

### **CERTIFICATE OF ANALYSIS**

PRODUCT NAME: ROSEMARY (CINEOL), ESSENTIAL OIL ORGANIC

**BATCH NUMBER: 4417701** 

PRODUCT INCI: ROSMARINUS OFFICINALIS LEAF OIL

PRODUCT CODE: OCROSESPAN

CAS NUMBER: 84604-14-8 / 8000-25-7

**EINECS NUMBER: 283-291-9** 

MANUFACTURING METHOD: STEAM DISTILLED

**BEST BEFORE DATE: DECEMBER 2023** 

ANALYTICAL DETAILS	Range	RESULTS
Appearance	LIQUID	-
Colour	COLOURLESS — PALE YELLOW	-
Odour	CHARACTERISTIC, ROSE	-
SPECIFIC GRAVITY @ 20°C	0.900 – 0.920	0.910
Refractive Index @ 20°C	1.460 – 1.475	1.4665
OPTICAL ROTATION (°C)	-2.0 то +6.0	+0.2

#### **STORAGE CONDITIONS**

STORE IN A COOL DRY PLACE AWAY FROM HEAT & SUNLIGHT



## Allergen Declaration:

PRODUCT NAME:	Rosemary, Essential Oil Organic			
INCL	,			
INCI:	Rosmarinus Officinalis			
	COSMETIC ALLERGENS			
The Fo	pliowing is from the 7th amendment of the cosmetic directive of the European Union Annex iii.			
Annex Illa Reference:		CAS NUMBER:	TOTAL ALLERGEN INCLUSION (%):	
67	AMYL CINNAMAL	122-40-7	0.00	
68	BENZYL ALCOHOL	100-51-6	0.00	
69	CINNAMYL ALCOHOL	104-54-1	0.00	
70	CITRAL	5392-40-5	0.00	
71	EUGENOL	97-53-0	0.00	
72	HYDROXY-CITRONELLAL	107-75-5	0.00	
73	ISOEUGENOL	97-54-1	0.00	
74	AMYLCIN-NAMYL ALCOHOL	101-85-9	0.00	
75	BENZYL SALICYLATE	118-58-1	0.00	
76	CINNAMAL	104-55-2	0.00	
77	COUMARIN	91-64-5	0.00	
78	GERANIOL	106-24-1	0.00	
79	HYDROXY- METHYLPENTYLCYCLOHEXENECARBOXALDEHYDE	31906-04-4	0.00	
80	ANISE ALCOHOL	105-13-5	0.00	
81	BENZYL CINNAMATE	103-41-3	0.00	
82	FARNESOL	4602-84-0	0.00	
83	BUTYLPHENYL METHYLPROPIONAL	80-54-6	0.00	
84	LINALOOL	78-70-6	0.80	
85	BENZYL BENZOATE	120-51-4	0.00	
86	CITRONELLOL	106-22-9	0.00	
87	HEXYL CINNAM-ALDEHYDE	101-86-0	0.00	
88	LIMONENE	5989-27-5	6.00	
89	METHYL HEPTIN CARBONATE	111-12-6	0.00	
90	ALPHA-ISOMETHYL IONONE	127-51-5	0.00	
91	EVERNIA PRUNASTRI EXTRACT	90028-68-5	0.00	
92	EVERNIA FURFURACEA EXTRACT	90028-67-4	0.00	
	FOOD ALLERGENS			
he following is from the commision	on directive 2007/68/EC of 27th November 2007 amending Annex Illa to Directive 200/13/EC of the European Parlian	ment & Council with regards to specific food ing	redients.	
nnex Illa Reference:		PRESENT IN PRODUCT:	CONTAMINATION PRESENCE:	FACTORY PRESENCE:
1	CEREALS ( CONTAINING GLUTEN )	NO	NO	YES
2	CRUSTACEANS	NO	NO	NO
3	EGGS	NO	NO	NO
4	FISH	NO	NO	NO
5	PEANUTS	NO	NO	YES
6	SOYA	NO	NO NO	YES
7	MILK	NO	NO	YES
8	NUTS	NO	NO	YES
9	CELERY & CELERIAC	NO	NO	NO
10	MUSTARD	NO NO	NO NO	YES
11	SESAME SULPHIND DIOVIDE & SILIPHITES	NO NO	NO NO	YES
12	SULPHUR DIOXIDE & SULPHITES	NO NO	NO NO	NO NO
13	LUPIN	NO NO	NO	NO
14	MOLLUSC	NO	NO	NO



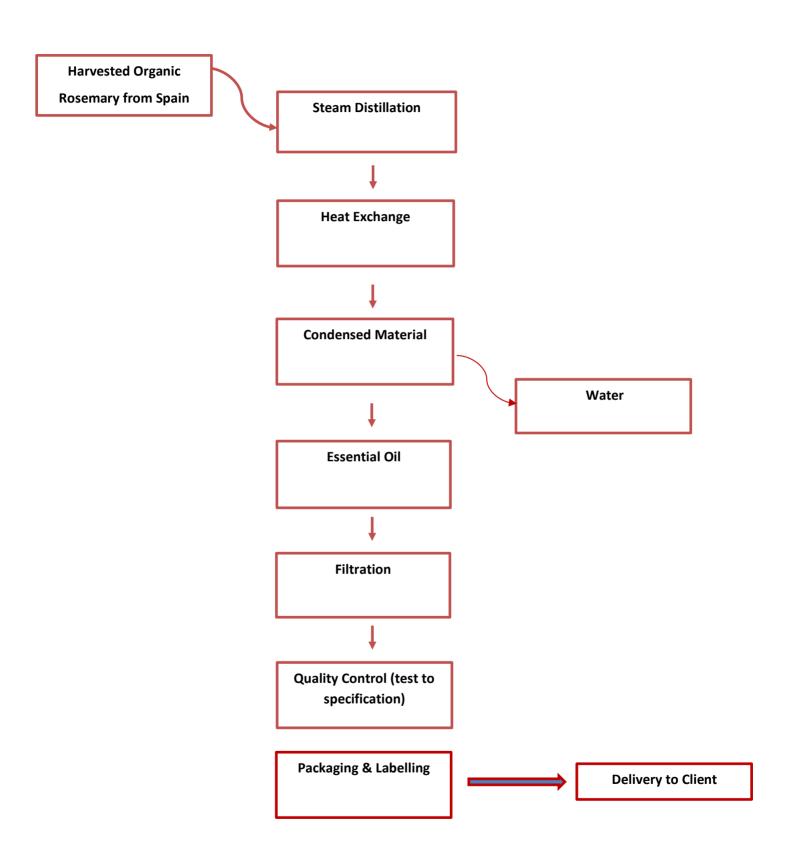
#### Composition Statement & Manufacturing Flow Chart:

