



**Artisan Aromatics**  
1708 Lena Street, #103  
Santa Fe, NM 87505  
(505) 231-9439

## SAFETY DATA SHEET

In accordance with 29 CFR 1910.1200

**Product:** Lavender Oil

**Version:** 2

### 1. IDENTIFICATION

#### Product Identifier

**Product identifier:** Lavender Oil; CAS: 8000-28-0

**Other identifiers:** Lavender Oil Bulgaria Lavandula angustifolia

#### 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

hello@artisanaromatics.com

**E-Mail address:**

**Company phone:** 505-231-9439

#### 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 4

Skin Corrosion / Irritation Category 2

Eye Damage / Irritation Category 2A

Sensitization - Skin Category 1B

Aspiration Hazard Category 1

**Signal word:** Danger

**Hazard statements:** Combustible liquid.

May be fatal if swallowed and enters airways.

Causes skin irritation.

May cause an allergic skin reaction.

Causes serious eye irritation.

**M factor:** None

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**Pictograms:**



**Precautionary statements:**

Keep away from heat, sparks, open flames and hot surfaces. - No smoking.  
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: Wash with plenty of soap and water.  
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
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:** Lavender Oil; CAS: 8000-28-0

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**Contains:**

Name	CAS	%	GHS Classification
Linalyl acetate	115-95-7	20-<50%	Flam. Liq. 4-Skin Irrit. 2-Eye Irrit. 2B-Skin Sens. 1B;H227-H315-H317-H320
Linalool	78-70-6	20-<50%	Flam. Liq. 4-Skin Irrit. 2-Eye Irrit. 2A-Skin Sens. 1B;H227-H315-H317-H319
cis-beta-Ocimene	3338-55-4	5-<10%	Flam. Liq. 3-Skin Irrit. 2-Asp. Tox 1;H226-H304-H315
4-Carvomenthenol	562-74-3	1-<5%	Flam. Liq. 4-Acute Tox. 4-Skin Irrit. 2-Eye Irrit. 2A;H227-H302-H315-H319
beta-Caryophyllene	87-44-5	1-<5%	Skin Sens. 1B-Asp. Tox 1;H304-H317
trans beta-Ocimene	3779-61-1	1-<5%	Skin Irrit. 2-Asp. Tox 1;H304-H315
alpha-Terpineol	98-55-5	1-<5%	Flam. Liq. 4-Skin Irrit. 2-Eye Irrit. 2A;H227-H315-H319
1-Octen-3-yl acetate	2442-10-6	0.1-<1%	Flam. Liq. 4-Acute Tox. 4-Skin Sens. 1B;H227-H302-H317
Eucalyptol	470-82-6	0.1-<1%	Flam. Liq. 3-Skin Sens. 1B;H226-H317
Geranyl acetate	105-87-3	0.1-<1%	Skin Irrit. 2-Skin Sens. 1;H315-H317
Neryl acetate	141-12-8	0.1-<1%	Skin Irrit. 2-Skin Sens. 1B;H315-H317
d-Limonene	5989-27-5	0.1-<1%	Flam. Liq. 3-Skin Irrit. 2-Skin Sens. 1B-Asp. Tox 1;H226-H304-H315-H317
d-Camphor	464-49-3	0.1-<1%	Flam. Liq. 4-Flam. Sol. 2-Acute Tox. 4-Acute Tox. 4-STOT SE 2;H227-H228-H302-H332-H371
alpha-Pinene	80-56-8	0.1-<1%	Flam. Liq. 3-Acute Tox. 4-Skin Irrit. 2-Skin Sens. 1B-Asp. Tox 1;H226-H302-H304-H315-H317
Nerol	106-25-2	0.1-<1%	Skin Irrit. 2-Eye Irrit. 2A-Skin Sens. 1B;H315-H317-H319
Terpinolene	586-62-9	0.1-<1%	Flam. Liq. 4-Skin Sens. 1B-Asp. Tox 1;H227-H304-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: Wash with plenty of soap and water.

**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.

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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. Use personal protective equipment as required. Use in accordance with good manufacturing and industrial hygiene practices. Use in areas with adequate ventilation. Do not eat, drink or smoke when using this product.

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

Store in a well-ventilated place. Keep container tightly closed. Keep cool. 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.

