

CERTIFICATE OF ANALYSIS

PRODUCT GERANIUM OIL, EGYPT

BATCH NO. 4544205

BEST BEFORE END 05/2027

TEST	UNIT	RESULTS
APPEARENCE COLOR		CLEAR MOBILE LIQUID PALE YELLOW
ODOR	(2/22)	FRESH, SWEET, GREEN, HERBAL 0.887
DENSITY 20 REFRACTIVE IND.20 GC ANALYSIS	(g/ml)	1.4650 PROFILE SIMILAR TO STANDARD

Exempt from registration (according to article 2.5 of REACH)

WE CERTIFY THAT THE QUALITY OF THIS PRODUCT CONFORMS WITH OUR SPECIFICATIONS.

THIS CERTIFICATE DOES NOT RELEASE THE CUSTOMER FROM THE OBLIGATION TO CARRY OUT AN EXAMINATION OF THE GOODS RECEIVED.

MADAR CORPORATION LTD SHALL NOT BE HELD LIABLE FOR ANY DAMAGE OR INJURY RESULTING FROM HANDLING OR WITH THE ABOVE PRODUCT.

THIS IS A COMPUTER PRINTED DOCUMENT AND IT IS THEREFORE NOT SIGNED.

DATE 30/11/20 QUALITY CONTROL DPT.



24 May 2023

FRAGRANCE ALLERGENS

Product name: GERANIUM OIL, EGYPT

Ingredient 2	Total content (w/v	v) 🥦		
Amyl cinnamic alcohol (CAS 101-85-9)	Not Detected			
Amyl cinnamic aldehyde (CAS 122-40-7)	Not Detected			
Anisyl alcohol (CAS 105-13-5)	Not Detected			
Benzyl alcohol (CAS 100-51-6)	Not Detected			
Benzyl benzoate (CAS 120-51-4)	Not Detected			
Benzyl cinnamate (CAS 103-41-3)	Not Detected			
Benzyl salicylate (CAS 118-58-1)	Not Detected			
Cinnamic alcohol (CAS 104-54-1)	Not Detected			
Cinnamic aldehyde (CAS 104-55-2)	Not Detected			
Citral (CAS 5392-40-5)	< 3%			
Citronellol (CAS 106-22-9)	< 36,0%			
Coumarin (CAS 91-64-5)	Not Detected			
Eugenol (CAS 97-53-0)	Not Detected			
Farnesol (CAS 4602-84-0)	Not Detected			
Geraniol (CAS 106-24-1)	< 18,0%			
Hexylcinnamic aldehyde (CAS 101-86-0)	Not Detected			
Hydroxycitronellal (CAS 107-75-5)	Not Detected			
Hydroxymethylpentylcyclohexene carboxaldehyde (Lyral) (CAS 31906-04-4)	Not Detected			
Isoeugenol (CAS 97-54-1)	Not Detected	,		
D-Limonene (CAS 5989-27-5)	< 0,5%			
Linalool (CAS 78-70-6)	< 7,0%			
2-methyl-3-(4-(1,1-dimethyl ethyl) phenyl)propanal (Lilial) (CAS 80-54-6)	Not Detected			
Methyl heptine carbonate (CAS 111-12-6)	Not Detected	-		
Gamma-methylionone (iso-alfa-Methylionone) (3-methyl-4-(2,6,6-trimethyl-2-cyclohexen-1-yl)-3-buten-2-one) (CAS 127-51-5)	Not Detected			
Treemoss (Evernia furfuracea) (CAS 90028-67-4)	Not Detected	\boldsymbol{A}		
Oakmoss (Evernia prunastri)(CAS 90028-68-5)	Not Detected			

Detection limit: 10 ppm

This list comprises references 45, 67 and 69 to 92 in Annex III to Regulation (EC) 1223/2009 (the Cosmetics Regulation).

Please note this document does not guarantee the suitability of the material as an ingredient in fragances in

the EEA. Statements such as REACH conformity may be required for such purpose.

