALPHA-ISOMETHYL IONONE	127-51-5	0
91	EVERNIA PRUNASTRI EXTRACT	90028-68-5	0
92	EVERNIA FURFURACEA EXTRACT	90028-67-4	0

Neroli Tunisian Essential Oil Manufacturing Flow Chart





Date: 14/11/2018

Re: GMO – Neroli Tunisian Essential Oil

We can confirm that the Neroli Tunisian Essential Oil (Citrus Aurantium Amara Flower Oil) supplied by the MADAR Corporation is not produced from a raw material that has been genetically modified.



IFRA

Product Code	OENEROTUNI	Document Version:	1
Product Name	Neroli Tunisian Essential Oil	Revision Date:	19/05/2017
INCI	Citrus Aurantium Flower Oil		
CAS Number	8016-34-8 / 72968-50-4		
EINECS Number	- / 277-143-2		

Product Statement

We certify that the above named material contains the following restricted components listed in the 48th Amendment of the INTERNATIONAL FRAGRANCE ASSOCIATION (IFRA) Code of practice.

Restricted Component	CAS No.	% Level in Product
Linalool	78-70-6	< 39.6
Limonene	5989-27-5	< 13.9
Citral	5392-40-5	< 0.4
Eugenol	97-53-0	< 0.1
Benzyl Salicylate	118-58-1	< 0.1
Geraniol	106-24-1	< 6.3
Farnesol	4602-84-0	< 3.5
Benzyl Benzoate	120-51-4	< 0.1
Citronellol	106-22-9	< 2.0
Benzaldehyde	100-52-7	< 0.1
Carvone	99-49-0	< 0.1
Perilla Aldehyde	2111-75-3	< 0.1
Phenyl Acetaldehyde	122-78-1	< 0.1
Trans-2-Hexanal	6728-26-3	< 0.1
Benzyl Cyanide from Naturals	140-29-4	< 0.1
Furfural	98-01-1	< 0.1

Additional Comments

*Benzyl Cyanide from Naturals — on the basis of established maximum levels of this substance in commercially available natural sources (like essential oils and extracts), exposure to this substance from the use of these oils and extracts is not significant and the use of these oils authorised as long as the level of Benzyl Cyanide in the finished product does not exceed 100ppm.



IFRA CLASSES	% MAXIMUM USE LEVEL
Category 1	1.0
Category 2	1.0
Category 3A	1.0
Category 3B	1.0
Category 3C	1.0
Category 3D	1.0
Category 4A	1.0
Category 4B	1.0
Category 4C	1.0
Category 4D	1.0
Category 5	1.0
Category 6	1.0
Category 7A	1.0
Category 7B	1.0
Category 8A	1.0
Category 8B	1.0
Category 9A	1.0
Category 9B	50.0
Category 9C	50.0
Category 10A	50.0
Category 10B	1.0
Category 11	50.0

Finished product types	IFRA class
Toys; Lip Products of all types (solid and liquid lipsticks, balms, clear or colored etc...)	Class 1
Deodorant and Antiperspirant products of all types (spray, stick, roll-on, under-arm and body etc...)	Class 2
Hydroalcoholic products applied to recently shaved skin (EdT range)	Class 3.A
Hydroalcoholic products applied to recently shaved skin (fine fragrance range)	Class 3.B
Eye Products of all types (eye shadow, mascara, eyeliner, eye make-up, etc...) including eye cream. Men's Facial Creams and Balms	Class 3.C
Tampons.	Class 3.D
Hydroalcoholic Products applied to unshaved skin (EdT range). Ingredients of Perfume Kits. Scent Strips for Hydroalcoholic Products, "scratch and sniff", other paper products not mentioned elsewhere for which skin exposure is only incidental (e.g. spectacle cleaning tissues).	Class 4.A
Hydroalcoholic Products applied to unshaved skin (Fine Fragrance range).	Class 4.B



