

SAFETY DATA SHEET (SDS)

Version 2.0

Revision Date : January 31,2020

Print Date : May 8, 2024

1. PRODUCT AND COMPANY IDENTIFICATION

Product name	:	Ho Wood Organic Essential Oil
Botanical name	:	Cinnamomum camphora
INCI name	:	Cinnamomum Camphora Branch/Leaf Extract
CAS #	:	92201-50-8
Country of Origin	:	China
EINECS #	:	295-980-1
Product use	:	Domestic and Industrial
Supplier	:	New Directions Aromatics Inc.
Address	:	6781 Columbus Road, Mississauga, Ontario, CANADA L5T 2G9
Fax	:	905-362-1926
Telephone number	:	905-362-1915
Emergency phone number	:	(613)-996-6666 CANUTEC 24 HOUR EMERGENCY

2. HAZARDS IDENTIFICATION

Emergency Overview

GHS Classification

Flammable liquids - Category 4

Acute Toxicity, Oral - Category 5

Skin Irritation - Category 2

Eye Irritation - Category 2A

Specific Target Organ Toxicity - Single Exposure - Category 3

GHS Label elements, including precautionary statements

Signal: Warning

Hazard statement(s)

H227	Combustible liquid.
H303	May be harmful if swallowed.
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.

Precautionary statement(s)

P261	Avoid breathing dust/fumes/gas/mist/vapours/spray.
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.

P301+P310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P302+P352	IF ON SKIN: Wash with plenty of soap and 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.
P332+P313	If skin irritation occurs: Get medical advice/attention.
P333+P313	If skin irritation or a rash occurs: Get medical advice/attention.
P337+P313	If eye irritation persists get medical advice/attention.
P402+P404	Store in a dry place. Store in a closed container.
P501	Dispose of contents and container in accordance with local, regional, national and/or international regulation for hazardous wastes.

3. COMPOSITION / INFORMATION INGREDIENTS

Product Name	CAS NO	EC NO	Concentration
Cinnamomum Camphora Bark Oil	92201-50-8 / 8022-91-1 / 8008-51-3	295-980-1	100 %

4. FIRST AID MEASURES

Eye contact

Check for and remove any contact lenses. Immediately flush with plenty of cool water for at least 15 minutes, keeping eyelids open. Seek medical attention.

Skin contact

Remove contaminated clothing. Gently and thoroughly wash the contaminated skin with running water and non-abrasive soap. Cover the irritated skin with an emollient. If irritation occurs, get medical attention. Wash contaminated clothing before reusing.

Inhalation

Allow the victim to rest in a well-ventilated area. Seek immediate medical attention.

Ingestion

Do NOT induce vomiting. Seek immediate medical attention or contact local poison control center.

5. FIRE FIGHTING MEASURES

Suitable extinguishing media

Foam. Dry Chemical. Carbon dioxide. Use water spray to cool fire-exposed containers.

Unsuitable extinguishing media

Water spray, water jet.

Special protective equipment and precautions for fire-fighters

Wear proper protective equipment including but not limited to a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. Exercise caution when fighting any chemical fire.

Special hazards arising from the substance or its combustible products

During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion. Containers may explode when heated.

Resulting gases

Carbon oxides.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures.

Equip clean crew with proper protection. Respiratory protection equipment may be necessary.

Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.

Methods and materials for containment and cleaning up

Clean up any spills as soon as possible, using an absorbent material to collect it. Use suitable disposal containers.

7. HANDLING AND STORAGE

Precautions for safe handling

Keep away from heat and sources of ignition. Ground all equipment containing material. Do not ingest. Do not breathe gas/fumes/vapours/spray. Wear suitable protective clothing. Avoid contact with skin and eyes. Handle in accordance with good industrial hygiene and safety procedures.

Conditions for safe storage, including any incompatibilities

Flammable materials should be stored in a separate storage cabinet or room. Keep away from heat and sources of ignition. Keep container tightly closed in a cool, well-ventilated place. Ground all equipment containing material.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Exposure controls

Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value. Ensure that eyewash stations and safety showers are proximal to the work station location.

Eyes

Use tightly sealed goggles.