Version date: 20 January 2014



30 January 2023

To whom it may concern

ALLERGENS CERTIFICATE

Product: GERANIUM OIL, EGYPT

To our knowledge from the currently existing information in our files received from our suppliers, we certify that the above-mentioned product does not contain any of the following materials*:

- Cereals containing gluten (i.e. wheat, rye, barley, oats, spelt, kamut or their hybridised strains) and products thereof
- Crustaceans and products thereof
- Eggs and products thereof
- Fish and products thereof
- Peanuts and products thereofSoybeans and products thereof
- Milk and products thereof (including lactose)
- Nuts (i.e. almonds (Amygdalus communis L.), hazelnuts (Corylus avellana), walnuts (Juglans regia), cashews (Anacardium occidentale), pecan nuts (Carya illinoiesis (Wangenh.) K. Koch), Brazil nuts (Bertholletia excelsa), pistachio nuts (Pistacia vera), macadamia nuts and Queensland nuts (Macadamia ternifolia) and products thereof
- Celery and products thereof
- Mustard and products thereof
- Sesame seeds and products thereof
- Sulphur dioxide and sulphites at concentrations of more than 10 mg/kg or 10 mg/L expressed as SO2
- Lupin and products thereof
- Molluscs and products thereof

*According to Regulation (EU) 1169/2011 of 25 October 2011 on the provision of food information to consumers.

The information contained herein is to the best of our knowledge reliable. However, it should be noted that it is the responsibility of the manufacturer of the material containing this flavouring ingredient to identify and comply with all relevant legal requirements.

This document is electronically generated and therefore it is not signed.



30 January 2023

CMR SUBSTANCES

This is to inform about the content of substances classified as CMR (carcinogenic, mutagenic or reprotoxic) in the above-mentioned material, according to the current versions of the UN Global

Harmonised System (GHS) and the EU Regulation 1272/2008 (the "CLP Regulation").

Substance name	CAS	CMR classification	% wiw
ROSE OXIDE	16409-43-1	Repr. 2 - H361	0,9 - 1,1

The list contains those substances at or above 0.1 % considered as CMR (cat. 1, 2 or 3 and additional categories), either self-classified or under a harmonized classification.

Please note that a given content of a CMR substance in the material does not necessarily trigger a CMR classification and that the threshold for such classification depends on the GHS national implementation.

The information contained herein is to the best of our knowledge reliable. However, it should be noted that it is the responsibility of the manufacturer of the material containing this ingredient to identify and comply with all relevant legal requirements.

This document is electronically generated and therefore it is not signed.

Product: **GERANIUM OIL, EGYPT**





, 30 January 2023

Product:	GERANIUM	OIL, EGYPT
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This is to certify that, to the best of our knowledge, the above-mentioned product

- does not contain;
- does not consist of:
- is not derived from;
- is not produced with the help of

genetically modified organisms (GMO) or derivative ingredients as per EU Directive 2001/18/EC.

Foods containing this product are not subject to the labelling requirements of Regulations (EC) 1829/2003 and 1830/2003.

This material complies with article 9 of Regulation (EC) 834/2007 and article 11 of Regulation (EU) 2018/848 regarding the prohibition on the use of GMOs in organic production.

The information indicated above corresponds to our knowledge at the date of issue.

This document is electronically generated and therefore it is not signed.



20 May 2024

IFRA CONFORMITY CERTIFICATE

Product: GERANIUM OIL, EGYPT

We certify that the above-mentioned product is in compliance with the Standards of the International Fragrance Associaton (IFRA) up to and including the 51st Amendment to the IFRA Standards (published June 2023), provided it is used in the following categories at a maximum concentration level of ⁽¹⁾:

Category 1	3,67%	(2)	Category 7A	4,33%	
Category 2	1,07%		Category 7B	4,33%	1
Category 3	3,33%		Category 8	1,44%	
Category 4	20%		Category 9	15,56%	
Category 5A	5%		Category 10A	6,11%	
Category 5B	4,33%		Category 10B	29,44%	
Category 5C	5%		Category 11A	1,44%	
Category 5D	1,44%		Category 11B	1,44%	
Category 6	0,89%	(2)	Category 12	Not restricted	

⁽¹⁾ the concentration of a fragrance ingredient should not exceed the usual concentration of the fragrance compound in the finished product.

