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Aromatherapy & All Natural Products

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## Safety Data Sheet Rosemary CT Camphor Organic Spain

### Section I

#### Product Identification

**Product Name:** Rosemary CT Camphor Spain

**Botanical Name:** *Rosemarinus officinalis*

**Method of Cultivation:** Organic

**Country of Origin:** Spain

**H-No.:** Not available.

**CoE No.:** Not available.

**FDA:** Not available.

**RIFM:** Not available.

**Chemical Name:**

**CAS No.:** 8000-25-7

**FEMA:** Not available.

**IFRA:** Not restricted

**EINECS:** 283-291-9

**Status:** Natural

**Additives:** None

**Botanical Origin:** *Rosemarinus officinalis* L. Lamiaceae

**Relevant Identified Uses:** This product is intended for use as an ingredient for perfumery or similar.

### Section II

#### Hazard(s) Identification

##### **Classification**

**According to Directive 67/548/CEE or (1999/45/CE):**

**Xn:** Harmful

**N:** Dangerous for the environment.

##### **Risk Phrases:**

**R10:** Flammable.

**R43:** May cause sensitization by skin contact.

**R50/53:** Very toxic to aquatic organisms, & may cause long-term adverse effects in the aquatic environment.

**R65:** Harmful: May cause lung damage if swallowed.

**R68/22:** Harmful: Possible risk of irreversible effects if swallowed.

## Classification

### According to Regulation (EC 1272/2008):

- Human health:** Flammable Liquids – Hazard Category 3; Aspiration Hazard – Hazard Category 1; Skin Corrosion/Irritation – Hazard Category 3; Sensitization – Skin – Hazard Category 1. ; Specific Target Organ Toxicity – Single exposure, Hazard Category 2
- Environment:** Hazardous to the aquatic environment – Acute Hazard, Category 1; Hazardous to the aquatic environment – Chronic Hazard, Category 1.
- Hazard Statements:** **H226:** Flammable liquid & vapour.  
**H304:** May be fatal if swallowed & enters airways.  
**H317:** May cause an allergic skin reaction.  
**H332:** Harmful if inhaled.  
**H371:** May cause damage to lungs.  
**H410:** Very toxic to aquatic life with long lasting effects.
- Precautionary Statements:** **P210:** Keep away from heat/sparks/open flames/hot surfaces. – NO smoking.  
**P273:** Avoid release to the environment.  
**P280:** Wear protective gloves/eye protection/face protection.  
**P301+P310:** IF SWALLOWED: Immediately call a POISON CENTER or a Doctor/Physician.  
**P302+P352:** IF ON SKIN: Wash with plenty of soap & water.  
**P370+P378:** In case of fire: Use foam or dry powder for extinction.
- Intervention:** **P333+P313:** If skin irritation or rash occurs: Get medical advice/attention.  
**P337+P313:** If eye irritation persists: Get medical advice/attention.  
**P321:** Specific treatment.  
**P362:** Take off contaminated clothing.  
**P363:** Wash contaminated clothing before reuse.
- Elimination:** **P501:** Dispose of contents/container to a collection of special or hazardous waste.
- Other Hazards:** The product does not contain substances included in the Substances of Very High Concern list. (> 0, 1 % w/w).

### **Section III**

#### **Composition Information/Information on Ingredients**

**Chemical Name:** Rosemary Oil  
**CAS No.:** 8000-25-7      **EINECS:** 283-291-9  
**Concentration range of the constituent (% weight/weight):**  
25 – 100%  
**Classification UN-GHS:** FL 3, ATI 4 (3, m), AH 1, SCI 3, SS 1, STO-SE 2, EH A1, C1

### **Section IV**

#### **First-Aid Measures**

**Inhalation:** Remove from exposure site to fresh air. Keep at rest. If breathing has stopped, administer artificial respiration & oxygen if available. Contact a physician if necessary.

