CERTIFICATE OF ANALYSIS

Item

GERANIUM OIL BOURBON TYPE 100%NATURAL

Batch Number

Best Before End

4445405 SEPTEMBER 2024 UK

Country of Origin

GENERAL DATA

Appearance Odour PALE YELLOW TO AMBER LIQUID CHARACTERISTIC

ANALYTICAL DATA

	>76
(deg)	-8.6000
(0)	1.4699
	0.8882
	(deg)

Issue date: 15/02/2018 Version: 1 (15/02/2018)

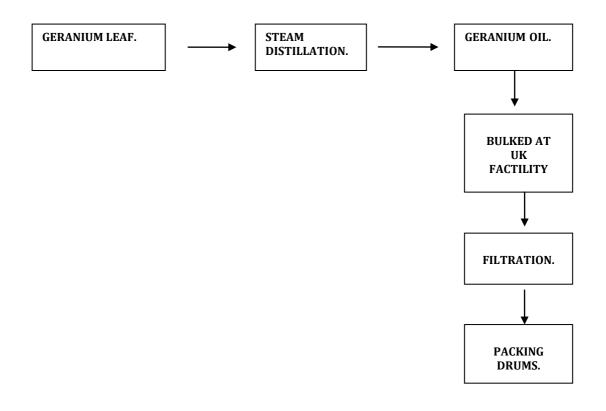
MYSTIC MOMENTS

ALLERGEN DECLARATION

We hereby confirm that the following item contains the ingredients listed below. Stated are the total levels added plus levels from natural ingredients. The information is supplied to enable compliance with the Seventh Amendment to the EU Cosmetics Directive (76/768/EEC) and the EU Detergents Directive (648/2004/EC).

Geranium Oil Bourbon Type 100% Natural.

Ingredient	CAS	EC	Concentration (%)
Citral	5392-40-5	226-394-6	0.75%
Citronellol	106-22-9	203-375-0	18%
Geraniol	106-24-1	203-377-1	41.5%
Limonene	5989-27-5	227-813-5	0.5%
Linalool	78-70-6	201-134-4	16%



GMO POLICY GERANIUM BOURBON

Our supplier's policy regarding Genetically Modified Organisms is not to use or purchase any GM ingredients or their derivatives.

Our supplier does not knowingly or intentionally use GMO derived materials (according to EC Regulation 1829/2003 and 1830/2003) in the manufacture of our products. It is our policy to only manufacture and sell products that are GMO free within the current limits of detection and in the knowledge that adventitious contamination cannot be excluded.

The company requires from all relevant suppliers, written assurances that materials supplied to our supplier are free from Genetically Modified Organisms and derivatives thereof. To the best of our knowledge all products manufactured and sold by ouy supplier are GMO free.

CERTIFICATE OF CONFORMITY WITH IFRA STANDARDS

This Certificate assesses the conformity of the fragrance mixture with IFRA Standards and provides restrictions for use as necessary. It is based only on those materials subject to IFRA Standards for the toxicity endpoints described in each Standard.

This Certificate does therefore not replace a comprehensive safety assessment of the fragrance mixture.

CERTIFYING PARTY:

MADAR Corporation Ltd 19-20 Sandleheath Industrial Estate Fordingbridge SP6 1PA UK

CERTIFICATE DELIVERED TO:

SCOPE OF THE CERTIFICATE:

GERANIUM BOURBON ESSENTIAL OIL

COMPULSORY INFORMATION:

We certify that the above mixture is in compliance with the Standards of the INTERNATIONAL FRAGRANCE ASSOCIATION (IFRA), up to and including the 49th Amendment to the IFRA Code of Practice (published January 2020), provided it is used in the following categories at a maximum concentration level of:

