

## **SAFETY DATA SHEET**

**In accordance with 29 CFR 1910.1200**

**Product:** Bay Laurel Oil

**Version:** 1

### **1. IDENTIFICATION**

#### **Product Identifier**

**Product identifier:** Bay Laurel Oil; CAS: 8007-48-5  
**Other identifiers:** Bay Laurel Oil LauNob2 Laurus nobilis

#### **Recommended use of the chemical and restrictions on use**

**Product uses:** Essential Oil

#### **Supplier Details**

**Company name:** Artisan Aromatics  
**Company address:** 1708 Lena Street, #103  
Santa Fe, NM 87505  
**Contact:** Stephanie Ariel  
**E-Mail address:** hello@artisanaromatics.com  
**Company phone:** 505-231-93439

#### **Emergency telephone number**

**Emergency phone:** ChemTel: 1-800-255-3924 (Domestic)

### **2. HAZARD IDENTIFICATION**

#### **Classification**

**This product is classified under 29CFR 1910.1200(d) as follows:**

This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200)

**Class and category of danger:** Flammable Liquid, Hazard Category 3  
Skin Corrosion / Irritation Category 2  
Eye Damage / Irritation Category 2A  
Sensitization - Skin Category 1  
Germ Cell Mutagenicity Category 2  
Carcinogenicity Category 2  
Aspiration Hazard Category 1

**Signal word:** Danger

**Hazard statements:** Flammable liquid and vapour.  
May be fatal if swallowed and enters airways.  
Causes skin irritation.  
May cause an allergic skin reaction.  
Causes serious eye irritation.  
Suspected of causing genetic defects (exposure route).  
Suspected of causing cancer (exposure route).

**M factor:** None

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**Pictograms:**



**Precautionary statements:**

Do not handle until all safety precautions have been read and understood.  
Keep away from heat, sparks, open flames and hot surfaces. - No smoking.  
Keep container tightly closed.  
Ground/bond container and receiving equipment.  
Use explosion-proof electrical, ventilating and lighting equipment.  
Use only non-sparking tools.  
Take precautionary measures against static discharge.  
Avoid breathing vapour or dust.  
Wash hands and other contacted skin thoroughly after handling.  
Contaminated work clothing should not be allowed out of the workplace.  
Wear protective gloves/eye protection/face protection.  
IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.  
IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.  
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
IF exposed or concerned: Get medical advice/attention.  
Do not induce vomiting.  
If skin irritation or rash occurs: Get medical advice/attention.  
If eye irritation persists: Get medical advice/attention.  
Take off contaminated clothing and wash before reuse.  
In case of fire: Use carbon dioxide, dry chemical, foam for extinction.  
Store in a well-ventilated place. Keep cool.  
Store locked up.  
Dispose of contents/container to approved disposal site, in accordance with local regulations.

