



CERTIFICATE OF ANALYSIS

PRODUCT NAME: ROSEMARY SPANISH (CAMPHOR), ESSENTIAL OIL

PRODUCT INCI: ROSMARINUS OFFICINALIS LEAF OIL

PRODUCT CODE: OEROSSPAN

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

EINECS NUMBER: 283-291-9

MANUFACTURING METHOD: STEAM DISTILLED

ANALYTICAL DETAILS	RANGE	RESULTS
APPEARANCE	LIQUID	-
COLOUR	COLOURLESS – PALE YELLOW	-
ODOUR	CHARACTERISTIC, ROSE	-
SPECIFIC GRAVITY @ 20°C	0.892– 0.910	0.899
REFRACTIVE INDEX @ 20°C	1.464 – 1.472	1.46943
OPTICAL ROTATION (°C)	-5.0 TO +12.0	-2.0

STORAGE CONDITIONS

STORE IN A COOL DRY PLACE AWAY FROM HEAT & SUNLIGHT

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Allergen Declaration:

PRODUCT NAME: ROSEMARY (SPANISH), ESSENTIAL OIL

INCI: ROSMARINUS OFFICINALIS LEAF

COSMETIC ALLERGENS

The Following is from the 7th amendment of the cosmetic directive of the European Union Annex III.

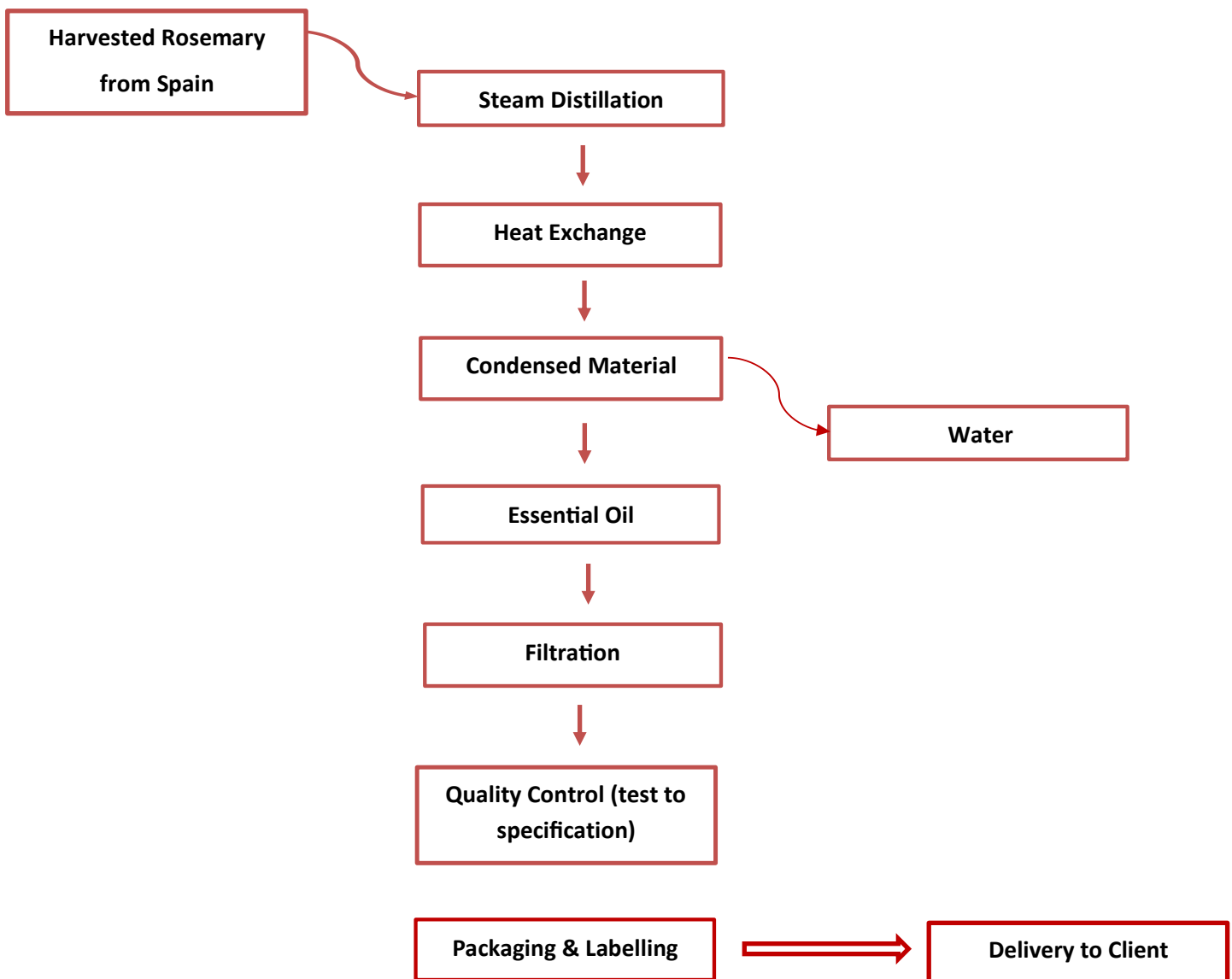
Annex IIIa Reference:		CAS NUMBER:	TOTAL ALLERGEN INCLUSION (%):
67	AMYL CINNAMAL	122-40-7	0.00
68	BENZYL ALCOHOL	100-51-6	<0.1
69	CINNAMYL ALCOHOL	104-54-1	0.00
70	CITRAL	5392-40-5	0.00
71	EUGENOL	97-53-0	<0.1
72	HYDROXY-CITRONELLAL	107-75-5	0.00
73	ISOEUGENOL	97-54-1	0.00
74	AMYL CIN-NAMYL ALCOHOL	101-85-9	0.00
75	BENZYL SALICYLATE	118-58-1	<0.1
76	CINNAMAL	104-55-2	0.00
77	COUMARIN	91-64-5	0.00
78	GERANIOL	106-24-1	<0.1
79	HYDROXY- METHYLPENTYL CYCLOHEXENECARBOXYALDEHYDE	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	<0.4
85	BENZYL BENZOATE	120-51-4	<0.1
86	CITRONELLOL	106-22-9	<0.1
87	HEXYL CINNAM-ALDEHYDE	101-86-0	0.00
88	LIMONENE	5989-27-5	<6.5
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



