





# West Coast

## aromatics

### Safety Data Sheet (SDS)

Revision Date: September 26, 2022

01. IDENTIFICATION OF THE SUBSTANCE/PREPARATION & THE COMPANY/UNDERTAKING					
Product Name	Basil Oil (Essential Oil).				
Biological Definition	The volatile oil obtained by steam distillation of the flowering tops or entire herb of <i>Ocimum basilicum</i> L. var. <i>methyl chavicol</i> .				
INCI Name	<i>Ocimum basilicum</i> oil.				
Botanical name	<i>Ocimum basilicum</i>				
Country of Origin	Italy				
Product use	Domestic and Industrial				
Synonyms & Trade Names	-----				
Supplier	West Coast Aromatics, 2701 Conestoga Dr Unit# 105 Carson City NV 89706 Nevada, USA Tel: +1-775-387-3000				
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.	2118	CoE No.r	308	CFR No	21CFR182.20
CAS No.	8015-73-4 84775-71-3	EINECS No	283-900-8	EINECS CAS No.	283-900-81
02. HAZARDS IDENTIFICATION					
Classification (1999/45)	Xn Harmful R22-40-43-52/53-68, S24-36/37				
GHS: Classification (EC 1272/2008)	UN-GHS: FL 4, ATO 41300), SCI 3, SS 1, CAR 2, MUT 2, EH A3,C3 EU-CLP: ATO 4, SS 1, CAR 2, MUT 2				
Labe in accordance with (EC) No1272/2008 Labe in accordance with (US) Labe in accordance with (CA)	  GHS07      GHS08				
Signal Word	Danger				
Contains	Methyl chavicol, methyl eugenol, limonene, linalool.				
Hazard Statements	H302 Harmful if swallowed H317 May cause an allergic skin reaction H351 Suspected of causing cancer H412 Harmful to aquatic life with long-lasting effects.				
Precautionary Statements	P261 Avoid breathing fumes P280 Wear protective gloves and eye protection P281 Use personal protective equipment as required				
Supplementary Precautionary Statements	P264 Wash hands 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.				
PBT or vPvB according to Annex XIII	Not determined				
Adverse physio-chemical properties	Combustible but will not self-ignite				
Adverse effects on human health	Suspected carcinogen & mutagen category 2 under GHS				





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03. COMPOSITION/INFORMATION ON INGREDIENTS		
INGREDIENT CONTRIBUTING TO THE HAZARD		CONTENT
Methyl Chavicol	(estragole)FL 4, ATO 4 (1230), SCI 3, SS 1, CAR 2, MUT 2	85 %
Methyl	(eugenol methyl ether) ATO 4(810), CAR 2, MUT 2, EH A2	5 %
1,8 Cineole	(eucalyptol) FL 3, ATO 5(2480), SCI 3	2 %
Limonene	FL 3, AH 1, SCI 2, SS 1, EH A1,C1	1 %
Linalool	FL 4, ATO 5(3000), EDI 2A, EH A3	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	<div></div> <div>GogglesGloves</div>	
Engineering Measures	Ensure good ventilation of working area.	
Respiratory Equipment	Not generally required except in poorly ventilated areas.	
Hand Protection	Avoid all skin contact. Use chemically resistant gloves if required.	
Eye Protection	Use safety glasses.	