IFRA Categories [see Annex 1 below for details]	Maximum Level of use (%)
IFRA Category 1	2.04%
IFRA Category 2	0.60%
IFRA Category 3	12.28%
IFRA Category 4	11.32%
IFRA Category 5A	2.89%
IFRA Category 5B	2.89%
IFRA Category 5C	2.89%
IFRA Category 5D	2.89%
IFRA Category 6	6.74%
IFRA Category 7A	23.13%
IFRA Category 7B	23.13%
IFRA Category 8	1.20%
IFRA Category 9	22.16%
IFRA Category 10A	79.51%
IFRA Category 10B	79.51%
IFRA Category 11A	6.80%
IFRA Category 11B	6.80%
IFRA Category 12	Not limited

For other kinds of application or use at higher concentration levels, a new evaluation can be needed; please contact MADAR Corporation Ltd

Regulatory Affairs Department

ANNEX 1

Below is an extract of information provided by IFRA in relation to types of application present in each IFRA Category. Additional information about IFRA Categories can be found in the Guidance to IFRA Standards, issued by IFRA.

IFRA Category	Product Type
IFRA Category 1	Products applied to the lips: Lip products e.g. lipstick, lip balm; Childrens toys
IFRA Category 2	Products applied to the axillae: Deodorant and antiperspirant products of all types; Body sprays/mists
IFRA Category 3	Products applied to the face/body using fingertips: Eye products e.g. eye make-up, eye moisturizer; Facial make-up; Make-up remover; Nose pore strips; Wipes for face, neck, hands, body; Facial masks; Body and face paint
IFRA Category 4	Products related to fine fragrance: Hydroalcoholic and non- hydroalcoholic fine fragrance of all types e.g. Eau de Toilette, Parfum, Cologne, solid perfume, fragrancing cream, aftershaves of all types; Ingredients of perfume and fragrance mixtures for cosmetic kits; Scent pads; Scent strips
IFRA Category 5A	Body lotion products applied to the body using the hands (palms), primarily leave on: Foot care products e.g. creams, powders; Insect repellent for application to the skin; All powders and talc (excluding baby powders and talc)
IFRA Category 5B	Face moisturizer products applied to the face using the hands (palms), primarily leave on: Facial toner; Facial moisturizers and creams
IFRA Category 5C	Hand cream products applied to the hands using the hands (palms), primarily leave on: Hand cream; Nail care products including cuticle creams; Hand sanitizers
IFRA Category 5D	Baby creams, baby oils and baby talc: Baby cream/lotion, baby oil, baby powders and talc
IFRA Category 6	Products with oral and lip exposure: Toothpaste; Mouthwash, including breath sprays; Toothpowder, strips, mouthwash tablets
IFRA Category 7A	Rinse-off products applied to the hair with some hand contact: Hair permanent or other hair chemical treatments (rinse-off) e. g. relaxers, including rinse-off hair dyes
IFRA Category 7B	Leave-on products applied to the hair with some hand contact: Hair sprays of all types e.g. pumps, aerosol sprays; Hair styling aids non sprays e.g. mousse, leave- on conditioners; Hair permanent or other hair chemical treatments (leave-on) e.g. relaxers, including leave-on hair dyes; Shampoo - Dry (waterless shampoo); Hair deodorizer
IFRA Category 8	Products with significant anogenital exposure: Intimate wipes; Tampons; Baby wipes; Toilet paper (wet)
IFRA Category 9	Products with body and hand exposure, primarily rinse off: Bar soap; Liquid soap; Shampoo of all type; Conditioner (rinse-off); Body washes and shower gels of all types; Baby wash, bath, shampoo; Bath gels, foams, mousses, salts, oils and other products added to bathwater; Cleanser for face (rinse-off); Shaving creams of all types e.g. stick, gels, foams; All depilatories (including facial) and waxes for mechanical hair removal; Foot care products (feet are placed in a bath for soaking); Shampoos for pets
IFRA Category 10A	Household care excluding aerosol / spray products: Hand wash laundry detergent; Laundry pre-treatment of all types e.g. paste, sprays, sticks; Machine laundry detergents with skin contact e.g. liquids, powders; Fabric softeners of all types including fabric softener sheets; Ironing water; Hand

