



Certificate of Analysis

PRODUCT DETAILS					
Product Name	ROSEMARY OIL SPANISH ORGANIC				
Product Code	OCROSESPAN				
INCI Name	Rosmarinus Officinalis Leaf Oil				
Batch/Lot Number	4360712				
Best Before End	May 2022				
Identification	CAS No: 84604-14-8	EINECS No: 283-291-9			
	Alternative Cas: 8000-25-7				
PHYSICAL AND CHEMICAL CHARACTERISTIC					
	SPECIFICATION RANGE	RESULTS			
Appearance	Liquid	Conforms			
Colour	Colourless to Pale Yellow	Conforms			
Odour	Characteristic	Conforms			
Relative Density @ 20°c	0.892 - 0.920	0.909			
Refractive Index @ 20°c	1.464 - 1.470	1.467			
Angular Rotation (°)	-2 to +5'	1.1			
MAIN CONSTITUENTS					
CONSTITUENT RANGE	RESULTS	CONSTITUENT RANGE	RESULTS	CONSTITUENT RANGE	RESULTS
1,8 Cineole 38-55%	44.46%	A-Pinene 9-14%	12.55%	Camphor 5-15%	10.75%
B-Pinene 4-9%	7.68%	Camphene 2.5 -6%	4.19%	Beta Caryophyllene 1-4%	3.31%
(S)-p-mentha-1,8-diene 1.5-4.5%	2.55%	p-menth-1-en-8-ol 1-3.5%	1.79%		
STORAGE AND SHELF LIFE					
Storage		Store in tightly closed container with minimum headspace in a cool, dark and dry place.			

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 users responsibility to satisfy himself as to the suitability of such information for his own particular use. Where MADAR Corporation make a declaration that allergenic material are not present in any product, this statement is made assuming reasonable levels of detection. It is impossible to guarantee the "absolute absence" of any material. It is the ultimate responsibility of the customer to ensure the safety of the intended final product containing this material, by carrying out additional tests if necessary.



ALLERGEN DECLARATION

Rosemary Oil Spanish Organic

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.

Ingredient	CAS	EC	Concentration (%)
Benzyl alcohol	100-51-6	202-859-9	0.03%
Benzyl benzoate	120-51-4	204-402-9	0.03%
Benzyl salicylate	118-58-1	204-262-9	0.03%
Eugenol	97-53-0	202-589-1	0.03%
Geraniol	106-24-1	203-377-1	0.03%
Limonene	5989-27-5	227-813-5	2.5%
Linalool	78-70-6	201-134-4	1.5%
dl-Citronellol	106-22-9	203-375-0	0.03%



GMO Statement

Due to current concerns in respect of G.M.O Products, MADAR Corporation Ltd can confirm: Our Rosemary Spanish Organic Essential Oil, is purchased from a supplier who meets our G.M.O free commitment.



IFRA CONFORMITY CERTIFICATE

Rosemary Oil Spanish Organic

We certify that the above item is in compliance with the Standards of the INTERNATIONAL FRAGRANCE ASSOCIATION (IFRA - 48th Amendment / published July 2015), provided it is used in the following classes at a maximum concentration level of:

IFRA classes [see annex for detail]	Maximum level of use (%)
IFRA Class 1 Limit	1.33%
IFRA Class 2 Limit	1.33%
IFRA Class 3.A Limit	3.33%
IFRA Class 3.B Limit	3.33%
IFRA Class 3.C Limit	1.33%
IFRA Class 3.D Limit	1.33%
IFRA Class 4.A Limit	3.33%
IFRA Class 4.B Limit	3.33%
IFRA Class 4.C Limit	1.33%
IFRA Class 4.D Limit	3.33%
IFRA Class 5 Limit	1.33%
IFRA Class 6 Limit	3.33%
IFRA Class 7.A Limit	1.33%
IFRA Class 7.B Limit	1.33%
IFRA Class 8.A Limit	1.33%
IFRA Class 8.B Limit	3.33%
IFRA Class 9.A Limit	3.33%
IFRA Class 9.B Limit	6.66%
IFRA Class 9.C Limit	6.66%
IFRA Class 10.A Limit	6.66%
IFRA Class 10.B Limit	1.33%
IFRA Class 11 Limit	33.33%



Contains the following substances restricted by the current IFRA Standards:-

Ingredient	CAS	Concentration (%)
Benzaldehyde	100-52-7	0.03%
Benzyl alcohol	100-51-6	0.03%
Benzyl benzoate	120-51-4	0.03%
Benzyl salicylate	118-58-1	0.03%
Carvone IFRA	99-49-0, 2244-16-8, 6485-40-1	0.03%
Citronellol	106-22-9, 1117-61-9, 26489-01-0, 6812-78-8, 141-25-3	0.03%
Estragole	140-67-0	0.03%
Eugenol	97-53-0	0.03%
Eugenyl methyl ether	93-15-2	0.03%
Furfural	98-01-1	0.03%
Geraniol	106-24-1	0.03%
Hexen-2-al	6728-26-3	0.03%
p-Mentha-1,8-dien-7-al	2111-75-3	0.03%

The IFRA Standards regarding use restrictions 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 our customer to ensure the safety of the final product (containing this fragrance) by further testing if need be.



