




01. IDENTIFICATION OF THE SUBSTANCE/PREPARATION & THE COMPANY/UNDERTAKING					
Product Name		Melissa Blend Essential Oil			
Biological Definition		Melissa Officinalis Leaf Oil is a volatile oil obtained from the leaves and tops of the Balmintoil, <i>Melissa officinalis</i> L., Labiatae.			
INCI Name		Melissa Officinalis Leaf oil Blend			
Botanical name		Melissa Officinalis			
Country of Origin		France			
Product use		Domestic and Industrial			
Synonyms & Trade Names		Melissa officinalis L., Labiatae			
Supplier		West Coast Aromatics, LLCs 2701 Conestoga Dr Unit# 106 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 Number	2111	CAS EINECS	84082-61-1	CoE Number	280
CAS Number	84082-61-1 / 8014-71-9	EC Number	282-007-0	EINECS Number	282-007-0
02. HAZARDS IDENTIFICATION					
Classification (1999/45)		N/A			
GHS: Classification (EC 1272/2008)		Flammable liquid, Category 3 (Flam. Liq. 3, H226). Skin irritation, Category 2 (Skin Irrit. 2, H315). Skin sensitization, Category 1 (Skin Sens. 1, H317). Aspiration hazard, Category 1 (Asp. Tox. 1, H304)			
Labe in accordance with (EC) No1272/2008 Labe in accordance with (US) Labe in accordance with (CA)		 <p>GHS05 GHS07 GHS09</p>			
Signal Word		Danger			
Contains		EC 203-376-6 CITRONELLAL EC 203-377-1 GERANIOL EC 203-375-0 CITRONELLOL EC:605-019-00-3 CITRAL EC 225-004-1 FARNESOL EC 201-291-9 ALPHA-PINENE X EC:601-029-00-7 (R)-P-MENTHA-1,8-DIEN			
Hazard Statements		H315 Causes skin irritation. H317 May cause an allergic skin reaction. H318 Causes serious eye damage H411 Toxic to aquatic life with long lasting effects.			
Precautionary Statements		P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P272 Contaminated work clothing should not be allowed out of the workplace. P273 Avoid release to the environment. P280 Wear protective gloves/protective clothing/eye protection/face protection.			




Supplementary Precautionary Statements	<p>P302+P352 IF ON SKIN: Wash with plenty of water. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing. P321 Specific treatment (see section 4 on this label). P333+P313 If skin irritation or a rash occurs: Get medical advice/attention. P337+P313 If eye irritation persists get medical advice/attention. P362 Take off contaminated clothing. P363 Wash contaminated clothing before reuse. P370+P378 In case of fire: Use appropriate fire extinguisher to extinguish. P403+P235 Store in a well ventilated place. Keep cool. P405 Store locked up. P501 Dispose of contents/container according to local regulations.</p>
PBT or vPvB according to Annex XIII	The substance does not satisfy the PBT or vPvP criteria in accordance with annexe XIII of the REACH regulations EC 1907/2006
Adverse physio-chemical properties	The mixture does not contain substances classified as 'Substances of Very High Concern' (SVHC) >= 0.1% published by the European Chemicals Agency (ECHA) under article 57 of REACH: http://echa.europa.eu/fr/candidate-list-table
Adverse effects on human health	No additional data available

03. COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT CONTRIBUTING TO THE HAZARD	CONTENT
Citronellal (CAS: 106-23-0, EC: 203-376-6) Classification (EC 1272/2008) Warning Eye Irrit. 2, H319, Aquatic Chronic 2, H411, Skin Irrit. 2, H315, Skin Sens. 1, H317	25.0-50.0%
Geraniol CAS: 106-24-1, EC: 203-377-1 Classification (EC 1272/2008) Danger Eye Dam. 1, H318, Skin Irrit. 2, H315, Skin Sens. 1, H317	10.0 – 25.0%
Citronellol CAS: 106-22-9 EC: 203-375-0 Classification (EC 1272/2008) Warning, Eye Irrit. 2, H319, Skin Irrit. 2, H315, Skin Sens. 1, H317	10.0 - 25.0%
Citral CAS: 5392-40-5 EC: 226-394-6 Classification (EC 1272/2008) Warning, Skin Irrit. 2, H315, Skin Sens. 1, H317	2.50 - 10.0%
Citronellyl Acetate CAS: 150-84-5, EC: 205-775-0 Classification (EC 1272/2008) Warning, Eye Irrit. 2, H319, Aquatic Chronic 2, H411, Skin Irrit. 2, H315	2.50 - 10.0%
Farnesol CAS: 4602-84-0, EC: 225-004-1 Classification (EC 1272/2008) Warning, Eye Irrit. 2, H319, Skin Irrit. 2, H315, Skin Sens. 1, H317	0.00 – 2.50%
Geranyl Acetate CAS: 105-87-3, EC: 203-341-5 Classification (EC 1272/2008) Aquatic Chronic 2, H411	0.00 – 2.50%
Isopulegol CAS: 89-79-2, EC: 201-940-6 Classification (EC 1272/2008) Warning , Acute Tox. 4, H30	0.00 – 2.50%
Linalool CAS: 78-70-6, EC: 201-134-4 Classification (EC 1272/2008) Warning , Eye Irrit. 2, H319, Skin Irrit. 2, H315.	0.00 – 2.50%
Menthone CAS: 10458-14-7, EC: 233-944-9 Classification (EC 1272/2008) Aquatic Chronic 3, H412	~ 1 %
Alpha-Pinene X CAS: 80-56-8, EC: 201-291-9 Classification (EC 1272/2008) Danger, Asp. Tox. 1, H304, Flam. Liq. 3, H226, Skin Irrit. 2, H315, Skin Sens. 1, H317	0.00 – 2.50%
(R)-P-Mentha-1,8-Diene CAS: 5989-27-5, EC: 227-813-5	0.00 – 2.50%



