



NEW DIRECTIONS AROMATICS

MATERIAL SAFETY DATA SHEET

SECTION: 1.1 PRODUCT IDENTIFICATION

Product Name: **Apricot Kernel Carrier Oil**
Botanical Name: *Prunus armeniaca*
Synonyms: *Armeniaca vulgaris, Amygdalus armeniaca, P. armeniaca var. vulgaris*
INCI Name: Prunus armeniaca (apricot) kernel oil
CAS #: 72869-69-3
Country of Origin: Chile

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

Composition			
Total Saturated:	~ 5.00 %	Oleic Acid Content:	56 – 70 %
Total Monounsaturated:	~ 65.0 %	Linoleic Acid Content	22 – 33 %
Total Polyunsaturated:	~ 30.0 %	Stearic Acid Content:	0.5 – 3. %0
Palmitic Acid Content:	~3 – 8 %		

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.

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.

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

Flash Point: 640 deg. F (open 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.



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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.

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: Avoid inhalation and contact with skin and eyes. 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. Keep away from extreme heat and from freezing conditions and away from all sources of ignition. Make sure the material does not come into contact with substances listed as: "Materials to Avoid".

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 Gloves: Using chemical resistant gloves is recommended.

Protective Clothing: Using chemical resistant clothing is recommended.

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: Pale yellow to golden yellow liquid.

Odor: Characteristic odor.

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

Relative Density: 0.910 – 0.930 @ 20°C

Refractive Index: 1.463 – 1.476

Free Fatty Acids: < 1.0

% Unsaponifiables: < 1.0

Saponification Value: 185 – 200

Iodine Value: 95 – 115

Peroxide Value: < 2.2

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.



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

SECTION: 11. TOXICOLOGICAL INFORMATION

Inhalation: Inhalation of high concentrations of vapor may result in irritation of eyes, nose and throat, headache, nausea, and dizziness.

Skin Contact: 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

Eye Contact: May irritate eyes.

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

Medical Conditions Aggravated by Exposure: May aggravate dermatitis, psoriasis and other skin conditions.

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

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: November 3, 2011



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SECTION: 17. DISCLAIMER

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CERTIFICATE OF ANALYSIS

Product: Apricot Kernel Carrier Oil
Product lot#: 15002-A21 to E21
Best Before: April 2012

<u>Property</u>	<u>Specification</u>	<u>Result</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:	0.910 – 0.930 @ 20°C	0.9184
Refractive Index:	1.463 – 1.476	1.4730
Free Fatty Acids:	< 1.0	Complies
% Unsaponifiables:	< 1.0	Complies
Saponification Value:	185 – 200	186
Iodine Value:	95 – 126	126
Peroxide Value:	< 2.2	0.3

DISCLAIMER:

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