Composition Statement & Manufacturing Flow Chart

Rosemary Spanish,Essential oil

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



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GMO STATEMENT
ROSEMARY SPANISH

MADAR Corporation Limited does not knowingly or intentionally use GMO derived materials (according to EC Regulation 1829/2003 and 1830/2003).

Our supplier for this product has a policy to only manufacture and sell products that are GMO free within the current limits of detection and in the knowledge that adventitious contamination cannot be excluded.



IFRA STATEMENT

PRODUCT NAME: ROSEMARY (SPANISH), ESSENTIAL OIL

PRODUCT INCI: ROSMARINUS OFFICINALIS LEAF

PRODUCT CODE: OEROSESPAN

CASNUMBER: 84604-14-8 / 8000-25-7

EINECSNUMBER: 283-291-9

MANUFACTURING METHOD: STEAM DISTILLED

SHELF LIFE / BEST BEFORE: 24 MONTHS

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 48TH AMENDMENT OF THE IFRA CODE OF PRACTICE:

Restricted Component	Cas No:	% Level in Product	IFRA Standard
Limonene	5989-27-5	≤ 6.5	Specification Stds
Linalool	78-70-6	≤ 0.4	Specification Stds
Geraniol	106-24-1	≤ 0.1	Restriction Stds (QRAcat.)
Eugenol	97-53-0	≤ 0.1	Restriction Stds (QRAcat.)
Benzyl Benzoate	120-51-4	≤ 0.1	Restriction Stds (QRAcat.)
Benzyl Alcohol	100-51-6	≤ 0.1	Restriction Stds (QRAcat.)
Citronellol	106-22-9	≤ 0.1	Restriction Stds (QRAcat.)
Benzyl Salicylate	118-58-1	≤ 0.1	Restriction Stds (QRAcat.)
Benzaldehyde	100-52-7	≤ 0.1	Restriction Stds (QRAcat.)
Carvone	99-49-0	≤ 0.1	Restriction Stds (non QRA)
Methyl Eugenol from Natural	93-152	≤ 0.1	Restriction Stds (non QRA)
Perilla Aldehyde	2111-75-3	≤ 0.1	Restriction Stds (non QRA)
Estragole	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 (QRAcat.)



