




01. IDENTIFICATION OF THE SUBSTANCE/PREPARATION & THE COMPANY/UNDERTAKING					
Product Name	Neroli Essential Oil				
Biological Definition	The volatile oil obtained by steam distillation of the fragrant white blossoms of the bitter orange tree Citrus aurantium L. subsp. amara Engl.				
INCI Name	Citrus aurantium amara Flower Oil				
Botanical name	Citrus aurantium				
Country of Origin	France				
Product use	Domestic and Industrial				
Synonyms & Trade Names	Bitter Orange Flower Oil				
Supplier	West Coast Aromatics, LLCs 2701 Conestoga Dr Unit# 105 Carson City NV 89706 Nevada, USA Tel: +1-909-547-0862				
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.	2771	EC /List No.	639-655-8	CoE No.r	136
CAS No.	8016-38-14	EINECS No	277-143-2	Mol No.	N/A
02. HAZARDS IDENTIFICATION					
Classification (1999/45)	Xn+N; R38-43-51/53-65, S24-37-61-62				
GHS: Classification (EC 1272/2008)	UN-GHS: FL 4, ATO 5(4550), AH 1, SCI 2, SS 1, EDI 2A, EH A2,C2 EU-CLP: AH 1, SCI 2, SS 1, EDI 2, EH A2,C2				
Labe in accordance with (EC) No1272/2008 Labe in accordance with (US) Labe in accordance with (CA)	 <p>GHS07 GHS08 GHS09</p>				
Signal Word	Danger				
Contains	Linalool, limonene, pinenes, linalyl acetate, alpha-terpineol.				
Hazard Statements	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 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 P305/351/ 338 Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.				
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	Can cause irritation/sensitization of skin & eyes.				



03. COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT CONTRIBUTING TO THE HAZARD		CONTENT
Linalool	UN-GHS: ATO 5(3000), EDI 2A, EH A3, SCI 2	~ 38 %
Limonene	UN-GHS: SCI 2; SS 1; EH A1, C1	~ 13 %
Pinenes	UN-GHS: ATO 5(3700), SCI 2, SS 1	~ 2 %
Ocimene	UN-GHS: SCI 3	~ 13 %
Linalyl acetate	UN-GHS: EDI 2A, EH A2, SCI 2	~ 5 %
alpha-Terpineol	UN-GHS: ATO 5(4300); SCI 2; EDI 2A	~ 4 %
Geranyl acetate	UN-GHS: SCI 3; EH A2, C2	~ 3 %
Nerolidol	UN-GHS: EDI 2A, EH A1, EH C1, SCI 3	~ 3 %
Geraniol	UN-GHS: ATO 5(4200); SCI 2; EDI 1; SS 1; EH A2	~ 2 %
Myrcene	UN-GHS: EDI 2A, SCI 2	~ 3 %
Farnesol	UN-GHS: SCI 2; EDI 2A, SS 1	~ 1 %
Caryophyllene	UN-GHS: SCI 3	~ 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	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.
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	Mobile liquid
Color	Pale yellow to amber clear liquid
Odor	Characteristic floral, citrus, fresh
Relative Density	0.865 to 0.905 @ 20°C
Flash Point (°C)	53 c/c
Refractive Index	1.464 to 1.474 @ 20°C
Melting Point (°C)	Not determined
Boiling Point (°C)	Not determined
Vapor Pressure	Not determined
Solubility in Water@20°C	Soluble in ethyl alcohol. Insoluble in water
Optical Rotation	+1.1° to +14.3° @ 20°C
Auto ignition temperature (°C)	Data not available

10. STABILITY AND REACTIVITY

Stability	Complies with REACH guidance for SDS as circulated by ECHA 2011.
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	Acute oral toxicity orl-rat LD50: 4.55 g/kg (Opdyke 1976 pp 813-814) Dermal toxicity (skn-rbt) LD50: >5g/kg Opdyke 1976 pp813-814)
Skin corrosion / irritation	Skin corrosion/irritation Hazard Category 2 under GHS & CLP following EC 1272/2008 guidelines
Serious eye damage / irritation	Serious eye damage/irritation Hazard Category 2 under GHS & CLP following EC 1272/2008 guidelines
Respiratory or skin sensitization	Skin Sensitizer, Hazard Category 1 under GHS & CLP following EC 1272/2008 guidelines
Germ Cell Mutagenicity	Not listed as mutagenic
Carcinogenicity	Not listed as carcinogenic
Reproductive toxicity	Not reprotoxic
STOT single exposure	No data found
STOT repeated exposure	No data found



Aspiration hazard	Aspiration Hazard, Hazard Category 1 under GHS & CLP following EC 1272/2008 guidelines.
Photo toxicity	Not photo-toxic
Other Information	None

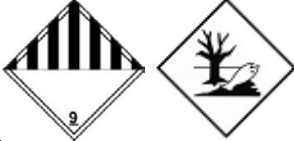
12. ECOLOGICAL INFORMATION

Ecotoxicity	No weight of evidence data available
Mobility	Data not found
Persistence & Biodegradability	Data not found
Bioaccumulation Potential	Data not found
PBT Assessment Results	Data not found
Precautions	Do not discharge into the environment, especially not into waterways, sewers and the sea.

13. DISPOSAL CONSIDERATIONS

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.
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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
Hazchem Code	•3Z
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 chemicals including myrcene, 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	12/22
Rev No/Repl, SDS Generated	2
Risk Phrases in Full	R38 Irritating to skin R43 May cause sensitization 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
Hazard Statements in Full	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 H411 Toxic to aquatic life with long lasting effects
Other Information	Complies with REACH guidance for SDS as circulated by ECHA 2011.

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