Please note this certificate does not include food status conformity check. A separate document, wich may be available depending on the product, is needed for such purpose.

Contains the following substances restricted by IFRA standards:

CITRONELLOL	< 36%
GERANIOL	< 18%
CITRAL	< 3%
CITRONELLAL	< 0,2%

and complies with the latest IFRA specification.

This certificate provides restrictions for use of the specified product based only on those materials rectricted by IFRA Standards for the toxicity endpoint(s) described in each Standard. It does not provide certification of a comprehensive safety assessment of all product constituents.

Version Date: 9 November 2023

This document is electronically generated and therefore it is not signed.

IFRA would recommend that any material used to impart perfume or flavour in products intended for human ingestion should consist of ingredients that are in compliance with appropriate regulations for foods and food flavourings in the countries of planned distribution and, where these are lacking, with the recommendations laid down in the Code of Practice of IOFI (International Organisation of the Flavour Industry).



GERANIUM OIL, EGYPT

Revision date: 07-03-2024 Print Date: Version: 4.1/CLP/EN 20-05-2024 Page: 1/6

SECTION 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND THE COMPANY/UNDERTAKING

1.1. Identification of the substance/mixture

Trade name: **GERANIUM OIL, EGYPT**

GERANIUM Substance name: **CAS Number:** 90082-51-2 **CE Number:** 290-140-0 **REACH Registration number:** 01-2120769423-50

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

Raw material for the manufacture of fragrances and/or flavourings.

1.3. Details of the supplier of the safety data sheet

Company: Madar C orporation L imited Address: 19 - 20 Sandieheath Industrial Estate

Fordingbridge

Telephone: SP6 1P A

01425655 555

E-mail: technucal@madarcorporation.co.uk

1.4. Emergency telephone number

NCEC (+44) 1865 407333 (24h) NCEC (+34) 91 114 2520 (24h) (ES)

NCEC (+1) 202 464 2554 (24h) (USA, Canada)

SECTION 2. HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Skin Irritant - Category 2 - H315 Eye Irritant - Category 2 - H319 Skin sensitizer - Category 1B - H317

Hazardous to the aquatic environment, long-term (chronic) - Category 2 - H411

2.2. Label Elements

Hazard pictograms:





Signal Word:

Warning

Hazard statements:

H315 - Causes skin irritation.

H317 - May cause an allergic skin reaction.

H319 - Causes serious eye irritation.

H411 - Toxic 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.

P302+P352+P333+P313 – IF ON SKIN: Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention.

P305+P351+P338+P337+P313 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

Suplemental Hazard Information:

CONTAINS CITRONELLOL, GERANIOL, LINALOOL. ALPHA-PINENE, LIMONENE, BETA-PINENE, MENTHONE, ISOMENTHONE, GERANYL FORMATE, CITRONELLYL BUTYRATE, CITRONELLYL TIGLATE, CITRONELLYL FORMATE, BETA-CARYOPHYLLENE, CITRONELLYL PROPIONATE, CITRAL. May produce an allergic reaction.

2.3. Other hazards

Product not containing any component that meets the criteria for PBT or vPvB according to Regulation (EC) 1907/2006, Annex XIII. Product not containing any component identified as having endocrine disrupting properties according to Regulation (EU) 2017/2100.



