







## Safety Data Sheet (SDS)

Revision Date: August 19, 2019

01. IDENTIFICATION OF THE SUBSTANCE/PREPARATION & THE COMPANY/UNDERTAKING					
Product Name		Rosemary oil Spanish			
Biological Definition		Obtained by the steam distillation of leaves and other plant parts of Rosmarinus officinalis L			
INCI Name		Rosmarinus officinalis leaf oil			
Botanical name		Rosmarinus Officinalis			
Country of Origin		Spain			
Product use		Domestic and Industrial			
Synonyms & Trade Names					
Supplier		West Coast Aromatics, LLCs 2701 Conestoga Dr Unit# 106 Carson City NV 89706 Nevada, USA Tel: +1-9775-387-7000			
Emergency phone number		24 hours emergency telephone number (CHEMTREC): 800-424-9300			
Reach Registration Number <small>(According to EU Reg 1907/2006)</small>		N/A			
FEMA No.	2992	CAS EINECS No.	283-291-9	CoE No.r	406
CAS No.	8000-25-7 / 84604-14-8	EINECS No	283-291-9	CFR.	21CFR182.2
02. HAZARDS IDENTIFICATION					
Classification (1999/45)		Xn+N; R10-38-43-51/53-65-68/22, S24-36/37-61-62			
GHS: Classification (EC 1272/2008)		UN-GHS: FL 3, AH 1, SCI 2, SS 1, STO-SE 2, EH A2,C2 EU-CLP: FL 3, AH 1, SCI 2, SS 1, STO-SE 2, EH A2,C2			
Labe in accordance with (EC) No1272/2008 Labe in accordance with (US) Labe in accordance with (CA)		   			
Signal Word		Danger			
Contains		Cineols, pinenes, camphor, camphene, limonene, borneol, caryophyllene, alphaterpineol, linalool.			
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 H371 May cause damage to organs H411 Toxic to aquatic life with long-lasting effects			
Precautionary Statements		P301/310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. P331 Do NOT induce vomiting P262 Do not get in eyes, on skin or on clothing P280 Wear protective gloves/protective clothing/eye protection/face protection. P273 Avoid release to the environment			
Supplementary Precautionary Statements		P391 Collect spillage			
PBT or vPvB according to Annex XIII		No additional data available.			
Adverse physio-chemical properties		Combustible but will not self-ignite			
Adverse effects on human health		May cause sensitisation by skin contact. May cause organ damage if swallowed.			



**03. COMPOSITION/INFORMATION ON INGREDIENTS**

INGREDIENT CONTRIBUTING TO THE HAZARD	CONTENT
Cineols UN-GHS: ATO 5(2500); SCI 3	~ 36 %
Pinenes UN-GHS: ATO 5(3700), SCI 2, SS 1	~ 22 %
Camphor UN-GHS: ATO 5(4900); ATI 4(1,5m); SCI 3; STO-SE 2; EH A3	~ 16 %
Camphene UN-GHS: SCI 3; EDI 2A; EH A1,C1	~ 6 %
Limonene UN-GHS: SCI 2; SS 1; EH A1,C1	~ 3 %
Borneol UN-GHS: SCI 3	~ 3 %
Caryophyllene UN-GHS: SCI 3	~ 3%
alpha-Terpineol UN-GHS: ATO 5(4300); SCI 2; EDI 2A	~ 2%
Linalool UN-GHS: ATO 5(3000), EDI 2A, EH A3, SCI 2	~ 1%

**04. FIRST AID MEASURES**

General Information	See categories below
Inhalation	Remove from exposure area to fresh air. Contact a doctor if necessary.
Ingestion	Wash mouth out with water and obtain medical advice immediately.
Skin Contact	Remove contaminated clothing. Wash thoroughly with soap and water. Seek medical advice if irritation persists or there is any sign of tissue damage.
Eye Contact	Flush with plenty of water and seek medical advice if necessary.

**05. FIRE-FIGHTING MEASURES**

Extinguishing Media	Use CO <sub>2</sub> , Dry Powder or Foam type extinguishers, spraying extinguishing media to base of flames. Do not use direct water jet on burning material.
Special Fire Fighting Procedures	Wear protective clothing. Avoid inhalation of vapors. Use breathing apparatus with independent air supply
Specific Hazards	None
Protective Measures in Fire	Closed containers may build up pressure when exposed to heat and should be cooled with water spray

**06. ACCIDENTAL RELEASE MEASURES**

Personal Precautions	Maintain good occupational and personal hygiene. Avoid contact with skin and eyes
Environmental Precautions	Do not discharge directly into drains or soil. Keep away from surface and ground water
Spill Clean Up Methods	Soak up spillage with sand or other inert material. Transfer soaked material to suitable waste container and dispose according to prevailing regulations.

**07. HANDLING AND STORAGE**

Usage Precautions	Apply good manufacturing practice & industrial hygiene practices, ensuring proper workplace ventilation. Observe good personal hygiene, and do not eat, drink or smoke whilst handling.
Storage Precautions	Store in tightly closed original container, in a cool, dry & ventilated area away from heat sources & protected from light. Keep air contact to a minimum.

**08. EXPOSURE CONTROLS/PERSONAL PROTECTION**

Protective Equipment	  Goggles      Gloves
Engineering Measures	Ensure good ventilation of working area.
Respiratory Equipment	As required. Avoid breathing product vapor.