IFRA Classes	% Maximum Use Level
IFRA Class 1	0.4
IFRA Class 2	0.4
IFRA Class 3.A	1.0
IFRA Class 3.B	1.0
IFRA Class 3.C	0.4
IFRA Class 3.D	0.4
IFRA Class 4.A	1.0
IFRA Class 4.B	1.0
IFRA Class 4.C	0.4
IFRA Class 4.D	1.0
IFRA Class 5	0.4
IFRA Class 6	Not Approved.
IFRA Class 7.A	0.4
IFRA Class 7.B	0.4
IFRA Class 8.A	0.4
IFRA Class 8.B	1.0
IFRA Class 9.A	1.0
IFRA Class 9.B	2.0
IFRA Class 9.C	2.0
IFRA Class 10.A	2.0
IFRA Class 10.B	0.4
IFRA Class 11.	10.0



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 (EdTrange)	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 (EdTrange). 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
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,	Class 11.A



etc...excluding aerosols); Plastic articles (excluding toys); Candles; Fuels; Paints; Floor wax; Liquid refills for air fresheners (cartridge system)	
All incidental skin contact, including: Machine Dishwash Detergents and Deodorizers. Machine only Laundry Detergents (e.g. liquid tabs). Deodorizers/Maskers (e.g. fabric drying machine deodorizers, carpet powder). Pot pourri, fragrances 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





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Material Safety Data Sheet

EU Regulation: 1907/2006

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING					
1.1 PRODUCT IDENTIFICATION					
PRODUCT NAME	ROSEMARY (SPANISH), ESSENTIAL				
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	-				
PRODUCT CODE	OEROSESPAN				
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, HAMPSHIRE, SP6 1PA				
EMAIL	SALES@MADARCORPORATION.CO.UK				
1.3 DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET					
EMERGENCY CONTACTS	01425 655555				

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	EC 207-431-5 EUCALYPTOL EC 201-291-9 ALPHA-PINENE EC 200-945-0 CAMPHOR EC 204-872-5 B-PINENE EC 227-815-6 L-LIMONENE EC 205-341-0 DL-LIMONENE (RACEMIC) EC 201-746-1 BETA-CARYOPHYLLENE EC 202-794-6 G-TERPINENE EC 202-796-7 PARA-CYMENE EC 227-813-5 D-LIMONENE EC 236-719-3 DELTA-3-CARENE EC 209-578-0 TERPINOLENE
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
SECTION 16 (OTHER INFORMATION): RISK & SAFETY PHRASES IN FULL.	



2.3 OTHER HAZARDS	
ADVERSEPHYSIO-CHEMICAL PROPERTIES	NO DATA
ADVERSEEFFECTSON HUMAN HEALTH	MAY BE HARMFUL IN CONTACT WITH SKIN.
PBT OR VPV B ACCORDING TO ANNEX XIII	THE SUBSTANCE DOES NOT SATISFY THE PBT OR VPV P CRITERIA IN ACCORDANCE WITH ANNEXE XIII OF THE REACH REGULATIONS EC 1907/2006.

SECTION 3: COMPOSITION OF INGREDIENTS

3.2 SUBSTANCE	25 - 50% 1,8-CINEOLE	CAS: 470-82-6	EC: 207-431-5
	Classification (EC 1272/2008)	GHS02, GHS07	Wng Flam. Liq. 3, H226, Skin Sens. 1B, H317
	10 - 25% Alpha-Pinene	CAS: 80-56-8	EC: 201-291-9
	Classification (EC 1272/2008)	GHS08, GHS02, GHS07, GHS09	Dgr Asp. Tox. 1, H304, Flam. Liq. 3, H226, Skin Irrit. 2, H315 Skin Sens. 1B, H317, Aquatic Acute 1, H400, M Acute = 1 Aquatic Chronic 1, H410, M Chronic = 1
	9 - 15% CAMPHOR	CAS: 76-22-2	EC: 200-945-0
	Classification (EC 1272/2008)	GHS08, GHS02, GHS07	Wng Acute Tox. 4, H332, Acute Tox. 4, H302, Flam. Sol. 2, H228 STOT SE 2, H371
	2.5 - 10% Beta Pinene	CAS: 127-91-3	EC: 204-872-5
	Classification (EC 1272/2008)	GHS08, GHS02, GHS07, GHS09	Dgr Flam. Liq. 3, H226, Asp. Tox. 1, H304, Skin Irrit. 2, H315 Skin Sens. 1B, H317, Aquatic Acute 1, H400, M Acute = 1 Aquatic Chronic 1, H410, M Chronic = 1
	2.5 - 5% CAMPHENE	CAS: 79-92-5	EC: 201-234-8
	Classification (EC 1272/2008)	GHS02, GHS07, GHS09	Wng Eye Irrit. 2, H319, Flam. Sol. 2, H228, Aquatic Acute 1, H400 M Acute = 1, Aquatic Chronic 1, H410, M Chronic = 1
	2.5 - 10% Limonene	CAS: 5989-27-5, EC: 227-813-5	
	Classification (EC 1272/2008)	GHS08, GHS02, GHS07, GHS09	Dgr Asp. Tox. 1, H304, Flam. Liq. 3, H226, Skin Irrit. 2, H315 Skin Sens. 1B, H317, Aquatic Acute 1, H400, M Acute = 1 Aquatic Chronic 1, H410, M Chronic = 1
	<3.0% BETA-CARYOPHYLLENE	CAS: 87-44-5	EC: 201-746-1
	Classification (EC 1272/2008)	GHS08	Danger, Asp. Tox. 1, H304
	<2.5% G-TERPINENE	CAS: 99-85-4	EC: 202-794-6
	Classification (EC 1272/2008)	GHS08, GHS02, Danger	Flam. Liq. 3, H226, Asp. Tox. 1, H304
	<2.5% PARA-CYMENE	CAS: 99-87-6	EC: 202-796-7
	Classification (EC 1272/2008)	HS08, GHS02, GHS09	Dgr Asp. Tox. 1, H304, Flam. Liq. 3, H226, Aquatic Chronic 2, H411