GERANIUM OIL, EGYPT

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SECTION 3. COMPOSITION/INFORMATION ON

INGREDIENTS 3.1. Substances

Chemical name: GERANIUM CAS number: 90082-51-2 EC number: 290-140-0

Hazardous constituents:

Chemical Name	CAS No. Name (w/w) EC No. Index No. Classification according to Regulation 1272/2008		Specific Concentration Limit, M-factor, ATE, SVHC			
CITRONELLOL	≥25; <50	106-22-9 203-375-0	Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Skin Sens. 1B - H317	ATE (oral): 3450 mg/kg, ATE (dermal): 2650 mg/kg		
GERANIOL	≥10;<25	106-24-1 203-377-1 603-241-00-5(ATP15)	Skin Irrit. 2 - H315 Eye Dam. 1 - H318 Skin Sens. 1 -H317	ATE (oral): 3600 mg/kg		
CITRONELLYL FORMATE	≥1; <10	105-85-1 203-338-9	Skin Irrit. 2 - H315 Skin Sens. 1B - H317			
ISOMENTHONE	≥1; <10	491-07-6 207-727-4	Acute Tox. 4 (inhalation) -H332 Skin Irrit. 2 - H315 Skin Sens. 1B - H317	ATE (oral): 2219 mg/kg, ATE (inhalation, dust/mist): 1,5 mg/L		
LINALOOL	≥1; <10	78-70-6 201-134-4	Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Skin Sens. 1B - H317	ATE (oral): 2790 mg/kg		
GERANYL FORMATE	≥1;<10	105-86-2 203-339-4	Skin Sens. 1B - H317 Aquatic Acute 1 - H400 Aquatic Chronic 2 -			
GERANYL BUTYRATE	≥1;<10	106-29-6 203-381-3	H411 Aquatic Chronic 2 - H411	ATE (dermal): 5000 mg/kg		
MENTHON E	≥1; <10	1074-95-9 214-049-2	Acute Tox. 4 (inhalation) - H332 Skin Irrit. 2 - H315 Skin Sens. 1B - H317	ATE (oral): 2219 mg/kg, ATE (inhalation, dust/mist): 1,5 mg/L		
BETA-CARYOPHYLLENE	≥1; <10	87-44-5 201-746-1	Skin Sens. 1B - H317 Asp. Tox.			
ROS E OXIDE	≥1; <10	16409-43-1 240-457-5	Skin/30/4t. 2 - H315 Eye Irrit. 2 - H319 Repr. 2 - H361	ATE (oral): 4300 mg/kg		
CITRAL	≥1; <10	5392-40-5 226-394-6 605-019-00-3(ATP 19)	Skin Irrit. 2 -H315 Eye Irrit. 2 -H319 Skin Sens. 1 - H317			
ALPHA-PINENE	≥0.1; <1	80-56-8 201-291-9	Flam. Liq. 3 - H226 Acute Tox. 4 (oral) - H302 Skin Irrit. 2 - H315 Skin Sens. 1B - H317 Asp. Tox. 1 - H304 Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410	ATE (oral): 500 mg/kg €		
CITRONELLYL BUTYRATE	≥0.1; <1	141-16-2 205-463-4	Skin Sens. 1B - H317 Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410			
CITRONELLYL TIGLATE	≥0.1; <1	24717-85-9 246-426-2	Skin Sens. 1B - H317 Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410			
CITRONELLYL PROPIONATE	≥0.1; <1	141-14-0 ~ 205-461-3	Skin Sens. 1B - H317 Aquatic Chronic 2 - H411	9 1 1 1 1 2		
LIMONENE	≥0.1; <1	138-86-3 205-341-0 601-029-00-7(ATP 24)	Flam. Lic. 3 - H226 Skin Irrit. 2 - H315 Skin Sens. 1B - H317 Asp. Tox. 1 - H304 Aquatic Acute 1 - H400 Aquatic Chronic 3 - H412	8		
		1 -				



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See the full text of the hazard statements in section 16.

3.2. Mixtures

Not applicable.

SECTION 4. FIRST-AID MEASURES

4.1. Description of necessary first aid measures

Ingestion: Rinse mouth with water.

Obtain medical advice.

Keep at rest. Do not induce vomiting.

Eye contact: In case of contact with eyes, rinse immediately with plenty of water for at least 15 minutes and seek medical advice.

Inhalation: Remove person to fresh air and keep at rest.

Seek immediate medical advice.

Skin contact: Take off immediately all contaminated clothing.