ANNEX: Definition of IFRA Classes

Finished product types	IFRA class
Lip Products of all types (solid and liquid lipsticks, balms, clear or colored, etc.); Children's Toys	IFRA Class 1 Limit
Deodorant and Antiperspirant Products of all types including any product with intended or reasonably foreseeable use on the axillae or labelled as such (spray, stick, roll-on, under-arm, deo-cologne and body spray, etc.); Nose pore strips; Fragranced Bracelets	IFRA Class 2 Limit
Hydroalcoholic Products Applied To Recently Shaved Skin (includes After Shave) (Edt range)	IFRA Class 3.A Limit
Hydroalcoholic Products Applied To Recently Shaved Skin (includes After Shave) (Fine fragrance range)	IFRA Class 3.B Limit
Eye Products of all types (eye shadow, mascara, eyeliner, eye make-up, etc.) including eye care; Men's Facial Creams and Balms; Baby Creams, Lotions, Oils; Body Paint for Children	IFRA Class 3.C Limit
Tampons	IFRA Class 3.D Limit
Hydroalcoholic Products applied to unshaved skin (includes aqueous based, alcoholic based and hydroalcoholic) like Cologne, eau de cologne, Eau de Parfum or Parfum (Edt range); Ingredients of Perfume Kits; Scent Pads, Foil packs; Scent Strips for hydroalcoholic products	IFRA Class 4.A Limit
Hydroalcoholic Products applied to unshaved skin (includes aqueous based, alcoholic based and hydroalcoholic) like Cologne, eau de cologne, Eau de Parfum or Parfum (Fine fragrance range)	IFRA Class 4.B Limit
Hair Styling Aids Sprays of all types (pumps, aerosol sprays, etc.); Body Creams, Oils, Lotions of all types (except baby creams, lotions and oils); Body sprays (including Body Mist) with no intended or reasonably foreseeable use on the axillae; Fragrance Compounds for Cosmetic Kits; Foot Care Products; Hair deodorant; Body Paint (except those for children)	IFRA Class 4.C Limit
Fragrancing Cream; Solid perfumes	IFRA Class 4.D Limit
Women's Facial Creams/Facial Make-up; Hand Cream; Hand sanitizers; Facial Masks; Baby Powder and Talc; Hair Permanent and other hair chemical treatments (e.g. relaxers) but not hair dyes; Wipes or Refreshing Tissues for Face, Neck, Hands, Body; Dry Shampoo or Waterless Shampoo	IFRA Class 5 Limit
Mouthwash, including Breath Sprays; Toothpaste	IFRA Class 6 Limit
Intimate Wipes; Baby Wipes	IFRA Class 7.A Limit
Insect Repellent (intended to be applied to the skin)	IFRA Class 7.B Limit
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; Powders and talcs, all types (except baby powders and talcs)	IFRA Class 8.A Limit
Hair Dyes	IFRA Class 8.B Limit
Conditioner (Rinse-Off); Liquid Soap; 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.); All Depilatories (including waxes for mechanical hair removal); Body Washes of all types (including baby washes) and Shower Gels of all types; Bar Soap (Toilet Soap); Bath Gels, Foams, Mousses, Salts, Oils and Other Products added to bathwater	IFRA Class 9.A Limit
Feminine hygiene - pads, liners; Toilet paper; Wheat bags	IFRA Class 9.B Limit
Facial tissues; Napkins; Paper towels; Other Aerosols (including air freshener sprays and air freshener pump sprays, but not including deodorants/antiperspirants, hair styling aids sprays); Fragranced Face Masks (not intended to be used as medical device)	IFRA Class 9.C Limit
Handwash Laundry Detergents of all types including concentrates; Fabric Softeners of all types including fabric softener sheets; Household Cleaning Products, Other Types (fabric cleaners, soft surface cleaners, carpet cleaners, etc.); Machine Wash Laundry Detergents (liquids, powders, tablets, etc.) including laundry bleach and concentrates; Hand Dishwashing Detergent including concentrates; Hard Surface Cleaners of all types (bathroom and kitchen cleansers, furniture polish, etc.); Shampoos for pets; Dry cleaning kits; Scented gloves, socks, tights with moisturizers	IFRA Class 10.A Limit
Diapers; Toilet seat wipes	IFRA Class 10.B Limit
All non-skin contact or incidental skin contact including: Candles; Air Fresheners and Fragrancing of all types (concentrated aerosol with metered doses (range 0.05-0.5mL/spray), plug-ins, solid substrate, membrane delivery, electrical); Air Delivery Systems; Cell phone cases; Pot pourri, powders, fragrancing sachets, liquid refills for air fresheners (non-cartridge systems), Reed diffusers; Liquid refills for air fresheners (cartridge systems); Shoe Polishes; Deodorizers/Maskers not intended for skin contact (e.g. fabric drying machine deodorizers, carpet powders); Insecticides (mosquito coil, paper, electrical, for clothing etc.) excluding aerosols; Scent delivery system using a dry air technology that releases a fragrance without sprays, aerosols or heated oils (technology of nebulization); Air freshening crystals; Toilet Blocks; Joss Sticks or Incense Sticks; Machine Dishwash Detergent and Deodorizers; Machine-only Laundry Detergent (e.g. liquid tabs); Plastic articles (excluding toys); Fuels; Fragranced lamp ring; Scent pack; Scratch and Sniff (sampling technology); Paints; Cat litter; Animal sprays (all types); Treatment products for textiles (e.g. starch sprays, fabric treated with fragrances after wash, deodorizers for textiles or fabrics); Floor wax; Odored Distilled Water (that can be added to steam irons)	IFRA Class 11 Limit

SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

Product: Rosemary Oil Spanish Organic

Version: 4

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

1.1 Product Identifier

Product identifier: Rosmarinus Officinalis (Rosemary) Leaf Oil; CAS: 84604-14-8

Other identifiers: Rosemary Oil

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

Product uses: Flavours, Fragrances, Cosmetics

1.3 Details of the supplier of the safety data sheet

Company name: MADAR Corporation Ltd

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

Approved sellers: Cosmetic Butters, Mystic Moments, New Directions, World of Moulds

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

Company phone: +44 (0) 1425 655555

1.4 Emergency telephone number

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
Specific Target Organ Toxicity (Single Exposure) 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.
H371, May cause damage to organs (organs, exposure route).

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

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

SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

Product: Rosemary Oil Spanish Organic

Version: 4

Class and category of danger: H410, Very toxic to aquatic life with long lasting effects.

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.
H371, May cause damage to organs (organs, exposure route).
H410, Very toxic to aquatic life with long lasting effects.

M factor: None

Supplemental Information: None

Precautionary statements: P210, Keep away from heat, sparks, open flames and hot surfaces. - No smoking.
P233, Keep container tightly closed.
P240, Ground/bond container and receiving equipment.
P241, Use explosion-proof electrical, ventilating and lighting equipment.
P242, Use only non-sparking tools.
P243, Take precautionary measures against static discharge.
P260, Do not breathe vapour or dust.
P264, Wash hands and other contacted skin thoroughly after handling.
P270, Do not eat, drink or smoke when using this product.
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. Rinse skin with water/shower.
P305/351/338, IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P309/311, IF exposed or if you feel unwell: Call a POISON CENTRE or doctor/physician.
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.
P362, Take off contaminated clothing and wash before reuse.
P370/378, In case of fire: Use carbon dioxide, dry chemical, foam for extinction.
P391, Collect spillage.

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In accordance with REACH Regulation EC No.1907/2006

Product: Rosemary Oil Spanish Organic

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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.

Pictograms:



Other hazards: None

Section 3. Composition / information on ingredients

3.1 Substances

Product identifier: Rosmarinus Officinalis (Rosemary) Leaf Oil; CAS: 84604-14-8

Contains:

