

MYSTIC MOMENTS

CERTIFICATE OF ANALYSIS

PRODUCT IDENTIFICATION AND COMPOSITION

Product Name: Bug Repellent – Essential Oil Blend
Batch Number: 4471205
Best Before End: May 2025
Country of Manufacture: United Kingdom

PHYSICAL AND CHEMICAL PROPERTIES

TEST	SPECIFICATION	RESULT
Appearance:	Clear to pale yellow mobile liquid	Conforms
Odour:	Characteristic aroma	Conforms

STORAGE CONDITIONS

Stored at temperature <30°C in closed containers and protected from direct sunlight.

ADDITIONAL INFORMATION

DISCLAIMER

The information contained in this Certificate of Analysis is obtained from current and reliable sources. MADAR Corporation Ltd provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. Individuals receiving this information must exercise their independent judgment in determining its appropriateness for a particular purpose. As the ordinary or otherwise use(s) of this product is outside the control of MADAR Corporation Ltd., no representation or warranty, expressed or implied, is made as to the effect(s) of such use(s), (including damage or injury), or the results obtained. MADAR Corporation Ltd expressly disclaims responsibility as to the ordinary or otherwise use(s). Furthermore, nothing contained herein should be considered as a recommendation by MADAR Corporation Ltd as to the fitness for any use. The liability of MADAR Corporation Ltd is limited to the value of the goods and does not include any consequential loss. MADAR Corporation Ltd shall not be liable for any errors or delays in the content, or for any actions taken in reliance thereon. MADAR Corporation Ltd shall not be responsible for any damages resulting from use of or reliance upon this information. The user of the product is solely responsible for compliance with all laws and regulations applying to the use of the products, including intellectual property rights of third parties.

ALLERGEN DECLARATION

We hereby confirm that the following item contains the components listed below. Stated are the total levels added plus levels from natural ingredients. The information is supplied to enable compliance with Cosmetic and Detergent regulations.

Bug Repellent Essential Oil Blend

Ingredient	CAS	EC	Concentration (%)
Citral	5392-40-5	226-394-6	21.0273%
Eugenol	97-53-0	202-589-1	0.3125%
Farnesol	4602-84-0	225-004-1	0.2475%
Geraniol	106-24-1	203-377-1	8.2898%
Isoeugenol	97-54-1	202-590-7	0.05%
Linalool	78-70-6	201-134-4	2.7478%
d-Limonene	5989-27-5	227-813-5	4.636%
dl-Citronellol	106-22-9	203-375-0	7.6448%

Regulatory Affairs Department

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 Limited
19-20 Sandleheath Industrial Estate,
Fordingbridge,
Hampshire,
SP6 1PA

CERTIFICATE DELIVERED TO:

SCOPE OF THE CERTIFICATE:

Bug Repellent Essential Oil Blend

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	Not approved
IFRA Category 2	0.15%
IFRA Category 3	0.23%
IFRA Category 4	2.85%
IFRA Category 5A	0.71%
IFRA Category 5B	0.46%
IFRA Category 5C	0.71%
IFRA Category 5D	0.15%
IFRA Category 6	Not approved
IFRA Category 7A	0.70%
IFRA Category 7B	0.70%
IFRA Category 8	0.15%
IFRA Category 9	5.70%
IFRA Category 10A	5.70%
IFRA Category 10B	19.97%
IFRA Category 11A	0.15%
IFRA Category 11B	0.15%
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 Limited

ADDITIONAL INFORMATION ABOUT INGREDIENTS

Information about presence and concentration of fragrance ingredients subject to IFRA Limits in the fragrance mixture Bug Repellent EOB Madar Corp is as follows:

Materials with an IFRA limit:	CAS number(s):	Concentration (%) in the fragrance mixture
Citral	5392-40-5, 141-27-5, 106-26-3	21.0273%
Citronellal	106-23-0	10.9250%
Citronellol	106-22-9, 1117-61-9, 26489-01-0, 6812-78-8, 141-25-3, 68916-43-8, 7540-51-4	7.6448%
Estragole	140-67-0	0.0190%
Eugenol	97-53-0	0.3125%
Farnesol	4602-84-0	0.2475%
Geraniol	106-24-1	8.2898%
Isocitral #2	72203-98-6	0.3500%
Isoeugenol	97-54-1	0.0500%
Methyl eugenol	93-15-2	0.0020%
cis-7-Hexadecanolide	72203-97-5	0.2000%