**Hazards not otherwise classified (HNOC)** None

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Substances**

**Product identifier:** Bay Laurel Oil; CAS: 8007-48-5

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**Contains:**

Name	CAS	%	GHS Classification
Eucalyptol	470-82-6	20-<50%	Flam. Liq. 3-Skin Sens. 1B;H226-H317
Linalool	78-70-6	5-<10%	Flam. Liq. 4-Skin Irrit. 2-Eye Irrit. 2A-Skin Sens. 1B;H227-H315-H317-H319
Sabinene	127-91-3	5-<10%	Flam. Liq. 3-Skin Irrit. 2-Skin Sens. 1B-Asp. Tox 1;H226-H304-H315-H317
alpha-Pinene	80-56-8	5-<10%	Flam. Liq. 3-Acute Tox. 4-Skin Irrit. 2-Skin Sens. 1B-Asp. Tox 1;H226-H302-H304-H315-H317
beta-Pinene	127-91-3	1-<5%	Flam. Liq. 3-Skin Irrit. 2-Skin Sens. 1B-Asp. Tox 1;H226-H304-H315-H317
4-Carvomenthenol	562-74-3	1-<5%	Flam. Liq. 4-Acute Tox. 4-Skin Irrit. 2-Eye Irrit. 2A;H227-H302-H315-H319
Limonene	138-86-3	1-<5%	Flam. Liq. 3-Skin Irrit. 2-Skin Sens. 1B-Asp. Tox 1;H226-H304-H315-H317
Eugenol	97-53-0	1-<5%	Eye Irrit. 2A-Skin Sens. 1B;H317-H319
alpha-Terpineol	98-55-5	1-<5%	Flam. Liq. 4-Skin Irrit. 2-Eye Irrit. 2A;H227-H315-H319
p-Cymene	99-87-6	1-<5%	Flam. Liq. 3-Asp. Tox 1;H226-H304
p-Mentha-1,4-diene	99-85-4	1-<5%	Flam. Liq. 3-Asp. Tox 1;H226-H304
beta-Caryophyllene	87-44-5	0.1-<1%	Skin Sens. 1B-Asp. Tox 1;H304-H317
Nerol	106-25-2	0.1-<1%	Skin Irrit. 2-Eye Irrit. 2A-Skin Sens. 1B;H315-H317-H319
Estragole	140-67-0	0.1-<1%	Flam. Liq. 4-Acute Tox. 4-Skin Sens. 1B-Muta. 2-Carc. 2;H227-H302-H317-H341-H351
Linalyl acetate	115-95-7	0.1-<1%	Flam. Liq. 4-Skin Irrit. 2-Eye Irrit. 2B-Skin Sens. 1B;H227-H315-H317-H320
delta-3-Carene	13466-78-9	<0.1%	Flam. Liq. 3-Skin Irrit. 2-Skin Sens. 1-Asp. Tox 1;H226-H304-H315-H317

The exact percentage concentrations of components are being withheld as a trade secret.

### 4. FIRST-AID MEASURES

#### Description of first aid measures

**Inhalation:** Remove from exposure site to fresh air, keep at rest, and obtain medical attention.

**Eye exposure:** IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

**Skin exposure:** IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.

**Ingestion:** IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

#### Most important symptoms and effects, both acute and delayed

May be fatal if swallowed and enters airways.

Causes skin irritation.

May cause an allergic skin reaction.

Causes serious eye irritation.

Suspected of causing genetic defects (exposure route).

Suspected of causing cancer (exposure route).

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**Indication of immediate medical attention and special treatment needed, if necessary**

Treat symptomatically

### **5. FIRE-FIGHTING MEASURES**

**Extinguishing media**

Suitable media: Carbon dioxide, Dry chemical, Foam.

**Specific hazards arising from the chemical**

In case of fire, may be liberated: Carbon monoxide, Unidentified organic compounds.

**Protective Equipment and Precautions for Firefighters**

In case of insufficient ventilation, wear suitable respiratory equipment.

### **6. ACCIDENTAL RELEASE MEASURES**

**Personal precautions, protective equipment and emergency procedures:**

Avoid inhalation. Avoid contact with skin and eyes. See protective measures under Section 7 and 8.

**Methods and material for containment and cleaning up:**

Remove ignition sources. Provide adequate ventilation. Avoid excessive inhalation of vapours. Contain spillage immediately by use of sand or inert powder. Dispose of according to local regulations.

### **7. HANDLING AND STORAGE**

**Precautions for safe handling:**

Keep away from heat, sparks, open flames and hot surfaces. - No smoking.

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

Ground/bond container and receiving equipment.

Use only non-sparking tools.

Take precautionary measures against static discharge.

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

**Control parameters**

**Exposure guidelines**

This product does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

**Other exposure guidelines**

No information available

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### Exposure controls

#### **Engineering measures**

Showers, eyewash stations, ventilation systems.

### Individual protection measures, such as personal protective equipment

#### **Eye/Face and Skin Protection**

Wear protective gloves/eye protection/face protection, and suitable protective clothing

#### **Respiratory protection**

If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations. A NIOSH-approved air-purifying respirator with an organic vapor cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits. Protection provided by air-purifying respirators is limited. Use a positive pressure, air-supplied respirator if there is any potential for uncontrolled release, exposure levels are not known or any other circumstances where air-purifying respirators may not provide adequate protection.

