



NEW DIRECTIONS AROMATICS

MATERIAL SAFETY DATA SHEET

SECTION: 1.1 PRODUCT IDENTIFICATION

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

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 acids

Palmitic Acid:	7.5 – 20 %	Oleic Acid:	55 – 83 %
Stearic Acid:	0.5 – 3 %	Linoleic Acid:	3.5 – 21 %

SECTION: 3. HAZARDS IDENTIFICATION

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

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.

Ingestion: 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

Flash Point: >100 °C

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

SECTION: 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Use of self-contained breathing apparatus is recommended for any major chemical spill.



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Safety Precautions:	Eliminate all ignition sources. Ventilate area. Determine the need to Evacuate or isolate the area according to your local emergency plan.
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:	. Good personal hygiene practices should be used. Contaminated clothing and shoes should be cleaned before re-use.
Storage:	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

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:	Gold to green liquid
Odor:	Characteristic odor
Solubility:	Soluble in alcohol and oils. Insoluble in water.
Relative Density:	0.910 – 0.920 @°C
Refractive Index:	1.465 – 1.475 @°C
Free Fatty Acids:	<1 %
% Unsaponifiables:	<1.5 %
Saponification Value:	184 – 196
Iodine Value:	75 – 95
Peroxide Value:	10 – 20 meq/kg
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	None known.
Decomposition Products:	When heated to decomposition produces carbon dioxide and monoxide smoke.

SECTION: 11. TOXICOLOGICAL INFORMATION

Skin Contact:	Repeated or prolonged contact may cause redness, irritation of skin
Eye Contact:	May irritate eyes.
Ingestion:	Low order toxicity causing irritation of the stomach and intestines which



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	results in nausea and vomiting.
Medical Conditions Aggravated	
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): Not Available

SECTION: 16. OTHER INFORMATION

Revision Date: January 4, 2012

SECTION: 17. DISCLAIMER

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CERTIFICATE OF ANALYSIS

Product: Olive Extra Virgin Carrier Oil

Lot No: 15017-A16

Best Before: December 2012

Properties	Specifications:	Results:
Appearance:	Yellowish to Green liquid	Complies
Odor:	Characteristic odor	Complies
Solubility:	Soluble in alcohol and oils. Insoluble in water.	Complies
Free Fatty Acids:	<1 %	0.4%
Peroxide Value:	<15 meq/kg	1.05

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www.newdirectionsaromatics.com



NEW DIRECTIONS AROMATICS

CERTIFICATE OF ANALYSIS

Product: Olive Extra Virgin Carrier Oil

Lot No: 15017-A15/B15

Best Before: July 2012

Properties	Specifications:	Results:
Appearance:	Yellowish to Green liquid	Complies
Odor:	Characteristic odor	Complies
Solubility:	Soluble in alcohol and oils. Insoluble in water.	Complies
Free Fatty Acids:	<1 %	0.58
Ca5a-40		
Peroxide Value:	<15 meq/kg	11.7
Cd8b		
Iodine Value:	75 – 95	84.3
Cd1-25		

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