Madar Corporation Limited can hereby confirm the following composition breakdown & manufacturing process flow;

Rosemary, Essential Oil Organic

INCI Name	% Inclusion	CAS Number
Rosmarinus Officinalis Leaf	100	84604-14-8 / 8000-25-7

# MYSTIC MOMENTS





#### **GMO Statement**

PRODUCT NAME: Rosemary Spanish Organic

 $\mbox{MADAR}$  Corporation Limited can confirm that the above listed product is  $\mbox{GMO}$  Free.

16/07/2020



## IFRA STATEMENT

PRODUCT NAME: ROSEMARY (CINEOL), ESSENTIAL OIL ORGANIC

PRODUCT INCI: ROSMARINUS OFFICINALIS LEAF

CAS NUMBER: 84604-14-8 / 8000-25-7

EINECS NUMBER: 283-291-9

MANUFACTURING METHOD: STEAM DISTILLED

SHELF LIFE / BEST BEFORE: 24 MONTHS

MADAR CORPORATION LIMITED CERTIFY THAT THE ABOVE NAMED MATERIAL CONFORMS TO THE  $\overline{IFRA}$  48 Code of Practice and contains the following restricted components that are listed in the  $48^{\text{th}}$  Amendment of the  $\overline{IFRA}$  Code of Practice:

Restricted Component	Cas No:	% Level in Product	IFRA Standard
Limonene	5989-27-5	≤ 4.0	Specification Stds
Linalool	78-70-6	≤ 1.2	Specification Stds
Geraniol	106-24-1	≤ 0.1	Restriction Stds (QRA cat.)
Eugenol	97-53-0	≤ 0.1	Restriction Stds (QRA cat.)
Citronellol	106-22-9	≤ 0.1	Restriction Stds (QRA cat.)
Benzaldehyde	100-52-7	≤ 0.1	Restriction Stds (QRA cat.)
Methyl Eugenol from Naturals	93-152	≤ 0.1	Restriction Stds (non QRA)
Estragole (Methyl Chavicol)	140-670	≤ 0.1	Restriction Stds (non QRA)
Furfural	98-01-1	≤ 0.1	Restriction Stds (non QRA)
Trans-2-Hexanal	6728-26-3	≤ 0.1	Restriction Stds (QRA cat.)

IFRA Classes	% Maximum Use Level
IFRA Class 1.A, 1.B	0.4
IFRA Class 2	0.4

The attached information is considered to be correct at the time the client received this information. Please be aware that detail can change and we encourage clients to update their records regularly. The information is not and should not be considered a guarantee or warranty, or a part of our contractual or other legal obligations. The information is not to be disclosed to others, reproduced or transmitted in whole or in part without permission. It is the responsibility of the client to ensure the safety of the final product containing this ingredient. Please carry out additional testing if necessary.



IFRA Class 3.A , 3.B	1.0
IFRA Class 3.C, 3.D	0.4
IFRA Class 4.A , 4.B, 4.D	1.0
IFRA Class 4.C	0.4
IFRA Class 5	1.0
IFRA Class 6	1.0
IFRA Class 7.A , 7.B	1.0
IFRA Class 8.A , 8.B	1.0
IFRA Class 9.A , 9.B, 9.C	1.0
IFRA Class 10.A	1.0
IFRA Class 10.B	0.4
IFRA Class 11.A	20.0
IFRA Class 11.B	1.0

Finished product types	IFRA class
Toys; Lip Products of all types (solid and liquid lipsticks, balms, clear or colored etc)	Class 1
Deodorant and Antiperspirant products of all types (spray, stick, roll-on, under-arm and body etc)	Class 2
Hydroalcoholic products applied to recently shaved skin (EdT range)	Class 3.A
Hydroalcoholic products applied to recently shaved skin (fine fragrance range)	Class 3.B
Eye Products of all types (eye shadow, mascara, eyeliner, eye make-up, etc) including eye cream. Men's Facial Creams and Balms	Class 3.C
Tampons.	Class 3.D
Hydroalcoholic Products applied to unshaved skin (EdT range). Ingredients of Perfume Kits. Scent Strips for Hydroalcoholic Products, "scratch and sniff", other paper products not mentioned elsewhere for which skin exposure is only incidental (e.g. spectacle cleaning tissues).	Class 4.A
Hydroalcoholic Products applied to unshaved skin (Fine Fragrance range).	Class 4.B
Hair Styling Aids and Hair Sprays of all types (pumps, aerosol sprays, etc); Hair Deodorant. Body Creams, Oils, Lotions of all types (including baby creams, lotions, oils). Fragrance Compounds for Cosmetic Kits, Foot Care Products	Class 4.C
Fragrancing Cream	Class 4.D
Women's Facial Creams/Facial Make-up (excluding eye cream); Facial Masks; Hand Cream Wipes or refreshing tissues for Face, Neck, Hands, Body.	Class 5
Mouthwash, Toothpaste.	Class 6
ntimate Wipes; Baby Wipes.	Class 7 A
nsect Repellent (intended to be applied to the skin).	Class 7 B