## 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



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No information available

### **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>	165 °F / 74 °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

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**Viscosity:** Not determined

**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	>5000
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 1B
<b>Germ cell mutagenicity:</b>	Based on available data the classification criteria are not met.
<b>Carcinogenicity:</b>	Based on available data the classification criteria are not met.
<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:**

Harmful 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:
UN Model Regulations	None	-			-
US DOT	None	-			-
US DOT (Bulk)	None	-			-
IMDG	None	-			-
ADR,RID,ADN	None	-			-
ICAO TI	None	-			-

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:** Not environmentally hazardous for transport

**Special precautions for user:** None additional

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

Not classified



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### **15. REGULATORY INFORMATION**

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

RIFM ID Number: 169-F2.12

LM Unique Identifier: LM5203

#### **Additional information**

None additional

### **16. OTHER INFORMATION**

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

3 Composition/information on ingredients

Product identifier

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.



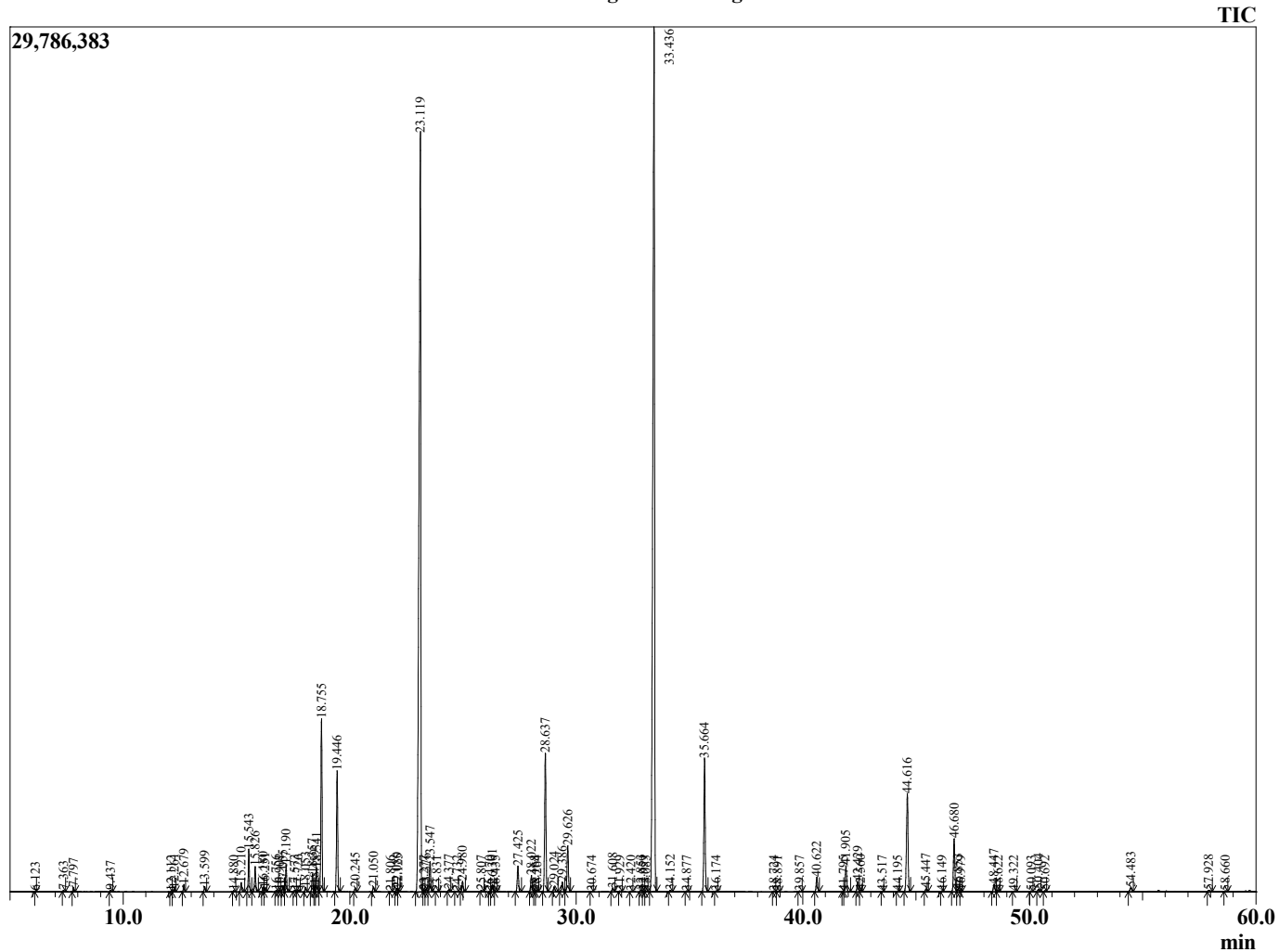
# Sample Information

Analyzed by : T. Wortham  
 Analyzed : 9/13/2022 6:34:10 AM  
 Sample Type : Essential Oil  
 Sample Name : LavAng3  
 Injection Volume : 0.10 µL  
 Lot Number : K0F0909D  
 Instrument ID : GC-3