Thoroughly wash affected skin with soap and water. Seek medical attention if symptoms persist.

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

No information available.

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

No information available.

SECTION 5. FIRE-FIGHTING MEASURES

5.1. Extinguishing Media

Water spray, carbon dioxide, dry chemical powder or appropriate foam.

For safety reasons do not use full water jet.

5.2. Special hazards arising from the substance or mixture

Known or Anticipated Hazardous Products of Combustion: Emits toxic fumes under fire conditions.

5.3. Advice for firefighters

High temperatures can lead to high pressures inside closed containers.

Avoid inhalation of vapors that are created. Use appropriate respiratory protection.

Do not allow spillage of fire to be poured into drains or watercourses.

Wear self-contained breathing apparatus and protective clothing.

SECTION 6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Evacuate surronding areas. Ensure adequate ventilation. Keep unnecessary and unprotected personnel from entering. Do not breathe vapor/spray. Avoid contact with skin and eyes. Information regarding personal protective measures: see section 8.

6.2. Environmental precautions

To avoid possible contamination of the environment, do not discharge into any drains, surface waters or groundwaters.

6.3. Methods and materials for containment and cleaning up

Cover with an inert, inorganic, non-combustible absorbent material (e.g. dry-lime, sand, soda ash).

Place in covered containers using non-sparking tools and transport outdoors.

Avoid open flames or sources of ignition (e.g. pilot lights on gas hot water heater).

Ventilate area and wash spill site after material pickup is complete.

6.4. Reference to other sections

Information regarding exposure controls, personal protection and disposal considerations can be found in sections 8 and 13.



GERANIUM OIL, EGYPT

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SECTION 7. HANDLING AND STORAGE

7.1. Precautions for safe handling

Do not store or handle this material near food or drinking water. Do not smoke. Avoid contact with the eyes, skin and clothing. Wear protective clothing and use glasses. Observe the rules of safety and hygiene at work.

Keep in the original container or an alternative mace from a compatible material.

7.2. Conditions for safe storage, including any incompatibilities

Store in tightly closed and preferably full containers in a cool, dry and ventilated area, protected from light. Keep away from sources of ignition (e.g. hot surfaces, sparks, flame and static discharges). Keep away from incompatible materials (see section 10).

7.3. Specific end use(s)

No information available.

SECTION 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

8.1. Control parameters

Components with occupational exposure limits:

Chemical Name	CAS No. Norm.		8 hr.			15 min.			
Chemicativame	C.1.5.116.			ppm	mg/m³		ppm	mg/m³	
CITRAL	5392-40-5	ES (España)	VLA-ED	5		VLA-EC			
CITRAL		3332-40-3	3332-40-3	PL (Polska)	NDS		27	NDSCh	
ALPHA-PINENE	80-56-8	ES (España)	VLA-ED	20	113	VLA-EC			
BETA-PINENE	127-91-3	ES (España)	VLA-ED	20	113	VLA-EC			

¹ Possibility of significant uptake though the skin.

8.2. Exposure controls

Appropriate engineering controls: Measures should be taken to prevent materials from being splashed into the body.

Provide adequate ventilation, according to the conditions of use. Use a mechanical exhaust if required.

Chemical safety goggles are recommended. Wash contaminated goggles before reuse. Eye/Face protection: Chemical-resistant gloves are recommended. Wash contaminated gloves before reuse. Hand Protection:

Body protection: Personal protective equipment for the body should be selected based on the task being performed and the risks

In case of insufficient ventilation, use suitable respiratory equipment. Respiratory Protection:

Emissions from ventilation or process equipment should be checked to ensure they comply with environmental Environmental exposure controls:

protection legislation.