#### **Hygiene measures**

Handle in accordance with good industrial hygiene and safety practice.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Physical and chemical properties

<b>Appearance:</b>	Not determined
<b>Odor:</b>	Not determined
<b>Odor threshold:</b>	Not determined
<b>pH:</b>	Not determined
<b>Melting point / freezing point:</b>	Not determined
<b>Initial boiling point / range:</b>	Not determined
<b>Flash point:</b>	126 °F / 52 °C
<b>Evaporation rate:</b>	Not determined
<b>Flammability (solid, gas):</b>	Not determined
<b>Upper/lower flammability or explosive limits:</b>	Product does not present an explosion hazard
<b>Vapor pressure:</b>	Not determined
<b>Vapor density:</b>	Not determined
<b>Relative density:</b>	Not determined
<b>Solubility(ies):</b>	Not determined
<b>Partition coefficient: n-octanol/water:</b>	Not determined
<b>Auto-ignition temperature:</b>	Not determined
<b>Decomposition temperature:</b>	Not determined
<b>Viscosity:</b>	Not determined

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**Other information:** None available

### **10. STABILITY AND REACTIVITY**

**Reactivity:**

Presents no significant reactivity hazard, by itself or in contact with water.

**Chemical stability:**

Good stability under normal storage conditions.

**Possibility of hazardous reactions:**

Not expected under normal conditions of use.

**Conditions to avoid:**

Avoid extreme heat.

**Incompatible materials:**

Avoid contact with strong acids, alkalis or oxidising agents.

**Hazardous decomposition products:**

Not expected.

### **11. TOXICOLOGICAL INFORMATION**

**Information on toxicological effects**

<b>Acute Toxicity:</b>	Based on available data the classification criteria are not met.
Acute Toxicity Oral	3950 mg/kg
Acute Toxicity Dermal	>5000
Acute Toxicity Inhalation	Not Available
<b>Skin corrosion/irritation:</b>	Skin Corrosion / Irritation Category 2
<b>Serious eye damage/irritation:</b>	Eye Damage / Irritation Category 2A
<b>Respiratory or skin sensitisation:</b>	Sensitization - Skin Category 1
<b>Germ cell mutagenicity:</b>	Germ Cell Mutagenicity Category 2
<b>Carcinogenicity:</b>	Carcinogenicity Category 2
<b>Reproductive toxicity:</b>	Based on available data the classification criteria are not met.
<b>STOT-single exposure:</b>	Based on available data the classification criteria are not met.
<b>STOT-repeated exposure:</b>	Based on available data the classification criteria are not met.
<b>Aspiration hazard:</b>	

**Additional Information** None available

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### 12. ECOLOGICAL INFORMATION

**Ecotoxicity:**

Toxic to aquatic life with long lasting effects.

**Persistence and degradability:** Not available

**Bioaccumulative potential:** Not available

**Mobility in soil:** Not available

**Other adverse effects:** Not available

### 13. DISPOSAL CONSIDERATIONS

**Waste treatment**

Dispose of in accordance with local regulations. Avoid disposing into drainage systems and into the environment. Empty containers should be taken to an approved waste handling site for recycling or disposal.

### 14. TRANSPORT INFORMATION

	14.1 UN number:	14.2 UN Proper Shipping Name:	14.3 Transport hazard class(es):	Sub Risk:	14.4. Packing Group:
<b>UN Model Regulations</b>	UN1169	EXTRACTS, AROMATIC, LIQUID	3	-	III
<b>US DOT</b>	None	-			-
<b>US DOT (Bulk)</b>	NA1993	COMBUSTIBLE LIQUID, N.O.S. (2-Methylbutyraldehyde, Eucalyptol)			III
<b>IMDG</b>	UN1169	EXTRACTS, AROMATIC, LIQUID (Sabinene) MARINE POLLUTANT	3	-	III
<b>ADR,RID,ADN</b>	UN1169	EXTRACTS, AROMATIC, LIQUID	3	-	III
<b>ICAO TI</b>	UN1169	EXTRACTS, AROMATIC, LIQUID	3	-	III

US DOT refers to domestic transport by road/rail within the 48 ground states

US DOT (Bulk) refers to domestic bulk transport by road/rail within the 48 ground states.

**Environmental hazards:** This is an environmentally hazardous substance.

**Special precautions for user:** None additional

**Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:**

Not applicable

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### **15. REGULATORY INFORMATION**

#### **Safety, health and environmental regulations/legislation specific for the substance or mixture**

RIFM ID Number: 476-E2.12

LM Unique Identifier: LM4260

#### **Additional information**

None additional

### **16. OTHER INFORMATION**

#### **Key to revisions:**

Not applicable

The information in this safety data sheet is to the best of our knowledge true and accurate but all data, instructions, recommendations and/or suggestions are made without guarantee.