**Eye Contact:** Flush immediately with clean water for at least 10 minutes. Contact a physician if irritation persists.

**Skin Contact:** Remove any contaminated clothing or shoes. Wash affected areas thoroughly with soap & water for at least 15 minutes, & flush with plenty of water. If irritation persists, seek medical advice.

**Ingestion:** Rinse mouth out with water. Do NOT induce vomiting. Seek medical advice **immediately**.

**Most important symptoms & effects, both acute & delayed:**  
**Symptoms on Inhalation:** Choking, drowsiness, respiratory disruptions.  
**Symptoms on Eye Contact:** Irritation, reddening.  
**Symptoms on Skin Contact:** Irritation, stinging.  
**Symptoms on Ingestion:** Queasiness, stomach aches.

**Other:** When assessing action, please take Risk & Safety Phrases into account.

### **Section V**

#### **Fire-Fighting Measures**

**Extinguishing media Recommended:**

Use CO2, Dry Powder, or Foam type Extinguishers – spraying extinguishing media to the base of the flames. Do NOT use direct water jet on burning material.

**Special measures:** Avoid vapor inhalation. Do not inhale fire fumes or gases. Keep away from sources of ignition. Do not smoke. Wear a positive pressure self contained breathing apparatus & protective clothing. Cool down other threatened recipients with pulverized water.

**Extinguishing Procedures:** Closed containers may build up pressure when exposed to heat & should be cooled with water spray.

## **Section VI** **Accidental Release Measures**

**Personal Precautions:** Avoid inhalation & direct contact with skin & eyes. Use individual protective equipment (safety glasses, protective gloves, waterproof boots, suitable proactive clothing) in case of major spillages. Provide adequate ventilation.

**Environmental Precautions:** To avoid possible contamination of the environment; do not discharge into any drains, surface waters, or ground waters.

**Cleaning up methods for Spillage:** Cover with an inert, inorganic, non-combustible absorbent material (e.g. dry-lime, sand, soda ash). Place in covered containers using non-sparking tools & transport outdoors. Avoid open flames or sources of ignition (e.g. pilot lights on gas hot water heater). Ventilate area & wash spill site after material pickup is complete. Dispose of in accordance with current laws & regulations.

## **Section VII** **Handling & Storage**

**Precautions in Handling:** Apply good manufacturing practices & industrial hygiene practices, ensuring proper ventilation. Observe good personal hygiene & do not eat, drink, or smoke whilst handling. Keep away from all ignition sources. Wash hands after use.

**Storage Conditions:** Store in tightly closed original container, in a cool, dry, & well ventilated area away from sources of ignition & protected from light. Keep air contact to a minimum. Stock accordingly to local/national regulations, following given precautions.

**Fire Protection:** Keep away from ignition sources & naked flames. Take precautions to avoid static discharges in working area.

## **Section VIII**

### **Exposure Controls/Personal Protection**

<b>Exposure Control:</b>	To avoid eye & mucous membrane projection & according to the working area organization – wearing eye glasses & gloves is recommended.
<b>Respiratory Protection:</b>	Avoid excessive inhalation of concentrated product vapor. Apply local ventilation where possible. Use personal breathing apparatus whenever deemed necessary.
<b>Ventilation:</b>	The areas where the product is handled & stored should be adequately ventilated.
<b>Skin Protection:</b>	Avoid contact with skin. Compatible chemical-resistant gloves are recommended. Wash contaminated gloves before reuse.
<b>Eye Protection:</b>	Chemical safety goggles are recommended. Wash contaminated goggles before reuse.
<b>Work/Hygiene Practices:</b>	Wash hands with soap & water after handling. Adapted personal protective equipment is advised.
<b>Containers:</b>	Do NOT re-use empty containers. Quickly get clear of sponges, wovens, ... ect, used to absorb the product. Keep away from food & drink.

