




01. IDENTIFICATION OF THE SUBSTANCE/PREPARATION & THE COMPANY/UNDERTAKING					
Product Name	Petitgrain Essential Oil				
Biological Definition	The volatile oil obtained by steam distillation of the branches, twigs and leaves of an acclimatized variety of the Bitter Orange Tree <i>Citrus aurantium</i> L. subsp. <i>aurantium</i> .				
INCI Name	Citrus Aurantium Amara Leaf/Twig Oil.				
Botanical name	Petitgrain Bigarade (Citrus aurantium L. var amara)				
Country of Origin	France				
Product use	Domestic and Industrial				
Synonyms & Trade Names	- - -				
Supplier	West Coast Aromatics, llc 2701 Conestoga Dr Unit# 105 Carson City NV 89706 Nevada, USA Tel:+1-909-547-0861				
Emergency phone number	(613)-996-6666 CANUTEC 24 HOUR EMERGENCY				
Reach Registration Number <small>(According to EU Reg 1907/2006)</small>	N/A				
FEMA No	2855	FDA No.	182.20	CoE No.	142
CAS---N	68916-04-1 / 72968-50-4	EC No.	277-143	EINECS No.	277143-2
02. HAZARDS IDENTIFICATION					
Classification (1999/45)	Xi, R38-41- 43-51/53, S24-37				
GHS: Classification (EC 1272/2008)	UN-GHS: FL 4, SCI 2, SS 1, EDI 1, EH A2,C3 EU-CLP: SCI 2, SS 1, EDI 1				
Labe in accordance with (EC) No1272/2008 Labe in accordance with (US) Labe in accordance with (CA)	 <p>GHS02 GHS05 GHS07 GHS09</p>				
Signal Word	Danger				
Contains	Linalyl acetate, linalool, alpha-terpineol, geranyl acetate, geraniol, ocimenes, myrcene, neryl acetate, limonene, pinenes, nerol, beta-caryophyllene.				
Hazard Statements	H226 Flammable liquid & vapor 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	P262 Do not get in eyes, on skin or on clothing P280 Wear protective gloves/protective clothing/eye protection/face protection P305/351/338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.				
Supplementary Precautionary Statements	Not available				
PBT or vPvB according to Annex XIII	No				
Adverse physio-chemical properties	Combustible but will not self-ignite				
Adverse effects on human health	Repeated or prolonged skin contact may cause sensitization				



03. COMPOSITION/INFORMATION ON INGREDIENTS

50% Linalyl acetate CAS: 115-95-7 UN-GHS: EDI 2A, EHA 2, SCI 2
25% Linalool CAS: 78-70-6 UN-GHS: ATO 5(3000), EDI 2A, EH A3, SCI 2
5% alpha-Terpineol CAS: 98-55-5 UN-GHS: ATO 5(4300); SCI 2; EDI 2A
4% Geranyl acetate CAS: 105-87-3 UN-GHS: SCI 3; EH A2,C2
3% Geraniol CAS: 106-24-1 UN-GHS: ATO 5(4200); SCI 2; EDI 1; SS 1; EH A2
3% Ocimenes CAS (beta isomer): 13877-91-3 UN-GHS: SCI 3
2% Myrcene CAS: 123-35-3 UN-GHS: EDI 2A, SCI 2
2% Neryl acetate CAS: 141-12-8 UN-GHS: NC
1% Limonene CAS:: 5989-27-5 UN-GHS: SCI 2; SS 1; EH A1,C1
1% Pinenes CAS (beta isomer): 127-91-3 UN-GHS: ATO 5(3700), SCI 2, SS 1
1% Nerol CAS: 106-25-2 UN-GHS: ATO 5(4500), EDI 2A, EH A3, SCI 2
1% beta-Caryophyllene CAS: 87-44-5 UN-GHS: SCI 3

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.
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	Liquid
Color	Pale yellow to brown
Odor	Characteristic
Specific Gravity	0.882 to 0.893 @ 20°C
Flash Point (°C)	66 c/c
Refractive Index	1.450 to 1.465 @ 20°C
Melting Point (°C)	Not determined
Boiling Point (°C)	Not determined
Vapor Pressure	Not given
Solubility in Water@20°C	Negligible
Optical Rotation	Not determined
Auto ignition temperature (°C)	Not determined
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	Acute oral toxicity: LD50 orl-rat >5g/kg <i>FCT 20,801</i> (1982) Special issue VI; LD50 orl-rat >5g/kg <i>FCT 30, 101S</i> (1992).
Skin corrosion / irritation	Non-irritant at 8% <i>FCT 20,801</i> (1982) Special issue VI. However skin corrosion Hazard Category 2 under EC1272/2008 guidelines.
Serious eye damage / irritation	Potential for eye damage: wear eye/face protection when handling.2/2008 guidelines Hazard Category 1 under EC 1272/2008 guidelines
Respiratory or skin sensitization	Non skin-sensitizing at 8% <i>FCT 20,801</i> (1982) Special issue VI. However Skin sensitizer Hazard Category 1 under EC 1272/2008 guidelines
Germ Cell Mutagenicity	Not listed as mutagenic
Carcinogenicity	Not listed as carcinogenic
Reproductive toxicity	Not listed as reprotoxic
STOT single exposure	No data found
STOT repeated exposure	No data found
Aspiration hazard	Not listed under EC 1272/2008 guidelines
Photo toxicity	Not photo-toxic: <i>FCT 20,801</i> (1982) Special issue VI.
Other Information	None
12. ECOLOGICAL INFORMATION	
Ecotoxicity	Very 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, but believed to be 100% biodegradable
Bioaccumulation Potential	Not determined but believed to be low
PBT Assessment Results	No data found
Precautions	Avoid discharge into the environment especially 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.



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	Contains substance identified in the revised list of the California Safe Cosmetic program SB 484 (included in Proposition 65 revised list): -Contains Myrcene
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.



16. OTHER INFORMATION	
Revision Date	09/22
Rev No/Repl, SDS Generated	3
Risk Phrases in Full	R38 Irritating to skin R41 Risk of serious damage to eyes R43 May cause sensitization by skin contact R51/53 Toxic to aquatic organisms. May cause long-term damage in the aquatic environment
Hazard Statements in Full	H226 Flammable liquid & vapor 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
Other Information	Complies with REACH guidance for SDS as circulated by ECHA 2011.

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