

CERTIFICATE OF ANALYSIS

MATERIAL	MYRTLE OIL
BATCH	4518402
BEST BEFORE END	SEPTEMBER2026

Appearance	Yellow amber to brown liquid
Odour	Balsamic characteristic
Optical Rotation @ 20°C	+13.8
Specific Gravity @ 20°C	0.899
Refractive Index @ 20°C	1.464
Flashpoint	43°C
Solubility	Soluble in ethanol

Chromatographic Characteristics (GLC)

Alpha Pinene	33.01%
Limonene + Cineol	53.68%
Thymene	1.92%
Linalool	2.97%
Myrtenyl Acetate	1.79%
Caryophyllene	1.86%
Methyl Eugenol	0.07%

Storage

Original unopened container, at ambient temperature, under dry conditions and away from light. The shelf life is not valid out of the mentioned conditions.

Handling

According to IFRA Code of Practice.

Recommended Uses Multiple uses.

Caution

Concentrated product for industrial use avoid contact with eyes and mucous. Do not drink.



ALLERGEN LISTING

MATERIAL NAME: MYRTLE OIL

INGREDIENT	CAS No.	MAX
Alpha-Isomethylionone	127-51-5	А
Amyl Cinnamal	122-40-7	А
Amylcinnamyl Alcohol	101-85-9	А
Anise Alcohol	105-13-5	А
Benzyl Alcohol	100-51-6	А
Benzyl Benzoate	120-51-4	А
Benzyl Cinnamate	103-41-3	А
Benzyl Salicylate	118-58-1	А
Butylphenyl Methylpropional (Lilial)	80-54-6	А
Cinnamal	104-55-2	А
Cinnamyl Alcohol	104-54-1	А
Citral	106-26-3	Α
	141-27-5	Α
	5392-40-5	A
Citronellol	106-22-9	Α
	1117-61-9	A
	141-25-3	A
	6812-78-8	A
	68916-43-8	A
	7540-51-4	A
Coumarin	91-64-5	А
Eugenol	97-53-0	<0.05%
Evernia Furfuraceae (Tree Moss) Extract	90028-67-4	А
Evernia Prunastri (Oak Moss) Extract	90028-68-5	А
Farnesol	4602-84-0	А
Geraniol	106-24-1	<0.10%
Hexyl Cinnamal	101-86-0	А
Hydoxycitronellal	107-75-5	Α
Hydroxyisohexyl 3-Cyclohexene Carbocaldehyde (Lyral)	31906-04-4	Α
Isoeugenol	97-54-1	Α
Limonene	138-86-3	Α
	5989-27-5	3 - 6%
	5989-54-8	A
Linalool	126-90-9	Α
	126-91-0	A
	78-70-6	1 - 5%
Methyl 2-Octynoate	111-12-6	А

* A denotes absent

The information contained herein is true and accurate to the best of our knowledge.

We will not therefore accept liability for misuse of this data.



CMR DECLARATION

MA	TERIAL	MYRTLE OIL	
	declare that the proc 2/2008/EC and 1223/2		ording to Regulations
	Reproduction Categ	ory 1A or 1B es Carcinogenic, N	Mutagenic, Toxic for Iutagenic, Toxic for
	Reproduction Categ	ory 2 es Carcinogenic, N	Mutagenic, Toxic for Iutagenic, Toxic for
	p-Cymene Gamma Terpinene Methyl Eugenol	Rep. 2 Rep. 2 Carc. 2 Muta. 2	<2.50% <0.10% <0.10%

MYSTIC M@MENTS

MANUFACTURING PROCESS

MATERIAL	MYRTLE OIL
	Steam distillation of <i>Myrtus communis L.</i>
	Mixture
	Packaging, Labelling
	Delivery



GMO DECLARATION

MATERIAL MYRTLE OIL	MATERIAL	MYRTLE OIL
---------------------	----------	------------

Our company supplies the above ingredient to your company.

We declare that this product:

- Does not consist and does not contain Genetically Modified Organisms.
- Is not produced from and does not contain ingredients produced from Genetically Modified Organisms.

14 SEPTEMBER 2023



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

Contains Restricted Substances:

Component	CAS Number	Quantity
Limonene	5989-27-5	3 – 6%
Linalool	70-78-6	1 – 5%
Methyl Eugenol	93-15-2	0.12%
Geraniol	106-24-1	<0.10%
Eugenol	97-53-0	<0.05%

Limitation of Methyl Eugenol Regulation (EC) No. 1223/2009 ANNEX III:

(a)	Fine Fragrance Max	8.333333%
(b)	Eau de Toilette Max	3.333333%
(c)	Fragrance Cream Max	1.666666%
(d)	Other Leave-on Products and Oral Products Max	0.166666%
(e)	Rinse-off Products Max	8.333333%

The IFRA Standards regarding use restriction are based on safety assessments by the Panel of Experts of the RESEARCH INSTITUTE FOR FRAGRANCE MATERIALS (RIFM) and are enforced by the IFRA Scientific Committee.