Classification (EC 1272/2008) Warning, Flam. Liq. 3, H226, Skin Irrit. 2, H315, Skin Sens. 1, H317, Aquatic Acute 1, H400, M Acute = 1, Aquatic Chronic 1, H410, M Chronic = 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 ₂ , 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	In case of fire formation of dangerous gases possible.
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	 <p>Goggles Gloves Overalls</p>
Engineering Measures	Ensure good ventilation of working area.
Respiratory Equipment	As required. Avoid breathing product vapor.
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	Pale yellow to brown/yellow
Odor	Characteristic melissa odor/lemony
Relative Density	0.879 - 0.893 @ 20°C
Flash Point (°C)	73°C
Refractive Index	1.457 - 1.477 @ 20°C
Melting Point (°C)	No additional data available.
Boiling Point (°C)	No additional data available.
Vapor Pressure	No additional data available.
Solubility in Water@20°C	Insoluble
Optical Rotation	-29° to +5.2° @ 20°C
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 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.
11. TOXOLOGICAL INFORMATION	
Acute Toxicity	ALPHA-PINENE X (CAS: 80-56-8) Oral route : LD50 = 3700 mg/kg
	MENTHONE (CAS: 10458-14-7) Oral route : LD50 = 2500 mg/kg
	LINALOOL (CAS: 78-70-6) Oral route : LD50 = 3000 mg/kg
	ISOPULEGOL (CAS: 89-79-2) Oral route : LD50 = 960 mg/kg
	GERANIOL (CAS: 106-24-1) Oral route : LD50 = 4200 mg/kg
	CITRONELLAL (CAS: 106-23-0) Oral route : LD50 = 2500 mg/kg
	CITRONELLOL (CAS: 106-22-9) Oral route : LD50 = 2650 mg/kg Dermal route : LD50 = 2650 mg/kg
Skin corrosion / irritation	May cause an allergic reaction by skin contact
Serious eye damage / irritation	May cause irreversible damage to the skin; namely inflammation of the skin or the formation of erythema and eschar or edema following exposure up to four hours. May have irreversible effects on the eyes, such as tissue damage in the eye, or serious physical decay of sight, which is not fully reversible by the end of observation at 21 days. Serious eye damage is typified by the destruction of cornea, persistent corneal opacity and iritis.
Respiratory or skin sensitization	No additional data available
Germ Cell Mutagenicity	No additional data available
Carcinogenicity	No additional data available
Reproductive toxicity	No additional data available
STOT single exposure	No additional data available
STOT repeated exposure	No additional data available
Aspiration hazard	No additional data available
Photo toxicity	No additional data available
Other Information	No additional data available



12. ECOLOGICAL INFORMATION	
Ecotoxicity	No aquatic toxicity data available for the mixture.
Mobility	No additional data available
Persistence & Biodegradability	No additional data available
Bioaccumulation Potential	Bio accumulative potential: No data available on bioaccumulation.
PBT Assessment Results	No additional data available
Precautions	Avoid discharge into the environment especially into waterways, sewers and the sea
13. DISPOSAL CONSIDERATIONS	
Disposal Methods	<p>Do not pour into drains or waterways.</p> <p>Waste: Waste management is carried out without endangering human health, without harming the environment and, in particular without risk to water, air, soil, plants or animals. Recycle or dispose of waste in compliance with current legislation, preferably via a certified collector or company. Do not contaminate the ground or water with waste, do not dispose of waste into the environment. Soiled packaging: Empty container completely. Keep label(s) on container. Give to a certified disposal contractor.</p>
14. TRANSPORT INFORMATION	
Warning Icon	
Proper Shipping Name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S
UN No. Road	UN 3082
ADR Class	Class 9
Hazard No (ADR)	90 Environmentally hazardous substance
Hazchem Code	No additional data available
UN No. SEA	UN 3082
IMDG Class	Class 9
IMDG Pack Gr.	Pk Gp III
EMS	F-A,S-F,
UN No. AIR	UN 3082
Air Class	Class 9
Air Pack Gr.	Pk Gp III
15. REGULATORY INFORMATION	
EU Directives	Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 th 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 eugenyl methyl ether, myrcene, and safrole, which is known to the State of California to cause cancer. For more information go to www.p65warnings.ca.gov
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 	HMIS Rating	
	HEALTH	1
	FLAMMABILITY	2
	PHYSICAL HAZARD	0
	PERSONAL PROTECTION	-
16. OTHER INFORMATION		
Revision Date	06/22	
Rev No/Repl, SDS Generated	3	
Risk Phrases in Full Risk Phrases in Full (cont)	R10 Flammable R43 May cause sensitisation by skin contact R45 May cause cancer R51/53 Toxic to aquatic organisms and may cause long-term effects in the aquatic environment R65 May cause lung damage if swallowed R68 Possible risk of irreversible effects	
Hazard Statements in Full	H226 Flammable liquid and vapor. H302 Harmful if swallowed. H304 May be fatal if swallowed and enters airways. H315 Causes skin irritation. H317 May cause an allergic skin reaction. H318 Causes serious eye damage. H319 Causes serious eye irritation. H400 Very toxic to aquatic life. H410 Very toxic to aquatic life with long lasting effects. H411 Toxic to aquatic life with long lasting effects. H412 Harmful to aquatic life with long lasting effects	
Other Information	None	

Disclaimer & Caution

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