



NEW DIRECTIONS AROMATICS

MATERIAL SAFETY DATA SHEET

SECTION: 1.1 PRODUCT IDENTIFICATION

Product Name: Camellia Seed Carrier Oil
Botanical Name: *Camellia sinensis*
Synonyms: *Thea viridis, Thea sinensis, Thea bohea, Camellia theifera, Camellia thea, Camellia bohea*
INCI Name: Camellia sinensis seed oil
CAS #: 68916-73-4
Country of Origin: China
Important Note Also known as Tea Seed Oil. Do not confuse this oil with Tea Tree Essential Oil

SECTION: 1.2 COMPANY IDENTIFICATION

Company: New Directions Aromatics Inc.
Address: 6781-Columbus Road, Mississauga. L5T 2G9 Canada
Telephone No: 905-362-1915
FAX: 905-362-1926
24 HOUR EMERGENCY TELEPHONE NUMBER: (613)-996-6666 CANUTEC

SECTION: 2. COMPOSITION / INFORMATION INGREDIENTS

Constituents: Lauric, myristic, palmitic, palmitoleic, stearic, oleic, linoleic, a-linoleic, arachidic, eicosenoic, behenic, erucic and lignoceric acids

Composition:	C18:1 Oleic Acid:	72-87 %	C18:1 Oleic Acid:	72-87 %
	C18:2 Linoleic Acid:	5.3-14.3%	C18:2 Linoleic Acid:	5.3-14.3%

SECTION: 3. HAZARDS IDENTIFICATION

This material is a vegetable oil. The manufacturer does not anticipate any harmful effects from this product providing good manufacturing practices are followed.

SECTION: 4. FIRST AID MEASURES

Eye Contact: Irrigate with water immediately, continue flushing eyes with water for 15 minutes. Seek medical attention if irritation persists.
Inhalation: Remove to fresh air.
Ingestion: Do not induce vomiting. Never-give anything by mouth if victim is unconscious, is rapidly-losing or is Convulsing.
Skin Contact: Skin contact may not produce irritation, or itching of the skin.

SECTION: 5. FIRE FIGHTING MEASURES

Flash Point: >100 °C
Extinguishing media: Carbon Dioxide, dry chemical or foam.
Special Procedures: Determine the need to evacuate or isolate the area according to your local emergency plan.
Unusual Firefighting None identified.
Protective Equipment: None
Combustion Product: Carbon Monoxide, Carbon Dioxide

SECTION: 6. ACCIDENTAL RELEASE MEASURES

Safety Precautions: Eliminate all ignition sources. Ventilate area. Determine the need to evacuate or isolate the area according to your local emergency plan.



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Environmental Precautions: Keep away from drains, surface and ground water. Report spills to appropriate Authorities if required.

Methods For Cleaning Up: Contain and collect with inert absorbent material and place in suitable container for disposal. Comply with all federal, state, and local regulation. Wipe small spills with cloth. Clean with hot water and detergent.

SECTION: 7. HANDLING AND STORAGE

Handling: None. Contaminated clothing and shoes should be cleaned before re-use.

Storage Store in a cool, dry, well ventilated place protected from light. Keep away from extreme heat and from freezing conditions and away from all sources of ignition

SECTION: 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Eyes Protection: The use of safety glasses is recommended

Respiratory Protection: In well- ventilated areas, respiratory protection is not normally required.

Protective Equipment: An eyewash fountain and / or safety shower should be available in the work area. Acceptable industrial hygiene practices should be maintained.

SECTION: 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Yellow to golden liquid.

Odor: Characteristic odor.

Solubility: Soluble in alcohol and oils. Insoluble in water.

Relative Density: 0.905 – 0.925 @°C

Refractive Index: 1.468 – 1.474 @°C

Free Fatty Acids: <1.0 %

% Unsaponifiables: <3.0 %

Saponification Value: 185 – 205

Iodine Value: 75 – 95

Peroxide Value: <5 %

Extraction Method: Cold-pressed of the seeds/kernels

SECTION: 10. STABILITY AND REACTIVITY

Stability: Chemically stable.
This material presents no significant reactivity hazard.

Conditions to Avoid: Avoid sparks, flame and excessive heat.

Materials to Avoid: Strong oxidizing agents.

Flammability: Combustible liquid.

Hazardous Polymerization: Will not occur.

Hazardous Combustion or Decomposition Products: None known.
When heated to decomposition produces carbon dioxide and monoxide smoke.

SECTION: 11. TOXICOLOGICAL INFORMATION

Skin Contact: When hot, Adverse skin effects should be prevented by normal care and personal hygiene

Eye Contact: May irritate eyes.

Ingestion: Low order toxicity causing irritation of the stomach and intestines which results in nausea and vomiting.



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Medical Conditions Aggravated

by Exposure:	None
Chronic Toxicity:	May cause allergic reactions on skin
Carcinogenicity Data:	None of the components of this material are listed as a carcinogen.
Reproductive Toxicity:	No adverse effects on reproduction are known.
Acute Toxicity Values:	No data is currently available.

SECTION: 12. ECOLOGICAL INFORMATION

Very toxic to aquatic organism may cause long-term adverse effects in the aquatic environment.
Avoid any pollution of ground, surface or underground water.

SECTION: 13. DISPOSAL CONSIDERATION

Incineration or sanitary landfill in accordance with local, provincial and federal regulations. Check with disposal expert to insure compliance

SECTION: 14. TRANSPORT INFORMATION

US DOT Shipping Description:	Check appropriate authority
IATA Shipping (Air):	Check appropriate authority
IMDG Shipping Description:	Check appropriate authority

SECTION: 15. REGULATORY INFORMATION

WHMIS (Canada):	N/A
HMIS (USA):	Health Hazard – 0 Fire Hazard –1 Reactivity – 0
EU Classes and Risk Phrases for reference:	N/A

SECTION: 16. OTHER INFORMATION

Revision Date: December 5, 2011

SECTION: 17. DISCLAIMER

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CERTIFICATE OF ANALYSIS

Product Camellia Seed Carrier Oil
Lot No: 15037-A15-1
Expiry Date: November 2012

<u>Properties</u>	<u>Specifications:</u>	<u>Results:</u>
Appearance:	Pale yellow to golden yellow liquid	Complies
Odor:	Characteristic odor	Complies
Solubility:	Soluble in alcohol and oils. Insoluble in water.	Complies
Relative Density:	0.905 – 0.925 @°C	Complies
Refractive Index:	1.468 – 1.474 @°C	Complies
Free Fatty Acids:	<1.0 %	Complies
% Unsaponifiabiles:	<3.0 %	Complies
Saponification Value:	185 – 205	Complies
Iodine Value:	75 – 95	Complies
Peroxide Value:	<5 %	Complies

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