CERTIFICATE OF ANALYSIS

PRODUCT IDENTIFICATION AND COMPOSITION

Product Name:
Batch Number:
Best Before End:
Country of Manufacture:

Peace – Essential Oil Blend 4489308 November 2025 United Kingdom

PHYSICAL AND CHEMICAL PROPERTIES					
SPECIFICATION	RESULT				
Clear, mobile liquid	Conforms				
Characteristic aroma	Conforms				
	SPECIFICATION Clear, mobile liquid	SPECIFICATION RESULT Clear, mobile liquid 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.

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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.

Peace EOB Madar Corp

Ingredient	CAS	EC	Concentration (%)
Benzyl benzoate	120-51-4	204-402-9	0.5347%
Benzyl cinnamate	103-41-3	203-109-3	0.0495%
Benzyl salicylate	118-58-1	204-262-9	0.15%
Citral	5392-40-5	226-394-6	0.0025%
Coumarin	91-64-5	202-086-7	0.0297%
Eugenol	97-53-0	202-589-1	0.0992%
Farnesol	4602-84-0	225-004-1	0.0995%
Geraniol	106-24-1	203-377-1	0.3939%
Isoeugenol	97-54-1	202-590-7	0.0495%
Limonene	5989-27-5, 138-86-3, 5989-54-8		8.824%
Linalool	78-70-6	201-134-4	19.997%
dl-Citronellol	106-22-9	203-375-0	0.0347%

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:

MADAR Corporation Limited

SCOPE OF THE CERTIFICATE:

Peace EOB Madar Corp

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 50th Amendment to the IFRA Code of Practice (published June 2021), 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	0.49%		
IFRA Category 3	0.16%		
IFRA Category 4	2.88%		
IFRA Category 5A	1.66%		
IFRA Category 5B	0.32%		
IFRA Category 5C	0.49%		
IFRA Category 5D	0.10%		
IFRA Category 6	Not approved		
IFRA Category 7A	0.32%		
IFRA Category 7B	0.32%		
IFRA Category 8	0.10%		
IFRA Category 9	1.49%		
IFRA Category 10A	1.49%		
IFRA Category 10B	2.88%		
IFRA Category 11A	0.10%		
IFRA Category 11B	0.10%		
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 Peace EOB Madar Corp is as follows:

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Materials with an IFRA limit:	CAS number(s):	Concentration (%) in the fragrance mixture
1-Octen-3-yl acetate	2442-10-6	0.4497%
Benzaldehyde	100-52-7	0.0347%
Benzyl benzoate	120-51-4	0.5347%
Benzyl cinnamate	103-41-3	0.0495%
Benzyl salicylate	118-58-1	0.1500%
Carvone	99-49-0, 2244-16-8, 6485-40-1	12.0332%
Citral	5392-40-5, 141-27-5, 106-26-3	0.0025%
Citronellol	106-22-9, 1117-61-9, 26489-01-0, 6812-78-8, 141-25-3	0.0347%
Coumarin	91-64-5	0.0297%
Estragole	140-67-0	0.0446%
Eugenol	97-53-0	0.0992%
Eugenyl methyl ether	93-15-2	0.0446%
Farnesol	4602-84-0	0.0995%
Furfural	98-01-1	0.0347%
Geraniol	106-24-1	0.3939%
Hexen-2-al	6728-26-3	0.0347%
Isoeugenol	97-54-1	0.0495%
Toluene (trace from natural sources)	108-88-3	0.0000%
alpha-Cedrene	469-61-4	3.0000%
beta-Cedrene	546-28-1	0.9000%

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 oth hair chemical treatments (leave-on) e.g. relaxers, including leave-on hair dyes; Shampoo - Dry (waterles 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)				

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In accordance with REACH Regulation EC No.1907/2006

Product: Peace EOB Madar Corp

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Version:

