



NEW DIRECTIONS

A R O M A T I C S

MATERIAL SAFETY DATA SHEET

SECTION: 1.1 PRODUCT IDENTIFICATION

Product Name: **Andiroba Carrier Oil**
Botanical Name: *Carapas guianensis*
INCI Name: Carapas guianensis (**Andiroba**) Oil
CAS #: 223748-14-9
County of Origin: Brazil

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

Compositions:

Palmitic	25 – 40	Linoleic	7 – 12
Palmitoleic	<2	Linolenic	0.5
Stearic	7 – 10	Araquidic	<2
Oleic	40 – 55	Behenic	<2

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: Do not induce vomiting. Never-give anything by mouth if victim is unconscious, is rapidly-losing or is Convulsing.

Skin Contact: Remove contaminated clothing Wash with soap and plenty of water.

SECTION: 5. FIRE FIGHTING MEASURES

Flammable Limits: 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



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SECTION: 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions:	In accordance with good industrial practice, wear suitable eye protection.
Safety Precautions:	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:	Wear standard eye protection. Good personal hygiene practices should be used. Contaminated clothing and shoes should be cleaned before re-use.
Storage:	Store in a cool, dry, well ventilated place protected from light. 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 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 viscous oily liquid.
Odor:	Characteristic odor.
Solubility:	Soluble in alcohol and oils. Insoluble in water.
Specific Gravity:	0.900 – 0.950 @ 20°C
Melting Point:	30 – 40 deg. C
Peroxide Value	Max. 5 meq O ₂ /kg
Acid Value	Max. 30 (%oleic)
Iodine Value	50 – 80 (Wijs)
Extraction Method	Cold pressed of the seed. 100% natural product. No solvent used.
Shelf-Life:	18 months when stored in a cool, dry, dark tightly sealed containers.

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:	Stable under normal use. When heated to decomposition produces carbon dioxide and monoxide smoke.



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SECTION: 11. TOXICOLOGICAL INFORMATION

Inhalation:	N/A
Skin Contact:	Not Expected to irritate
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:	Not expected to irritate
Chronic Toxicity:	Not expected to irritate
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

Expected to be ultimately biodegradable. No data on fish or bacterial toxicity. 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 23, 2011

SECTION: 17. DISCLAIMER

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NEW DIRECTIONS AROMATICS

CERTIFICATE OF ANALYSIS

Product: Andiroba Carrier Oil
Product Lot No: 15064-A03, B03/C03/D03/E03
Best Before: October 2012

Properties	Specifications:	Results:
Appearance:	Pale yellow to golden yellow viscous oily liquid.	Complies
Odor:	Characteristic odor.	Complies
Solubility:	Soluble in alcohol and oils. Insoluble in water.	Complies
Specific Gravity:	0.900 – 0.950 @ 20°C	Complies
Melting Point:	30 – 40 deg. C	Complies

DISCLAIMER:

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