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Hand Protection	Avoid all skin contact. Use chemically resistant gloves if required.
Eye Protection	Use safety glasses.
Other Protection	As required
Hygiene Measures	Wash hands with soap & water after handling

### 09. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Liquid,
Color	Colourless to pale yellow
Odor	Characteristic.
Relative Density	0.895 to 0.905 @ 20°C
Flash Point (°C)	Not determined
Refractive Index	1.465 to 1.467 @ 20°C
Melting Point (°C)	Not determined
Boiling Point (°C)	Not determined
Vapor Pressure	Not determined
Solubility in Water@20°C	Insoluble in water.
Optical Rotation	Not determined
Auto ignition temperature (°C)	Data not available

### 10. STABILITY AND REACTIVITY

Stability	It presents no significant reactivity hazards, by itself or in contact with water.
Conditions to Avoid	Avoid storage temperatures above 25°C
Material to Avoid	Avoid contact with strong acids, alkalis and oxidising agents.
Hazardous Decomposition Products	Liable to cause smoke & acrid fumes during combustion: carbon monoxide, carbon dioxide & other non-identified organic compounds may be formed.

### 11. TOXOLOGICAL INFORMATION

Acute Toxicity	LD50 Oral - Rat - 5,000 mg/kg LD50 Dermal - Rabbit - > 10,000 mg/kg
Skin corrosion / irritation	Not specified under EC 1272/2008 guidelines
Serious eye damage / irritation	Not specified under EC 1272/2008 guidelines
Respiratory or skin sensitization	Skin Sensitiser Hazard Category 1 under EC 1272/2008 guidelines
Germ Cell Mutagenicity	Not classified as mutagenic
Carcinogenicity	Not classified as carcinogenic (ARIC)
Reproductive toxicity	Not listed as reprotoxic.
STOT single exposure	Specific target organ toxicity (single exposure), Hazard Category 2 under EC 1272/2008
STOT repeated exposure	Skin sensitisation, Hazard Category 1 under EC 1272/2008
Aspiration hazard	Aspiration Toxicity Hazard Category 1 EC 1272/2008
Photo toxicity	Not listed as photo-toxic
Other Information	None



### 12. ECOLOGICAL INFORMATION

Ecotoxicity	Hazardous to the aquatic environment - Acute hazard, Category 1 Hazardous to the aquatic environment - Chronic hazard, Category 1
Mobility	Data not found
Persistence & Biodegradability	Data not found
Bioaccumulation Potential	Data not found



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PBT Assessment Results	No										
Precautions	Do not discharge into the environment especially not into waterways, sewers and the sea.										
<b>13. NONDISPOSAL CONSIDERATIONS</b>											
Disposal Methods	Dispose of product in accordance with local, state or provincial and federal regulations. Check with local municipal authority to ensure compliance Do not release into the environment. Collect waste into suitable containers and contact hazardous chemical disposal company.										
<b>14. TRANSPORT INFORMATION</b>											
Warning Icon	 										
Proper Shipping Name	EXTRACTS, AROMATIC, LIQUID										
UN No. Road	UN 1169										
ADR Class	Class 3										
Hazard No (ADR)	Data not found.										
Hazchem Code	Data not found										
UN No. SEA	UN 1169										
IMDG Class	Class 3										
IMDG Pack Gr.	Pk GP III										
EMS	F-E, S-D										
UN No. AIR	UN 1169										
Air Class	Class 3										
Air Pack Gr.	Pk GP III										
<b>15. REGULATORY INFORMATION</b>											
EU Directives	Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 <sup>th</sup> Dec 2006 Concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 199/45/EC and repealing Council Regulation Council Regulation (EEC) No793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, and 93/105/EEC and 2000/21/EC including amendments.										
US Federal Regulations	Listed on the United States TSCA (Toxic Substances Control Act) inventory										
California Proposition 65	Contains substance identified in the revised list of the California Safe Cosmetic program SB 484 (included in Proposition 65 revised list): - Contains Myrcene, Methyl Chavicol.										
CANADA Regulations	Listed on the Canadian DSL (Domestic Substances List)										
Statutory Instruments	The Chemicals (Hazard Information and Packaging for Supply Regulations 2009 (S.I. 2009 No 716)										
Approved Code of Practice	Classification and Labelling of Substances and Preparations Dangerous for Supply. Safety Data Sheets for Substances and Preparations										
Guidance Notes	Workplace Exposure Limits EH40. CHIP for everyone HSG 108.										
NFPA Rating	<table border="1"> <thead> <tr> <th colspan="2">HMIS Rating</th> </tr> </thead> <tbody> <tr> <td>HEALTH</td> <td>1</td> </tr> <tr> <td>FLAMMABILITY</td> <td>2</td> </tr> <tr> <td>PHYSICAL HAZARD</td> <td>0</td> </tr> <tr> <td>PERSONAL PROTECTION</td> <td>-</td> </tr> </tbody> </table>	HMIS Rating		HEALTH	1	FLAMMABILITY	2	PHYSICAL HAZARD	0	PERSONAL PROTECTION	-
HMIS Rating											
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NFPA Rating



HMIS Rating

HEALTH	1
FLAMMABILITY	2
PHYSICAL HAZARD	0
PERSONAL PROTECTION	-



16. OTHER INFORMATION	
Revision Date	8/19
Rev No/Repl, SDS Generated	3
Risk Phrases in Full	R10 Flammable R38 Irritating to skin R43 May cause sensitisation by skin contact R51/53 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
Hazard Statements in Full	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 H411 Toxic to aquatic life with long-lasting effects
Other Information	Complies with REACH guidance for SDS as circulated by ECHA 2011.

#### Disclaimer & Caution

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