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: Bug Repellent EOB Madar Corp

Version: 1

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

1.1 Product Identifier

Product identifier: Bug Repellent EOB Madar Corp (Contains:Citral, Eucalyptol, Thymol, p-Cymene)

Other identifiers: None

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

Product uses: Fragrances

1.3 Details of the supplier of the safety data sheet

Company name: MADAR Corporation Limited

Company address: 19-20 Sandealth Industrial Estate,
Fordingbridge,
Hampshire,
SP6 1PA

Contact: Pat

E-Mail address: technical@madarcorporation.co.uk

Company phone: 01425 655555

1.4 Emergency telephone number

Emergency phone: 01425 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: Flammable Liquid, Hazard Category 3
Skin Corrosion / Irritation Category 1B
Eye Damage / Irritation Category 1
Sensitization - Skin Category 1
Aspiration Hazard Category 1
Hazardous to the Aquatic Environment - Long-term Hazard Category 2
H226, Flammable liquid and vapour.
H304, May be fatal if swallowed and enters airways.
H314, Causes severe skin burns and eye damage.
H317, May cause an allergic skin reaction.
H411, Toxic to aquatic life with long lasting effects.

SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

Product: Bug Repellent EOB Madar Corp

Version: 1

2.2 Label elements

Classification under Regulation (EC) No 1272/2008

Signal word: Danger

Hazard statements: H226, Flammable liquid and vapour.
H304, May be fatal if swallowed and enters airways.
H314, Causes severe skin burns and eye damage.
H317, May cause an allergic skin reaction.
H411, Toxic to aquatic life with long lasting effects.

Supplemental Information: EUH208, Contains 3,7-Dimethyl-3,6-octadienal, Carvacrol, Citronellal, Eugenol, Farnesol, Geraniol, Geranyl acetate, Isoeugenol, Linalool, Nerol, Neryl acetate, alpha-Pinene, beta-Caryophyllene, beta-Pinene, beta-Vetivone, cis-7-Hexadecanolide, d,l-Isomenthone, d-Limonene, dl-Citronellol, trans-p-Menthan-3-one. May produce an allergic reaction.

Precautionary statements: P210, Keep away from heat, sparks, open flames and hot surfaces. - No smoking.
P240, Ground/bond container and receiving equipment.
P233, Keep container tightly closed.
P241, Use explosion-proof electrical, ventilating and lighting equipment.
P242, Use only non-sparking tools.
P243, Take precautionary measures against static discharge.
P260, Do not breathe vapour or dust.
P272, Contaminated work clothing should not be allowed out of the workplace.
P264, Wash hands and other contacted skin thoroughly after handling.
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.
P301/330/331, If swallowed: Rinse mouth. Do not induce vomiting.
P303/361/353, IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.
P304/340, IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
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.
P331, Do not induce vomiting.
P333/313, If skin irritation or rash occurs: Get medical advice/attention.
P363, Wash contaminated clothing 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.

19-20 Sandheath Industrial Estate, Fordingbridge, Hampshire, SP6 1PA, UK

Tel: 01425 655555 Email: technical@madarcorporation.co.uk

SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

Product: Bug Repellent EOB Madar Corp

Version: 1

Pictograms:



2.3 Other hazards

Other hazards: None

Section 3. Composition / information on ingredients

3.2 Mixtures

Contains:

Name	CAS	EC	REACH Registration No.	%	Classification for (CLP) 1272/2008
Citral	5392-40-5	226-394-6		20-<50%	Skin Irrit. 2-Skin Sens. 1-Skin Sens. 1B;H315-H317,-
Eucalyptol	470-82-6	207-431-5		10-<20%	Flam. Liq. 3-Skin Sens. 1B;H226-H317,-
Citronellal	106-23-0	203-376-6		10-<20%	Skin Irrit. 2-Eye Irrit. 2-Skin Sens. 1B;H315-H317-H319,-
Thymol	89-83-8	201-944-8		10-<20%	Acute Tox. 4-Skin Corr. 1B-Eye Dam. 1-Aquatic Chronic 2;H302-H314-H411,-
Geraniol	106-24-1	203-377-1		5-<10%	Skin Irrit. 2-Eye Dam. 1-Skin Sens. 1;H315-H317-H318,-
dl-Citronellol	106-22-9	203-375-0		5-<10%	Skin Irrit. 2-Skin Sens. 1B;H315-H317,-
p-Cymene	99-87-6	202-796-7		5-<10%	Flam. Liq. 3-Asp. Tox 1-Aquatic Chronic 2; H226-H304-H411,-
d-Limonene	5989-27-5	227-813-5		1-<5%	Flam. Liq. 3-Skin Irrit. 2-Skin Sens. 1B-Asp. Tox 1-Aquatic Acute 1-Aquatic Chronic 1; H226-H304-H315-H317-H410,-
beta-Caryophyllene	87-44-5	201-746-1		1-<5%	Skin Sens. 1B-Asp. Tox 1-Aquatic Chronic 4;H304-H317-H413,-
Linalool	78-70-6	201-134-4		1-<5%	Skin Irrit. 2-Eye Irrit. 2-Skin Sens. 1B;H315-H317-H319,-
alpha-Pinene	80-56-8	201-291-9		1-<5%	Flam. Liq. 3-Acute Tox. 4-Skin Irrit. 2-Skin Sens. 1B-Asp. Tox 1-Aquatic Acute 1-Aquatic Chronic 1; H226-H302-H304-H315-H317-H410,-

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In accordance with REACH Regulation EC No.1907/2006

Product: Bug Repellent EOB Madar Corp**Version:** 1

p-Mentha-1,4-diene	99-85-4	202-794-6		1-<5%	Flam. Liq. 3-Asp. Tox 1;H226-H304,-
Camphene	79-92-5	201-234-8		1-<5%	Flam. Liq. 3-Flam. Sol. 2-Aquatic Acute 1-Aquatic Chronic 1; H226-H228-H410,-
Myrcene	123-35-3	204-622-5		1-<5%	Flam. Liq. 3-Skin Irrit. 2-Eye Irrit. 2-Asp. Tox 1-Aquatic Acute 1-Aquatic Chronic 2; H226-H304-H315-H319-H400-H411,-
Carvacrol	499-75-2	207-889-6		1-<5%	Acute Tox. 4-Skin Irrit. 2-Eye Irrit. 2-Skin Sens. 1B;H302-H315-H317-H319,-
Geranyl acetate	105-87-3	203-341-5		1-<5%	Skin Irrit. 2-Skin Sens. 1-Skin Sens. 1B-Aquatic Chronic 3; H315-H317-H412,-
Citronellyl acetate	150-84-5	205-775-0		1-<5%	Skin Irrit. 2-Aquatic Chronic 2;H315-H411,-
d,l-Isomenthone	491-07-6	207-727-4		1-<5%	Skin Irrit. 2-Skin Sens. 1B;H315-H317,-
trans-p-Menthan-3-one	89-80-5	201-941-1		0.1-<1%	Skin Irrit. 2-Skin Sens. 1B;H315-H317,-
beta-Vetivone	18444-79-6			0.1-<1%	Skin Irrit. 2-Eye Irrit. 2-Skin Sens. 1B-Aquatic Chronic 3;H315-H317-H319-H412,-
3,7-Dimethyl-3,6-octadienal	72203-98-6			0.1-<1%	Skin Irrit. 2-Eye Irrit. 2-Skin Sens. 1B-Aquatic Chronic 3;H315-H317-H319-H412,-
Eugenol	97-53-0	202-589-1		0.1-<1%	Eye Irrit. 2-Skin Sens. 1B;H317-H319,-
beta-Pinene	127-91-3	204-872-5		0.1-<1%	Flam. Liq. 3-Skin Irrit. 2-Skin Sens. 1B-Asp. Tox 1-Aquatic Acute 1-Aquatic Chronic 1; H226-H304-H315-H317-H410,-
Nerol	106-25-2	203-378-7		0.1-<1%	Skin Irrit. 2-Eye Dam. 1-Eye Irrit. 2-Skin Sens. 1B;H315-H317-H318-H319,-
Neryl acetate	141-12-8	205-459-2		0.1-<1%	Skin Irrit. 2-Skin Sens. 1B;H315-H317,-
Farnesol	4602-84-0	225-004-1		0.1-<1%	Skin Irrit. 2-Skin Sens. 1B;H315-H317,-
cis-7-Hexadecanolide	72203-97-5			0.1-<1%	Skin Irrit. 2-Eye Irrit. 2-Skin Sens. 1B-Aquatic Chronic 3;H315-H317-H319-H412,-
cis-beta-Ocimene	3338-55-4	222-081-3		0.1-<1%	Flam. Liq. 3-Skin Irrit. 2-Asp. Tox 1-Aquatic Acute 1-Aquatic Chronic 2;H226-H304-H315-H400-H411,-
Isoeugenol	97-54-1	202-590-7		<0.1%	Acute Tox. 4-Acute Tox. 4-Acute Tox. 4-Skin Irrit. 2-Eye Irrit. 2-Skin Sens. 1A-STOT SE 3;H302-H312-H315-H317-H319-H332-H335,-