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Other Protection	As required
Hygiene Measures	Wash hands with soap & water after handling
<b>09. PHYSICAL AND CHEMICAL PROPERTIES</b>	
Appearance	Mobile liquid
Color	Light yellow to yellow-brown
Odor	Characteristic; recognisably of basil
Relative Density	0.932 to 0.952 @ 20°C
Flash Point (°C)	75 c/c
Refractive Index	1.502 to 1.519 @20°C
Melting Point (°C)	N/A
Boiling Point (°C)	213.0 to 215.0 @760mm Hg
Vapor Pressure	N/A
Solubility in Water@20°C	N/A
Optical Rotation	Data not available
Auto ignition temperature (°C)	Data not available
<b>10. STABILITY AND REACTIVITY</b>	
Stability	Complies with REACH guidance for SDS as circulated by ECHA 2011. It presents no significant reactivity hazards, by itself or in contact with water
Conditions to Avoid	Keep away from ignition sources & naked flames. Take precautions to avoid static discharges in working area. Avoid high temperatures.
Material to Avoid	Highly reactive chemical materials as consequences may not be predictable. Avoid contact with strong acids, alkalis and oxidizing agents.
Hazardous Decomposition Products	Liable to cause smoke & acrid fumes during combustion: carbon monoxide, carbon dioxide & other non-identified organic compounds may be formed.
<b>11. TOXOLOGICAL INFORMATION</b>	
Acute Toxicity	High estragole (>10%) containing basil oil: acute oral LD50 : 1.4g/Kg FCT (1973) 11, 867. Acute toxicity oral under CLP: category 4. LD/LC50 Values relevant for classification: Oral - LD50: 1400mg/kg (rat) Dermal - LD50: >5000mg/kg (rabbit)
Skin corrosion / irritation	Little available data. Data supporting IFRA's 44th Amendment (2009) includes a sheet on estragole which discusses difficulties in extrapolating animal laboratory studies to human risk, particularly from skin contact.
Serious eye damage / irritation	Potential exists. Wear adequate eye/face protection.
Respiratory or skin sensitization	Skin sensitizer Category 1 according to GHS and CLP classifications resulting from EC1272/2008
Germ Cell Mutagenicity	Mutagen Category 2 according to GHS and CLP classifications resulting from EC1272/2008
Carcinogenicity	Methyl chavicol, present at up to 85% is a known heptacarcinogen: E.C. Miller et al. Cancer Res. 43, 1124 (1983). The oil itself is classified as a Carcinogen Category 2 according to GHS and CLP classifications resulting from EC1272/
Reproductive toxicity	Not determined
STOT single exposure	N/A
STOT repeated exposure	N/A
Aspiration hazard	Not determined
Photo toxicity	Not photo-toxic



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Other Information	None
<b>12. ECOLOGICAL INFORMATION</b>	
Ecotoxicity	Toxic to aquatic organisms, may cause long-term adverse effects environment. Avoid any pollution of ground, surface or underground water.
Mobility	Not determined
Persistence & Biodegradability	Not determined
Bioaccumulation Potential	Not determined
PBT Assessment Results	No data found
Precautions	Do not discharge into the environment especially into watercourses.
<b>13. DISPOSAL 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	N/A
Proper Shipping Name	Not subject to ADR
UN No. Road	Not regulated
ADR Class	Not regulated
Hazard No (ADR)	Not regulated under ADR
Hazchem Code	Not applicable
UN No. SEA	Not regulated
IMDG Class	Not regulated
IMDG Pack Gr.	Not regulated
EMS	Not regulated
UN No. AIR	Not regulated
Air Class	Not regulated
Air Pack Gr.	Not regulated
<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	This product can expose you to chemicals including estragole, which is known to the State of California to cause cancer. For more information, go to <a href="http://www.p65warnings.ca.gov">www.p65warnings.ca.gov</a> Identified in the revised list of the California Safe Cosmetic program SB 484
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.



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NFPA Rating 	HMIS Rating	
	HEALTH	1
	FLAMMABILITY	2
	PHYSICAL HAZARD	0
	PERSONAL PROTECTION	-
16. OTHER INFORMATION		
Revision Date	09/22	
Rev No/Repl, SDS Generated		
Risk Phrases in Full	R22 Harmful if swallowed R40 Limited evidence of carcinogenic effect R43 May cause sensitisation by skin contact R52/53 harmful to aquatic organisms may cause long-term adverse effects in aquatic environment. R68 Possible risk of irreversible effects.	
Hazard Statements in Full	H302 Harmful if swallowed H317 May cause an allergic skin reaction H351 Suspected of causing cancer H412 Harmful 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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