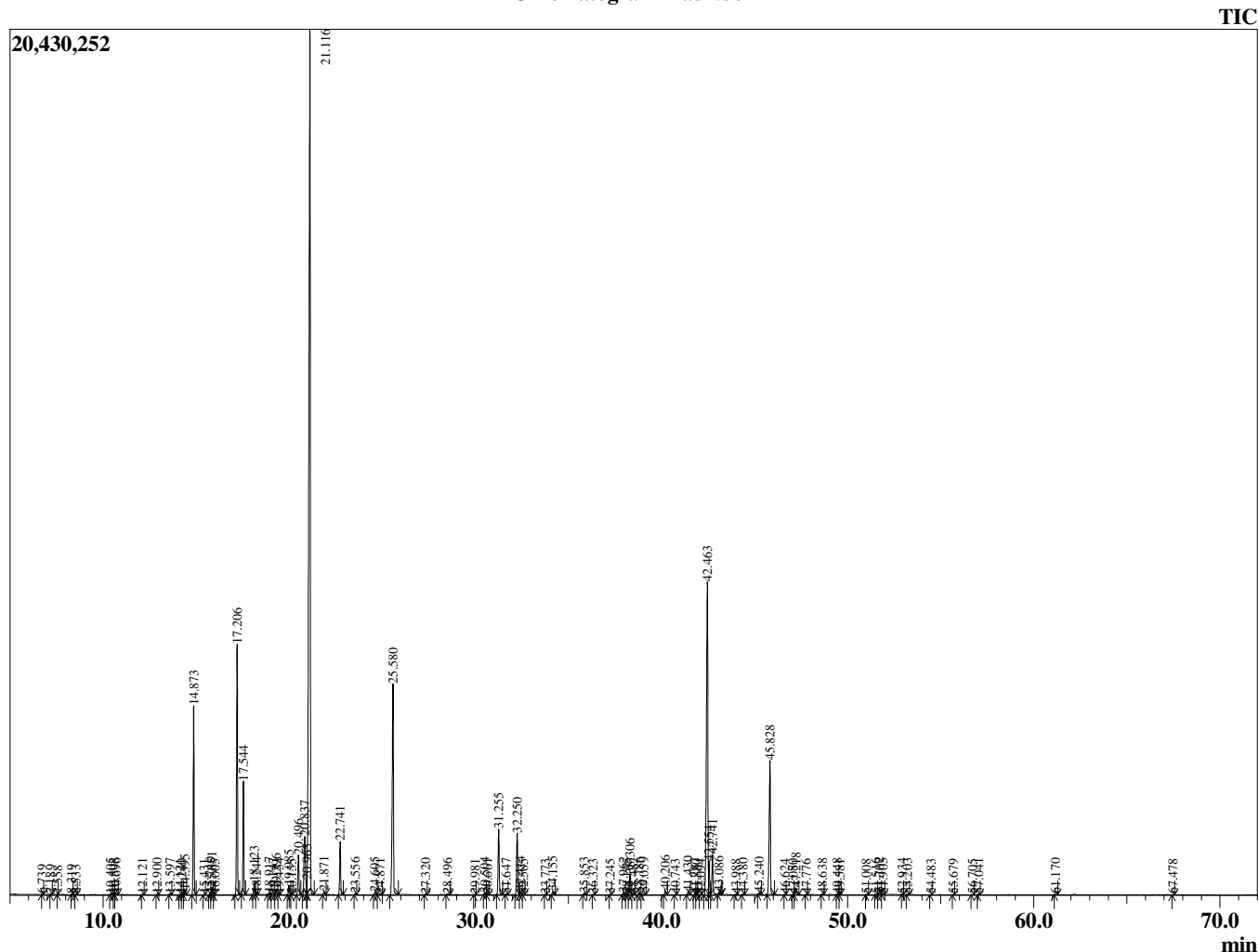
# Sample Information

Analyzed by : A. Mattingly  
 Analyzed : 12/2/2020 11:14:11 AM  
 Sample Type : Essential Oil  
 Sample Name : LauNob2  
 Injection Volume : 0.10  
 Lot Number : H0D1130A  
 Instrument : GC-2