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Product: Bug Repellent EOB Madar Corp

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Substances with Community workplace exposure limits:

Not Applicable

Substances that are persistent, bioaccumulative and toxic or very persistent and very bioaccumulative, greater than 0.1%:

Not Applicable

Section 4. First-aid measures

4.1 Description of first aid measures

- Inhalation:** IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
- Eye exposure:** IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- Skin exposure:** IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.
- Ingestion:** IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
If swallowed: Rinse mouth. Do not induce vomiting.

4.2 Most important symptoms and effects, both acute and delayed

May be fatal if swallowed and enters airways.

Causes severe skin burns and eye damage.

May cause an allergic skin reaction.

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.

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Version: 1

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.

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.

Section 7. Handling and storage

7.1 Precautions for safe handling:

Keep away from heat, sparks, open flames and hot surfaces. - No smoking.

7.2 Conditions for safe storage, including any incompatibilities:

Ground/bond container and receiving equipment.

Use only non-sparking tools.

Take precautionary measures against static discharge.

7.3 Specific end use(s):

Fragrances: 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.

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Version: 1

Also refer to Sections 2 and 7.

Section 9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance:	Clear yellow
Odour:	Not determined
Odour threshold:	Not determined
pH:	Not determined
Melting point / freezing point:	Not determined
Initial boiling point / range:	Not determined
Flash point:	>50 °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:	0.88575 - 0.889575
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
Refractive Index:	1.46790 -1.47787
Optical Rotation:	-1.40 °

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.

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Product: Bug Repellent EOB Madar Corp

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10.5 Incompatible materials:

Avoid contact with strong acids, alkalis or oxidising agents.

10.6 Hazardous decomposition products:

Not expected.

Section 11. Toxicological information

11.1 Information on toxicological effects

This mixture has not been tested as a whole for health effects. The health effects have been calculated using the methods outlined in Regulation (EC) No 1272/2008 (CLP).

Acute Toxicity:	Based on available data the classification criteria are not met.
Acute Toxicity Oral	3118
Acute Toxicity Dermal	>5000
Acute Toxicity Inhalation	Not Available
Skin corrosion/irritation:	Skin Corrosion / Irritation Category 1B
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:	Aspiration Hazard Category 1

Information about hazardous ingredients in the mixture

Ingredient	CAS	EC	LD50/ATE Oral	LD50/ATE Dermal	LC50/ATE Inhalation	LC50 Route
Carvacrol	499-75-2	207-889-6	810	Not available	Not available	Not available
Thymol	89-83-8	201-944-8	980	Not available	Not available	Not available

Refer to Sections 2 and 3 for additional information.

Section 12. Ecological information

12.1 Toxicity:

Toxic 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.

SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

Product: Bug Repellent EOB Madar Corp

Version: 1

12.6 Other adverse effects: Not available

Section 13. Disposal considerations

13.1 Waste treatment methods:

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: UN2920

14.2 UN Proper Shipping Name: CORROSIVE LIQUID, FLAMMABLE, N.O.S. (Thymol, Eucalyptol)

14.3 Transport hazard class(es): 8

Sub Risk: 3

14.4. Packing Group: II

14.5 Environmental hazards: This is an environmentally hazardous substance.

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 applicable

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 C2=21.33% EH C3=2.13% EH C4=75.01% SCI 1B=50.00% SCI 1C=50.00% SCI 2=6.03% EDI 1=16.40% EDI 2=4.31% SS 1=4.76% AH 1=42.05%

Total Fractional Values: EH C2=4.69 EH C3=46.96 EH C4=1.33 SCI 1B=2.00 SCI 1C=2.00 SCI 2=16.57 EDI 1=6.10 EDI 2=23.22 SS 1=21.03 AH 1=2.38

Key to revisions:

Not applicable

Key to abbreviations:

Abbreviation	Meaning
Acute Tox. 4	Acute Toxicity - Oral Category 4
Acute Tox. 4	Acute Toxicity - Dermal Category 4
Acute Tox. 4	Acute Toxicity - Inhalation Category 4
Aquatic Acute 1	Hazardous to the Aquatic Environment - Acute Hazard Category 1
Aquatic Chronic 1	Hazardous to the Aquatic Environment - Long-term Hazard Category 1

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SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

Product: Bug Repellent EOB Madar Corp

Version: 1

Aquatic Chronic 2	Hazardous to the Aquatic Environment - Long-term Hazard Category 2
Aquatic Chronic 3	Hazardous to the Aquatic Environment - Long-term Hazard Category 3
Aquatic Chronic 4	Hazardous to the Aquatic Environment - Long-term Hazard Category 4
Asp. Tox 1	Aspiration Hazard Category 1
Eye Dam. 1	Eye Damage / Irritation Category 1
Eye Irrit. 2	Eye Damage / Irritation Category 2
Flam. Liq. 3	Flammable Liquid, Hazard Category 3
Flam. Sol. 2	Flammable Solid, Hazard Category 2
H226	Flammable liquid and vapour.
H228	Flammable solid.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H312	Harmful in contact with skin.
H314	Causes severe skin burns and eye damage.
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.
H335	May cause respiratory 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.
H413	May cause long lasting harmful effects to aquatic life.
P210	Keep away from heat, sparks, open flames and hot surfaces. - No smoking.
P233	Keep container tightly closed.
P240	Ground/bond container and receiving equipment.
P241	Use explosion-proof electrical, ventilating and lighting equipment.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P260	Do not breathe vapour or dust.
P261	Avoid breathing vapour or dust.
P264	Wash hands and other contacted skin thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P271	Use only outdoors or in a well-ventilated area.
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.
P301/312	IF SWALLOWED: call a POISON CENTER or doctor/physician if you feel unwell.
P301/330/331	If swallowed: Rinse mouth. Do not induce vomiting.

SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

Product: Bug Repellent EOB Madar Corp

Version: 1

P302/352	IF ON SKIN: Wash with plenty of soap and water.
P303/361/353	IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.
P304/340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
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.
P312	Call a POISON CENTRE or doctor/physician if you feel unwell.
P330	Rinse mouth.
P331	Do not induce vomiting.
P332/313	If skin irritation occurs: Get medical advice/attention.
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.
P363	Wash contaminated clothing before reuse.
P370/378	In case of fire: Use carbon dioxide, dry chemical, foam for extinction.
P391	Collect spillage.
P403/233	Store in a well-ventilated place. Keep container tightly closed.
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.
STOT SE 3	Specific Target Organ Toxicity (Single Exposure) Category 3
Skin Corr. 1B	Skin Corrosion / Irritation Category 1B
Skin Irrit. 2	Skin Corrosion / Irritation Category 2
Skin Sens. 1	Sensitization - Skin Category 1
Skin Sens. 1A	Sensitization - Skin Category 1A
Skin Sens. 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.

MYSTIC MOMENTS

Date: 23/11/2018

Re: Vegan Suitability

We can confirm that the all of the Essential Oil Blends supplied by the MADAR Corporation are produced with vegan friendly essential oils.