Evaluation of individual fragrance ingredients is made according to the safety standards contained in the relevant section of the IFRA Code of Practice.

It is the ultimate responsibility of the customer to ensure the safety of the final product (containing this fragrance) by further testing if needed.

Product Type	IFRA	Value
	Category	
Lip products of all types (solid and liquid lipsticks, balms, clear	CLASS 1	0%
or coloured, etc.)		
Children's toys		
Deodorant and antiperspirant products of all types including	CLASS 2	1.916666%
any product with intended or reasonably foreseeable use on		
the axillae or labelled as such (spray, stick, roll-on, under-		
arm, deocologne, etc.)		
Eye products of all types (eye shadow, mascara, eyeliner, eye	CLASS 3	0.241666%
make-up, eye masks, eye pillows, etc.) including eye care and		
moisturiser.		
Facial make up and foundation.		
Make-up remover for face and eyes.		
Nose pore strips.		
Wipes or refreshing tissues for face, neck, hands, body.		
Body and face paint (for children and adults).		
Facial masks for face and around the eyes.		
Hydroalcoholic and non-hydroalcoholic fine fragrance of all	CLASS 4	13.333333%
types (Eau de Toilette, Parfum, Cologne, solid perfume,		
fragrancing cream, aftershaves of all types, etc.)		
Fragranced bracelets.		
Ingredients of perfume kits and fragrance mixtures for		
cosmetic kits.		
Scent pads, foil packs.		
Scent strips for hydroalcoholic products.		
Body creams, oils, lotions of all types.	CLASS 5A	1.666666%
Foot care products (creams and powders).		
Insect repellent (intended to be applied to the skin).		
All powders and talc (excluding baby powders and talc).		
Facial toner.	CLASS 5B	0.483333%
Facial moisturisers and creams.		
Hand cream.	CLASS 5C	0.483333%
Nail care products including cuticle creams, etc.		
Hand sanitisers.		
Baby cream/lotion, baby oil, baby powders and talc.	CLASS 5D	0.158333%
Toothpaste	CLASS 6	0%
Mouthwash, including breath sprays.		

	<u> </u>	
Toothpowder, strips, mouthwash tablets.		
Hair permanent or other hair chemical treatments (leave-on)	CLASS 7A	0.483333%
(e.g. relaxers), including rinse-off hair dyes.		
Hair sprays of all types (pumps, aerosol sprays, etc.)	CLASS 7B	0.483333%
Hair styling aids non sprays (mousse, gels, leave-on		
conditioners).		
Hair permanent or other hair chemical treatments (leave-on)		
(eg. relaxers), including leave-on hair dyes.		
Shampoo – Dry (waterless shampoo).		
Hair deodoriser.		
Intimate wipes.	CLASS 8	0.158333%
Tampons.		
Baby wipes.		
Toilet paper (wet).		
Bar soap.	CLASS 9	0.725%
Shampoo of all types.		
Cleanser for face (rinse-off).		
Conditioner (rinse-off).		
Liquid soap.		
Body washes and shower gels of all types.		
Baby wash, bath, shampoo.		
Bath gels, foams, mousses, salts, oils and other products		
added to bathwater.		
Foot care products (feet are placed in a bath for soaking).		
Shaving creams of all types (e.g. paste, sprays, sticks).		
All depilatories (including facial) and waxes for mechanical		
hair removal.		
Shampoos for pets.		
Hand wash laundry detergent (including concentrates).	CLASS 10A	0.725%
Laundry pre-treatment of all types (e.g. paste, sprays, sticks).		
Hand dishwashing detergent (including concentrates).		
Hard surface cleaners of all types (bathroom and kitchen		
cleansers, furniture polish, etc.)		
Machine laundry detergents with skin contact (e.g. liquids,		
powders) including concentrates.		
Dry cleaning kits.		
Toilet seat wipes.		
Fabric softeners of all types including fabric softener sheets.		