Skin

If skin contact or contamination of clothing is likely, protective clothing should be worn. Use protective gloves.

Respiratory

In case of insufficient ventilation, wear suitable respiratory equipment.

Ingestion

Not for ingestion.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	:	Colorless to light yellow clear liquid.
Odor	:	Characteristic linalool odor.
Initial b.p and boiling range	:	199°C @ 760 mmHg
Flash point	:	75°C
Vapor pressure	:	0.1 mbar @ 20 °C
Relative density	:	0.8560 - 0.8670 @ 20°C
Auto-ignition temperature	:	235°C
Refractive index	:	1.4600 - 1.4640 @ 20°C
Optical rotation	:	-20° to -13° @ 20°C

10. STABILITY AND REACTIVITY

Reactivity

This material presents no significant reactivity hazard.

Chemical stability

Product is stable under normal recommended conditions of storage and handling.

Possibility of hazardous reactions

Hazardous polymerization will not occur.

Conditions to avoid

Avoid exposure to air, sparks, flame and other heat sources.

Incompatible materials

Strong oxidizing agents.

Hazardous decomposition products

Carbon Oxides.

11. TOXICOLOGICAL INFORMATION

Acute toxicity

LD₅₀ Oral: Mouse - 3 mg/kg

LD₅₀ Oral: Rat - 2790 mg/kg

LD₅₀ Skin: Rabbit - 5610 mg/kg

LD₅₀ Skin: Rat - 5610 mg/kg

Carcinogenicity

None of the components of this material is listed as a carcinogen.

IARC

None of the components of this material is listed as a carcinogen by IARC.

ACGIH

None of the components of this material is listed as a carcinogen by ACGIH.

NTP

None of the components of this material is listed as a carcinogen by NTP.

Specific target organ toxicity

May cause respiratory tract irritation.

Inhalation

Hazardous in case of inhalation.

Skin contact

Hazardous in case of skin contact.

Eye contact

Causes serious eye irritation.

Ingestion

Very hazardous in case of ingestion.

12. ECOLOGICAL INFORMATION

Ecotoxicity

No ecotoxicological data available. Nonetheless, avoid any pollution of ground, surface or underground water.

Persistence and degradability

Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

Bio - accumulative potential

Not available.

Mobility in soil

Not available.

Other adverse effects

Not available.

13. DISPOSAL CONSIDERATION

Dispose of product in accordance with local, state or provincial and federal regulations. Check with local municipal authority to ensure compliance.

14. TRANSPORT INFORMATION

US DOT Shipping Description (Land)

Not regulated

IMO-IMDG Shipping Description (Sea)

Not regulated

IATA Shipping Description (Air)

Not regulated

15. REGULATORY INFORMATION

California Proposition 65

Contains substance identified in the revised list of the California Safe Cosmetic program SB 484 (as stated in Proposition 65 revised list: BETA-MYRCENE.

GHS Hazard Statements

Please refer to section 2.

GHS Precautionary Statements

Please refer to section 2.

16. OTHER INFORMATION

Revision date : January 31, 2020

Disclaimer & Caution

Please refer to all relevant technical information specific to the product, prior to use. The information contained in this document is obtained from current and reliable sources. New Directions Aromatics Inc. provides the information contained herein, but makes no representation as to its comprehensiveness or accuracy. Individuals receiving this information must exercise their independent judgment in determining its appropriateness for a particular purpose. The user of the product is solely responsible for compliance with all laws and regulations applying to the use of the products, including intellectual property rights of third parties. As the ordinary or otherwise use(s) of this product is outside the control of New Directions Aromatics Inc., no representation or warranty, expressed or implied, is made as to the effect(s) of such use(s), (including damage or injury), or the results obtained. The liability of New Directions Aromatics Inc. is limited to the value of the goods and does not include any consequential loss. New Directions Aromatics Inc. shall not be liable for any errors or delays in the content, or for any actions taken in reliance thereon. New Directions Aromatics Inc. shall not be responsible for any damages resulting from use of or reliance upon this information. In the event of any dispute, the Customer hereby agree that Jurisdiction is limited to the province of Ontario, Canada.