



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

SAFETY DATA SHEET

In accordance with 29 CFR 1910.1200

Product: Lavandin Oil, Grosso, France

Version: 3

1. IDENTIFICATION

Product Identifier

Product identifier: Lavandin Oil, Grosso, France; CAS: 8022-15-9

Other identifiers: Lavandin Oil, Grosso, France LavHyb2 Lavandula hybrida

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 2

Sensitization - Skin Category 1B

Signal word: Warning

Hazard statements: Combustible liquid.

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 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.
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.
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: Lavandin Oil, Grosso, France; CAS: 8022-15-9

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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
Eucalyptol	470-82-6	5-<10%	Flam. Liq. 3-Skin Sens. 1B;H226-H317
4-Carvomenthenol	562-74-3	1-<5%	Flam. Liq. 4-Acute Tox. 4-Skin Irrit. 2-Eye Irrit. 2A;H227-H302-H315-H319
dl-Limonene (racemic)	138-86-3	1-<5%	Flam. Liq. 3-Skin Irrit. 2-Skin Sens. 1B-Asp. Tox 1;H226-H304-H315-H317
beta-Caryophyllene	87-44-5	1-<5%	Skin Sens. 1B-Asp. Tox 1;H304-H317
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
d-Limonene	5989-27-5	0.1-<1%	Flam. Liq. 3-Skin Irrit. 2-Skin Sens. 1B-Asp. Tox 1;H226-H304-H315-H317
beta-Pinene	127-91-3	0.1-<1%	Flam. Liq. 3-Skin Irrit. 2-Skin Sens. 1B-Asp. Tox 1;H226-H304-H315-H317
Geranyl acetate	105-87-3	0.1-<1%	Skin Irrit. 2-Skin Sens. 1;H315-H317
Terpinolene	586-62-9	0.1-<1%	Flam. Liq. 4-Skin Sens. 1B-Asp. Tox 1;H227-H304-H317
delta-3-Carene	13466-78-9	0.1-<1%	Flam. Liq. 3-Skin Irrit. 2-Skin Sens. 1-Asp. Tox 1;H226-H304-H315-H317
Neryl acetate	141-12-8	0.1-<1%	Skin Irrit. 2-Skin Sens. 1B;H315-H317
l-.beta.-Bisabolene	495-61-4	0.1-<1%	Skin Irrit. 2-Skin Sens. 1B-Asp. Tox 1;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: Wash with plenty of soap and water.

Ingestion: Rinse mouth with water and obtain medical attention.

Most important symptoms and effects, both acute and delayed

Causes skin irritation.

May cause an allergic skin reaction.

Causes serious eye irritation.

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

Treat symptomatically

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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

No information available

Exposure controls

Engineering measures

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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

Appearance:	Not determined
Odor:	Not determined
Odor threshold:	Not determined
pH:	Not determined
Melting point / freezing point:	Not determined
Initial boiling point / range:	Not determined
Flash point:	165 °F / 74 °C
Evaporation rate:	Not determined
Flammability (solid, gas):	Not determined
Upper/lower flammability or explosive limits:	Product does not present an explosion hazard
Vapor pressure:	Not determined
Vapor density:	Not determined
Relative density:	Not determined
Solubility(ies):	Not determined
Partition coefficient: n-octanol/water:	Not determined
Auto-ignition temperature:	Not determined
Decomposition temperature:	Not determined
Viscosity:	Not determined
<u>Other information:</u>	None available

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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

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

Additional Information

None available

12. ECOLOGICAL INFORMATION

Ecotoxicity:

Toxic to aquatic life with long lasting effects.

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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	UN3082	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (dl-Limonene (racemic), alpha-Pinene)	9	-	III
US DOT	None	-			-
US DOT (Bulk)	None	-			-
IMDG	UN3082	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (dl-Limonene (racemic), alpha-Pinene) MARINE POLLUTANT	9	-	III
ADR,RID,ADN	UN3082	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (dl-Limonene (racemic), alpha-Pinene)	9	-	III
ICAO TI	UN3082	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (dl-Limonene (racemic), alpha-Pinene)	9	-	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: 5533-F2.12

LM Unique Identifier: LM6528

Additional information

None additional

16. OTHER INFORMATION

Key to revisions:

2 Classification

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.