Household cleaning products, other types including fabric cleaners, soft surface cleaners, carpet cleaners, furniture polishes sprays and wipes, leather cleaning wipes, stain removers, fabric enhancing sprays, treatment products for textiles (e.g. starch sprays, fabric treated with fragrances after wash, deodorisers for textiles or fabrics). Floor wax. Fragranced oil for lamp ring, reed diffusers, pot-pourri, liquid refills for air fresheners (non-cartridge systems), etc. Ironing water (odourised distilled water).		
Animal sprays – sprays applied to animals of all types.	CLASS 10B	2.666666%
Air freshener sprays, manual, including aerosol and pump.		
Aerosol/spray insecticides.		
Feminine hygiene conventional pads, liners, interlabial pads.	CLASS 11A	0.158333%
Diapers (baby and adult).	CLA33 11A	0.13033370
Adult incontinence pant, pad.		
Toilet paper (dry).		
Tights with moisturisers.	CLASS 11B	0.158333%
Scented socks, gloves.	02.100 112	0.12000075
Facial tissues (dry tissues).		
Napkins.		
Paper towels.		
Wheat bags.		
Facial masks (paper/protective) e.g. surgical masks not used		
as a medical device.		
Fertilisers, solid (pellet or powder).		
Candles of all types (including encased).	CLASS 12	80.833333%
Laundry detergents for machine was with minimal skin		
contact (e.g. liquid tabs, pods).		
Automated air fresheners and fragrancing of all types		
(concentrated aerosol with metered doses (range 0.05-		
0.5ml/spray), plug-ins, closed systems, solid substrate,		
membrane delivery, electrical, powders, fragrancing sachets,		
incense, liquid refills (cartridge), air freshening crystals.		
Air delivery systems.		
Cat litter.		
Cell phone cases.		

Deodorisers/maskers not intended for skin contact (e.g. fabric dying machine deodorisers, carpet powders).	
Fuels.	-
Insecticides (e.g. mosquito coil, paper, electrical, for clothing)]
excluding aerosols/sprays.	
Joss sticks or incense sticks.	
Dishwash detergent and deodorisers – 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).	

DISCLAIMER: This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.



according to 1907/2006/EC, Article 31

TRADE NAME: MYRTLE OIL

REVISION: 08.09.2023

1 Identification of	f the Substance/Mixture and o	f the Company/Unde	rtakina
		,,,,,	

1.1 Product Identifier:

Trade Name	MYRTLE OIL
UFI Code	UFI 4R2F-904X-2003-5ERE

1.2 Relevant Identified Uses of the Substance or Mixture and Uses Advised Against:

Identified Uses and Uses Advised	No further relevant information available.
Against	
Application of the Substance/the	Multiple uses.
Mixture	

1.3 Details of the Supplier of the Safety Data Sheet:

Company Name	Madar Corporation Limited	
Company Address	19 - 20 Sandleheath Industrial Estate	
	Fordingbridge SP6 1PA	
Telephone Number	01425 655 555	
Email Address	technical@madarcorporation.co.uk	

2 Hazards Identification

2.1 Classification of the Substance or Mixture:

Classification according to Regulation (EC) No. 1272/2008:

	· , , , , , , , , , , , , , , , , , , ,
GHS02 Flame	Flam. Liq. 3 - H226 Flammable liquid and vapour.
GHS08 Health Hazard	Asp. Tox. 1 - H304 May be fatal if swallowed and enters airways.
GHS09 Environment	Aquatic Acute 1 - H400 Very Toxic to aquatic life. Aquatic Chronic 1 - H410 Very toxic to aquatic life with long lasting effects.
GHS07	Acute Tox. 4 - H302 Harmful if swallowed. Skin Irrit. 2 - H315 Causes skin irritation. Skin Sens. 1 - H317 May cause an allergic skin reaction.

2.2 Label Elements:

Labelling according to Regulation	The product is classified and labelled according to the CLP
(EC) No. 1272/2008	regulation.

Hazard Pictograms:



Signal Word	Danger.
Hazard-determining Components	Alpha Pinene, Eucalyptol, d-Limonene, p-Cymene, Linalool,
of Labelling	Beta Caryophyllene, Beta Pinene, Geranyl Acetate

REVISION: 08.09.2023

according to 1907/2006/EC. Article 31

according to 190//2006/EC, Article 31
TRADE NAME: MYRTLE OIL

Hazard Statements:	
H226	Flammable liquid and vapour.
H302	Harmful if swallowed.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H304	May be fatal if swallowed and enters airways.
H410	Very toxic to aquatic life with long lasting effects.
Precautionary Statements:	
P301+P310	IF SWALLOWED: Immediately call a POISON CENTRE/doctor.
P330	Rinse mouth.
P331	Do NOT induce vomiting.
P303+P361+P353	IF ON SKIN (or hair): Take off immediately all contaminated
	clothing. Rinse skin with water [or shower].
P362+P364	Take off contaminated clothing and wash it before reuse.
P405	Store locked up.
P501	Dispose of contents/container in accordance with local/
	regional/national/international regulations.
2.3 Other Hazards:	
Result of PBT Assessment	Not applicable.
Result of vPvB Assessment	Not applicable.