Hair Styling Aids and Hair Sprays of all types (pumps, aerosol sprays, etc...); Hair Deodorant. Body Creams, Oils, Lotions of all types (including baby creams, lotions, oils). Fragrance Compounds for Cosmetic Kits, Foot Care Products	Class 4.C
Fragrancing Cream	Class 4.D
Women's Facial Creams/Facial Make-up (excluding eye cream); Facial Masks; Hand Cream Wipes or refreshing tissues for Face, Neck, Hands, Body.	Class 5
Mouthwash, Toothpaste.	Class 6
Intimate Wipes; Baby Wipes.	Class 7 A
Insect Repellent (intended to be applied to the skin).	Class 7 B
Make-up Removers of all types (not including face cleansers). Hair Styling Aids Non-Spray of all types (mousse, gels, leave-in conditioners etc...). Nail Care. All Powders & Talcs (including baby powders and talcs).	Class 8
Liquid Soap, Bar Soap (toilet soap); Depilatory; Conditioner (rinse-off), 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...).Body Washes of all types (including baby washes).Shower Gels of all types; Bath Gels, Foams, Mousses, Salts, Oils and other products added to bathwater	Class 9.A
Feminine hygiene pads / liners.	Class 9.B
'Other' Aerosols (including air fresheners sprays but not including deodorant/antiperspirants, hair styling aids spray).	Class 9.C
Hand wash/Machine wash Laundry Detergents of all types (liquid, powder, tablet, etc...) including Laundry Bleaches. Other Household Cleaning Products (fabric cleaners, soft surface cleaners, carpet cleaners etc...) . Dry Cleaning Kits. Fabric Softeners of all types including fabric softener sheets. Hand Dishwashing Detergent. Hard Surface Cleaners of all types (bathroom and kitchen cleansers, furniture polish etc...). Shampoos for pets	Class 10.A
Diapers. Toilet seat wipes.	Class 10.B
All non-skin contact, including: Air Fresheners and fragrancing of all types (excluding aerosol products): plug-ins, solid substrate, membrane delivery; Toilet blocks; Joss Sticks, Incense; Insecticides (mosquito coil, paper, electrical, etc...excluding aerosols); Plastic articles (excluding toys); Candles; Fuels; Paints; Floor wax; Liquid refills for air fresheners (cartridge system)	Class 11.A
All incidental skin contact, including: Machine Dish wash Detergents and Deodorizers. Machine only Laundry Detergents (e.g. liquid tabs). Deodorizers/Maskers (e.g. fabric drying machine deodorizers, carpet powder). Pot pourri, fragrancing sachets, liquid refills for air fresheners (non-cartridge systems), etc... Shoe polishes; Cat Litter; Animal Sprays (excluding aerosols); Treated Textiles (e.g. starch sprays, fabric treated with fragrances after wash, deodorizers for textiles or fabrics, tights with moisturizers); Odored Distilled Water (that can be added to steam irons).	Class 11.B

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.

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 user's responsibility to satisfy himself as to the suitability of such information for his own particular use.

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SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product Identifier					
Product Name	Neroli Tunisian Oil, Natural				
Biological Definition	A natural blend of the volatile oil obtained by steam distillation of the fragrant white blossoms of the bitter orange tree <i>Citrus aurantium</i> L. subsp. <i>amara</i> Engl.				
INCI Name	Citrus Aurantium Amara Flower Oil				
Synonyms & Trade Names	Neroli Oil				
Product Code	OENEROTUNIS				
CAS-No	68916-04-1 / 72968-50-4	EC No.	-	EINECS No.	- / 277-143-2

1.2 Details of the supplier of the safety data sheet

Company Identification	MADAR Corporation Limited 19-20 Sandleheath Industrial Estate Fordingbridge Hampshire SP6 1PA E-mail: sales@madarcorporation.co.uk				
Approved Sellers	Cosmetic Butters, Mystic Moments, New Directions, World of Moulds				

1.3 Details of the supplier of the safety data sheet

Emergency Contact	☎ 01425 655555 During office hours				
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SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification (67/548/EEC)	The Full Text for all Hazard Statements displayed in Section 16.
Classification (EU 1272/2008)	Serious eye damage, Category 1 (Eye Dam. 1, H318). Skin sensitisation, Category 1 (Skin Sens. 1, H317). Hazardous to the aquatic environment - Chronic hazard, Category 2 (Aquatic Chronic 2, H411). This mixture does not present a physical hazard. Refer to the recommendations regarding the other products present on the site.