In some cases, filters or engineering modifications to the process equipment will be necessary to reduce emissions to

acceptable levels.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Physical sate: Liquid

Colour: Conforms to standard Conforms to standard Odour: Melting point/freezing point: Not determined

Boiling point or initial boiling point and range (°C): Not Flammability: determined Lower and upper explosion limit: Flash point: **€**0t€€mined Not **Okette detiererd** in ed Auto-ignition temperature:

Decomposition temperature: Not determined Not pH: Kinematic viscosity: determined

Notinieteramed 70°/SOLUBLE IN ETHANOL Solubility:

Partition coefficient n-octanol/water (log value): Not determined Not determined Vapour pressure:

Density and/or relative density: 0,884-0,901 g/mL(20°C) / 0,884-0,901

(20°C) Not determined Relative vapour density: Particle characteristics: Not determined



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9.2. Other information

9.2.1. Information with regard to phyical hazard classes:

No information avaliable.

9.2.2. Other safety characteristics:

No information avaliable

SECTION 10. STABILITY AND REACTIVITY

10.1. Reactivity

No hazardous reactions if stored and handled as prescribed/indicated.

10.2. Chemical stability

The product is stable if stored and handled as prescribed/indicated.

10.3. Possibility of hazardous reactions

No hazardous reactions if stored and handled as prescribed/indicated.

10.4. Conditions to Avoid

Conditions to Avoid: Excessive heat, flame or other ignition sources.

10.5. Incompatible materials

Avoid contact with strong acids and bases and oxidizing agents.

10.6. Hazardous decomposition products

During combustion may form carbon monoxide and unidentified organic compounds.

SECTION 11. TOXICOLOGICAL INFORMATION

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

Acute toxicity	Based on the data available, the criteria for classification are not met.	
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 the data available, the criteria for classification are not met.	
Carcinogenicity	Based on the data available, the criteria for classification are not met.	
Reproductive toxicity	Based on the data available, the criteria for classification are not met.	
STOT-single exposure	Based on the data available, the criteria for classification are not	
STOT-repeated exposure	met. Based on the data available, the criteria for classification are	
Aspiration hazard	Bosedean the data available, the criteria for classification are not met.	

11.2. Information on other hazards

11.2.1. Endocrine disrupting properties:

Product not containing any component identified as having endocrine disrupting properties according to Regulation (EU) 2017/2100.

11.2.2. Other information:

No information available

SECTION 12. ECOLOGICAL INFORMATION

12.1. Toxicity

Assessment:

Toxic to aquatic life with long lasting effects.

Experimental/calculated data:

- Toxicity for aquatic invertebrates: LC50 (48h): 14.5 mg/L. (OECDTG 202).
- · Toxicity for algae: ErC50 (72h): 30.4 mg/L. (OECDTG 201).

12.2. Persistence and degradability

Biodegradation: > 67%. (OECD 301 D). The product is readily biodegradable

12.3. Bioaccumulative potential

No information available.

12.4. Soil mobility

No information available

12.5. Results of PBT and vPvB assessment

Product not containing any component that meets the criteria for PBT or vPvB according to Regulation (EC) 1907/2006, Annex XIII.



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EGYPT Revision date: Print Date: 20-05-2024 Page: 6 / 6

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12.6. Endocrine disrupting properties

Product not containing any component identified as having endocrine disrupting properties according to Regulation (EU) 2017/2100.

12.7. Other adverse effects

See also sections 6, 7, 13 and 15

Do not allow to get into waste water or waterways.

SECTION 13. DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Dispose of in accordance with national and local environmental regulations.

SECTION 14: TRANSPORT INFORMATION

	ADR/RID/ADN	IMDG	IATA-ICAO
14.1. UN Number	UN3082	UN3082	UN3082
14.2. UN Proper Shipping Name	ENVIRONMENTALLY HAZARDOUS	ENVIRONMENTALLY	ENVIRONMENTALLY
	SUBSTANCE, LIQUID, N.O.S.	HAZARDOUS SUBSTANCE,	HAZARDOUS SUBSTANCE,
	(GERANIUM)	LIQUID, N.O.S.	LIQUID, N.O.S.
14.3. Transport Hazard Class(es)	9	(geranium)	(GERANIUM)
14.4. Packing Group	III	111	III
14.5. Environmental hazards	Yes	Yes	Yes
Additional information			

14.6 Special precautions for user

None known

14.7. Maritime transport in bulk according to IMO instruments

No information available

SECTION 15: REGULATORY INFORMATION

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

mixture No information available

15.2. Chemical safety assessment

No chemical safety assessment has been carried out for the substance or mixture by the supplier

SECTION 16: OTHER INFORMATION

Full text of the R-phrases, hazard statements and precautionary statements mentioned in section

3: H226 - Flammable liquid and vapour.