	dishwashing detergent; Hard surface cleaners of all types e.g. bathroom, kitchen cleansers, furniture polish; Toilet seat wipes; Household cleaning products, other types including fabric cleaners, carpet cleaners, furniture polishes sprays and wipes, stain removers, treatment products for textiles e.g. starch sprays; Floor wax; Dry cleaning kits; Fragranced oil for lamp ring, reed diffusers, pot-pourri, liquid refills for air fresheners (non-cartridge systems), etc.
IFRA Category 10B	Household aerosol/spray products: Animal sprays applied to animals; Air freshener sprays, manual, including aerosol and pump; Aerosol/spray insecticides
IFRA Category 11A	Products with intended skin contact but minimal transfer of fragrance to skin from inert substrate without UV exposure: Feminine hygiene conventional pads, liners, interlabial pads; Diapers (baby and adult); Adult incontinence pant, pad; Toilet paper (dry)
IFRA Category 11B	Products with intended skin contact but minimal transfer of fragrance to skin from inert substrate with potential UV exposure: Tights with moisturizers; Scented socks, gloves; Facial tissues (dry tissues); Napkins; Paper towels; Wheat bags; Facial masks (paper/protective) e.g. surgical masks not used as medical device; Fertilizers, solid (pellet or powder)
IFRA Category 12	Products not intended for direct skin contact, minimal or insignificant transfer to skin: Candles of all types ; Laundry detergents for machine wash with minimal skin contact (e.g. Liquid tabs, pods); Automated air fresheners and fragrancing of all types e.g. concentrated aerosol with metered doses, plug- ins, electrical, incense, liquid refills (cartridge); Air delivery systems; Cat litter; Cell phone cases; Deodorizers/maskers not intended for skin contact e.g. fabric drying machine deodorizers, carpet powders; Fuels; Insecticides e.g. mosquito coil, paper, electrical, for clothing, excluding aerosols/sprays; Joss sticks or incense sticks; Dishwash detergent and deodorizers - for machine wash; Olfactive board games; Paints; Plastic articles (excluding toys); Scratch and sniff; Scent pack; Scent delivery system (using dry air technology); Shoe polishes; Rim blocks (Toilet)

SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

PRODUCT: Geranium Oil Bourbon Type 100% Natural.

Version:

Section 1. Identification of the substance or the mixture and of the supplier

1.1 Product Identifier

2

Product identifier:Geranium OilOther identifiers:Geranium Oil Bourbon Type 100% Natural .

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

Product uses: Fragrance use

1.3 Details of the supplier of the safety data sheet

Company name: MADAR Corporation Ltd **Company address:** 19-20 Sandleheath Industrial Estate Fordingbridge SP6 1PA UK Contact: Sales **E-Mail address:** technical@madarcorporation.co.uk **Company phone:** +44 (0) 1425 655555 1.4 Emergency telephone number **Office hours:** +44 (0) 1425 655555

Section 2. Hazards identification

2.1 Classification of the substance or mixture

Classification under Regulation (EC) No 1272/2008

Class and category of danger:	Skin Corrosion / Irritation Category 2
udilger.	Eye Damage / Irritation Category 1
	Sensitization - Skin Category 1
	Hazardous to the Aquatic Environment - Long-term Hazard Category 3
	H315, Causes skin irritation.
	H317, May cause an allergic skin reaction.
	H318, Causes serious eye damage.
	H412, Harmful to aquatic life with long lasting effects.

2.2 Label elements

Classification under Regulation (EC) No 1272/2008

Signal word:	Danger
Hazard statements:	H315, Causes skin irritation. H317, May cause an allergic skin reaction.

In accordance with REACH Regulation EC No.1907/2006

PRODUCT: Geranium Oil Bourbon Type 100% Natural.