3 Composition/Information on Ingredients

3.1 Mixtures:

Description

Hazardous Components:

Chemical Name	Identification Number(s)	Classification and Hazards	Quantity
Eucalyptol	CAS: 470-82-6	Flam. Liq. 3, H226; Skin Sens. 1B, H317	50-90%
	EC: 207-431-5		
Alpha Pinene	CAS: 80-56-8	Flam. Liq. 3, H226; Asp. Tox. 1, H304;	25-50%
	EC: 201-291-9	Aquatic Acute 1, H400; Aquatic Chronic 1,	
		H410; Acute Tox. 4, H302; Skin Irrit. 2,	
		H315; Skin Sens. 1B, H317	
d-limonene	CAS: 5989-27-5	Flam. Liq. 3, H226; Asp. Tox. 1, H304;	1-10%
	EC: 227-813-5	Aquatic Acute 1, H400; Skin Irrit. 2, H315;	
		Skin Sens. 1B, H317; Aquatic Chronic 3,	
		H412	
Linalool	CAS: 78-70-6	Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin	1-10%
	EC: 201-134-4	Sens. 1B, H317	
p-Cymene	CAS: 99-87-6	Flam. Liq. 3, H226; Acute Tox. 3, H331;	1-10%
	EC: 202-796-7	Repr. 2, H361; Asp. Tox. 1, H304; Aquatic	
		Chronic 2, H411	
Gamma Terpinene	CAS: 99-85-4	Flam. Liq. 3, H226; Repr. 2, H361; Asp. Tox.	1-10%
	EC: 202-794-6	1, H304; Aquatic Chronic 2, H411	

REVISION: 08.09.2023

according to 1907/2006/EC, Article 31 TRADE NAME: MYRTLE OIL

		Specific Concentration Limit: Repr. 2; H361:	
		C ≥3%	
Beta Caryophyllene	CAS: 87-44-5	Asp. Tox. 1, H304; Skin Sens. 1B, H317	1-10%
	EC: 201-746-1		
Myrcene	CAS: 123-35-3	Flam. Liq. 3, H226; Asp. Tox. 1, H304;	≤1%
	EC: 204-622-5	Aquatic Acute 1, H400; Aquatic Chronic 2,	
		H411; Skin Irrit. 2, H315; Eye Irrit. 2, H319	
Alpha Phellandrene	CAS: 99-83-2	Flam. Liq. 3, H226; Asp. Tox. 1, H304;	≤1%
	EC: 202-792-5	Aquatic Acute 1, H400; Aquatic Chronic 1,	
		H410	
Beta Pinene	CAS: 127-91-3	Flam. Liq. 3, H226; Asp. Tox. 1, H304;	≤1%
	EC: 204-872-5	Aquatic Acute 1, H400; Aquatic Chronic 1,	
		H410; Skin Irrit. 2, H315; Skin Sens. 1B,	
		H317	
Geranyl Acetate	CAS: 105-87-3	Skin Irrit. 2, H315; Skin Sens. 1B, H317;	≤1%
	EC: 203-341-5	Aquatic Chronic 3, H412	

For the wording of the listed hazard phrases refer to Section 16.

4 First Aid Measures

4.1 Description of First Aid Measures:

General Information	Immediately remove any clothing soiled by the product. Symptoms of poisoning may even occur after several hours; therefore, medical observation for at least 48 hours after the accident.
After Inhalation	Supply fresh air and to be sure call for a doctor. In case of unconsciousness place patient stably in side position for transportation. Supply fresh air.
After Skin Contact	Immediately wash with water and soap and rinse thoroughly. Immediately rinse with water. If skin irritation continues, consult a doctor.
After Eye Contact	Rinse opened eye for several minutes under running water.
After Swallowing	Call for a doctor immediately. Inform doctor. Do not give milk or fatty oils.

4.2 Most Important Symptoms and Effects, both Acute and Delayed:

Important Symptoms and Effects	No further relevant information available.			
4.3 Indication of Immediate Medical Attention and Special Treatment Needed:				
Notes for Doctor	No further relevant information available.			