## Peak Report TIC

R.Time	Name	Area%
6.739	Methyl pyrrole	0.01
7.189	Ethyl isobutyrate	0.01
7.558	Unidentified	0.00
8.319	Isopropyl isobutyrate	0.02
8.533	Hexanal	0.01
10.405	Ethyl 2-methylbutyrate	0.02
10.598	Ethyl isovalerate	0.02
10.696	Hex-3(Z)-enol	0.04
12.121	Isopropyl 2-methybutyrate	0.01
12.900	Heptan-2-ol	0.01
13.597	Isobutyl isobutyrate	0.02
14.121	Hashishene	0.01
14.240	Tricyclene	0.01
14.395	alpha-Thujene	0.12
14.873	alpha-Pinene	5.25
15.431	Thuja-2,4(10)diene	0.01
15.740	alpha-Fenchene	0.04
15.851	Camphene	0.22
16.005	Isobutyl butyrate	0.01
17.206	Sabinene	7.50
17.544	beta-Pinene	3.25
18.123	Myrcene	0.39
18.244	dehydro-1,8-Cineole	0.05
18.917	Isobutyl 2-methylbutyrate	0.05
19.147	Pseudolimonene	0.02
19.296	alpha-Phellandrene	0.17
19.454	delta-3-Carene	0.02
19.985	alpha-Terpinene	0.28
20.155	meta-Cymene	0.01
20.496	para-Cymene	1.35
20.837	Limonene	2.68
20.965	beta-Phellandrene	0.13
21.116	1,8-cineole	39.41
21.871	(E)-beta-Ocimene	0.09
22.741	gamma-Terpinene	1.65
23.556	trans-Sabinene hydrate	0.05
24.605	Terpinolene	0.09
24.871	2-Nonanone	0.03
25.580	Linalool	8.39
27.320	cis-para-Menth-2-en-1-ol	0.02
28.496	trans-Pinocarveol	0.04
29.981	Pinocaryone	0.01
30.504	Terpineol isomer	0.06
30.661	Borneol	0.02
31.255	Terpinen-4-ol	2.25
31.647	Cryptone	0.01
32.250	alpha-Terpineol	2.21
32.414	Methyl chavicol	0.13
32.585	Unidentified	0.01
33.773	alpha-Fenchyl acetate	0.01
34.155	Nerol	0.12
35.853	Linalyl acetate	0.06
36.323	Unidentified	0.01
37.245	Unidentified	0.01
37.962	Unidentified	0.07
38.145	Unidentified	0.02
38.306	Bornyl acetate	0.71
38.482	Isobornyl acetate	0.03
38.786	2-Undecanone	0.08
39.059	4-Terpinyl acetate	0.06
40.206	delta-Terpinyl acetate	0.16
40.743	Unidentified	0.01

## Chromatogram LauNob2



R.Time	Name	Area%
41.430	beta-Terpinyl acetate	0.12
41.787	Unidentified	0.02
41.880	Unidentified	0.01
42.094	Unidentified	0.01
42.463	alpha-Terpinyl acetate	13.83
42.554	gamma-Terpinyl acetate	0.92
42.741	Eugenol	1.50
43.086	Neryl acetate	0.08
43.988	alpha-Ylangene	0.01
44.380	Isocaryophyllene	0.02
45.240	beta-Elemene	0.06
45.828	Methyleugenol	5.30
46.624	Junipene	0.01
47.080	Unidentified	0.01
47.218	trans-beta-Caryophyllene	0.26
47.776	Unidentified	0.01
48.638	(E)-Cinnamyl acetate	0.02
49.448	alpha-Humulene	0.03
49.581	Unidentified	0.01
51.008	Germacrene D	0.01
51.516	beta-Selinene	0.01
51.702	(E)-Methyl isoeugenol	0.07
51.905	Bicyclogermacrene	0.02
52.934	gamma-Cadinene	0.01
53.203	delta-Cadinene	0.02
54.483	Unidentified	0.01
55.679	Unidentified	0.01
56.705	Spathulenol	0.02
57.041	Caryophyllene oxide	0.03
61.170	alpha-Eudesmol	0.03
67.478	Unidentified	0.01
		100.00