Name	CAS	EC	REACH Registration No.	%	Classification for (CLP) 1272/2008
Eucalyptol	470-82-6	207-431-5		20-<50%	FL 3-SS 1B;H226-H317,-
alpha-Pinene	80-56-8	201-291-9		20-<50%	FL 3-SCI 2-SS 1B-AH 1-EH A1-EH C1;H226-H304-H315-H317-H410,-
dl-Camphor	21368-68-3	244-350-4		20-<50%	FS 2-ATO 4-ATI 4-STO-SE 2;H228-H302-H332-H371,-
Camphene	79-92-5	201-234-8		10-<20%	FL 3-FS 2-EDI 2-EH A1-EH C1;H226-H228-H319-H410,-
1,7,7-Trimethylbicyclo [2.2.1]heptan-2-one	76-22-2	200-945-0		5-<10%	FS 2-ATO 4-ATI 4-STO-SE 2;H228-H302-H332-H371,-
beta-Pinene	127-91-3	204-872-5		5-<10%	FL 3-SCI 2-SS 1B-AH 1-EH A1-EH C1;H226-H304-H315-H317-H410,-
l-Limonene	5989-54-8	227-815-6		1-<5%	FL 3-SCI 2-SS 1B-AH 1-EH A1-EH C1;H226-H304-H315-H317-H410,-
alpha-Terpineol	98-55-5	202-680-6		1-<5%	SCI 2-EDI 2;H315-H319,-
p-Mentha-1,4-diene	99-85-4	202-794-6		1-<5%	FL 3-AH 1;H226-H304,-
Linalool	78-70-6	201-134-4		1-<5%	SCI 2-EDI 2;H315-H319,-
Myrcene	123-35-3	204-622-5		1-<5%	FL 3-SCI 2-EDI 2-AH 1; H226-H304-H315-H319,-
p-Cymene	99-87-6	202-796-7		1-<5%	FL 3-AH 1-EH C2; H226-H304-H411,-
Terpinolene	586-62-9	209-578-0		0.1-<1%	SS 1B-AH 1-EH A1-EH C1;H304-H317-H410,-

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In accordance with REACH Regulation EC No.1907/2006

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Substances with Community workplace exposure limits:

Name	CAS	EC	%
Furfural	98-01-1	202-627-7	<0.1%

Section 4. First-aid measures

4.1 Description of first aid measures

IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

IF exposed or if you feel unwell: Call a POISON CENTRE 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.

May cause damage to organs (organs, 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.

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In accordance with REACH Regulation EC No.1907/2006

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Version: 4

6.2 Environmental precautions:

Keep away from drains, surface and ground water, and soil.

6.3 Methods and material for containment and cleaning up:

Remove ignition sources. Provide adequate ventilation. Avoid excessive inhalation of vapours. Contain spillage immediately by use of sand or inert powder. Dispose of according to local regulations.

6.4 Reference to other sections:

Also refer to sections 8 and 13.

Section 7. Handling and storage

7.1 Precautions for safe handling:

Keep away from heat, sparks, open flames and hot surfaces. - No smoking. Do not eat, drink or smoke when using this product.

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):

Flavours, Fragrances, Cosmetics: Use in accordance with good manufacturing and industrial hygiene practices.

Section 8. Exposure controls/personal protection

8.1 Control parameters

Workplace exposure limits:

Ingredient	CAS	EC	Description	Value
Furfural	98-01-1	202-627-7	UK WEL Long term ppm	2 ppm
			UK WEL Long term mgm3	8 mg/m ³
			UK WEL Short term ppm	5 ppm
			UK WEL Short term mgm3	20 mg/m ³

8.2 Exposure Controls

Eye / Skin Protection

Wear protective gloves/eye protection/face protection

Respiratory Protection

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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

Appearance:	Colourless to pale yellow mobile liquid
Odour:	Characteristic
Odour threshold:	Not determined
pH:	Not determined
Melting point / freezing point:	Not determined
Initial boiling point / range:	Not determined
Flash point:	46 °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:	0.8910 - 0.9160
Solubility(ies):	Not determined
Partition coefficient: n-octanol/water:	Not determined
Auto-ignition temperature:	Not determined
Decomposition temperature:	Not determined
Viscosity:	Not determined
Explosive properties:	Not expected
Oxidising properties:	Not expected

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.

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Product: Rosemary Oil Spanish Organic

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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.

Section 11. Toxicological information

11.1 Information on toxicological effects

Acute Toxicity:	Based on available data the classification criteria are not met.
Acute Toxicity Oral	2648
Acute Toxicity Dermal	Not Applicable
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:	Based on available data the classification criteria are not met.
STOT-single exposure:	Specific Target Organ Toxicity (Single Exposure) Category 2
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
1,7,7-Trimethylbicyclo [2.2.1]heptan-2-one	76-22-2	200-945-0	1500	Not available	1.5	Dust/mist
dl-Camphor	21368-68-3	244-350-4	1500	Not available	1.5	Dust/mist

Refer to Sections 2 and 3 for additional information.