	<2.5% ALPHA-TERPINEOL CAS: 98-55-5, EC: 202-680-6
	Classification (EC 1272/2008) GHS07 Wng Eye Irrit. 2, H319, Skin Irrit. 2, H315
	<2.5% Delta 3 Carene CAS: 13466-78-9 EC: 236-719-3
	Classification (EC 1272/2008) GHS08, GHS02, GHS07 Dgr Asp. Tox. 1, H304, Flam. Liq. 3, H226, Skin Irrit. 2, H315 Skin Sens. 1B, H317
	<2.5% Terpinolene CAS: 586-62-9 EC: 209-578-0
	Classification (EC 1272/2008) GHS08, GHS07, GHS09 Dgr Asp. Tox. 1, H304, Skin Sens. 1B, H317, Aquatic Acute 1, H400 M Acute = 1, Aquatic Chronic 1, H410, M Chronic = 1

SECTION 4: FIRSTAID MEASURES	
4.1	
DESCRIPTION OF FIRSTAID 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.

SECTION 5: FIRE FIGHTING MEASURES	
5.1	
EXTINGUISHING MATERIAL	FOAM, CO ₂ , 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 MEASURES	
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, EYESAND 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																																							
7.1 PRECAUTIONS FOR SAFE-HANDLING	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.																																						
7.2 CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES	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.																																						
7.3 SPECIFIC END USE(S)	NO DATA.																																						
SECTION 8: EXPOSURE CONTROLS & PERSONAL PROTECTION																																							
8.1 CONTROL PARAMETERS	<p>- ACGIH TLV (American Conference of Governmental Industrial Hygienists, Threshold Limit Values, 2010) :</p> <table border="1"> <thead> <tr> <th>CAS</th> <th>TWA :</th> <th>STEL :</th> <th>Ceiling :</th> <th>Definition :</th> <th>Criteria :</th> </tr> </thead> <tbody> <tr> <td>76-22-2</td> <td>2ppm</td> <td>3 ppm</td> <td>-</td> <td>-</td> <td>-</td> </tr> </tbody> </table> <p>- France (INRS - ED984 :2008) :</p> <table border="1"> <thead> <tr> <th>CAS</th> <th>VME-ppm :</th> <th>VME-mg/m3 :</th> <th>VLE-ppm :</th> <th>VLE-mg/m3 :</th> <th>Notes :</th> <th>TMP No :</th> </tr> </thead> <tbody> <tr> <td>76-22-2</td> <td>2</td> <td>12</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> </tbody> </table> <p>- UK / WEL (Workplace exposure limits, EH40/2005, 2007) :</p> <table border="1"> <thead> <tr> <th>CAS</th> <th>TWA :</th> <th>STEL :</th> <th>Ceiling :</th> <th>Definition :</th> <th>Criteria :</th> </tr> </thead> <tbody> <tr> <td>76-22-2</td> <td>2 ppm</td> <td>3 ppm</td> <td>-</td> <td>-</td> <td>-</td> </tr> </tbody> </table>	CAS	TWA :	STEL :	Ceiling :	Definition :	Criteria :	76-22-2	2ppm	3 ppm	-	-	-	CAS	VME-ppm :	VME-mg/m3 :	VLE-ppm :	VLE-mg/m3 :	Notes :	TMP No :	76-22-2	2	12	-	-	-	-	CAS	TWA :	STEL :	Ceiling :	Definition :	Criteria :	76-22-2	2 ppm	3 ppm	-	-	-
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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 & EYEBATH.
ENVIRONMENTAL 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
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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°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 OXIDISING 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.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 TOXICOLOGICAL EFFECTS	
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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 AIRWAYS.
OTHER INFORMATION	NO DATA.