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Make-up Removers of all types (not including face cleansers). Hair Styling Aids Non-Spray of all types (mousse, gels, leave-in conditioners etc). Nail Care. All Powders & Talcs (including baby powders and talcs).	Class 8
Liquid Soap, Bar Soap (toilet soap); Depilatory; Conditioner (rinse-off), Shampoos of all types (including baby shampoos). Face Cleansers of all types (washes, gels, scrubs, etc). Shaving Creams of all types (stick, gels, foams, etc). Body Washes of all types (including baby washes). Shower Gels of all types; Bath Gels, Foams, Mousses, Salts, Oils and other products added to bathwater	Class 9.A
Feminine hygiene pads / liners.	Class 9.B
'Other' Aerosols (including air fresheners sprays but not including deodorant/antiperspirants, hair styling aids spray).	Class 9.C
Hand wash/Machine wash Laundry Detergents of all types (liquid, powder, tablet, etc) including Laundry Bleaches.  Other Household Cleaning Products (fabric cleaners, soft surface cleaners, carpet cleaners etc). Dry Cleaning Kits.  Fabric Softeners of all types including fabric softener sheets. Hand Dishwashing Detergent. Hard Surface Cleaners of all types (bathroom and kitchen cleansers, furniture polish etc). Shampoos for pets	Class 10.A
Diapers. Toilet seat wipes.	Class 10.B
All non-skin contact, including:  Air Fresheners and fragrancing of all types (excluding aerosol products): plug-ins, solid substrate, membrane delivery; Toilet blocks; Joss Sticks, Incense; Insecticides (mosquito coil, paper, electrical, etcexcluding aerosols); Plastic articles (excluding toys); Candles; Fuels; Paints; Floor wax; Liquid refills for air fresheners (cartridge system)	Class 11.A
All incidental skin contact, including:  Machine Dish wash Detergents and Deodorizers. Machine only Laundry Detergents (e.g. liquitabs).  Deodorizers/Maskers (e.g. fabric drying machine deodorizers, carpet powder). Pot pourri, fragrancing sachets, liquid refills for air fresheners (non-cartridge systems), etc Shoe polishes; Cat Litter; Animal Sprays (excluding aerosols); Treated Textiles (e.g. starch sprays, fabric treated with fragrances after wash, deodorizers for textiles or fabrics, tights with moisturizers); Odored Distilled Water (that can be added to steam irons).	Class 11.B



## IFRA STATEMENT

PRODUCT NAME: ROSEMARY (CINEOL), ESSENTIAL OIL ORGANIC

PRODUCT INCI: ROSMARINUS OFFICINALIS LEAF

PRODUCT CODE: OCROSESPAN

CAS NUMBER: 84604-14-8 / 8000-25-7

EINECS NUMBER: 283-291-9

MANUFACTURING METHOD: STEAM DISTILLED

MADAR CERTIFY THAT THE ABOVE NAMED MATERIAL CONFORMS TO THE IFRA 48 CODE OF PRACTICE AND CONTAINS THE FOLLOWING RESTRICTED COMPONENTS THAT ARE LISTED IN THE 48<sup>TH</sup> AMENDMENT OF THE IFRA CODE OF PRACTICE:

Restricted Component	Cas No:	% Level in Product	IFRA Standard
Limonene	5989-27-5	≤ 4.0	Specification Stds
Linalool	78-70-6	≤ 1.2	Specification Stds
Geraniol	106-24-1	≤ 0.1	Restriction Stds (QRA cat.)
Eugenol	97-53-0	≤ 0.1	Restriction Stds (QRA cat.)
Citronellol	106-22-9	≤ 0.1	Restriction Stds (QRA cat.)
Benzaldehyde	100-52-7	≤ 0.1	Restriction Stds (QRA cat.)
Methyl Eugenol from Naturals	93-152	≤ 0.1	Restriction Stds (non QRA)
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Trans-2-Hexanal	6728-26-3	≤ 0.1	Restriction Stds (QRA cat.)

IFRA Classes	% Maximum Use Level
IFRA Class 1.A, 1.B	0.4
IFRA Class 2	0.4

IFRA Class 3.A , 3.B	1.0
IFRA Class 3.C, 3.D	0.4
IFRA Class 4.A , 4.B, 4.D	1.0
IFRA Class 4.C	0.4
IFRA Class 5	1.0
IFRA Class 6	1.0
IFRA Class 7.A , 7.B	1.0
IFRA Class 8.A , 8.B	1.0
IFRA Class 9.A , 9.B, 9.C	1.0
IFRA Class 10.A	1.0
IFRA Class 10.B	0.4
IFRA Class 11.A	20.0
IFRA Class 11.B	1.0

