

## 1. PRODUCT AND COMPANY IDENTIFICATION

Product name	:	Amyris Essential Oil
Botanical name	:	Amyris Balsamifera
INCI name	:	Amyris Balsamifera Bark Oil
CAS #	:	90320-49-3
Country of Origin	:	Dominican Republic
EINECS #	:	291-076-6
Product use	:	Domestic and Industrial
Supplier	:	New Directions Aromatics Inc.
Address	:	6781 Columbus Road, Mississauga, Ontario, CANADA L5T 2G9
Fax	:	905-362-1926
Telephone number	:	905-362-1915
Emergency phone number	:	(613)-996-6666 CANUTEC 24 HOUR EMERGENCY

## 2. HAZARDS IDENTIFICATION

### Emergency Overview

### GHS Classification

Hazardous to the aquatic environment, acute hazard - Category 3

Hazardous to the aquatic environment, long-term hazard - Category 3

### GHS Label elements, including precautionary statements

Signal: Warning

### Hazard statement(s)

H402 Harmful to aquatic life.

H412 Harmful to aquatic life with long-lasting effects.

### Precautionary statement(s)

P273 Avoid release to the environment.

P501 Dispose of contents/container according to local regulations.

## 3. COMPOSITION / INFORMATION INGREDIENTS

Product Name	CAS NO	EC NO	Concentration
Amyris Balsamifera Bark Oil	90320-49-3	291-076-6	100 %

## 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.

### 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.

### **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.

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## **5. FIRE FIGHTING MEASURES**

### **Suitable extinguishing media**

Foam. Dry Powder. Carbon dioxide.

### **Unsuitable extinguishing media**

Water spray, water jet.

### **Special protective equipment and precautions for fire-fighters**

Determine the need to evacuate or isolate the area according to your local emergency plan. Firefighters should wear positive pressure self-contained breathing apparatus and protective clothing.

### **Resulting gases**

Carbon oxides.

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## **6. ACCIDENTAL RELEASE MEASURES**

### **Personal precautions, protective equipment and emergency procedures.**

Use of self-contained breathing apparatus is recommended for any major chemical spill. Refer also to section 8. 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 and materials for containment and 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.

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## **7. HANDLING AND STORAGE**

### **Precautions for safe 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.

### **Conditions for safe storage, including any incompatibilities**

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".

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## **8. EXPOSURE CONTROLS AND PERSONAL PROTECTION**

### **Exposure controls**

An eyewash fountain and / or safety shower should be available in the work area. Acceptable industrial hygiene practices should be maintained. These precautions are for room temperature handling. Use at elevated temperature or aerosol / spray applications may require additional precautions

### **Eyes**

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.

### **Skin**

Using chemical resistant gloves and clothing is recommended.

### **Respiratory**

In well-ventilated areas, respiratory protection is not normally required. In confined, poorly ventilated areas the use of "NIOSH" approved respiratory protection normally required (use only if trained in proper use and with acceptable oxygen level).

## **9. PHYSICAL AND CHEMICAL PROPERTIES**

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Appearance	:	Colorless to pale yellow clear liquid.
Odor	:	Distinct wood-like odor reminiscent of sandalwood.
Flash point	:	> 93.33°C
Relative density	:	0.950 to 0.970 @ 20°C
Solubility (ies)	:	Insoluble in water.
Refractive index	:	1.502 to 1.512 @ 20°C
Optical rotation	:	15° to 40°

## **10. STABILITY AND REACTIVITY**

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### **Reactivity**

This material presents no significant reactivity hazard.

### **Chemical stability**

Chemically stable.

### **Conditions to avoid**

Avoid sparks, flame and excessive heat.

### **Incompatible materials**

Strong oxidizing agents.

### **Hazardous decomposition products**

Carbon Oxides.

## **11. TOXICOLOGICAL INFORMATION**

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### **Acute toxicity**

No data is currently available.

### **Carcinogenicity**

None of the components of this material are listed as a carcinogen.

### **IARC**

Not considered carcinogenic according to IARC.

### **NTP**

Not considered carcinogenic according to NTP.

### **OSHA**

Not considered carcinogenic according to OSHA.

### **Chronic toxicity**

May cause allergic reactions on skin.

### **Reproductive toxicity**

No adverse effects on reproduction are known.

### **Inhalation**

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

**Skin contact**

Adverse skin effects should be prevented by normal care and personal hygiene.

**Repeated exposure**

Repeated or prolonged contact may cause redness, irritation and scaling of skin (Dermatitis).

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**12. ECOLOGICAL INFORMATION**

**Ecotoxicity**

Toxic to aquatic organisms, may cause long-term adverse effects environment. Avoid any pollution of ground, surface or underground water.

**Bio - accumulative potential**

Not available.

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**13. DISPOSAL CONSIDERATION**

Dispose of product in accordance with local, state or provincial and federal regulations. Check with local municipal authority to ensure compliance.

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**14. TRANSPORT INFORMATION**

**US DOT Shipping Description (Land)**

Not regulated.

**IMO-IMDG Shipping Description (Sea)**

Not regulated.

**IATA Shipping Description (Air)**

Not regulated.

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**15. REGULATORY INFORMATION**

**SARA 313**

None of the components of this product is subjected to the reporting requirements of SARA 313.

**GHS Hazard Statements**

Please refer to section 2.

**GHS Precautionary Statements**

Please refer to section 2.

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**16. OTHER INFORMATION**

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**Disclaimer & Caution**

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