5 Fire-fighting Measures

5.1 Extinguishing Media:

Suitable Extinguishing Agents Carbon dioxide (CO2), powder or water spray. Figh				
	fires with water spray or alcohol resistant foam.			
For Safety Reasons Unsuitable	Water with full jet.			
Extinguishing Agents				

REVISION: 08.09.2023

according to 1907/2006/EC, Article 31
TRADE NAME: MYRTLE OIL

5.2 Special Hazards Arising from the	
Specific Hazards	Carbon monoxide (CO).
5.3 Advice for Fire-fighters:	
Protective Equipment	No special measures required.
6 Accidental Release Measures	
6.1 Personal Precautions, Protective	e Equipment and Emergency Procedures:
Personal Precautions	Wear protective equipment. Keep unprotected persons
	away.
6.2 Environmental Precautions:	
Environmental Precautions	Do not allow product to reach sewage system or any water
	course. Prevent seepage into sewage system, work pits and
	cellars. Inform respective authorities in case of seepage into
	water course or sewage system. Do not allow to enter
	sewers/surface or ground water.
6.3 Methods and Material for Conta	•
Methods for Cleaning Up	Absorb with liquid-binding material (sand, diatomite, acid
	binders, universal binders, sawdust). Dispose contaminated
	material as waste according to Section 13. Ensure adequate
	ventilation.
6.4 Reference to Other Sections:	
Reference to Other Sections	See Section 7 for information on safe handling. See Section
	8 for information on personal protection equipment. See
	Section 13 for disposal information.
7 Handling and Storage	
7.1 Precautions for Safe Handling:	
Precautions for Safe Handling	Ensure good ventilation/exhaustion at the workplace.
	Prevent formation of aerosols.
Information about Fire - and	Keep ignition sources away – do not smoke. Protect against
Explosion Protection	electrostatic charges.
7.2 Conditions for Safe Storage, incl	uding any Incompatibilities:
Storage:	
Requirements to be Met by	Store only in unopened original receptacles.
Storerooms and Receptacles	
Information about Storage in One	Not required.
Common Storage Facility	
Further Information about	Keep receptacle tightly sealed. Store in the dark.
Storage Conditions	
7.3 Specific End Use(s):	
Specific End Use(s)	No further relevant information available.
	1

REVISION: 08.09.2023

according to 1907/2006/EC, Article 31

TRADE NAME: MYRTLE OIL

8 Exposure Controls/Personal Protect	ion				
8.1 Control Parameters:					
Ingredients with Limit Values that	The product does not contain any relevant quantities of				
Require Monitoring at the	materials with critical values that have to be monitored at				
Workplace	the workplace.				
Additional Information	The lists valid during the making were used as basis.				
8.2 Exposure Controls:					
Appropriate Engineering Controls	No further data; see Section 7.				
Individual Protection Measures, such	as Personal Protective Equipment:				
General Protective and Hygienic	Keep away from foodstuffs, beverages, and feed.				
Measures	Immediately remove all soiled and contaminated clothing.				
	Wash hands before breaks and at the end of work. Avoid				
	contact with the skin. Avoid contact with the eyes and				
	skin.				
Respiratory Protection	Not required.				
Hand Protection	Protective gloves EN 374. The glove material must be impermeable and resistant to the product/the substance/the preparation. Due to				
	missing tests, no recommendation to the glove material can be given for the product/the preparation/the chemical mixture. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation.				
Material of Gloves	Nitrile rubber, NBR. The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material cannot be calculated in advance and has therefore to be checked prior to the application.				
Penetration Time of Glove Material	The exact break through time must be found out by the manufacturer of the protective gloves and must be observed.				
Eye/Face Protection	Safety glasses.				
	Tightly sealed goggles.				

REVISION: 08.09.2023

according to 1907/2006/EC, Article 31
TRADE NAME: MYRTLE OIL

9 Physical and Chemical Properties 9.1 Information on Basic Physical and Chemical Properties: **General Information: Physical State** Fluid. Colour According to product specification. Odour Characteristic. **Melting Point/Freezing Point** Undetermined. **Flammability** Not applicable. **Lower Explosion Limit** Not determined. **Upper Explosion Limit** Not determined. Flash Point (Closed Cup - ASTM 43°C D6450) **Ignition Temperature** Not determined. **Decomposition Temperature** Not determined. Not miscible or difficult to mix. **Solubility in Water Vapour Pressure** Not determined. Not determined. **Density** Specific Gravity at 20°C 0.890 to 0.905 9.2 Other Information: **Appearance** Liquid. Important Information on Protection of Health and Environment, and on Safety: **Auto-ignition Temperature** Product is not self-igniting. **Explosive Properties** Product is not explosive. However, formation of explosive air/vapour mixtures is possible. **Evaporation Rate** Not determined. **Information regarding Physical Hazard Classes: Explosives** Void. **Flammable Gases** Void. **Aerosols** Void. **Oxidising Gases** Void. **Gases Under Pressure** Void. Flammable liquid and vapour. Flammable Liquids **Flammable Solids** Void. **Self-reactive Substances and** Void. **Mixtures Pyrophoric Liquids** Void. **Pyrophoric Solids** Void. **Self-heating Substances and** Void. **Mixtures** Substances and Mixtures, which Void. **Emit Flammable Gases in Contact** with Water Void. **Oxidising Liquids**

Void.

