



# NEW DIRECTIONS

## A R O M A T I C S

### MATERIAL SAFETY DATA SHEET

#### SECTION: 1.1 PRODUCT IDENTIFICATION

**Product Name:** Babassu Carrier Oil  
**Botanical Name:** *Oribignya oleifera*  
**Synonyms:** N/A  
**INCI Name:** N/A  
**CAS #:** N/A  
**Country 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

<b>Composition</b>	Lauric and myristic acids		
Fatty acid Percentage			
Lauric	50.0%	Palmitic	11.0%
Myristic	20.0%	Oleic	10.0%

#### 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:** 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:** >100 °C (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.

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



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#### SECTION: 6. ACCIDENTAL RELEASE MEASURES

<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>	Avoid inhalation and contact with skin and eyes. Good personal hygiene practices should be used. Wash after any contact, before breaks and meals, and at the end of the work period. Contaminated clothing and shoes should be cleaned before re-use.
<b>Storage:</b>	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

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

#### SECTION: 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	White solid
<b>Odor:</b>	Characteristic mild oily odour.
<b>Solubility:</b>	Soluble in alcohol and oils. Insoluble in water.
<b>Extraction Method:</b>	Cold pressed from the kernel of the babassu palm.

#### 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</b>	None known.
<b>Decomposition Products:</b>	When heated to decomposition produces carbon dioxide and monoxide smoke.

#### SECTION: 11. TOXICOLOGICAL INFORMATION

<b>Inhalation:</b>	Inhalation of high concentrations of vapor may result in irritation of eyes, nose and throat, headache, nausea, and dizziness.
<b>Skin Contact:</b>	Repeated or prolonged contact can cause redness, irritation and scaling of skin (Dermatitis).



**MATERIAL SAFETY DATA SHEET**

**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):** 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:** November 23, 2011

**SECTION: 17. DISCLAIMER**

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### CERTIFICATE OF ANALYSIS

**Product:** Babassu Carrier Oil

**Lot#** 15049-A10-1/B10-1

**Best Before:** November 2012

<u>Properties</u>	<u>Specifications</u>	<u>Results</u>
<b>Appearance:</b>	White solid	Complies
<b>Odor:</b>	Characteristic mild odor	Complies
<b>Solubility:</b>	Insoluble in water.	Complies
<b>Iodine Value Cd1-25</b>	19	17.5
<b>Free Fatty Acid (%) Ca5a-40</b>	0.24	0.175

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