Version: 2	
	H318, Causes serious eye damage. H412, Harmful to aquatic life with long lasting effects.
M factor:	None
Supplemental Information:	None
Precautionary	P261, Avoid breathing vapour or dust.
statements:	P264, Wash hands and other contacted skin thoroughly after handling.
	P272, Contaminated work clothing should not be allowed out of the workplace.
	P273, Avoid release to the environment.
	P280, Wear protective gloves/eye protection/face protection.
	P302/352, IF ON SKIN: Wash with plenty of soap and water.
	P305/351/338, IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P310, Immediately call a POISON CENTER or doctor/physician.
	P333/313, If skin irritation or rash occurs: Get medical advice/attention.
	P362, Take off contaminated clothing and wash before reuse.
	P501, Dispose of contents/container to approved disposal site, in accordance with local regulations.
Pictograms:	

Other hazards:

None

Section 3. Composition / information on ingredients

3.1 Substances

Product identifier: Geranium Oil

Contains:

Name	CAS	EC	REACH Registration No.	%	Classification for (CLP) 1272/2008
Geraniol	106-24-1	203-377-1		20-<50%	SCI 2-EDI 1-SS 1;H315- H317-H318
Citronellol	106-22-9	203-375-0		10-<20%	SCI 2-EDI 2-SS 1B; H315-H317-H319
Linalool	78-70-6	201-134-4		10-<20%	SCI 2-EDI 2-SS 1B; H315-H317-H319
Isomenthone	491-07-6	207-727-4		5-<10%	SCI 2-SS 1B;H315- H317
Menthone	10458-14-7	233-944-9		1-<5%	SCI 2-SS 1B;H315- H317
Citral	5392-40-5	226-394-6		0.1-<1%	SCI 2-EDI 2-SS 1B; H315-H317-H319,-

In accordance with REACH Regulation EC No.1907/2006

PRODUCT: Geranium Oil Bourbon Type 100% Natural.

Version:

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pin-2(3)-ene;2,6,6- Trimethylbicyclo[3.1.1] hept-2-ene	80-56-8	201-291-9	0.1-<1%	FL 3-SCI 2-SS 1B-AH 1- EH A1-EH C1;H226- H304-H315-H317- H410
Limonene	5989-27-5	227-813-5	0.1-<1%	FL 3-SCI 2-SS 1B-AH 1- EH A1-EH C1;H226- H304-H315-H317- H400-H410
Geranyl acetate	105-87-3	203-341-5	0.1-<1%	SCI 2-SS 1-EH C3; H315-H317-H412

Section 4. First-aid measures

4.1 Description of first aid measures

IF ON SKIN: Wash with plenty of soap and water.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Immediately call a POISON CENTER or doctor/physician.

4.2 Most important symptoms and effects, both acute and delayed

Causes skin irritation. May cause an allergic skin reaction. Causes serious eye damage.

4.3 Indication of any immediate medical attention and special treatment needed

None expected, see Section 4.1 for further information.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable media: Carbon dioxide, Dry chemical, Foam.

5.2 Special hazards arising from the substance or mixture

In case of fire, may be liberated: Carbon monoxide, Unidentified organic compounds.

5.3 Advice for fire fighters:

In case of insufficient ventilation, wear suitable respiratory equipment.

Section 6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures:

Avoid inhalation. Avoid contact with skin and eyes. See protective measures under Section 7 and 8.

6.2 Environmental precautions:

Keep away from drains, surface and ground water, and soil.

In accordance with REACH Regulation EC No.1907/2006

PRODUCT: Geranium Oil Bourbon Type 100% Natural.

Version:

6.3 Methods and material for containment and cleaning up:

Remove ignition sources. Provide adequate ventilation. Avoid excessive inhalation of vapours. Contain spillage immediately by use of sand or inert powder. Dispose of according to local regulations.

6.4 Reference to other sections:

Also refer to sections 8 and 13.

2

Section 7. Handling and storage

7.1 Precautions for safe handling:

Keep away from heat, sparks, open flames and hot surfaces. - No smoking. Use personal protective equipment as required. Use in accordance with good manufacturing and industrial hygiene practices. Use in areas with adequate ventilation Do not eat, drink or smoke when using this product.

7.2 Conditions for safe storage, including any incompatibilities:

Store in a well-ventilated place. Keep container tightly closed. Keep cool. Ground/bond container and receiving equipment. Use explosion-proof electrical, ventilating and lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge.

7.3 Specific end use(s):

Use in accordance with good manufacturing and industrial hygiene practices.