Finished product types	IFRA class
Toys; Lip Products of all types (solid and liquid lipsticks, balms, clear or colored etc)	Class 1
Deodorant and Antiperspirant products of all types (spray, stick, roll-on, under-arm and body etc)	Class 2
Hydroalcoholic products applied to recently shaved skin (EdT range)	Class 3.A
Hydroalcoholic products applied to recently shaved skin (fine fragrance range)	Class 3.B
Eye Products of all types (eye shadow, mascara, eyeliner, eye make-up, etc) including eye cream. Men's Facial Creams and Balms	Class 3.C
Tampons.	Class 3.D
Hydroalcoholic Products applied to unshaved skin (EdT range). Ingredients of Perfume Kits. Scent Strips for Hydroalcoholic Products, "scratch and sniff", other paper products not mentioned elsewhere for which skin exposure is only incidental (e.g. spectacle cleaning tissues).	Class 4.A
Hydroalcoholic Products applied to unshaved skin (Fine Fragrance range).	Class 4.B
Hair Styling Aids and Hair Sprays of all types (pumps, aerosol sprays, etc); Hair Deodorant. Body Creams, Oils, Lotions of all types (including baby creams, lotions, oils). Fragrance Compounds for Cosmetic Kits, Foot Care Products	Class 4.C
Fragrancing Cream	Class 4.D
Women's Facial Creams/Facial Make-up (excluding eye cream); Facial Masks; Hand Cream Wipes or refreshing tissues for Face, Neck, Hands, Body.	Class 5
Mouthwash, Toothpaste.	Class 6
Intimate Wipes; Baby Wipes.	Class 7 A
Insect Repellent (intended to be applied to the skin).	Class 7 B

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Make-up Removers of all types (not including face cleansers). Hair Styling Aids Non-Spray of all types (mousse, gels, leave-in conditioners etc). Nail Care. All Powders & Talcs (including baby powders and talcs).	Class 8
Liquid Soap, Bar Soap (toilet soap); Depilatory; Conditioner (rinse-off), Shampoos of all types (including baby shampoos). Face Cleansers of all types (washes, gels, scrubs, etc). Shaving Creams of all types (stick, gels, foams, etc). Body Washes of all types (including baby washes). Shower Gels of all types; Bath Gels, Foams, Mousses, Salts, Oils and other products added to bathwater	Class 9.A
Feminine hygiene pads / liners.	Class 9.B
Other' Aerosols (including air fresheners sprays but not including deodorant/antiperspirants, hair styling aids spray).	Class 9.C
Hand wash/Machine wash Laundry Detergents of all types (liquid, powder, tablet, etc) including Laundry Bleaches.  Other Household Cleaning Products (fabric cleaners, soft surface cleaners, carpet cleaners etc). Dry Cleaning Kits.  Fabric Softeners of all types including fabric softener sheets. Hand Dishwashing Detergent. Hard Surface Cleaners of all types (bathroom and kitchen cleansers, furniture polish etc). Shampoos for pets	Class 10.A
Diapers. Toilet seat wipes.	Class 10.B
All non-skin contact, including: Air Fresheners and fragrancing of all types (excluding aerosol products): plug-ins, solid substrate, membrane delivery; Toilet blocks; Joss Sticks, Incense; Insecticides (mosquito coil, paper, electrical, etcexcluding aerosols); Plastic articles (excluding toys); Candles; Fuels; Paints; Floor wax; Liquid refills for air fresheners (cartridge system)	Class 11.A
All incidental skin contact, including:  Machine Dish wash Detergents and Deodorizers. Machine only Laundry Detergents (e.g. liquitabs).  Deodorizers/Maskers (e.g. fabric drying machine deodorizers, carpet powder). Pot pourri, fragrancing sachets, liquid refills for air fresheners (non-cartridge systems), etc Shoe polishes; Cat Litter; Animal Sprays (excluding aerosols); Treated Textiles (e.g. starch sprays, fabric treated with fragrances after wash, deodorizers for textiles or fabrics, tights with moisturizers); Odored Distilled Water (that can be added to steam irons).	Class 11.B



#### **Material Safety Data Sheet**

**EU Regulation: 1907/2006** 

SECTION 1: IDENTIFICATION OF	THE SURSTANCE	/MIXTURE A	ND OF THE COMPANY	/UNDERTAKING	
DECITOR 1. IDENTIFICATION OF	THE SOUSTAINCE	/ MIXIOKE A	NO OT THE COMPANY	ONDERTARINO	
1.1 PRODUCT IDENTIFICATION					
PRODUCT NAME	Rosemary (Cineol),	, ESSENTIAL ORGA	NIC		
BIOLOGICAL DEFINITION	ROSMARINUS OFFICINALIS LEAF OIL IS THE ESSENTIAL OIL OBTAINED FROM THE FLOWERING TOPS AND LEAVES OF THE ROSEMARY, ROSMARINUS OFFICINALIS L., LAMIACEAE.				
INCI NAME	ROSMARINUS OFFICINALIS LEAF				
SYNONYMS & TRADE NAMES	-				
INTERNAL PRODUCT CODE					
CAS-No	84604-14-8 / 8000-25-7	EC No.	283-291-9	EINECS No.	283-291-9
1.2 DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET					
COMPANY ADDRESS	Madar Corporation Limited 19 - 20 Sandleheath Industrial Estate, Fordingbridge, SP6 1PA				
EMAIL	technical@madarcorporation.co.uk				
1.3  DETAILS OF THE SUPPLIER OF THE SAFETY DAT	1.3 DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET				
EMERGENCY CONTACTS	01425 655 555				



