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MATERIAL SAFETY DATA SHEET

Amyris Oil

1. IDENTIFICATION

Product Name	Amyris Oil
Product No.	01-3050-BP
Synonyms, Trade Names	Amyris balsamifera oil
Identified uses	Fragrance Flavors Household Products

2. HAZARD(S) IDENTIFICATION

Appearance	Clear liquid.
Color	Pale yellow to yellow
Odor	Woody, amber
GHS Pictogram	



Signal Word	Warning
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Hazard Statements

H315	Causes skin irritation.
H319	Causes serious eye irritation.

Precautionary Statements

P280	Wear protective gloves/protective clothing/eye protection/face protection.
P305+351+338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P313	Get medical advice/attention.

GHS Classification

Physical and Chemical Hazards	Not classified.
Human health	Skin Irrit. 2 - H315; Eye Irrit. 2 - H319
Environment	Not classified.

OSHA Regulatory Status

This Product is Hazardous under the OSHA Hazard Communication Standard.

Inhalation

May cause irritation to the respiratory system.

Ingestion

May cause discomfort if swallowed.

Skin Contact

Prolonged contact may cause redness and irritation.

Eye Contact

May cause temporary eye irritation.

Amyris Oil

3. COMPOSITION/INFORMATION ON INGREDIENTS

Amyris Oil	100%
CAS No.: 8015-65-4	EC No.:
GHS Classification Skin Irrit. 2 - H315; Eye Irrit. 2 - H319	

Ingredient Notes

100% Natural Complex Substance

4. FIRST-AID MEASURES

Description of first aid measures

Inhalation

Remove victim immediately from source of exposure. Move into fresh air and keep at rest.

Ingestion

If swallowed, do NOT induce vomiting. Give victim a glass of water or milk. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.

Skin Contact

Remove contaminated clothing immediately and wash skin with soap and water.

Eye Contact

Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart.

Most important symptoms and effects, both acute and delayed

Inhalation

May cause an asthma-like shortness of breath.

Ingestion

May cause discomfort if swallowed.

Skin Contact

Prolonged skin contact may cause redness and irritation.

Eye Contact

May cause temporary eye irritation.

Indication of any immediate medical attention and special treatment needed

5. FIRE-FIGHTING MEASURES

Flash point (°C) >100°C

Extinguishing Media

Extinguish with foam, carbon dioxide or dry powder.

Unsuitable extinguishing media

Do not use water jet as an extinguisher, as this will spread the fire.

Hazardous combustion products

None under normal conditions.

Special Fire Fighting Procedures

If possible, fight fire from protected position.

Protective Equipment For Fire-Fighters

Use protective equipment appropriate for surrounding materials.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions

Wear protective clothing as described in Section 8 of this material safety data sheet.

Environmental Precautions

Do not discharge into drains, water courses or onto the ground.

Amyris Oil

Spill Clean Up Methods

Contain spilled liquid with sand or earth. DO NOT use combustible materials such as sawdust. Retain all contaminated water for removal and treatment.

7. HANDLING AND STORAGE

Handling

Avoid spilling, skin and eye contact.

Storage

Keep in original container. Keep containers tightly closed.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Protective Equipment



Respiratory Equipment

If ventilation is insufficient, suitable respiratory protection must be provided.

Hand Protection

Protective gloves must be used if there is a risk of direct contact or splash.

Eye Protection

Wear goggles/face shield.

Other Protection

Wear rubber apron.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Clear liquid.
Color	Pale yellow to yellow
Odor	Woody, amber
Relative density	0.946 to 0.978 20°C
Flash point	>100°C
Refractive Index	1.500 to 1.512

10. STABILITY AND REACTIVITY

Reactivity

No specific reactivity hazards associated with this product.

Stability

Stable under normal temperature conditions and recommended use.

None if used according to storage & handling conditions & identified uses

Conditions To Avoid

Avoid excessive heat for prolonged periods of time.

Hazardous Decomposition Products

None under normal conditions.

11. TOXICOLOGICAL INFORMATION

Acute toxicity:

Acute Toxicity (Oral LD50)

4540 mg/kg Rat

12. ECOLOGICAL INFORMATION

Ecotoxicity

The product is not expected to be hazardous to the environment.

13. DISPOSAL CONSIDERATIONS

Waste Management

Waste is classified as hazardous waste. Disposal to licensed waste disposal site in accordance with the local Waste Disposal Authority.

Disposal Methods

Dispose of waste and residues in accordance with local authority requirements.

14. TRANSPORT INFORMATION

General	Not regulated.
Road Transport Notes	Not regulated.
Rail Transport Notes	Not regulated.
Sea Transport Notes	Not regulated.
Air Transport Notes	Not regulated.

Environmentally Hazardous Substance/Marine Pollutant
No.

15. REGULATORY INFORMATION

Regulatory Status (US)

This Product is Hazardous under the OSHA Hazard Communication Standard.

Regulatory References

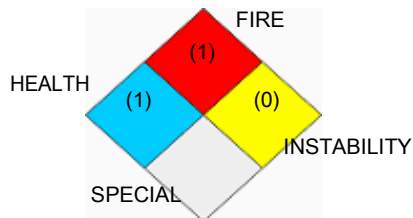
29 CFR 1910.1010 Federal Regulations (OSHA Standard).

US Federal Regulations

US State Regulations

16. OTHER INFORMATION

NATIONAL FIRE PROTECTION ASSOCIATION (NFPA)



Disclaimer

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.