## **Section IX**

### **Physical & Chemical Properties**

<b>Appearance:</b>	Mobile liquid
<b>Color:</b>	Pale yellow – yellow
<b>Odor:</b>	Characteristic of Rosemary.
<b>Odor Threshold:</b>	Not available.
<b>Vapor Density (mmHg):</b>	Not available.
<b>Vapor Pressure:</b>	Not available.
<b>pH:</b>	Not available.
<b>Relative Density (+20 C):</b>	0,8920 – 0,9100 g/cm <sup>3</sup>
<b>Optical Rotation:</b>	-6 – 8
<b>Melting Point/Freezing Point:</b>	Not available.
<b>Solubility(ies):</b>	Not available.
<b>Initial Boiling Point &amp; Boiling Range:</b>	150 – 250, 175 C
<b>Flash Point:</b>	45 C
<b>Evaporation Rate:</b>	Not available.
<b>Flammability (Solid Gas):</b>	Not available.

**Upper/Lower Flammability or Exposure Limits:**

Not available.

**Partition Coefficient: n-octanol/water:**

Not available.

**Auto-Ignition Temperature:**

Not available.

**Ebullition Point (C):**

Not available.

**Decomposition Temperature:**

Not available.

**Viscosity:**

Not available.

**Section X**

**Stability & Reactivity**

**Reactivity:**

It presents no significant reactivity hazards by itself, or in contact with water. Avoid contact with strong acids, alkalis, or oxidizing agents

**Decomposition:**

Liable to cause smoke & acid fumes during combustion: carbon monoxide, carbon dioxide, & other non-identified organic compounds may be formed.

**Chemical Stability:**

Product is stable & will not react violently with water.

**Hazardous Reactions:**

Hazardous reaction will not occur if using conditions & prescriptions as followed.

**Conditions to Avoid:**

Avoid contact or contamination with strong acids, alkalis, or oxidizing agents.

**Materials to Avoid:**

Not relevant.

**Hazardous Decomposition Products:**

Carbon monoxide & other unidentified organic compounds may be formed upon combustion.

**Section XI**

**Toxicological Information**

**Acute Toxicity:**

Not available.

**Irritation:**

Not available.

**Sensitization:**

Not available.

**Chronic Exposure:**

Not available.

**Carcinogenicity:**

Not available.

**Mutagenicity:**

Not available.

**Reproduction Toxicity:**

Not available.

## **Section XII** **Ecological Information**

**Acute Aquatic Toxicity:** Not available.  
**Persistence & Degradability:** Not available.  
**Bioconcentration Factor:** Not available.  
**Soil Mobility:** Not available.  
**Results of PBT & vPvB Assessment:** Not available.  
**Other Adverse Effects:** Do not allow the material to enter streams, sewers, or other waterways.

## **Section XIII** **Disposal Considerations**

**Release to Atmosphere:** Avoid.  
**Release to Surface Water:** Avoid.  
**Release into Natural Environment:** Avoid.  
**Destruction of Waste:** Incineration.  
**Treatment of Empty Containers:** Re-use inadvisable.  
**Waste Disposal Methods:** Place material & absorbent into sealed containers & dispose of in accordance with current applicable laws & regulations.

## **Section XIV** **Transportation Information**

### **UN Number**

**UN No. (ADR/RID/ADN):** UN1169

**UN No. (IMDG):** UN1169

**UN No. (ICAO):** UN1169

**UN Proper Shipping Name:**

EXTRACTS, AROMATIC, LIQUID

### **Transport Hazard Class(es)**

**ADR/RID/ADN Class:** 3

**ADR/RID/ADN Class:** 3

**ADR Label No.:** 3

**IMDG Class:** 3  
**ICAO Class/Division:** 3

**Packaging Group**

**ADR/RID/ADN Packaging Group:**

III

**IMDG Packaging Group:** III

**ICAO Packaging Group:** III

**Special Precautions for User**

**EMS** F-E, S-D

**Emergency Action Code:** Not available.

**Hazard No. (ADR):** Not available.

**Tunnel Restriction Code:** D/E

**Marine Pollutant:** Yes

**Section XV**

**Regulatory Information**

**EU Directives:** Regulation (EC) No 1907/2006 of the European Parliament & the Council of 18 December 2006 concerning the Registration, Evaluation, Authorization & Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC & repealing Council Regulation (EEC) No 793/93 & Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC & Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC, & 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 & Labeling of Substances & Preparations Dangerous for Supply.