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

1.1 Product Identifier

Product identifier:Peace EOB Madar Corp (Contains:Carvone, Linalool, d-Limonene, p-Mentha-1,4-diene)Other identifiers:None

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

Product uses: Fragrances

1.3 Details of the supplier of the safety data sheet

Company name:MADAR Corporation LimitedCompany address:19-20 Sandleheath Industrial Estate,
Fordingbridge,

Hampshire,
SP6 1PAContact:Pat GilbertE-Mail address:technical@madarcorporation.co.ukCompany 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 2 Eye Damage / Irritation Category 2 Sensitization - Skin Category 1 Toxic to Reproduction Category 2
	Aspiration Hazard Category 1 Hazardous to the Aquatic Environment - Acute Hazard Category 1 Hazardous to the Aquatic Environment - Long-term Hazard Category 1 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. H319, Causes serious eye irritation. H361, Suspected of damaging fertility or the unborn child (exposure route).
	H410, Very toxic to aquatic life with long lasting effects.

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In accordance with REACH Regulation EC No.1907/2006

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- 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. H315, Causes skin irritation. H317, May cause an allergic skin reaction. H319, Causes serious eye irritation. H361, Suspected of damaging fertility or the unborn child (exposure route). H410, Very toxic to aquatic life with long lasting effects. 				
Supplemental Information:	EUH208, Contains 1-Octen-3-yl acetate, Benzyl salicylate, Carvacrol, Eucalyptol, Geraniol, Geranyl acetate, Isoeugenol, Linalyl acetate, Terpinolene, alpha-Pinene, beta-Caryophyllene, beta-Pinene, delta-3-Carene, I-Limonene, I-Menthone, p-Mentha-1,3-diene. May produce an allergic reaction.				
Precautionary statements:	 P101, If medical advice is needed, have product container or label at hand. P102, Keep out of reach of children. P202, Do not handle until all safety precautions have been read and understood. 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. 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. P303/361/353, IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. P308/313, IF appresent and easy to do. Continue rinsing. P308/313, IF exposed or concerned: Get medical advice/attention. 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. P370/378, In case of fire: Use carbon dioxide, dry chemical, foam for extinction. P301, Collect spillage. 				

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 Product:
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 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.
 P202, Do not handle until all safety precautions have been read and understood.

 Pictograms:
 Image: Complex Compl

Section 3. Composition / information on ingredients

3.2 Mixtures

Contains:

Name	CAS	EC	REACH Registration No.	%	Classification for (CLP) 1272/2008
Linalool	78-70-6	201-134-4	01-2119474016-42-XXXX	10-<20%	Skin Irrit. 2-Eye Irrit. 2- Skin Sens. 1B;H315- H317-H319,-
Carvone	99-49-0	202-759-5	Exempt<1 Tonne/pa or natural source	10-<20%	Skin Sens. 1B;H317,-
Linalyl acetate	115-95-7	204-116-4	01-2119454789-19-XXXX	10-<20%	Skin Irrit. 2-Skin Sens. 1B;H315-H317,-
4-Carvomenthenol	562-74-3	209-235-5	01-2120739156-53-XXXX	5-<10%	Acute Tox. 4-Acute Tox. 4-Skin Irrit. 2- STOT SE 3;H302- H315-H332-H336
d-Limonene	5989-27-5	227-813-5	Exempt<1 Tonne/pa or natural source	5-<10%	Flam. Liq. 3-Skin Irrit. 2-Skin Sens. 1B-Asp. Tox 1-Aquatic Acute 1- Aquatic Chronic 3; H226-H304-H315- H317-H400-H412
Cedrol	77-53-2	201-035-6	01-2120790208-49-XXXX or natural source	1-<5%	Aquatic Chronic 2; H411,-
p-Mentha-1,4-diene	99-85-4	202-794-6	01-2120780478-40-XXXX	1-<5%	Flam. Liq. 3-Repr. 2- Asp. Tox 1-Aquatic Chronic 2;H226-H304- H361-H411,-
p-Mentha-1,3-diene	99-86-5	202-795-1	Exempt <1 Tonne/pa or natural source	1-<5%	Flam. Liq. 3-Acute Tox. 4-Skin Sens. 1-Asp. Tox 1-Aquatic Chronic 2;H226-H302-H304- H317-H411,-