Section 8. Exposure controls/personal protection

8.1 Control parameters

Workplace exposure limits: Not Applicable

8.2 Exposure Controls

Eye / Skin Protection

Wear protective gloves/eye protection/face protection

Respiratory Protection

Under normal conditions of use and where adequate ventilation is available to prevent build up of excessive vapour, this material should not require special engineering controls. However, in conditions of high or prolonged use, or high temperature or other conditions which increase exposure, the following engineering controls can be used to minimise exposure to personnel: a) Increase ventilation of the area with local exhaust ventilation. b) Personnel can use an approved, appropriately fitted respirator with organic vapour cartridge or canisters and particulate filters. c) Use closed systems for transferring and processing this material. Also refer to Sections 2 and 7.

Section 9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance:	Pale Yellow To Amber Liquid
Odour:	Characteristic
Odour threshold:	Not determined

In accordance with REACH Regulation EC No.1907/2006

PRODUCT: Geranium Oil Bourbon Type 100% Natural.

Version:

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pH:	Not determined
Melting point / freezing point:	Not determined
Initial boiling point / range:	Not determined
Flash point:	> 76 °C
Evaporation rate:	Not determined
Flammability (solid, gas):	Not determined
Upper/lower flammability or explosive limits:	Product does not present an explosion hazard
Vapour pressure:	Not determined
Vapour density:	Not determined
Relative density:	0.8830 - 0.9010
Solubility(ies):	Not determined
Partition coefficient: n-octanol/water:	Not determined
Auto-ignition temperature:	Not determined
Decomposition temperature:	Not determined
Viscosity:	Not determined
Explosive properties:	Not expected
Oxidising properties:	Not expected

9.2 Other information:

None available

Section 10. Stability and reactivity

10.1 Reactivity:

Presents no significant reactivity hazard, by itself or in contact with water.

10.2 Chemical stability:

Good stability under normal storage conditions.

10.3 Possibility of hazardous reactions:

Not expected under normal conditions of use.

10.4 Conditions to avoid:

Avoid extreme heat.

10.5 Incompatible materials:

Avoid contact with strong acids, alkalis or oxidising agents.

10.6 Hazardous decomposition products:

Not expected.

In accordance with REACH Regulation EC No.1907/2006

PRODUCT: Geranium Oil Bourbon Type 100% Natural.

Version:

Section 11. Toxicological information

11.1 Information on toxicological effects

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Acute Toxicity:	Based on available data the classification criteria are not met.
Acute Toxicity Oral	3854
Acute Toxicity Dermal	>5000
Acute Toxicity Inhalation	Not Available
Skin corrosion/irritation:	Skin Corrosion / Irritation Category 2
Serious eye damage/irritation:	Eye Damage / Irritation Category 1
Respiratory or skin sensitisation:	Sensitization - Skin Category 1
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.

Information about hazardous ingredients in the mixture Not Applicable

Refer to Sections 2 and 3 for additional information.

Section 12. Ecological information

12.1 Toxicity:

Harmful to aquatic life with long lasting effects.

12.2 Persistence and degradability:	Not available
12.3 Bioaccumulative potential:	Not available

12.4 Mobility in soil: Not available

12.5 Results of PBT and vPvB assessment:

This substance does not meet the PBT/vPvB criteria of REACH, annex XIII.

12.6 Other adverse effects:

This material contains *% Volatile Organic 1% Compounds. :

In accordance with REACH Regulation EC No.1907/2006

PRODUCT: Geranium Oil Bourbon Type 100% Natural.

Version:

Section 13. Disposal considerations

13.1 Waste treatment methods:

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Dispose of in accordance with local regulations. Avoid disposing into drainage systems and into the environment. Empty containers should be taken to an approved waste handling site for recycling or disposal.