SECTION 2: HAZARDS IDENTIFICATION			
2.1 CLASSIFICATION OF THE SUBSTANCE OR MIXTURE	THE FULL TEXT FOR ALL HAZARD STATEMENTS IS DISPLAYED IN SECTION 16.		
CLASSIFICATION (67/548/EEC)	THE FULL TEXT FOR ALL R-PHRASES AND HAZARD STATEMENTS ARE DISPLAYED IN SECTION 16.		
CLASSIFICATION (EU1272/2008)	PHYSICAL AND CHEMICAL HAZARDS:  FLAMMABLE LIQUID, CATEGORY 3 (FLAM. LIQ. 3, H226).  HUMAN HEALTH:  ASPIRATION HAZARD, CATEGORY 1 (ASP. TOX. 1 – H304).  SKIN IRRITATION, CATEGORY 2 (SKIN IRRIT. 2, H315).  SKIN SENSITISATION, CATEGORY 1 (SKIN SENS. 1, H317).  SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE), CATEGORY 2 (STOT SE 2, H371).  ENVIRONMENT:  HAZARDOUS TO THE AQUATIC ENVIRONMENT - CHRONIC HAZARD CATEGORY 1 (AQUATIC CHRONIC 1, H410).		
2.2 LABEL ELEMENTS	LABEL IN ACCORDANCE WITH REGULATION (EC) NO 1272/2008.		
GHS LABEL	GHS07 GHS08 GHS09 GHS02		
Signal Word	Danger.		
CONTAINS	ALPHA-PINENE, BETA-PINENE, BETA-CARYOPHYLLENE, MYRCENE		
HAZARDS STATEMENT	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. H371 May cause damage to organs (if swallowed). H410 Very toxic to aquatic life with long lasting effects.		
Precautionary Statements	P501 DISPOSE OF CONTENTS IN ACCORDANCE WITH LOCAL, STATE OR NATIONAL LEGISLATION. P261 AVOID BREATHING DUST/FUME/GAS/MIST/VAPOURS/SPRAY. P321 SPECIFIC TREATMENT (SEE MEDICAL ADVICE ON THIS LABEL). P333+P313 IF SKIN IRRITATION OR RASH OCCURS: GET MEDICAL ADVICE/ATTENTION. P362+P364 TAKE OFF CONTAMINATED CLOTHING. AND WASH IT BEFORE REUSE. P302+P352 IF ON SKIN: WASH WITH PLENTY OF WATER. P308+P311 IF EXPOSED OR CONCERNED: CALL A POISON CENTER/DOCTOR. P273 AVOID RELEASE TO THE ENVIRONMENT. P391 COLLECT SPILLAGE.		
SUPPLEMENTARY PRECAUTIONARY STATEMENTS	P264 WASH HANDS AND EXPOSED SKIN THOROUGHLY AFTER HANDLING. P332+P313 IF SKIN IRRITATION OCCURS: GET MEDICAL ADVICE/ATTENTION		
2.3 OTHER HAZARDS	SECTION 16 (OTHER INFORMATION): RISK & SAFETY PHRASES IN FULL.		
Adverse Physio-Chemical properties	NO DATA		
Adverse effects on human health	MAY BE HARMFUL IN CONTACT WITH SKIN.		
PBT OR VPVB ACCORDING TO ANNEX XIII	THE SUBSTANCE DOES NOT SATISFY THE PBT OR VPVP CRITERIA IN ACCORDANCE WITH ANNEXE XIII OF THE REACH REGULATIONS EC 1907/2006.		
CECTION O. Commence of the com			
SECTION 3: COMPOSITION OF INGREDIEN	TS		
3.2 SUBSTANCE	<b>45.0 – 55.0% 1,8-Cineole</b> CAS No: 470-82-6 EC No: 207-431-5 Classification (EC 1272/2008) Flam. Liq. 3 – H226, Skin Sens. 1 -H317		
	10.0 -15.0% ALPHA-PINENE CAS NO: 80-56-8 EC NO: 201-291-9		



Classification (EC 1272/2008) Flam. Liq. 3 – H226, Acute Tox. 4 – H302, Asp. Tox. 1 – H304, Skin Irrit. 2 – H315, Skin Sens. 1 – H317, Aquatic Acute 1 – H400, Aquatic Chronic 1 H410

**5.0 – 10.0% BETA-PINENE** CAS NO: 127-91-3 EC NO: 204-872-5

Classification (EC 1272/2008) Flam. Liq. 3-H226, Asp. Tox. 1-H304, Skin Irrit. 2-H315, Skin Sens. 1-H317, Aquatic Acute 1-H400, Aquatic Chronic 1-H410

10.0 - 15% CAMPHOR CAS NO: 76-22-2 EC NO: 200-945-0

CLASSIFICATION (EC 1272/2008) FLAM. SOL. 2 – H228, ACUTE TOX. 4 H332, STOT SE 2 – H371

**<4.0% LIMONENE** CAS NO: 5989-54-8 EC NO: 227-815-6

CLASSIFICATION (EC 1272/2008) FLAM. LIQ. 3-H226, SKIN IRRIT. 2-H315, SKIN SENS. 1-H317, AQUATIC ACUTE 1-H400, AQUATIC CHRONIC 1-H410

1.0 - 5.0% CAMPHENE CAS No: 79-92-5 EC No: 201-234-8

CLASSIFICATION (EC 1272/2008) FLAM. SOL. 1-H228, EYE IRRIT. 2-H319, AQUATIC ACUTE 1-H400, AQUATIC CHRONIC 1-H410

1.0 - 5.0% BETA-CARYOPHYLLENE CAS NO: 87-44-5 EC NO: 201-746-1

CLASSIFICATION (EC 1272/2008) ASP. TOX. 1 - H304

**1.0 – 5.0% BORNEOL** CAS NO: 507-70-0 EC NO: 208-080-0 CLASSIFICATION (EC 1 272/2008) FLAM. SOL. 2 - H228

1.0 - 5.0% ALPHA-TERPINEOL CAS NO: 98-55-5 EC NO: 202-680-6

Classification (EC 1272/2008) Skin Irrit. 2-H315, Eye Irrit. 2-H319

**1.0 – 5.0% MYRCENE** CAS NO: 123-35-3 EC NO: 204-622-5 CLASSIFICATION (EC 1272/2008) FLAM. LIQ. 3 - H226, ASP. TOX. 1 – H304, SKIN IRRIT. 2 – H315, SKIN SENS. 1B – H317, EYE IRRIT. 2 – H319, AQUATIC ACUTE 1 – H400, AQUATIC CHRONIC 1 - H410