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				1	Skin Irrit. 2-Asp. Tox 1-
alpha-Cedrene	469-61-4	207-418-4	Exempt<1 Tonne/pa or natural source	1-<5%	Aquatic Acute 1- Aquatic Chronic 1; H304-H315-H410
cis-beta-Ocimene	3338-55-4	222-081-3	Exempt<1 Tonne/pa or natural source	1-<5%	Flam. Liq. 3-Skin Irrit. 2-Asp. Tox 1-Aquatic Acute 1-Aquatic Chronic 2;H226-H304- H315-H400-H411
beta-Caryophyllene	87-44-5	201-746-1	01-2120745237-53-XXXX or natural source	1-<5%	Skin Sens. 1B-Asp. Tox 1;H304-H317,-
alpha-Terpineol	98-55-5	202-680-6	01-2119980717-23-XXXX	1-<5%	Skin Irrit. 2-Eye Irrit. 2; H315-H319,-
Thymol	89-83-8	201-944-8	01-2119511177-46-XXXX	1-<5%	Acute Tox. 4-Skin Corr. 1B-Eye Dam. 1-Aquatic Chronic 2;H302-H314- H411
Benzyl acetate	140-11-4	205-399-7	01-2119638272-42-XXXX	1-<5%	Aquatic Chronic 3; H412,-
l-Menthol	2216-51-5	218-690-9	Exempt<1 Tonne/pa or natural source	1-<5%	Skin Irrit. 2;H315,-
Myrcene	123-35-3	204-622-5	01-2119514321-56-XXXX	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,-
Terpinolene	586-62-9	209-578-0	01-2119982325-32-XXXX	1-<5%	Skin Sens. 1B-Asp. Tox 1-Aquatic Acute 1- Aquatic Chronic 1; H304-H317-H410,-
I-Limonene	5989-54-8	227-815-6	Exempt<1 Tonne/pa or natural source	0.1-<1%	Flam. Liq. 3-Skin Irrit. 2-Skin Sens. 1B-Asp. Tox 1-Aquatic Acute 1- Aquatic Chronic 3; H226-H304-H315- H317-H400-H412,-
beta-Cedrene	546-28-1		Exempt<1 Tonne/pa or natural source	0.1-<1%	Aquatic Acute 1- Aquatic Chronic 1; H410,-
trans beta-Ocimene	3779-61-1		Exempt<1 Tonne/pa or natural source	0.1-<1%	Flam. Liq. 3-Skin Irrit. 2-Aquatic Acute 1- Aquatic Chronic 2; H226-H315-H400- H411
Benzyl benzoate	120-51-4	204-402-9	01-2119976371-33-XXXX	0.1-<1%	Acute Tox. 4-Aquatic Acute 1-Aquatic Chronic 2;H302-H400- H411,-
p-Methylanisole	104-93-8	203-253-7	Exempt<1 Tonne/pa or natural source	0.1-<1%	Acute Tox. 4-Skin Irrit. 2-Repr. 2;H302-H315- H361,-
1-Octen-3-yl acetate	2442-10-6	219-474-7	Exempt<1 Tonne/pa or natural source	0.1-<1%	Acute Tox. 4-Skin Sens. 1B;H302-H317,-
alpha-Pinene	80-56-8	201-291-9	01-2119979519-16-XXXX or 01-2119519223-49- XXXX	0.1-<1%	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,-
p-Cymene	99-87-6	202-796-7	01-2119881770-31-XXXX or 01-2120807345-59- XXXX	0.1-<1%	Flam. Liq. 3-Acute Tox. 3-Repr. 2-Asp. Tox 1- Aquatic Chronic 2; H226-H304-H331- H361-H411,-
Geraniol	106-24-1	203-377-1	01-2119552430-49-XXXX	0.1-<1%	Skin Irrit. 2-Eye Dam. 1-Skin Sens. 1;H315- H317-H318,-

