



CERTIFICATE OF ANALYSIS

Product: Geranium Leaf Absolute
Batch Number: 4364102
Best Before: June 2022

<u>Properties</u>	<u>Specifications</u>	<u>Results</u>
Appearance:	Dark Green to brown viscous liquid.	Complies
Odor:	Strong rose like odour with minty undertones.	Complies
Solubility:	Insoluble in water, soluble in ethyl alcohol.	Complies
Specific Gravity:	0.865 – 0.988 @ 20°C	Complies
Refractive Index:	1.450 – 1.475 @ 20°C	Complies

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IFRA FRAGRANCE ALLERGEN STATEMENT

PRODUCT NAME: GERANIUM LEAF ABSOLUTE

Ingredients	CAS Number	%%or ppm
Alpha-Amyl Cinnamic Alcohol	101-85-9	0.0
Alpha-Amyl Cinnamic Aldehyde	122-40-7	0.0
Anisyl Alcohol	105-13-5	0.0
Benzyl Alcohol	100-51-6	0.0
Benzyl Benzoate	120-51-4	0.0
Benzyl Cinnamate	103-41-3	0.0
Benzyl Salicylate	118-58-1	0.0
Cinnamic Alcohol	104-54-1	0.0
Cinnamic Aldehyde (Cinnamal)	104-55-2	0.0
Citral	5392-40-5	0.0 - 1.0%
Citronellol	106-22-9	20.0 - 35.0%
Coumarin	91-64-5	0.0
Eugenol	97-53-0	0.0
Farnesol	4602-84-0	0.0
Gamma-Methyl Ionone (Alpha Isomethyl Ionone)	127-51-5	0.0
Geraniol	106-24-1	15.0 - 40.0%
Hexyl Cinnamic Aldehyde	101-86-0	0.0
HMPCC (Lylal) (Hydroxyisohexyl 3- cyclohexene Carboxaldehyde)	31906-04-4	0.0
Hydroxycitronellal	107-75-5	0.0
Isoeugenol	97-54-1	0.0
Lilial (Butylphenyl Methylpropional)	80-54-6	0.0
d-Limonene	5989-27-5	<1.0%
Linalool	78-70-6	0.5 - 5.0%
Methyl Heptine Carbonate (Methyl 2- Octynoate)	111-12-6	0.0
Oak Moss Extracts (Evernia Prunastri)	90028-68-5	0.0
Tree Moss Extracts (Evernia Furfuracea)	90028-67-4	0.0



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SECTION: 1.1 PRODUCT IDENTIFICATION

Product Name: Geranium Leaf Absolute
Botanical Name: *Pelargonium graveolens*L
INCI Name: *Pelargonium graveolens flower oil*
CAS #: 8000-46-2
County of Origin: Egypt

SECTION: 1.2 COMPANY IDENTIFICATION

Company: MADAR Corporation Limited
Address: 19-20 Sandleheath Industrial Estate
Fordingbridge
Hampshire, SP6 1PA
Approved Sellers: Mystic Moments, New Directions, World of Moulds

SECTION: 2. COMPOSITION / INFORMATION INGREDIENTS

Geranium Leaf Absolute	Cas TSCA	Concentration	EINECS	Fema
	8030-28-2	100%	290-141-6	2508
Composition:	Citronellol	25 – 35%	Geraniol	20 – 26%

SECTION: 3. HAZARDS IDENTIFICATION

N/A

SECTION: 4. FIRST AID MEASURES

Eye Contact: Flush with water immediately; continue flushing eyes with water for 15 minutes. Seek medical attention if irritation occurs.
Inhalation: Remove to fresh air. Give oxygen if breathing is labored and seek medical advice.
Ingestion: Rinse mouth; dilute with water and consult a physician immediately. Do not induce vomiting. Never-give anything by mouth if victim is unconscious, is rapidly-losing consciousness or is convulsing.
Skin Contact: Wash with soap and plenty of water For at least 15 minutes. Consult a doctor if irritation occurs.

