



NEW DIRECTIONS AROMATICS

MATERIAL SAFETY DATA SHEET

SECTION: 1.1 PRODUCT IDENTIFICATION

Product Name: Copaiba Balsam Essential Oil
Botanical Name: *Copaifera officinalis*
Synonyms: *Copaifera officinalis* (Jacq) L., *Copaifera langsdorffii*
INCI Name: Copaifera officinalis balsam oil
CAS #: 8001-61-4
County of Origin: U.S.A.

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

Contents: β -caryophyllene, copaene, *trans*- α -bergamotene
CAS # 8001-61-4 FEMA Number NF EINECS Number 232-288-0 CAS Name: Copaiba Balsam

SECTION: 3. HAZARDS IDENTIFICATION

May be fatal if swallowed and enters airways.

Medical Information: If swallowed, immediately call a POISON CENTRE or a doctor.

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 AND SHOES. Wash with mild soap and plenty of water. Seek medical attention if irritation persists.

SECTION: 5. FIRE FIGHTING MEASURES

Flash Point: > 93.3°C Combustible liquid.

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.

Firefighting Hazards: When heated to decomposition, produces acrid smoke and fumes.

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

Combustion Product: Carbon Monoxide, Carbon Dioxide



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SECTION: 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions:	Use of self-contained breathing apparatus is recommended for any major chemical spill. Refer also to section 8.
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 non-combustible absorbent material and place in suitable container for disposal. Comply with all federal, provincial, 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. 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.
Storage:	Containers should be kept closed in order to minimize contamination. Store in a cool, dry, well ventilated place protected from direct sunlight. 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. If a material is to be handled in a manner where splashing may occur, the use of splash goggles or face shield is recommended
Respiratory Protection:	In well- ventilated areas, respiratory protection is not normally required. Use odor mask or organic vapor respirator only if vapors are found to be annoying / irritating.
Protective Gloves:	Using oil / solvent resistant gloves is recommended.
Protective Clothing:	Lab coats or coveralls recommended.
Protective Equipment:	An eyewash fountain and / or safety shower should be available in the work area. Acceptable industrial hygiene practices should be maintained.
Note:	These precautions are for room temperature handling. Use at elevated temperature or aerosol / spray applications may require additional precautions

SECTION: 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Yellow to brown viscid liquid that becomes thicker and darker when exposed to air.
Odor:	Characteristic balsamic somewhat warm honey-like odor.
Solubility:	Soluble in alcohol and oils, Insoluble in water.
Specific Gravity:	0.936@ 25° C
Refractive Index:	1.5062 @20° C
Vapor Pressure	< 0.001 mmHg @ 20° C
Extraction Method:	Steam distillation of crude resin.



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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:	None known. When heated to decomposition produces acrid smoke and fumes. Combustion may produce carbon dioxide and carbon monoxide.

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

Dispose of in accordance with local, provincial and federal regulations. Check with disposal expert to insure compliance

SECTION: 14. TRANSPORT INFORMATION

IMDG Shipping (Ocean)	Non- Hazardous
Packaging Group:	III Class: 3
EINECS: Number 232-288-0	FEMA: Number NF
US DOT Shipping Description:	Non-hazardous
IATA Shipping (Air):	Non-hazardous

SECTION: 15. REGULATORY INFORMATION

WHMIS (Canada):	N/A
HMIS (USA):	Health Hazard – 1 Flammability –1 Physical – 0 Personal Protection - B
SARA 313:	Not subject to SARA reporting
California Proposition 65:	This product does not contain chemical listed per the Safe



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EU Directive Classification:	R65	Drinking Water and Enforcement Act of 1986.
	S62	Harmful: may cause lung damage if swallowed. If swallowed, do not induce vomiting: seek medical advice immediately.
GHS Hazard / Precautionary Phrases	H304	May be fatal if swallowed and enters the airways.
	P301/310	If swallowed: Immediately call a POISON CENTRE or a doctor.
	P331	Do not induce vomiting
	P405	Store locked up
	P501	Dispose of contents/container in accordance with local/regional/national/international regulations.

SECTION: 16. OTHER INFORMATION

Revision Date: September 12, 2011

SECTION: 17. DISCLAIMER

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CERTIFICATE OF ANALYSIS

Product: Copaiba Balsam Essential Oil
Lot No.: 11041-A07
Manufacturing Date: January 2011
Best Before: January 2013

<u>Property</u>	<u>Specification</u>	<u>Result</u>
Appearance:	Yellow to brown viscid liquid that becomes thicker and darker when exposed to air.	Complies
Odor:	Characteristic balsamic somewhat warm honey-like odor.	Complies
Solubility:	Soluble in alcohol and oils, Insoluble in water.	Complies
Specific Gravity:	0.936 @ 25° C	0.9360
Refractive Index:	1.5062 @20° C	1.5062

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