H302 - Harmful if swallowed.

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.

H332 - Harmful if inhaled.

H361 - Suspected of damaging fertility or the unborn child.

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.



SPECIFICATION SHEET

VERSION 3.00 **VERSION DATE** 19/09/22 **PRINT DATE** 30/01/23

PRODUCT GERANIUM OIL, EGYPT

APPLICATIONS Industrial raw material not intended for direct use.

IUPAC NAME GERANIUM OIL

PLANT OF ORIGIN Pelargonium graveolens l'Her

PART OF THE PLANT LEAVES AND STEMS

SYNONYMS

CAS 90082-51-2 CAS 2 8000-46-2 EINECS 290-140-0

FEMA 2508

TARIFF NUMBER 3301294900

REACH REGISTRATION NO. 01-2120769423-50

SPECIFICATIONS

ASPECT AT 20°C CLEAR MOBILE LIQUID COLOUR YELLOW-BROWN

ODOUR FRESH, SWEET, GREEN, HERBAL

TASTE

DENSITY AT 20°C (g / ml) 0,884 - 0,901

DENSITY 25/25

REFRACTIVE INDEX nD20 1,4600 - 1,4730

REFRACTIVE INDEX nD25

OPTICAL ROTATION (°) -14,00 / -6,00

BOILING POINT (°C)

MELTING POINT (°C)

FLASH POINT (°C) 64,00

ASSAY (% GC)
ACID VALUE (mg KOH/g) < 10

SOLUBILITY 1:4 IN ETHANOL 70°
VAPOUR PRESSURE NOT DETERMINED
OTHER SOLUBILITIES SOLUBLE IN ETHANOL

OTHER TECHNICAL DATA ESTER VALUE: 31 TO 81

STABILITY AND STORAGE

KEEP IN TIGHTLY CLOSED CONTAINER IN A COOL AND DRY PLACE, PROTECTED FROM LIGHT. WHEN STORED FOR MORE THAN 24 MONTHS, QUALITY SHOULD BE CHECKED BEFORE USE.

WE BELIEVE THE ABOVE INFORMATION TO BE CORRECT BUT WE DO NOT PRESENT IT AS ALL INCLUSIVE AND AS SUCH SHOULD BE USED AS A GUIDE.
IT IS THE SOLE RESPONSIBILITY OF THE RECEIVER OF OUR PRODUCT TO COMPLY WITH EXISTING REGULATIONS AND INSTRUCTIONS.



VEGAN CERTIFICATE

30 January 2023

Product: GERANIUM OIL, EGYPT

This is to certify that, to the best of our knowledge, the above-mentioned material is suitable for the following diets:

✓ Vegan

Does not contain any ingredient of animal origin (mammalian, poultry, fish, crustacean, mollusc) or animal derivatives (dairy, egg and bee products) including additives and processing aids.

In addition, we confirm that it complies with the requirements listed on the Criteria of the V-label: Regulations, that can be found in https://www.v-label.eu/regulations_text

✓ Vegetarian

Does not contain any ingredient of animal origin (mammalian, poultry, fish, crustacean. mollusc) or dairy and egg products, including additives and processing aids. Bee products (e.g. honey, bees wax) are acceptable.

✓ Ovo-Lacto Vegetarian

Does not contain any ingredient of animal origin (mammalian, poultry, fish, crustacean, mollusc), including additives and processing aids. Dairy, egg and bee products (e.g. honey, bees wax) are acceptable.

'Animal' refers to the entire animal kingdom, i.e. vertebrates and multicellular invertebrates.

The information indicated above corresponds to our knowledge at the date of issue.