Section 14. Transport information

14.1 UN number:	Not classified		
14.2 UN Proper Shipping Name:	Not classified		
14.3 Transport hazard class(es):	Not classified		
Sub Risk:	Not classified		
14.4. Packing Group:	Not classified		
14.5 Environmental hazards:	Not environmentally hazardous for transport		
14.6 Special precautions for user:	None additional		
14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:			

Not classified

Section 15. Regulatory information

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

None additional

15.2 Chemical Safety Assessment

A Chemical Safety Assessment has not been carried out for this product.

Section 16. Other information

Concentration % Limits:	EH C3=25.00% SCI 2=12.12% EDI 1=7.23% EDI 2=2.23% SS 1=2.41%
Total Fractional Values:	EH C3=4.00 SCI 2=8.25 EDI 1=13.83 EDI 2=44.90 SS 1=41.50

Key to revisions:

SECTION 3: Composition/information on ingredients

Key to abbreviations:

Abbreviation	Meaning
AH 1	Aspiration Hazard Category 1
EDI 1	Eye Damage / Irritation Category 1
EDI 2	Eye Damage / Irritation Category 2
EH A1	Hazardous to the Aquatic Environment - Acute Hazard Category 1
EH C1	Hazardous to the Aquatic Environment - Long-term Hazard Category 1
ЕН СЗ	Hazardous to the Aquatic Environment - Long-term Hazard Category 3
FL 3	Flammable Liquid, Hazard Category 3

In accordance with REACH Regulation EC No.1907/2006

PRODUCT: Geranium Oil Bourbon Type 100% Natural.

Version:

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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 uninge.
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.
P210	Keep away from heat, sparks, open flames and hot surfaces No smoking.
P233	Keep container tightly closed.
P241	Use explosion-proof electrical, ventilating and lighting equipment.
P241	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P261	Avoid breathing vapour or dust.
P264	Wash hands and other contacted skin thoroughly after handling.
P272	Contaminated work clothing should not be allowed out of the workplace.
P273	Avoid release to the environment.
P280	Wear protective gloves/eye protection/face protection.
P301/310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P302/352	IF ON SKIN: Wash with plenty of soap and water. IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with
P303/361/353	water/shower. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy
P305/351/338	to do. Continue rinsing.
P310	Immediately call a POISON CENTER or doctor/physician.
P331	Do not induce vomiting.
P333/313	If skin irritation or rash occurs: Get medical advice/attention.
P337/313	If eye irritation persists: Get medical advice/attention.
P362	Take off contaminated clothing and wash before reuse.
P370/378	In case of fire: Use carbon dioxide, dry chemical, foam for extinction.
P391	Collect spillage.
P403/235	Store in a well-ventilated place. Keep cool.
P405	Store locked up.
P501	Dispose of contents/container to approved disposal site, in accordance with local regulations.
SCI 2	Skin Corrosion / Irritation Category 2
SS 1	Sensitization - Skin Category 1
SS 1B	Sensitization - Skin Category 1B

The information in this safety data sheet is to the best of our knowledge true and accurate but all data, instructions, recommendations and/or suggestions are made without guarantee. This material has not been evaluated for safe use in e-cigerettes. Therefore MADAR Corporation Ltd do not support the use in this particular application.

SPECIFICATION

PRODUCT:

Geranium Oil Bourbon Type 100% Natural.

GENERAL DATA

Characteristic Odour: Appearance:

Pale Yellow To Amber Liquid

ANALYTICAL DATA

Flash Point:	
Flash Point (Fahrenheit):	
Specific Gravity @ 20°C:	
Refractive Index @ 20°C:	
GC:	
Optical Rotation @ 20°C:	

>76 °C > 169 °F 0.8830 - 0.9010 1.4620 - 1.4780 Match Standard -14.0 To -2.0 deg

STORAGE AND HANDLING

STORAGE: Store in well-sealed containers in cool, dry, dark place. Ideal temperature between 15-25°C (59-77°F). It is not recommended to store this material below 10°C or above 25°C.

Vegetarian & Vegan Suitability Statement

PRODUCT NAME: Geranium Oil Bourbon Type 100% Natural

MADAR Corporation Limited can confirm that the above listed product does not contain dairy or any other animal product, by product or derivative and is therefore suitable for vegetarian and vegan use.