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beta-Pinene	127-91-3	204-872-5	01-2119519230-54-XXXX	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,-
Carvacrol	499-75-2	207-889-6	Exempt<1 Tonne/pa or natural source	0.1-<1%	Acute Tox. 4-Skin Irrit. 2-Eye Irrit. 2-Skin Sens. 1B;H302-H315- H317-H319,-
delta-3-Carene	13466-78-9	236-719-3	01-2119520252-55-XXXX	0.1-<1%	Flam. Liq. 3-Acute Tox. 4-Skin Irrit. 2-Skin Sens. 1-Asp. Tox 1- Aquatic Chronic 2; H226-H304-H315- H317-H332-H411,-
Eucalyptol	470-82-6	207-431-5	01-2119967772-24-XXXX	0.1-<1%	Flam. Liq. 3-Skin Sens. 1B;H226-H317,-
Benzyl salicylate	118-58-1	204-262-9	01-2119969442-31-XXXX	0.1-<1%	Skin Sens. 1B-Aquatic Chronic 3;H317-H412,-
I-Menthone	14073-97-3	237-926-1	Exempt<1 Tonne/pa or natural source	0.1-<1%	Acute Tox. 4-Skin Irrit. 2-Skin Sens. 1B- Aquatic Chronic 3; H302-H315-H317- H412
Camphene	79-92-5	201-234-8	01-2119446293-40-XXXX or natural source	0.1-<1%	Flam. Liq. 3-Flam. Sol. 2-Aquatic Acute 1- Aquatic Chronic 1; H226-H228-H410,-
Geranyl acetate	105-87-3	203-341-5	01-2119973480-35-XXXX	0.1-<1%	Skin Irrit. 2-Skin Sens. 1B-Aquatic Chronic 3; H315-H317-H412,-
Isoeugenol	97-54-1	202-590-7	01-2120223682-61-XXXX or natural source	<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,-

Substances with Community workplace exposure limits:

Name	CAS	EC	REACH Registration No.	%	Classification for (CLP) 1272/2008
d-Limonene	5989-27-5	227-813-5	Exempt<1 Tonne/pa or natural source	5-<10%	Flam. Liq. 3-Skin Irrit. 2-Skin Sens. 1B-Asp. Tox 1-Aquatic Acute 1- Aquatic Chronic 3; H226-H304-H315- H317-H400-H412,-
l-Limonene	5989-54-8	227-815-6	Exempt<1 Tonne/pa or natural source	0.1-<1%	Flam. Liq. 3-Skin Irrit. 2-Skin Sens. 1B-Asp. Tox 1-Aquatic Acute 1- Aquatic Chronic 3; H226-H304-H315- H317-H400-H412,-

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

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Inhalation:	Remove from exposure site to fresh air, keep at rest, and obtain medical attention.	
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.	

4.2 Most important symptoms and effects, both acute and delayed

May be fatal if swallowed and enters airways.

Causes skin irritation.

May cause an allergic skin reaction.

Causes serious eye irritation.

Suspected of damaging fertility or the unborn child (exposure route).

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.

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.