Void.

Oxidising Solids

Organic Peroxides

REVISION: 08.09.2023

according to 1907/2006/EC, Article 31 TRADE NAME: MYRTLE OIL

Corrosive to Metals						
December of Fundacions		Void.				
Desensitised Explosives		Void.				
10 Stability and Reactivity 10.1 Reactivity:						
Reactivity		No further relevant information available.				
10.2 Chemical Stability:						
Thermal Decomposition/		No decomposition if used according to specifications.				
Conditions to Avoid						
10.3 Possibility of Hazardou	s Reacti	ions:				
Possibility of Hazardous Reactions		No dangerous reactions known.				
10.4 Conditions to Avoid:						
Conditions to Avoid		No further relevant information available.				
10.5 Incompatible Materials	s:					
Materials to Avoid		No further relevant information available.				
10.6 Hazardous Decomposit	tion Pro	ducts:				
Hazardous Decomposition Products		No dangerous decomposition products known.				
11 Toxicological Information	n					
		as defined in Regulation (EC) No. 1272/2008:				
11.1 Information on Hazard Acute Toxicity	Classes	Harmful if swallowed.				
11.1 Information on Hazard Acute Toxicity LD/LC50 Values relevant for	Classes Classifi	Harmful if swallowed.				
11.1 Information on Hazard Acute Toxicity	Classes	Harmful if swallowed. ication: LD50 500 mg/kg (ATE)				
11.1 Information on Hazard Acute Toxicity LD/LC50 Values relevant for	Classes Classifi	Harmful if swallowed.				
11.1 Information on Hazard Acute Toxicity LD/LC50 Values relevant for Alpha Pinene (80-56-8)	Classes Classifi	Harmful if swallowed. ication: LD50 500 mg/kg (ATE)				
11.1 Information on Hazard Acute Toxicity LD/LC50 Values relevant for	Classes Classifi Oral	Harmful if swallowed. ication: LD50				
11.1 Information on Hazard Acute Toxicity LD/LC50 Values relevant for Alpha Pinene (80-56-8) Skin Corrosion/Irritation Serious Eye Damage/Irrita	Classes Classifi Oral	Harmful if swallowed. ication: LD50				
11.1 Information on Hazard Acute Toxicity LD/LC50 Values relevant for Alpha Pinene (80-56-8) Skin Corrosion/Irritation Serious Eye Damage/Irrita Respiratory or Skin Sensiti	Classes Classifi Oral	Harmful if swallowed. ication: LD50				
11.1 Information on Hazard Acute Toxicity LD/LC50 Values relevant for Alpha Pinene (80-56-8) Skin Corrosion/Irritation Serious Eye Damage/Irrita	Classes Classifi Oral	Harmful if swallowed. ication: LD50				
11.1 Information on Hazard Acute Toxicity LD/LC50 Values relevant for Alpha Pinene (80-56-8) Skin Corrosion/Irritation Serious Eye Damage/Irrita Respiratory or Skin Sensiti	Classes Classifi Oral	Harmful if swallowed. ication: LD50				
11.1 Information on Hazard Acute Toxicity LD/LC50 Values relevant for Alpha Pinene (80-56-8) Skin Corrosion/Irritation Serious Eye Damage/Irrita Respiratory or Skin Sensitic Germ Cell Mutagenicity	Classes Classifi Oral	Harmful if swallowed. ication: LD50				
11.1 Information on Hazard Acute Toxicity LD/LC50 Values relevant for Alpha Pinene (80-56-8) Skin Corrosion/Irritation Serious Eye Damage/Irritat Respiratory or Skin Sensitic Germ Cell Mutagenicity Carcinogenicity	Classes Classifi Oral	Harmful if swallowed. ication: LD50				

None of the ingredients is listed.

May be fatal if swallowed and enters airways.

met.