2.2 Label elements

Label in accordance with Regulation (EC) No 1272/2008

GHS Label:	   <p>GHS07 GHS09 GHS05</p>
Signal word:	Danger
Contains	601-029-00-7 (R)-P-MENTHA-1,8-DIENE EC 203-377-1 GERANIOL EC 204-872-5 B-PINENE EC 201-291-9 ALPHA-PINENE X EC 203-375-0 CITRONELLOL EC 225-004-1 FARNESOL.
Hazard Statements:	H317 May cause an allergic skin reaction. H318 Causes serious eye damage. H411 Toxic to aquatic life with long lasting effects.
Precautionary Statements:	P272 Contaminated work clothing should not be allowed out of the workplace. P273 Avoid release to the environment. P280 Wear protective gloves/protective clothing/eye protection/face protection. P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Supplementary Precautionary Statements:	P501 Dispose of contents/container

Risk phrases and Safety phrases in full refer to *Section 16 – Other Information*

2.3 Other hazards	
Adverse physio-chemical properties	No additional data available.
Adverse effects on human health	No additional data available.

SECTION 3: Composition/information on ingredients

3.1 Substances

<p>< 39.6% Linalool CAS-No.: 78-70-6 EC No.: 201-134-4 Classification (EC 1272/2008) Acute Tox. 5 - H303, Skin Irrit. 2 - H315, Aquatic Acute 3 - H402</p> <p>10.0 – 25.0% Linalyl Acetate CAS: 115-95-7, EC: 204-116-4 Classification (EC 1272/2008) Skin Irrit. 2, H315; Eye Irrit. 2, H319</p> <p>< 13.9% (R)-P-MENTHA-1,8-DIENE CAS: 5989-27-5, EC: 227-813-5 Classification (EC 1272/2008) Flam. Liq. 3, H226, Skin Irrit. 2, H315, Skin Sens. 1, H317, Aquatic Acute 1, H400 M Acute = 1, Aquatic Chronic 1, H410 M Chronic = 1</p> <p>2.5 - 10.0% Nerol CAS: 106-25-2, EC: 203-378-7 Classification (EC 1272/2008) Eye Irrit. 2, H319, Skin Irrit. 2, H315</p> <p>< 6.3% Geraniol CAS: 106-24-1, EINECS: 203-377-1 Classification (EC 1272/2008) Eye Dam. 1, H318; Skin Irrit. 2, H315; Skin Sens. 1, H317</p> <p>2.5 - 10.0% B-Pinene CAS: 127-91-3, EC: 204-872-5 Classification (EC 1272/2008) Asp. Tox. 1, H304, Flam. Liq. 3, H226, Skin Irrit. 2, H315, Skin Sens. 1, H317</p> <p>2.5 – 10.0% Terpinyl Acetate CAS: 80-26-2, EC: 201-265-7 Classification (EC 1272/2008) Aquatic Chronic 2, H411</p> <p>2.5 – 10.0% Alpha-Pinene X CAS: 80-56-8, EC: 201-291-9 Classification (EC 1272/2008) Asp. Tox. 1, H304, Flam. Liq. 3, H226, Skin Irrit. 2, H315, Skin Sens. 1, H317</p> <p>< 2.0% Citronellol CAS-No.: 106-22-9 EC No.: 203-375-0 Classification (EC 1272/2008) Eye Irrit. 2, H319, Skin Irrit. 2, H315, Skin Sens. 1, H317</p> <p>2.5 – 10.0% Nerolidol (Isomer Unspecified) CAS: 7212-44-4, EINECS: 230-597-5 Classification (EC 1272/2008) Eye Irrit. 2, H319, Aquatic Acute 1, H400 M Acute = 1, Aquatic Chronic 1, H410 M Chronic = 1</p> <p>2.5 – 10.0% Geranyl Acetate CAS-No.: 105-87-3 EC No.: 203-341-5 Classification (EC 1272/2008) Skin Irrit. 2, H315; Skin Sens. 1B, H317; Aquatic Chronic 3, H412</p> <p>< 3.5% Farnesol CAS: 4602-84-0, EINECS: 225-004-1 Classification (EC 1272/2008) Eye Irrit. 2, H319, Skin Irrit. 2, H315, Skin Sens. 1, H317</p> <p>2.5 – 10.0% Terpineol CAS: 8000-41-7, EINECS: 232-268-1 Classification (EC 1272/2008) Eye Irrit. 2, H319, Skin Irrit. 2, H315</p>
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3.2 Mixtures