SECTION 4: FIRST AID MEASURES		
4.1 DESCRIPTION OF FIRST AID MEASURES		
GENERAL INFORMATION	ALWAYS REMOVE CONTAMINATED CLOTHING IMMEDIATELY.	
INHALATION	GET MEDICAL ATTENTION IMMEDIATELY. REMOVE FROM EXPOSURE SITE TO FRESH AIR, KEEP AT REST, AND OBTAIN MEDICAL ATTENTION.	
Ingestion	GET MEDICAL ATTENTION IMMEDIATELY. RINSE MOUTH WITH WATER AND OBTAIN MEDICAL ATTENTION.	
SKIN CONTACT	REMOVE CONTAMINATED CLOTHES. WASH THOROUGHLY WITH SOAP AND WATER. CONTACT PHYSICIAN IF IRRITATION PERSISTS.	
EYE CONTACT	Flush immediately with water for at least 15 minutes. Contact physician if symptoms persist.	
4.2 MOST IMPORTANT SYMPTOMS & EFFECTS (ACUTE & DELAYED)	INHALATION MAY CAUSE COUGHING AND DIFFICULTIES IN BREATHING.  INGESTION IRRITATING TO THE RESPIRATORY TRACT AND MAY CAUSE DAMAGE TO THE CENTRAL NERVOUS SYSTEM.  SKIN CONTACT TOXIC IN CONTACT WITH SKIN.  EYE CONTACT MAY CAUSE EYE IRRITATION.	
4.3 INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION OR SPECIAL TREATMENT REQUIRED	None expected, see Section 4.1 for further information.	



5.1 Extinguishing material	FOAM, CO2, DRY CHEMICAL POWDER.
5.2 Special hazards arising from the substance Or mixture	Burning produces irritating, toxic and obnoxious fumes
5.3 Advice for fire-fighters	SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS:  WEAR POSITIVE-PRESSURE SELF-CONTAINED BREATHING APPARATUS (SCBA) AND APPROPRIATE PROTECTIVE CLOTHING.
SECTION 6: ACCIDENTAL RELEASE MEASUR	RES
6.1 Personal precautions	Ensure adequate ventilation of the working area, evacuate personnel to safe area, wear suitable protective equipment. No smoking, sparks, flames or other sources of ignition near spillage. Avoid contact with skin, eyes and clothing.
6.2 Environmental precautions	DO NOT DISCHARGE INTO DRAINS, WATER COURSES OR ONTO THE GROUND. DISPOSE OF IN LINE WITH LOCAL AUTHORITY GUIDELINES.
6.3 Methods & 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 REFERENCES TO OTHER SECTIONS	REFER & CONSIDER SECTION 8. REFER & CONSIDER SECTION 13.
SECTION 7: HANDLING & STORAGE	
	HANDLE IN ACCORDANCE WITH GOOD HYGIENE AND SAFETY PRACTICE. KEEP AWAY FROM HEAT, SPARKS, OPEN FLAMES AND HOT SURFACES NO SMOKING. USE PERSONAL PROTECTIVE EQUIPMENT AS REQUIRED. USE IN ACCORDANCE WITH GOOD MANUFACTURING AND INDUSTRIAL HYGIENE PRACTICES. USE IN AREAS WITH ADEQUATE VENTILATION DO NOT EAT, DRINK OR SMOKE WHEN USING THIS PRODUCT.
7.1 PRECAUTIONS FOR SAFE-HANDLING	SMORE WHEN USING THIS PRODUCT.
·	KEEP THE PRODUCT CONTAINER TIGHTLY CLOSED, IN A DRY, VENTILATED AREA. KEEP AWAY FROM POTENTIAL SOURCES OF IGNITION AND PROTECTED FROM LIGHT. MAINTAIN LIMITED CONTACT WITH OXYGEN.

# MYSTIC MOMENTS

- ACGIH TLV (American Conference of Governmental Industrial Hygienists, Threshold Limit Values,

2010):

CAS TWA: STEL: Ceiling: Definition: Criteria:

76-22-2 2ppm 3 ppm - - -

- France (INRS - ED984 :2008) :

8.1 CAS VME-ppm: VME-mg/m3: VLE-ppm: VLE-mg/m3: Notes: TMP No:

76-22-2 2 12 - - -

- UK / WEL (Workplace exposure limits, EH40/2005, 2007):

CAS TWA: STEL: Ceiling: Definition: Criteria:

76-22-2 2 ppm 3 ppm - - -

8.2 EXPOSURE CONTROLS



EYE PROTECTION	WEAR PROTECTIVE GLOVES/EYE PROTECTION/FACE PROTECTION.	
HAND PROTECTION	WEAR PROTECTIVE GLOVES/EYE PROTECTION/FACE PROTECTION.	
RESPIRATORY EQUIPMENT	NO DATA	
HYGIENE MEASURES	GOOD PERSONAL HYGIENE PRACTICES ARE ALWAYS ADVISABLE, ESPECIALLY WHEN WORKING WITH CHEMICALS / OILS.	
Engineering Measures	None.	
SKIN PROTECTION	WEAR PROTECTIVE CLOTHING TO REDUCE THE RISK OF SKIN AND EYE CONTACT.	
Personal Protection	AVOID INHALATION OF THE PRODUCT. AVOID CONTACT WITH SKIN AND EYES.	
OTHER PROTECTION	WEAR SUITABLE PROTECTION TO AVOID CONTACT WITH SKIN AND EYES. DO NOT INHALE VAPOURS.	
Process Conditions	Ensure area is well ventilated. Avoid vapour inhalation. Safety shower & Eye Bath.	
ENVIROMENTAL EXPOSURE CONTROLS	AVOID DISCHARGING INTO DRAINAGE WATER.	