**Guidance Notes:** Workplace Exposure Limits EH40.

**Acronyms:**

<b>REACH:</b>	<b>Regulation, Evaluation, Authorization of Chemicals</b>
<b>CSR:</b>	<b>Chemical Safety Report</b>
<b>IFRA:</b>	<b>International Fragrance Association</b>
<b>IOFI:</b>	<b>International Organization of Food Industry</b>
<b>ATE:</b>	<b>Acute Toxicity Estimation</b>
<b>ES:</b>	<b>Exposure Scenario</b>



## **Hazard Statements:**

According to Regulation EC 1272/2008:

- H226:** Flammable liquid & vapour.
- H304:** May be fatal if swallowed & enters airways.
- H317:** May cause an allergic skin reaction.
- H332:** Harmful if inhaled.
- H371:** May cause damage to organs.
- H410:** Very toxic to aquatic life with long lasting effects.

According to Directive 67/548/EC:

- R10:** Flammable.
- R43:** May cause sensitization by skin contact.
- R50/53:** Very toxic to aquatic organisms, & may cause long-term adverse effects in the aquatic environment.
- R65:** Harmful: May cause lung damage if swallowed.
- R68/22:** Harmful: Possible risk of irreversible effects if swallowed.

## **Section XVI**

### **Other Information**

Bibliography, data sources: IFRA IOFI Labeling Manuel 2013

Literature references & sources for data:

- 1.** Council Directive 67/548/EEC of 27, June 1967 on approximation of laws, regulations & administrative provisions relating to the classification, packaging & labeling of dangerous substances.
- 2.** Directive 1999/45/EC of the European Parliament & the Council of 31, May 1999 concerning the approximation of laws, regulations, & administrative provisions of the Member States relating to the classification, packaging & labeling of dangerous preparations.
- 3.** Regulation (EC) No. 1907/2006 of the European Parliament & the Council of 18, December 2006 concerning the Registration, Evaluation, Authorization & Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC & repealing Council Regulation (EEC) No. 793/93 & Commission Regulation (EC) No. 1488/94 as well as Council Directive 76/769/EEC & Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC & 2000/21/EC.
- 4.** Regulation (EC) No. 1272/2008 of the European Parliament & of the Council of 16, December 2008 on classification, labeling, & packaging of substances & mixtures, amending & repealing Directives 67/548/EEC & 1999/45/EC, & amending Regulation (EC) No. 1907/2006.

**Cosmetics Directive 7<sup>th</sup> Amendment:**

Restrictions may apply. A source of limonene & linalool, listed as sensitizers. Check maximum usage levels for skin care products.

**Conc. % Limits:**

The IFRA recommends that for areas exposed to sunshine, this oil may be limited to a maximum of 0.8% except for bath products, soaps, & other products which are washed off the skin. This restriction is due to the photo-toxic effects of the material.

**PACKAGING:**

<b><u>TYPE</u></b>	<b><u>SUITABILITY</u></b>
Glass	yes
Lacquer lined steel/tin	yes
Aluminum	yes
HPPE	no
F/HDPE	yes
Other plastic	no

**SHELF LIFE:**

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

**Q.C. REQUIREMENTS:**

In- line with general product specification. Always satisfy suitability for specific application. Retest after 6 months.

**The data provided in this standard safety data sheet is meant to represent typical data/analysis for this product & is correct to the best of our knowledge. The data was obtained from current & reliable sources, but this data is supplied without warranty, expressed, or implied regarding its correctness or accuracy. It is the user's responsibility to determine safe conditions for the use of this product & to assume liability for loss, injury, damage, or expense arising from improper use of this product. The information provided does not constitute a contract to supply to any specification, or for any given application, & buyers should seek to verify their requirements & product use.**