



MATERIAL SAFETY DATA SHEET

1. Identification of Substance/Preparation & Company

PRODUCT NAME: Ho Wood
PRODUCT CODE: HO WOOD
SUPPLIER: Green Valley Aromatherapy Ltd.,
505 Duncan Ave, Courtenay, BC CANADA V9N 2M6
Emergency Tel No: (250) 334-4836. Contact Person: Kelly Lees

2. Composition / Information on Ingredients

DEFINITION/BOTANICAL ORIGIN:

H-No:	CAS No: 8022-91-1	Status: natural
CoE No:	FEMA: 2156	Additives: none
FDA:	IFRA:	Application: aromatherapy, cosmetics, skincare etc.
RIFM:	EINECS:	FCCIV:
INCI name: <i>Cinnamomum camphora</i> var. <i>linalooliferum</i>		Country of Origin: Japan

3. Hazards Identification

Concentrated product. Do not ingest, use good housekeeping procedures when handling. Contains Linalool. Causes skin irritation. Causes eye irritation.

4. First-Aid Measures

INHALATION: Remove from exposure site to fresh air. Contact a doctor if necessary.

EYE CONTACT: Rinse immediately with plenty of water for at least 15 minutes. Contact a doctor if symptoms persist.

SKIN CONTACT: Remove contaminated clothes. Wash thoroughly with soap & water, flush with plenty of water. If irritation persists or there is any sign of tissue damage, seek medical advice.

INGESTION: Wash mouth out with water. Seek medical advice **immediately**.

OTHER: When assessing action take Risk & Safety Phrases into account (Section 15).

5. Fire Fighting Measures

EXTINGUISHING MEDIA: Use CO², Dry Powder or Foam type Extinguishers, spraying extinguishing media to base of flames. Do not use direct water jet on burning material.

SPECIAL MEASURES: Avoid vapour inhalation. Keep away from sources of ignition. Do not smoke. Wear positive pressure self-contained breathing apparatus & protective clothing.

EXTINGUISHING PROCEDURES: Closed containers may build up pressure when exposed to heat and should be cooled with water spray.

6. Accidental Release Measures

PERSONAL PRECAUTIONS: Avoid inhalation & direct contact with skin & eyes. Use individual protective equipment (safety glasses, waterproof-boots, suitable protective clothing) in case of major spillages.

ENVIRONMENT PRECAUTIONS: Keep away from drains, soils, surface & ground waters.

CLEAN UP METHODS FOR SPILLAGES: Remove all potential ignition sources. Contain spilled material. Cover with an inert or non-combustible inorganic absorbent material, sweep up and remove to an approved disposal container. Observe municipal, federal and local disposal regulations.

7. Handling & Storage

PRECAUTIONS IN HANDLING:	Apply good manufacturing practice & industrial hygiene practices, ensuring proper ventilation. Observe good personal hygiene. Do not eat, drink or smoke whilst handling.
STORAGE CONDITIONS:	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.
FIRE PROTECTION:	Keep away from ignition sources & naked flames. Take precautions to avoid static discharges in working area.

8. Exposure Controls/Personal Protection

RESPIRATORY PROTECTION:	Avoid breathing product vapour. Apply local ventilation where possible.
VENTILATION:	Ensure good ventilation of working area.
HAND PROTECTION:	Avoid all skin contact. Use chemically resistant gloves if required.
EYE PROTECTION:	Use safety glasses.
WORK / HYGIENE PRACTICES:	Wash hands with soap & water after handling.

9. Physical & Chemical Properties

COLOUR:	Colorless
APPEARANCE:	Clear mobile liquid
ODOUR:	Linalolic, floral
FLASH POINT °C:	72
RELATIVE DENSITY:	0.856 TO 0.865 @ 20C
REFRACTIVE INDEX @ 20°C:	1.4600 to 1.4640 @ 20C
SOLUBILITY IN 75% ETHANOL @ 20°C:	
SOLUBILITY IN VEGETABLE OILS:	Soluble
SOLUBILITY IN WATER:	Insoluble

Typical Analysis by GLC/GCMS:

CONSTITUENT	PERCENTAGE
Linalool	90.0 to 98 %
Geraniol	<0.4 %

10. Stability & Reactivity

REACTIVITY:	It presents no significant reactivity hazards, by itself or in contact with water. Avoid contact with strong acids, alkali or oxidizing agents. Avoid storage temperatures over 25C. Avoid sparks and open flames.
DECOMPOSITION:	Liable to cause smoke & acrid fumes during combustion: carbon monoxide, carbon dioxide and other non-identified organic compounds may be formed.

11. Toxicological Information

ACUTE TOXICITY:	Acute oral toxicity: Oral-rat LD50 3270 mg/kg FCT 2, 327 (1964). Acute dermal toxicity: Skin-rabbit LD50>5000 mg/kg FCT. 12, 917 (1974).
DECOMPOSITION:	Liable to cause smoke & acrid fumes during combustion: carbon monoxide, carbon dioxide and other non-identified organic compounds may be formed.
SKIN CORROSION/ IRRITATION	Category 2 under GHS & CLP.
SERIOUS EYE DAMAGE/ IRRITATION	Category 2 under CLP. Wear face/eye protection when handling

12. Ecological Information

ECOTOXICITY:	No available weight-of-evidence summary indicating groundwater toxicity
BIODEGRADABILITY:	Data not available
PRECAUTIONS:	Wear suitable personal protection equipment to avoid contact with skin and eyes.

13. Disposal Considerations

Avoid disposing to drainage systems and into the environment. Seek expert advice.

14. Transport Regulations

ROAD (ADR/RID):	n/a
AIR (IATA/ICAO):	n/a
SEA (IMDG):	n/a
CHIP:	See section 15

15. Regulatory Information According to Directive 88/379/EEC

HAZARDS:	H315 Causes skin irritation H319 Causes serious eye irritation.
SYMBOLS:	n/a
RISK PHRASES:	R38 Irritating to skin.
SAFETY PHRASES:	n/a

16. Other Information

Complies with REACH guidance for SDS as circulated by ECHA 2011

PACKAGING:	TYPE	SUITABILITY
	Glass	Yes
	Lacquer lined steel/tin	Yes
	Aluminums	Yes
	HPPE	No
	F/HDPE	Yes
	Other Plastic	No

SHELF LIFE

Minimum 12 months when stored within advised conditions. Re-test after 12 months then every 3 months, up to a maximum of 36 months.

Q.C REQUIREMENTS

In-line with general product specification. Always satisfy suitability for specific application.

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