



# NEW DIRECTIONS AROMATICS

## MATERIAL SAFETY DATA SHEET

### SECTION: 1.1 PRODUCT IDENTIFICATION

**Product Name:** Olive Pomace Carrier Oil  
**Botanical Name:** *Olea europaea*  
**Synonyms:** Olive oil  
**INCI Name:** Olea europaea (olive) fruit oil  
**CAS #:** 8001-25-0  
**Country of Origin:** Canada

### 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:** Myristic, palmitic, palmitoleic, margaric, margaroleic, stearic, oleic, linoleic, a-linolenic, arachidic, eicosanic, behenic, erucic and lignoceric acids

Oleic Acid:	63 – 83	Palmitic Acid:	7 – 17
Linoleic Acid:	6 – 14	Stearic Acid:	1 – 4

### SECTION: 3. HAZARDS IDENTIFICATION

This product is not a hazardous material under Department of Labor definition and contains no hazardous ingredients

**Medical Information:** N/A

### SECTION: 4. FIRST AID MEASURES

**Eye Contact:** Contact with eyes can produce burning sensation. Irrigate with water immediately, continue flushing eyes with water for 15 minutes. Seek medical attention if irritation persists.

**Inhalation:** Remove to fresh air. Give oxygen if breathing is labored and seek medical advice. Avoid casual breathing. Signs of over exposure are dizziness and nausea.

**Ingestion:** Rinse mouth; dilute with milk or water and consult a physician immediately. Do not induce vomiting. Never-give anything by mouth if victim is unconscious, is rapidly-losing or is Convulsing.

**Skin Contact:** Skin contact can produce irritation, or itching of the skin. Remove contaminated clothing Wash with soap and plenty of water. Seek medical attention if irritation persists..

### SECTION: 5. FIRE FIGHTING MEASURES

**Flammable Limits:** Flash Point: 360 °C closed cup

**Extinguishing media:** Carbon Dioxide, dry chemical or foam. Closed containers may build up pressure at elevated temperature

**Special Procedures:** Determine the need to evacuate or isolate the area according to your local emergency plan.

**Unusual Firefighting Hazards:** None identified.

**Protective Equipment:** Self-contained breathing apparatus and protective clothing should be worn when fighting fires involving oils or chemicals.

**Combustion Product:** Carbon Monoxide, Carbon Dioxide



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#### SECTION: 6. ACCIDENTAL RELEASE MEASURES

<b>Personal Precautions:</b>	Use of self-contained breathing apparatus is recommended for any major chemical spill. Refer also to section 8.
<b>Safety Precautions:</b>	Eliminate all ignition sources. Ventilate area. Determine the need to Evacuate or isolate the area according to your local emergency plan.
<b>Environmental Precautions:</b>	Keep away from drains, surface and ground water. Report spills to appropriate Authorities if required.
<b>Methods For Cleaning Up:</b>	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

<b>Handling:</b>	Good personal hygiene practices should be used. Contaminated clothing and shoes should be cleaned before re-use.
<b>Storage:</b>	Containers should be kept closed in order to minimize contamination. Store in a cool, dry, well ventilated place protected from light.

#### SECTION: 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

<b>Eyes Protection:</b>	The use of safety glasses is recommended.
<b>Respiratory Protection:</b>	In well- ventilated areas, respiratory protection is not normally required.
<b>Protective Equipment:</b>	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

<b>Appearance:</b>	Greenish yellow liquid
<b>Odor:</b>	Characteristic odor
<b>Solubility:</b>	Soluble in alcohol and oils. Insoluble in water.
<b>Relative Density:</b>	0.909 – 0.915 @°C
<b>Refractive Index:</b>	1.465 – 1.475 @°C
<b>Free Fatty Acids:</b>	<1 %
<b>% Unsaponifiables:</b>	<2.5 %
<b>Saponification Value:</b>	184 – 196
<b>Iodine Value:</b>	75 – 90
<b>Peroxide Value:</b>	<5 %
<b>Extraction Method:</b>	Solvent extracted from skin and seeds of olives left after pressing.

#### SECTION: 10. STABILITY AND REACTIVITY

<b>Stability:</b>	Chemically stable. This material presents no significant reactivity hazard.
<b>Conditions to Avoid:</b>	Avoid sparks, flame and excessive heat.
<b>Materials to Avoid:</b>	Strong oxidizing agents.
<b>Flammability:</b>	Combustible liquid.
<b>Hazardous Polymerization:</b>	Will not occur.
<b>Hazardous Combustion or Decomposition Products:</b>	None known. When heated to decomposition produces carbon dioxide and monoxide smoke.



**MATERIAL SAFETY DATA SHEET**

**SECTION: 11. TOXICOLOGICAL INFORMATION**

<b>Skin Contact:</b>	Repeated or prolonged contact can cause redness, irritation and scaling of skin (Dermatitis). Adverse skin effects should be prevented by normal care and personal hygiene
<b>Eye Contact:</b>	May irritate eyes.
<b>Ingestion:</b>	Low order toxicity causing irritation of the stomach and intestines which results in nausea and vomiting.
<b>Medical Conditions Aggravated by Exposure:</b>	May aggravate dermatitis, psoriasis and other skin conditions.
<b>Chronic Toxicity:</b>	May cause allergic reactions on skin
<b>Carcinogenicity Data:</b>	None of the components of this material are listed as a carcinogen.
<b>Reproductive Toxicity:</b>	No adverse effects on reproduction are known.
<b>Acute Toxicity Values:</b>	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**

<b>US DOT Shipping Description:</b>	Check appropriate authority
<b>IATA Shipping (Air):</b>	Check appropriate authority
<b>IMDG Shipping Description:</b>	Check appropriate authority

**SECTION: 15. REGULATORY INFORMATION**

<b>WHMIS (Canada):</b>	Not Available
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**SECTION: 16. OTHER INFORMATION**

**Revision Date:** June 9, 2011

**SECTION: 17. DISCLAIMER**

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# NEW DIRECTIONS

## A R O M A T I C S

### CERTIFICATE OF ANALYSIS

**Product:** Olive Pomace Carrier Oil  
**Lot No:** 15034-A12  
**Manufacturing Date:** July 2010  
**Expiry Date:** July 2012

<b>Properties</b>	<b>Specifications:</b>	<b>Results:</b>
<b>Appearance:</b>	Green liquid	Complies
<b>Odor:</b>	Characteristic odor	Complies
<b>Solubility:</b>	Soluble in alcohol and oils. Insoluble in water.	Complies
<b>Relative Density:</b>	0.909 – 0.915 @°C	Complies
<b>Refractive Index:</b>	1.465 – 1.475 @°C	Complies
<b>Free Fatty Acids:</b>	<1 %	Complies
<b>% Unsaponifiabiles:</b>	<2.5 %	Complies
<b>Saponification Value:</b>	184 – 196	Complies
<b>Iodine Value:</b>	75 – 90	Complies
<b>Peroxide Value:</b>	<5 %	Complies

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