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Product: Rosemary Oil Spanish Organic

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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

Section 13. Disposal considerations

13.1 Waste treatment methods:

Dispose of in accordance with local regulations. Avoid disposing into drainage systems and into the environment. Empty containers should be taken to an approved waste handling site for recycling or disposal.

Section 14. Transport information

14.1 UN number: UN1169

14.2 UN Proper Shipping Name: EXTRACTS, AROMATIC, LIQUID

14.3 Transport hazard class(es): 3

Sub Risk: -

14.4. Packing Group: III

14.5 Environmental hazards: This is an environmentally hazardous substance.

14.6 Special precautions for user: None additional

14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:

Not applicable

Section 15. Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

RIFM ID Number: 222-E2.12

15.2 Chemical Safety Assessment

A Chemical Safety Assessment has not been carried out for this product.

Section 16. Other information

SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

Product: Rosemary Oil Spanish Organic

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Concentration % Limits: EH A1=58.55% EH C1=58.55% EH C2=5.84% EH C3=0.58383933% EH C4=56.95% SCI 2=26.95% EDI 2=68.49% SS 1=4.00% STO-SE 2=50.00% AH 1=28.57%

Total Fractional Values: EH A1=1.71 EH C1=1.71 EH C2=17.13 EH C3=171.28 EH C4=1.76 SCI 2=3.71 EDI 2=1.46 SS 1=25.00 STO-SE 2=2.00 AH 1=3.50

Key to revisions:

Classification under Regulation (EC) No 1272/2008

Concentration % Limits

SECTION 3: Composition/information on ingredients

Total Fractional Values

Key to abbreviations:

Abbreviation	Meaning
AH 1	Aspiration Hazard Category 1
ATI 4	Acute Toxicity - Inhalation Category 4
ATO 4	Acute Toxicity - Oral Category 4
EDI 2	Eye Damage / Irritation Category 2
EH A1	Hazardous to the Aquatic Environment - Acute Hazard Category 1
EH C1	Hazardous to the Aquatic Environment - Long-term Hazard Category 1
EH C2	Hazardous to the Aquatic Environment - Long-term Hazard Category 2
FL 3	Flammable Liquid, Hazard Category 3
FS 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.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H371	May cause damage to organs (organs, exposure route).
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.
P210	Keep away from heat, sparks, open flames and hot surfaces. - No smoking.
P233	Keep container tightly closed.
P240	Ground/bond container and receiving equipment.
P241	Use explosion-proof electrical, ventilating and lighting equipment.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P260	Do not breathe vapour or dust.
P261	Avoid breathing vapour or dust.
P264	Wash hands and other contacted skin thoroughly after handling.

SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

Product: Rosemary Oil Spanish Organic

Version: 4

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.
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.
P309/311	IF exposed or if you feel unwell: 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.
P403/235	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.
SCI 2	Skin Corrosion / Irritation Category 2
SS 1B	Sensitization - Skin Category 1B
STO-SE 2	Specific Target Organ Toxicity (Single Exposure) Category 2

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.



Material Specification Rosemary Oil Spanish Organic

Trade Name:	Rosemary Oil Spanish Organic	Inci Name:	<i>Rosmarinus Officinalis (Rosemary) Leaf Oil</i>
Cas No:	84604-14-8 / 8000-25-7	Einecs No:	283-291-9
Country of Origin:		Country of Manufacture:	Spain
Shelf Life:	36 Months	Application:	Flavours / Fragrances / Cosmetics
		Organic Licence No:	P6017 / DJ06017

Description:

The essential oil is obtained by steam distillation from the flowering tops and leaves of the Rosemary, *Rosmarinus officinalis L.*, *Lamiaceae*

ANALYTICAL DETAILS	UNIT	RANGE	TYPICAL RESULT
Appearance	Organoleptic	Mobile liquid	Conforms
Colour	Organoleptic	Colourless to pale yellow	Conforms
Odour	Organoleptic	Characteristic	Conforms
Refractive Index @ 20°C	-	1.460 – 1.475	Conforms
Specific Gravity @ 20°C	g/ml	0.891 – 0.916	Conforms
Optical Rotation @ 20°C	Degrees	-5.0° to +12.0°	Conforms
Flash Point (Closed Cup)	°C	46°	Conforms

Storage:

Store in full, original, tightly closed container in a cool place, away from heat and direct sunlight.

To limit oxidation the contents of the container should all be used once opened. Otherwise the container should be tightly closed each time it is opened, and the oil re-tested before use.

Shelf Life:

Ultimately shelf life is dependent upon correct packaging and storage.

When stored within advised conditions, re-test after 12 months then at 3 monthly intervals up to a maximum life of 36 months.