# Peak Report TIC

R.Time	Name	Area%
3.704	2-Methyl 3-buten-1-ol	0.01
4.144	3-Methylbutanal	0.01
6.123	Toluene	0.01
7.363	Butyl acetate	0.03
7.797	Hexyl methyl ether	0.08
9.437	Hexanol	0.03
12.112	Tricyclene	0.02
12.261	alpha-Thujene	0.07
12.679	alpha-Pinene	0.17
13.599	Camphene	0.12
14.880	Sabinene	0.03
15.210	1-Octen-3-ol	0.24
15.543	3-Octanone	1.02
15.826	Myrcene	0.65
16.180	Butyl butyrate	0.12
16.251	3-Octanol	0.08
16.756	Pseudolimonene	0.03
16.901	alpha-Phellandrene	0.03
17.055	delta-3-Carene	0.16
17.190	Hexyl acetate	0.67
17.573	alpha-Terpinene	0.04
17.726	ortho-Cymene	0.04
18.053	para-Cymene	0.11
18.357	Limonene	0.47
18.459	beta-Phellandrene	0.15
18.541	1,8-Cineole	0.64
18.755	cis-beta-Ocimene	4.54
19.446	trans-beta-Ocimene	3.20
20.245	gamma-Terpinene	0.10
21.050	cis-Linalool oxide (furanoid)	0.14
21.806	Isoterpinolene	0.01
22.080	Terpinolene	0.09
22.125	trans-Linalool oxide (furanoid)	0.06
23.119	Linalool	31.42
23.277	Hotrienol	0.03
23.376	Hexyl propionate	0.06
23.547	1-Octen-3-yl acetate	0.82
23.831	Heptyl acetate	0.01
24.377	3-Octyl acetate	0.05
24.732	cis-para-Menth-2-en-1-ol	0.02
24.980	allo-Ocimene	0.29
25.807	neo-allo-Ocimene	0.03
26.170	trans-Verbenol	0.01
26.301	Camphor	0.22
26.435	Unidentified	0.01
27.425	Lavandulol	0.76
28.022	Borneol	0.48
28.168	trans-Linalool oxide (pyranoid)	0.01
28.264	Undeca-1,3,5-triene	0.03
28.637	Terpinen-4-ol	4.20
29.024	Cryptone	0.15
29.386	Hexyl butyrate	0.30
29.626	alpha-Terpineol	1.37
30.674	Octyl acetate	0.01
31.608	Nerol	0.10
31.929	Bornyl formate	0.02
32.420	Hexyl 2-methylbutyrate	0.02
32.853	Cuminal	0.05
32.959	Carvone	0.02
33.083	Unidentified	0.02
33.436	Linalyl acetate	34.59
34.152	Unidentified	0.04

## Chromatogram LavAng3



R.Time	Name	Area%
34.877	Isopulegyl acetate	0.02
35.664	Lavandulyl acetate	4.00
36.174	ortho-Cymen-7-ol	0.02
38.724	Hexyl tiglate	0.02
38.891	Unidentified	0.01
39.857	alpha-Terpinyl acetate	0.02
40.622	Neryl acetate	0.44
41.795	alpha-Copaene	0.01
41.905	Geranyl acetate	0.82
42.429	Hexyl hexanoate	0.32
42.560	Unidentified	0.04
43.517	7-epi-Sesquithujene	0.01
44.195	cis-alpha-Bergamotene	0.02
44.616	beta-Caryophyllene	3.48
45.447	trans-alpha-Bergamotene	0.08
46.149	Unidentified	0.02
46.680	trans-beta-Farnesene	1.70
46.853	alpha-Humulene	0.07
46.979	Sesquisabinene	0.02
48.447	Germacrene D	0.24
48.622	trans-beta-Bergamotene	0.03
49.322	Unidentified	0.01
50.093	beta-Bisabolene	0.02
50.404	gamma-Cadinene	0.06
50.692	Unidentified	0.02
54.483	Caryophyllene oxide	0.14
57.928	tau-Cadinol	0.05
58.660	Unidentified	0.02
		100.00