SECTION 12: ECOLOGICAL INFORMATION

12.1 TOXICITY	<p>23 % OF THE MIXTURE CONSISTS OF COMPONENTS(S) OF UNKNOWN HAZARDS TO THE AQUATIC ENVIRONMENT</p> <table border="0"> <tr> <td>CHEMICAL NAME</td> <td>ALGAE/AQUATIC PLANTS</td> <td>FISH</td> </tr> <tr> <td>CRUSTACEA</td> <td></td> <td></td> </tr> <tr> <td>D-LIMONENE</td> <td>-</td> <td>0.619 - 0.796: 96 H PIMEPHALES</td> </tr> <tr> <td>-</td> <td></td> <td>PROMELASMG/L LC50 FLOW-THROUGH 35: 96 H ONCORHYNCHUS MYKISSMG/L</td> </tr> </table>	CHEMICAL NAME	ALGAE/AQUATIC PLANTS	FISH	CRUSTACEA			D-LIMONENE	-	0.619 - 0.796: 96 H PIMEPHALES	-		PROMELASMG/L LC50 FLOW-THROUGH 35: 96 H ONCORHYNCHUS MYKISSMG/L
CHEMICAL NAME	ALGAE/AQUATIC PLANTS	FISH											
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-		PROMELASMG/L LC50 FLOW-THROUGH 35: 96 H ONCORHYNCHUS MYKISSMG/L											
12.2 PERSISTENCE & DEGRADABILITY	NO DATA												
12.3 BIO- ACCUMULATIVE POTENTIAL	NO DATA												
12.4 MOBILITY IN SOIL	NO DATA.												
12.5 RESULTS OF PBT & VPVB ASSESSMENT	NO DATA.												
12.6 OTHER ADVERSE EFFECTS	DO NOT ALLOW PRODUCT TO ENTER STREAMS, SEWERS OR OTHER WATERWAYS.												

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.
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SECTION 14: TRANSPORT INFORMATION

14.1 TRANSPORT INFORMATION	
UN NUMBER	ROAD: 1169 RAIL: 1169 AIR: 1169
14.2 UN SHIPPING NAME	Extracts, Aromatic, Liquid
14.3 TRANSPORT HAZARD CLASS(ES)	ADR/RID/ADN CLASS 3 IMDG CLASS 3 ICAO CLASS/DIVISION 3 
14.4 PACKING GROUP	ADR/RID/ADN PACKING GROUP III IMDG PACKING GROUP III ICAO PACKING GROUP III
14.5 ENVIRONMENTAL HAZARDS	ENVIRONMENTALLY HAZARDOUS SUBSTANCE/MARINE POLLUTANT. 
14.6 SPECIAL PRECAUTIONS FOR USER	EMS F-E,S-D EMERGENCY ACTION CODE F1 HAZARD NO. (ADR) 90 ENVIRONMENTALLY HAZARDOUS SUBSTANCE. TUNNEL RESTRICTION CODE (D/E)
14.7 TRANSPORT IN BULK ACCORDING TO ANNEX II OF MARPOL 73/78 & THE IBC CODE.	EMS: F-A,S-F
SECTION 15: REGULATORY INFORMATION	
15.1 PRODUCT SPECIFIC SAFETY, HEALTH & ENVIRONMENTAL REGULATIONS & LEGISLATION	
EU DIRECTIVES	REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL OF 18 TH DECEMBER 2006. CONCERNING THE REGISTRATION, EVALUATION, AUTHORIZATION & RESTRICTION OF CHEMICALS (REACH), ESTABLISHING A EUROPEAN CHEMICALS AGENCY, AMENDING DIRECTIVE 1999/45/EC AND REPEALING COUNCIL REGULATION (EEC) No 793/93 & COMMISSION REGULATION (EC) No 1488/94 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 MARCHANDISES 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 TH APRIL 2018	DATA LAUNCH



SPECIFICATION SHEET

PRODUCT NAME: ROSEMARY SPANISH (CAMPHOR), ESSENTIAL OIL

PRODUCT INCI: ROSMARINUS OFFICINALIS LEAF

PRODUCT CODE:

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	0.895 – 0.905
REFRACTIVE INDEX @ 20°C	1.465 – 1.467
OPTICAL ROTATION (°C)	+5.0 TO +12.0

STORAGE CONDITIONS

STORE IN A COOL DRY PLACE AWAY FROM HEAT & SUNLIGHT

DOCUMENTATION REVIEW DATE:

24TH MAY 2018

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 with MADAR 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 from MADAR.



Vegetarian & Vegan Suitability Statement

PRODUCT NAME: **Rosemary Oil Spanish**

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