## SECTION 9: PHYSICAL & CHEMICAL PROPERTIES

9.1 PHYSICAL & CHEMICAL PROPERTIES		
Appearance	CLEAR	
COLOUR	COLOURLESS – PALE YELLOW	
ODOUR	CHARACTERISTIC, CINEOL.	
RELATIVE DENSITY	APPROX 0.910 @ 20°C	
FLASH POINT (°C)	43°C	
REFRACTIVE INDEX @ 20 °C	1.467 @ 20°C	
SOLUBILITY IN WATER @ 20 °C	INSOLUBLE IN WATER	



9.2 Other Information	NO DATA	
SECTION 10: STABILITY & REACTIVITY		
10.1 REACTIVITY	NO HAZARDOUS REACTIONS IF STORED AND HANDLED AS PRESCRIBED / INDICATED.	
10.2 CHEMICAL STABILITY	Stable under suggested storage conditions (<15 $^{\circ}$ C).	
10.3 POSSIBILITY OF HAZARDOUS REACTIONS	No.	
10.4 CONDITIONS TO AVOID	Storage at high temperatures. Do not store above 15°C.	
10.5 INCOMPATIBLE MATERIALS	STRONG OXIDISNING SUBSTANCES.	
10.6 HAZARDOUS DECOMPOSITION PRODUCTS	THIS PRODUCT DOES NOT DECOMPOSE UNDER NORMAL CONDITIONS. UNDER FIRE CONDITIONS THE PRODUCT WILL PRODUCE A MIXTURE OF IRRITATING FUMES & SMOKE & CARBON MONOXIDE.	

11.1 TOXICOLOGICAL EFFECTS	
Acute Toxicity	NO TOXICOLOGICAL DATA AVAILABLE.
SKIN IRRITATION	Causes skin irritation
EYE DAMAGE OR IRRITATION	NO DATA
RESPIRATORY OR SKIN SENSITIVITY	NO DATA
GERM CELL MUTAGENICITY	NO DATA
CARCINOGENICITY	MONOGRAPH(S) FROM THE IARC (INTERNATIONAL AGENCY FOR RESEARCH ON CANCER): CAS 5989-27-5: IARC GROUP 3: THE AGENT IS NOT CLASSIFIABLE AS TO ITS CARCINOGENICITY TO HUMANS.
REPRODUCTIVE TOXICITY	NOT APPLICABLE.
STOT – SINGLE EXPOSURE	NO DATA
STOT - REPEATED EXPOSURE	NOT APPLICABLE.
ASPIRATION HAZARD	MAYBE FATAL IF ENTERS AIRWAVES.
OTHER INFORMATION	NO DATA.
SECTION 12: ECOLOGICAL INFORMATION  12.1 TOXICITY	23 % OF THE MIXTURE CONSISTS OF COMPONENTS(S) OF UNKNOWN HAZARDS TO THE AQUATIC ENVIRONMENT CHEMICAL NAME ALGAE/AQUATIC PLANTS FISH CRUSTACEA D-LIMONENE - 0.619 - 0.796: 96 H PIMEPHALES - PROMELAS MG/L LC50 FLOW-THROUGH 35: 96 H ONCORHYNCHUS MYKISS MG/L
12.1 TOXICITY  12.2 PERSISTENCE & DEGRADABILITY	ENVIRONMENT CHEMICAL NAME ALGAE/AQUATIC PLANTS FISH CRUSTACEA D-LIMONENE - 0.619 - 0.796: 96 H PIMEPHALES - PROMELAS MG/L LC50 FLOW-THROUGH
12.1 TOXICITY	ENVIRONMENT CHEMICAL NAME ALGAE/AQUATIC PLANTS FISH CRUSTACEA D-LIMONENE - 0.619 - 0.796: 96 H PIMEPHALES - PROMELAS MG/L LC50 FLOW-THROUGH 35: 96 H ONCORHYNCHUS MYKISS MG/L
12.1 TOXICITY  12.2 PERSISTENCE & DEGRADABILITY 12.3 BIO- ACCUMULATIVE POTENTIAL 12.4 MOBILITY IN SOIL	ENVIRONMENT CHEMICAL NAME ALGAE/AQUATIC PLANTS FISH CRUSTACEA D-LIMONENE - 0.619 - 0.796: 96 H PIMEPHALES - PROMELAS MG/L LC50 FLOW-THROUGH 35: 96 H ONCORHYNCHUS MYKISS MG/L  NO DATA
12.1 TOXICITY  12.2 PERSISTENCE & DEGRADABILITY  12.3 BIO- ACCUMULATIVE POTENTIAL  12.4	ENVIRONMENT CHEMICAL NAME ALGAE/AQUATIC PLANTS FISH CRUSTACEA D-LIMONENE - 0.619 - 0.796: 96 H PIMEPHALES - PROMELAS MG/L LC50 FLOW-THROUGH 35: 96 H ONCORHYNCHUS MYKISS MG/L  NO DATA NO DATA



SECTION 13: DISPOSAL INFORMATION	
13.1 WASTE TREATMENT METHODS	ALWAYS RECOVER SPILLED PRODUCT. DISCARD WASTE MATERIAL WITH AUTHORIZED WASTE MANAGEMENT SERVICES. ACT IN ACCORDANCE WITH LOCAL & NATIONAL WASTE REGULATIONS.