EU INCI	US INCI
N/A	N/A

SECTION 4: First aid measures

4.1 Description of first aid measures

General Information	See Below
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.
Ingestion	Do not give the patient anything orally. In the event of swallowing, if the quantity is small (no more than one mouthful), rinse the mouth with water and consult a doctor. Seek medical attention immediately, showing the label.
Skin Contact	Remove contaminated clothing and wash the skin thoroughly with soap and water or a recognised cleaner. Watch out for any remaining product between skin and clothing, watches, shoes, etc. In the event of an allergic reaction, seek medical attention. If the contaminated area is widespread and/or there is damage to the skin, a doctor must be consulted or the patient transferred to hospital.
Eye Contact	Wash thoroughly with soft, clean water for 15 minutes holding the eyelids open. Regardless of the initial state, refer the patient to an ophthalmologist and show him the label.

4.2 Most important symptoms and effects, both acute and delayed

No additional data available.

4.3 Indication of any immediate medical attention and special treatment needed

No additional data available.

SECTION 5: Fire fighting measures

5.1 Extinguishing Media

Non-flammable

5.2 Special hazards arising from the substance or mixture.

No data available

5.3 Advice for fire-fighters

No data available

SECTION 6: Accidental release measures

6.1 Personal precautions

Consult the safety measures listed under headings 7 and 8.

For non first aid worker

Avoid any contact with the skin and eyes.

For first aid worker

First aid workers will be equipped with suitable personal protective equipment (See section 8).

6.2 Environmental precautions

Contain and control the leaks or spills with non-combustible absorbent materials such as sand, earth, vermiculite, diatomaceous earth in drums for waste disposal.

Prevent any material from entering drains or waterways.

6.3 Methods and material for containment and cleaning up

Clean preferably with a detergent, do not use solvents.

6.4 References to other sections.

Please refer to *Section 8 - Exposure controls/personal protection* for further information on personal precautions

Please refer to *Section 13 - Disposal Considerations* for further information on waste treatment.

SECTION 7: Handling and Storage

7.1 Precautions for safe handling

Requirements relating to storage premises apply to all facilities where the mixture is handled.
Individuals with a history of skin sensitisation should not, under any circumstance, handle this mixture.

Always wash hands after handling.
Remove and wash contaminated clothing before re-using.
Emergency showers and eye wash stations will be required in facilities where the mixture is handled constantly.
Fire prevention :
Prevent access by unauthorised personnel.
Recommended equipment and procedures :
For personal protection, see section 8.
Observe precautions stated on label and also industrial safety regulations.
Avoid eye contact with this mixture at all times.
Prohibited equipment and procedures :
No smoking, eating or drinking in areas where the mixture is used.

7.2 Conditions for safe storage, including any incompatibilities

Packaging
Always keep in packaging made of an identical material to the original.

7.3 Specific end use(s)

No additional data available.




SECTION 8: Exposure controls/personal protection

8.1 Control Parameters

Occupational exposure limits :
-ACGIH TLV (American Conference of Governmental Industrial Hygienists, Threshold Limit Values, 2010) :

CAS	TWA :	STEL :	Ceiling :	Definition :	Criteria :
127-91-3	20 ppm	-	-	-	-
80-56-8	20 ppm	-	-	-	-