Aspiration Hazard

11.2 Information on Other Hazards: Endocrine Disrupting Properties

REVISION: 08.09.2023

according to 1907/2006/EC, Article 31 TRADE NAME: MYRTLE OIL

12 Ecological Information					
12.1 Toxicity:					
Aquatic Toxicity	No further relevant information available.				
12.2 Persistence and Degradability:					
Persistence and Degradability	No further relevant information available.				
12.3 Bioaccumulative Potential:					
Bioaccumulative Potential	No further relevant information available.				
12.4 Mobility in Soil:					
Mobility in Soil	No further relevant information available.				
12.5 Results of PBT and vPvB Assessment:					
PBT	Not applicable.				
vPvB	Not applicable.				
12.6 Endocrine Disrupting Properties					
Endocrine Disrupting Properties	The product does not contain substances with endocrine				
	disrupting properties.				
12.7 Other Adverse Effects:					
Remark	Very toxic for fish.				
Additional Ecological Information:					
General Notes	Do not allow product to reach ground water, water course				
	or sewage system, even in small quantities. Also				
	poisonous for fish and plankton in water bodies. Very toxic				
	for aquatic organisms.				
13 Disposal Considerations 13.1 Waste Treatment Methods:					
Recommendation	Must not be disposed together with household garbage.				
	Do not allow product to reach sewage system.				
Uncleaned Packaging:					
Recommendation	Disposal must be made according to official regulations.				
14 Transport Information 14.1 UN Number:					
ADR	UN1993				
IMDG	UN1993				
IATA	UN1993				
14.2 UN Proper Shipping Name:					
ADR	UN1993 FLAMMABLE LIQUID, N.O.S. (Alpha Pinene, Eucalyptol)				
IMDG	FLAMMABLE LIQUID, N.O.S. (Alpha Pinene, Eucalyptol) MARINE POLLUTANT				
IATA	FLAMMABLE LIQUID, N.O.S. (Alpha Pinene, Eucalyptol)				
14.3 Transport Hazard Class(es):					
ADR					

REVISION: 08.09.2023

according to 1907/2006/EC, Article 31

TRADE NAME: MYRTLE OIL

Class	3 (F1) Flammable liquids.				
Label	3				
IMDG					
Class	3 Flammable liquids.				
Label	3				
IATA					
Class	3 Flammable liquids.				
Label	3				
14.4 Packing Group:					
ADR	III				
IMDG	III				
IATA	III				
14.5 Environmental Hazards:					
Product Contains Environmentally	Alpha Pinene				
Hazardous Substances					
Marine Pollutant	No				
	Symbol (fish and tree)				
Special Markings (ADR)	Symbol (fish and tree)				
14.6 Special Precautions for User:	,				
Special Precautions for User	Warning: Flammable liquids.				
Hazard Identification Number	30				
(Kemler Code)					
EMS Number	F-E, S-E				
Stowage Category	A				
14.7 Maritime Transport in Bulk acco					
Transport in Bulk	Not applicable.				
14.8 Transport/Additional Informatic ADR:	on:				
Limited Quantities (LQ)	5L				
Excepted Quantities (EQ)	Code: E1				
	Maximum net quantity per inner packaging: 30 ml				
	Maximum net quantity per outer packaging: 1000 ml				
Transport Category	3				
Tunnel Restriction Code	D/E				
IMDG:					
Limited Quantities (LQ)	5L				
Excepted Quantities (EQ)	Code: E1				
	Maximum net quantity per inner packaging: 30 ml				
	Maximum net quantity per outer packaging: 1000 ml				

according to 1907/2006/EC, Article 31 TRADE NAME: MYRTLE OIL

REVISION: 08.09.2023

UN Model Regulation: UN Model Regulation UN 1993 FLAMMABLE LIQUID, N.O.S. (ALPHA PINENE, EUCALYPTOL), 3, III 15 Regulatory Information 15.1 Safety, Health and Environmental Regulations/Legislation Specific for the Substance or Mixture: Directive 2012/18/EU: Named Dangerous Substances -None of the ingredients is listed. Annex 1 **Seveso Category** E1 – Hazardous to the Aquatic Environment. P5c FLAMMABLE LIQUIDS Qualifying Quantity (tonnes) for 100 t the Application of Lower-tier Requirements Qualifying Quantity (tonnes) for 200 t the Application of Upper-tier Requirements Regulation (EC) No. 1907/2006 Conditions of restriction: 3 **Annex XVII** Directive 2011/65/EU on None of the ingredients is listed. the Restriction of the Use of Certain **Hazardous Substances in Electrical** and Electronic Equipment - Annex Regulation (EU) 2019/1148: Annex 1 - Restricted Explosives None of the ingredients is listed. Precursors (Upper Limit Value for the Purpose of Licensing Under Article 5(3)) Annex II - Reportable Explosives None of the ingredients is listed. **Precursors** Regulation (EC) No. 273/2004 on None of the ingredients is listed. **Drug Precursors** Regulation (EC) No. 111/2005 None of the ingredients is listed. Down Rules for the Monitoring of Trade between the **Community and Third Countries in Drug Precursors** 15.2 Chemical Safety Assessment: **Chemical Safety Assessment** A Chemical Safety Assessment has not been carried out.