SECTION: 5. FIRE FIGHTING MEASURES

Flash Point: > 85 °C
Extinguishing media: Carbon dioxide, dry chemical, water, universal-type foam. Closed containers may build up pressure at elevated temperature.
Hazards arising from the product itself: None, material is not pyrophoric, does not react with water, not an oxygen donor, material is shock stable.
Unusual Firefighting Hazards: None identified.
Protective Equipment: Use of boots, overalls, gloves, eye and face protection and breathing apparatus is required for firefighters.
Combustion Product: Carbon Monoxide, Carbon Dioxide

SECTION: 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Use of mask and goggles is recommended.
Safety Precautions: Eliminate all ignition sources. Ventilate area. Determine the need to evacuate or isolate the area according to your local emergency plan.
Environmental Precautions: Keep away from drains, surface and ground water. Report spills to

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Methods For Cleaning Up: appropriate authorities.
For small spills, wipe up with rags and place contaminated material in closed metal waste container. For large spills use a non flammable absorbent material. Comply with all federal, state, and local regulation.

SECTION: 7. HANDLING AND STORAGE

Handling: Avoid inhalation and contact with skin and eyes. Good personal hygiene practices should be used. Wash after any contact, before breaks and meals, and at the end of the work period.

Storage: Containers should be kept closed in order to minimize contamination.
Store in a cool, dry, well ventilated place protected from light
Keep away from extreme heat and from freezing conditions and away from all sources of ignition

SECTION: 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Eyes Protection: The use of goggles or a face shield is recommended.

Respiratory Protection: In well- ventilated areas, respiratory protection is not normally required. In confined, poorly ventilated areas the use of "NIOSH" approved respiratory protection normally required.

Protective Gloves: Using chemical resistant gloves is recommended.

Protective Clothing: Light protective clothing is recommended.

Protective Equipment: An eyewash fountain and / or safety shower should be available in the work area.

SECTION: 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Dark Green to brown viscous liquid.

Odor: Strong rose like odour with minty undertones.

Solubility: Insoluble in water, soluble in ethyl alcohol

Specific Gravity: 0.865 – 0.988 @ 20°C

Refractive Index: 1.450 – 1.475 @ 20°C

Extraction Method /plant parts used: Extracted fro the concrete with 98-99% ethanol./ Leaves and stems.

SECTION: 10. STABILITY AND REACTIVITY

Stability: Chemically stable. This material presents no significant reactivity hazard.

Shelf Life: The product is stable for 3-years provided it is kept in its original container in a stable temperature according to storage recommendations given.

Conditions to Avoid: None established.

Incompatible Materials: Strong acids, alkalis and oxidizing agents.

Hazardous Decomposition Products: None Identified

SECTION: 11. TOXICOLOGICAL INFORMATION

Acute Toxicity:

LD50[Oral] Not Determined

LD50[Dermal] Not Determined

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LD50[Inhalation]

Not Determined

SECTION: 12. ECOLOGICAL INFORMATION

There is no ecological information known for this product.
Avoid any pollution of ground, surface or underground water.

SECTION: 13. DISPOSAL CONSIDERATION

Dispose in accordance with local, provincial and federal regulations. Check with disposal expert to insure compliance.

SECTION: 14. TRANSPORT INFORMATION

UN No.:	Not regulated
UN Proper Shipping Name:	Not Regulated
UN Transport Label:	Not Regulated
	RID / ADR: Not Regulated
Transport Hazard Class:	IMPG: Not Regulated
	ICAO / IATA: Not Regulated
Packing Group:	Not Regulated
Hazchem Code:	Not Regulated

SECTION: 15. REGULATORY INFORMATION

WHMIS (Canada):	N/A
HMIS (USA):	N/A
CAS EINECS	90082-52-3
EINECS	290-141-2
FDA	182.20
COE	324
Hazardous Classifications:	Not Classified
Risk Phases:	Not Regulated
Safety Phases:	Not Regulated

SECTION: 16. OTHER INFORMATION

Revision Date: November 12, 2012

SECTION: 17. DISCLAIMER

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