8.2 Exposure Controls

Eye protection		Avoid contact with eyes. Use eye protectors designed to protect against liquid splashes Before handling, wear safety goggles with protective sides in accordance with standard EN166. In the event of high danger, protect the face with a face shield. Prescription glasses are not considered as protection. Individuals wearing contact lenses should wear prescription glasses during work where they may be exposed to irritant vapours. Provide eyewash stations in facilities where the product is handled constantly.
Hand protection		Use suitable protective gloves that are resistant to chemical agents in accordance with standard EN374. Gloves must be selected according to the application and duration of use at the workstation. Protective gloves need to be selected according to their suitability for the workstation in question : other chemical products that may be handled, necessary physical protections (cutting, pricking, heat protection), level of dexterity required. Recommended properties : - Impervious gloves in accordance with standard EN374
Skin Protection		Avoid skin contact. Wear suitable protective clothing. Suitable type of protective clothing : In the event of substantial spatter, wear liquid-tight protective clothing against chemical risks (type 3) in accordance with EN14605 to prevent skin contact. In the event of a risk of splashing, wear protective clothing against chemical risks (type 6) in accordance with EN13034 to prevent skin contact. Work clothing worn by personnel shall be laundered regularly. After contact with the product, all parts of the body that have been soiled must be cleaned.
Respiratory Equipment	Not required.	
Hygiene Measures	Good personal hygiene practices are always advisable, especially when working with chemicals / oils. Keep away from foodstuffs, beverages and feed.	
Engineering Measures	Provide adequate ventilation.	

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance	Mobile liquid
Colour	Yellow
Odour	Characteristic, floral, fresh
Relative Density	0.866 to 0.880
Flash Point (°C)	61 °c
Refractive Index	1.468 to 1.474
Melting Point (°C)	No data
Boiling Point (°C)	No data
Vapour Pressure	No data
Solubility in Water @20°C	Insoluble in water
Auto-ignition temperature (°C)	No data

9.2 Other information

No additional data available.

SECTION 10: Stability and reactivity

10.1 Reactivity

No additional data available.

10.2 Chemical stability

This mixture is stable under the recommended handling and storage conditions in section 7.

10.3 Possibility of hazardous reactions

No additional data available

10.4 Conditions to avoid

No additional data available

10.5 Incompatible materials

No additional data available

10.6 Hazardous decomposition products

The thermal decomposition may release/form :

- carbon monoxide (CO)
- carbon dioxide (CO₂)

SECTION 11: Toxicological information

11.1 Information on toxicological effects.

Acute toxicity:	<p>Acute toxicity :</p> <p>TERPINEOL (CAS: 8000-41-7) Oral route : LD50 = 4300 mg/kg</p> <p>CITRONELLOL (CAS: 106-22-9) Oral route : LD50 = 2650 mg/kg Dermal route : LD50 = 2650 mg/kg</p> <p>ALPHA-PINENE X (CAS: 80-56-8)</p>
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	<p>Oral route : LD50 = 3700 mg/kg</p> <p>GERANIOL (CAS: 106-24-1) Oral route : LD50 = 4200 mg/kg</p> <p>NEROL (CAS: 106-25-2) Oral route : LD50 = 4500 mg/kg</p> <p>LINALOOL (CAS: 78-70-6) Oral route : LD50 = 3000 mg/kg.</p>
Skin corrosion / irritation:	<p>May cause an allergic reaction by skin contact. Corrosivity : No observed effect.</p>
Serious eye damage/irritation:	<p>May have irreversible effects on the eyes, such as tissue damage in the eye, or serious physical decay of sight, which is not fully reversible by the end of observation at 21 days. Serious eye damage is typified by the destruction of cornea, persistent corneal opacity and iritis.</p>
Respiratory or skin sensitisation:	<p>May cause an allergic skin reaction.</p>
Germ cell mutagenicity:	<p>No additional data available.</p>
Carcinogenicity:	<p>CAS 5989-27-5 : IARC Group 3 : The agent is not classifiable as to its carcinogenicity to humans.</p>
Reproductive toxicity:	<p>No additional data available.</p>
STOT-single exposure:	<p>No additional data available.</p>
STOT-repeated exposure:	<p>No additional data available.</p>
Aspiration hazard:	<p>No additional data available.</p>
Other information:	<p>No additional data available.</p>

SECTION 12: Ecological information

12.1 Toxicity

Toxic to aquatic life with long lasting effects.
The product must not be allowed to run into drains or waterways.

12.2 Persistence and degradability

CITRONELLOL (CAS: 106-22-9).
Biodegradability : no degradability data is available, the substance is considered as not degrading quickly.

12.3 Bio-accumulative potential

CITRONELLOL (CAS: 106-22-9)
Octanol/water partition coefficient : $3 \leq \log K_{ow} < 4$.

12.4 Mobility in soil

No additional data available.

12.5 Results of PBT and VPVB assessment

No additional data available.

12.6 Other adverse effects

No additional data available.