SECTION 14: TRANSPORT INFORMATION		
14.1 Transport Information		
UN NUMBER	ROAD: 1169 RAIL: 1169 AIR: 1169	
14.2 UN Shipping Name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID N.O.S.	
14.3 TRANSPORT HAZARD CLASS(ES)	ADR/RID/ADN CLASS 3 IMDG CLASS ICAO CLASS/DIVISION 3	3
14.4 Packing Group	ADR/RID/ADN PACKING GROUP IMDG PACKING GROUP ICAO PACKING GROUP	     
14.5 Enviromental Hazards	ENVIRONMENTALLY HAZARDOUS SUE	BSTANCE/MARINE POLLUTANT.
14.6 SPECIAL PRECAUTIONS FOR USER	EMS EMERGENCY ACTION CODE HAZARD NO. (ADR) TUNNEL RESTRICTION CODE	F-E,S-D F1 90 Environmentally hazardous substance. (D/E)
14.7 TRANSPORT IN BULK ACCORDING TO ANNEX II OF MARPOL73/78 & THE IBC CODE.	EMS: F-A,S-F	
SECTION 15: REGULATORY INFORMATION		
15.1 PRODUCT SPECIFIC SAFETY, HEALTH & ENVIRONMENTAL REGULATIONS &		



LEGISLATION	
	REGULATION (EC) NO 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL OF 18 <sup>TH</sup> DECEMBER 2006. CONCERNING THE REGISTRATION, EVALUATION, AUTHORIZATION & RESTRICTION OF CHEMICALS (REACH), ESTABLISHING A EUROPEAN CHEMICALS AGENCY, AMENDING DIRECTIVE
EU DIRECTIVES	1999/45/EC AND REPEALING COUNCIL REGULATION (EEC) NO793/93 & COMMISSION REGULATION (EC) NO1488/94 AS WELL AS COUNCIL DIRECTIVE 76/769/EEC & COMMISSION DIRECTIVE 91/155/ECC, 93/67/ECC, 93/105/EEC & 2000/21/EC (INCLUDING AMENDMENTS).
STATUTORY INSTRUMENTS	THE CHEMICALS (HAZARD INFORMATION & PACKAGING FOR SUPPLY REGULATIONS 2009 (S.I. 2009 NO 716).
Approved Code of Practice	CLASSIFICATION & LABELLING OF SUBSTANCES & PREPARATIONS DANGEROUS FOR SUPPLY. SAFETY DATA SHEETS FOR SUBSTANCES & PREPARATIONS.
GUIDANCE NOTES	WORKPLACE EXPOSURE LIMITS EH40. CHIP FOR EVERYONE HSG 108.
15.2 CHEMICAL SAFETY ASSESSMENT	-

SECTION 16: OTHER INFORMATION	
Hazard and/ or Precautionary Statements in full	H226 FLAMMABLE LIQUID AND VAPOUR. H228 FLAMMABLE SOLID. 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. H371 MAY CAUSE DAMAGE TO ORGANS. H400 VERY TOXIC TO AQUATIC LIFE. H410 VERY TOXIC TO AQUATIC LIFE WITH LONG LASTING EFFECTS.
TRAINING INSTRUCTIONS: REFER TO POSSIBLE HAZARD BEFORE USE OF THIS PRODUCT.	
ABBREVIATIONS & ACRONYMS:	
MSDS	MATERIAL SAFETY DATA SHEET.
INCI	INTERNATIONAL NOMENCLATURE OF COSMETIC INGREDIENTS.
CAS	CHEMICAL ABSTRACT SERVICE.
IMDG	International Maritime code for Dangerous Goods.
ADR	ACCORD EUROPEAN SUR LE TRANSPORT DES MERCHANDISES DANGEREUSES PAR ROUTE (EUROPEAN AGREEMENT CONCERNING THE INTERNATIONAL CARRIAGE OF DANGEROUS GOODS BY ROAD).
RID	International Carriage of Dangerous Goods by Rail.
ICAO	International Civil Aviation Organization.
ADN	International Carriage of Dangerous Goods by Inland Waterways.
GHS	GLOBALLY HARMONIZED SYSTEM OF CLASSIFICATION & LABELLING OF CHEMICALS.
TREM CARD	TRANSPORT EMERGENCY CARD.
STOT	Specific Target Organ Toxicity.

DOCUMENTATION REVISION	
DATE	CHANGE DESCRIPTION
10 <sup>TH</sup> APRIL 2018	Data Launch



## **SPECIFICATION SHEET**

PRODUCT NAME: ROSEMARY (CINEOL), ESSENTIAL OIL ORGANIC

PRODUCT INCI: ROSMARINUS OFFICINALIS LEAF

PRODUCT CODE: K0398

CAS NUMBER: 84604-14-8 / 8000-25-7

EINECS NUMBER: 283-291-9

MANUFACTURING METHOD: STEAM DISTILLED

SHELF LIFE / BEST BEFORE: 24 MONTHS

ANALYTICAL DETAILS	RANGE
Appearance	LIQUID
COLOUR	COLOURLESS — PALE YELLOW
Odour	Characteristic, Rose
SPECIFIC GRAVITY @ 20°C	0.900 – 0.920
Refractive Index @ 20°C	1.460 – 1.475
OPTICAL ROTATION (°C)	-2.0 to +6.0

#### STORAGE CONDITIONS

STORE IN A COOL DRY PLACE AWAY FROM HEAT & SUNLIGHT

**DOCUMENTATION REVIEW DATE:** 

24<sup>TH</sup> MAY 2018



#### **Vegetarian & Vegan Suitability Statement**

PRODUCT NAME: Rosemary Spanish Organic

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.

16/07/2020