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6.4 Reference to other sections:

1

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

Ensure adequate and ongoing ventilation is maintained in order to prevent build up of excessive vapour and to ensure occupational exposure limits are adhered to. If appropriate, and depending on your patterns and volumes of use, the following engineering controls may be required as additional protective measures: a) Isolate mixing rooms and other areas where this material is used or openly handled. Maintain these areas under negative air pressure relative to the rest of the plant. b) Employ the use of Personal protective equipment - an approved, properly fitted respirator with organic vapour cartridges or canisters and particulate filters. c) Use local exhaust ventilation around open tanks and other open sources of potential exposures in order to avoid excessive inhalation, including places where this material is openly weighed or measured. In addition, use general dilution ventilation of the work area to eliminate or reduce possible worker exposures. d) 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

Pale Yellow
Not determined
Not determined

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рН:	Not determined
Melting point / freezing point:	Not determined
Initial boiling point / range:	Not determined
Flash point:	52 °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:	0.891 - 0.901
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: Refractive Index: Optical Rotation:	Not expected 1.47037 -1.48040 -10.34 °

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.

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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	4553
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 2
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:	Toxic to Reproduction Category 2
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
4-Carvomenthenol	562-74-3	209-235-5	1300	2500	11	Not available
Thymol	89-83-8	201-944-8	980	Not available	Not available	Not available
p-Cymene	99-87-6	202-796-7	4750	Not available	9.7	Vapour mg/l
p-Mentha-1,3-diene	99-86-5	202-795-1	1680	Not available	Not available	Not available

Refer to Sections 2 and 3 for additional information.

Section 12. Ecological information

12.1 Toxicity:

- Very 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.

12.6 Other adverse effects: Not available

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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:	14.2 UN Proper Shipping Name:	14.3 Transport hazard class(es):	Sub Risk:	14.4 Packing Group:
UN Model Regulations	UN1169	EXTRACTS, AROMATIC, LIQUID	3	-	111
IMDG	UN1169	EXTRACTS, AROMATIC, LIQUID (alpha-Cedrene) MARINE POLLUTANT	3	-	111
ADR,RID,ADN	UN1169	EXTRACTS, AROMATIC, LIQUID	3	-	111
ICAO TI	UN1169	EXTRACTS, AROMATIC, LIQUID	3	-	111

14.5 Environmental hazards:

This is classified as an environmentally hazardous substance under the UN Model Regulations. This is classified as a Marine Pollutant under the IMDG Code.

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 A1=44.88% EH C1=60.71% EH C2=5.81% EH C3=0.57957199% EH C4=36.11% SCI 2=12.93% EDI 2=22.33% SS 1=5.00% REP 2=63.36% AH 1=37.36%
Total Fractional Values:	EH A1=2.23 EH C1=1.65 EH C2=17.22 EH C3=172.54 EH C4=2.77 SCI 2=7.74 EDI 2=4.48 SS 1=20.00 REP 2=1.58 AH 1=2.68
Key to revisions:	

Not applicable

Key to abbreviations:

Abbreviation

Meaning

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Acute Tox. 3	Acute Toxicity - Inhalation Category 3
Acute Tox. 4	Acute Toxicity - Oral Category 4
Acute Tox. 4	Acute Toxicity - Inhalation Category 4
Acute Tox. 4	Acute Toxicity - Dermal 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
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
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.
H331	Toxic if inhaled.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness.
H361	Suspected of damaging fertility or the unborn child (exposure route).
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.
P101	If medical advice is needed, have product container or label at hand.
P102	Keep out of reach of children.
P202	Do not handle until all safety precautions have been read and understood.
P202	Do not handle until all safety precautions have been read and understood.
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.

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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.
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.
P308/313	IF exposed or concerned: Get medical advice/attention.
P310	Immediately call a POISON CENTER or doctor/physician.
P311	Call a POISON CENTRE 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.
P403/233/235	Store in a well-ventilated place. Keep container tightly closed. Keep cool.
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.
Repr. 2	Toxic to Reproduction Category 2
STOT SE 3	Specific Target Organ Toxicity (Single Exposure) Category 3
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

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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.

GMO, Vegetarian & Vegan Suitability Statement

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

We hereby state and certify that the the above is also not derived/ produced from a raw material that has been genetically modified.

18/03/2022