SECTION 13: Disposal considerations

13.1 Waste Treatment Methods

Do not pour into drains or waterways.
Waste :
Waste management is carried out without endangering human health, without harming the environment and, in particular without risk to water, air, soil, plants or animals.
Recycle or dispose of waste in compliance with current legislation, preferably via a certified collector or company.
Do not contaminate the ground or water with waste, do not dispose of waste into the environment.
Soiled packaging :
Empty container completely. Keep label(s) on container.
Give to a certified disposal contractor.

SECTION 14: Transport information

Warning Icon



Proper Shipping Name ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID N.O.S ((r)-p-mentha-1,8-diene).

UN No. Road

UN 3082

ADR Class

Class 9

Hazard No (ADR)

90

Hazchem Code

•3Z

UN No. SEA

UN 3082

IMDG Class

Class 9

IMDG Pack Gr.

Pk Gp III

EMS

F-A, S-F

UN No. AIR

UN 3082

Air Class

Class 9

Air Pack Gr.

Pk Gp III

SECTION 15: Regulatory information

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

EU Directives	Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 th Dec 2006 Concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 199/45/EC and repealing Council Regulation Council Regulation (EEC) No793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, and 93/105/EEC and 2000/21/EC including amendments.
Statutory Instruments	The Chemicals (Hazard Information and Packaging for Supply Regulations 2009 (S.I. 2009 No 716).
Approved Code of Practice	Classification and Labelling of Substances and Preparations Dangerous for Supply. Safety Data Sheets for Substances and Preparations
Guidance Notes	Workplace Exposure Limits EH40. CHIP for everyone HSG 108.

15.2 Chemical safety assessment

An assessment has not been executed as this is not a hazardous material according to article 31 of REACH 1907/2006.

SECTION 16: Other information

Training instructions: Refer to possible hazard before use of this product.

Abbreviations and acronyms:

MSDS	Material Safety Data Sheet
INCI	International Nomenclature of Cosmetic Ingredients
CAS	Chemical Abstract Service
IMDG	International Maritime Code for Dangerous Goods
ADR	Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
RID	International Carriage of Dangerous Goods by Rail
ICAO	International Civil Aviation Organization
ADN	International Carriage of Dangerous Goods by Inland Waterways
GHS	Globally Harmonized System of Classification and Labelling of Chemicals
Trem Card	Transport Emergency Card
STOT	Specific Target Organ Toxicity
N/A	Not Available
Hazard and/or Precautionary Statements in full:	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. H318 Causes serious eye damage. H319 Causes serious eye irritation. H400 Very toxic to aquatic life. H410 Very toxic to aquatic life with long lasting effects. H411 Toxic to aquatic life with long lasting effects. H412 Harmful to aquatic life with long lasting effects

Complies with REACH guidance for SDS as circulated by ECHA 2011.

Disclaimer

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Revisions in this document

Date (DD-MM-YYYY)	Change	Revision Number
03/08/2017	New Issue	0
16/11/2017		1



SPECIFICATION

Product Code	OENEROTUNI	Document Version:	1
Product Name	Neroli Tunisian Oil, Natural	Revision Date:	16 th November 2017
INCI	Citrus Aurantium Amara Flower Oil		
CAS Number	68916-04-1 / 72968-50-4		
EINECS Number	277-143-2		

Product Description

A natural blend of the volatile oil obtained by steam distillation of the fragrant white blossoms of the bitter orange tree Citrus Aurantium L. subsp. Amara Engl.

Analytical Details	Range
Appearance	Yellow mobile liquid
Odour	Characteristic, floral, fresh
Specific Gravity @ 20°C	0.866 – 0.880
Refractive Index @ 20°C	1.468 – 1.474
Optical Rotation @ 20°C	+1.0 to +11.5

Shelf Life / Best Before	24 Months
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Each batch supplied is accompanied by a Certificate of Analysis which shall include results for the parameters listed above. However when more data is available we will include on the Certificate of Analysis for your information. We cannot guarantee these results for each batch we supply. This information contained herein is believed to be true and correct at the time of our response. It is not, and should not be construed as, a guarantee or warranty, or a part of our contractual or other legal obligations. Disclosure, reproduction or transmission, in whole or in part, without prior written consent of MADAR Corporation is not permitted.