REVISION: 08.09.2023

according to 1907/2006/EC, Article 31

TRADE NAME: MYRTLE OIL

16 Other Information				
16.1 Relevant Phrases:				
H226	Flammable liquid and vapour.			
H302	Harmful if swallowed.			
H304	May be fatal if swallowed and enters airways.			
H315	Causes skin irritation.			
H317	May cause an allergic skin reaction.			
H319	Causes serious eye irritation.			
H331	Toxic if inhaled.			
H361	Suspected of damaging fertility or the unborn child.			
H400	Very toxic to aquatic life.			
H410	Very toxic to aquatic life with long lasting effects.			
H411	Toxic to aquatic life with long lasting effects.			
H412	Harmful to aquatic life with long lasting effects.			
16.2 Abbreviations and Acronyr	ms:			
ADR	European Agreement concerning the International			
	Carriage of Dangerous Goods by Road.			
IMDG	International Maritime Code for Dangerous Goods.			
IATA	International Air Transport Association.			
GHS	Globally Harmonised System of Classification and			
	Labelling of Chemicals.			
EINECS	European Inventory of Existing Commercial Chemical			
	Substances.			
ELINCS	European List of Notified Chemical Substances.			
CAS	Chemical Abstracts Service (Division of the American			
	Chemical Society).			
LC50	Lethal concentration, 50 percent.			
LD50	Lethal dose, 50 percent.			
PBT	Persistent, Bioaccumulative and Toxic.			
vPvB	Very Persistent and very Bioaccumulative.			
Flam. Liq. 3	Flammable liquids, Hazard Category 3.			
Acute Tox. 4	Acute toxicity, Hazard Category 4.			
Acute Tox. 3	Acute toxicity, Hazard Category 3.			
Skin Irrit. 2	Skin corrosion/irritation, Hazard Category 2.			
Eye Irrit. 2	Serious eye damage/eye irritation, Hazard Category 2.			
Skin Sens. 1	Skin sensitisation, Hazard Category 1.			
Skin Sens. 1B	Skin sensitisation, Hazard Category 1B.			
Repr. 2	Reproductive toxicity, Hazard Category 2.			
Asp. Tox. 1	Aspiration hazard, Hazard Category 1.			
Aquatic Acute 1	Hazardous to the aquatic environment – Acute Aquatic			
	Hazard, Category 1.			
Aquatic Chronic 1	Hazardous to the aquatic environment – Long-term			
	Aquatic Hazard, Category 1.			
Aquatic Chronic 2	Hazardous to the aquatic environment – Long-term			

Aquatic Hazard, Category 2.

according to 1907/2006/EC, Article 31 TRADE NAME: MYRTLE OIL

tic Chronic 3	Hazardous	to	the	aquatic	environment	Long-term	

REVISION: 08.09.2023

Aquat Aquatic Hazard, Category 3. **WARNING/DISCLAIMER:** The information is this Material Safety Data Sheet is based on the properties of the material known to H Reynaud at the time the data sheet was issued. The safety data sheet is intended to provide information for health and safety assessment of the material and the circumstances under which it is packaged, stored, or applied in the workplace. This document is not intended for quality assurance purposes.



SPECIFICATION

MATERIAL	MYRTLE OIL
EINECS CAS NUMBER	84082-67-7
CAS NUMBER	8008-46-6
EC NUMBER	282-012-8
BOTANICAL NAME	Myrtus communis
ORIGIN	Morocco

Appearance	Yellow amber to brown liquid
Odour	Balsamic, characteristic
O.R. @ 20°C	+8 to +18
S.G. @ 20°C	0.897 to 0.907
R.I. @ 20°C	1.460 to 1.470
Flashpoint	43°C
Solubility	Soluble in ethanol

Chromatographic Characteristics (GLC)

Alpha Pinene	30 to 36%
Thymene	3 to 8%
Myrtenyl Acetate	1 to 3%
Limonene + Cineol	50 to 60%
Linalool	1 to 5%
Caryophyllene	1 to 3%

Storage

Original unopened container, at ambient temperature, under dry conditions and away from light. The shelf life is not valid out of the mentioned conditions.

Handling

According to IFRA Code of Practice.

Recommended Uses Multiple uses.

Caution

Concentrated product for industrial use avoid contact with eyes and mucous. Do not drink.



VEGETARIAN & VEGAN SUITABILITY DECLARATION

MATERIAL	MYRTLE OIL

We declare that the essential oil mentioned above is free of:

Meat (red meat, poultry, seafood and the flesh of any animal), and byproducts of animal slaughter.

Therefore, can be used for vegetarian and vegan suitability.

The information contained herein is true and accurate to the best of our knowledge. All information is valid until revisions are issued. We will not therefore accept liability for misuse of the data resulting in damage or loss.

14 SEPTEMBER 2023