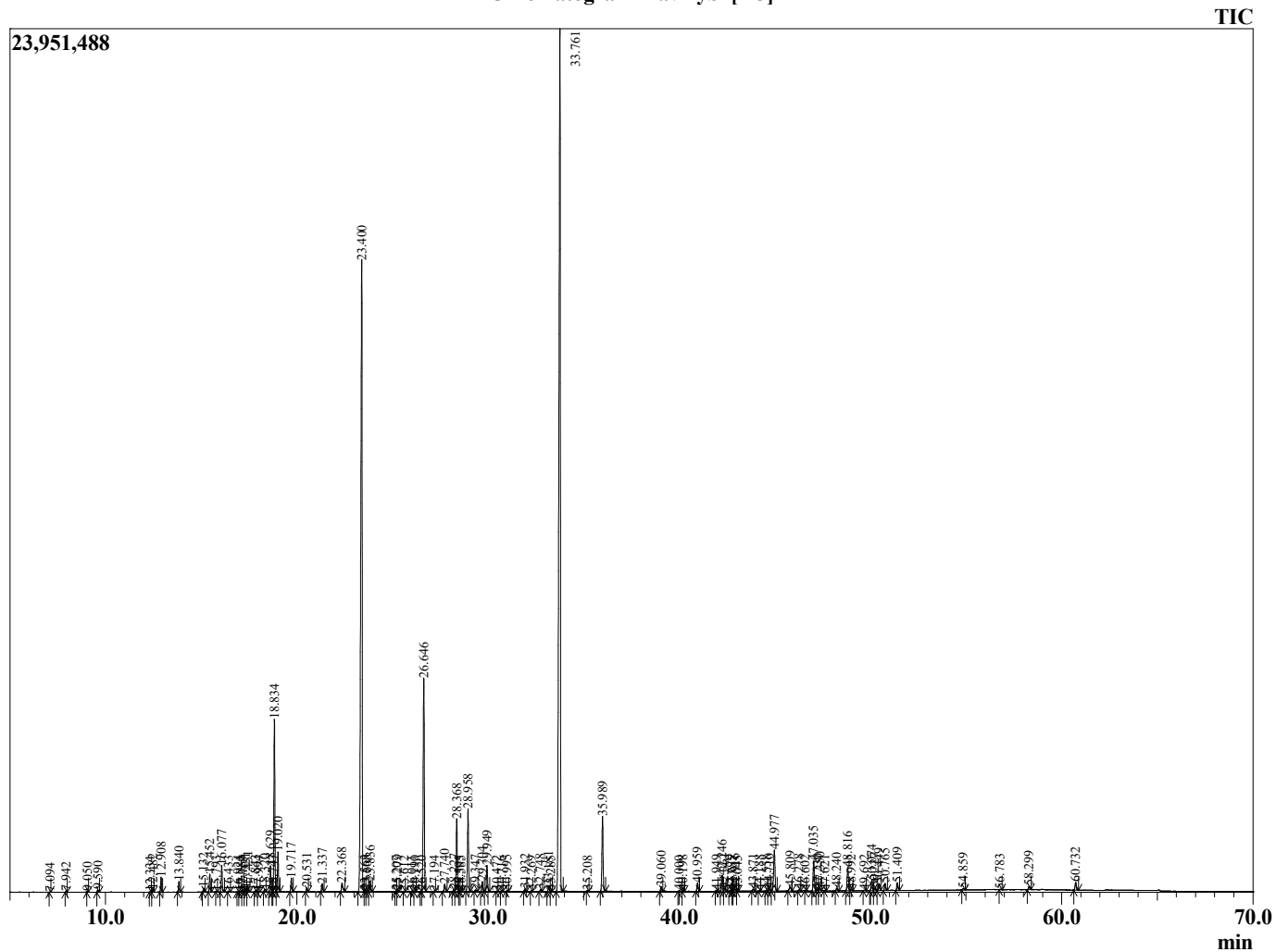
Sample Information

Analyzed by : T. Wortham
 Analyzed : 1/11/2021 6:34:21 AM
 Sample Type : Essential Oil
 Sample Name : LavHyb2[1-5]
 Injection Volume : 0.10
 Lot Number : H0D0930E
 Instrument ID : GC-3

Peak Report TIC

R.Time	Name	Area%
4.214	3-Methylbutanal	0.01
7.094	Hexanal	0.01
7.942	Hexyl methyl ether	0.03
9.050	Hex-3(Z)-enol	0.02
9.590	Hexanol	0.05
12.334	Tricyclene	0.01
12.482	alpha-Thujene	0.06
12.908	alpha-Pinene	0.39
13.840	Camphene	0.27
15.132	Sabinene	0.10
15.452	beta-Pinene	0.48
15.793	3-Octanone	0.01
16.077	Myrcene	0.75
16.433	Butyl butyrate	0.02
16.924	Octanal	0.01
17.081	Unidentified	0.02
17.169	alpha-Phellandrene	0.03
17.321	delta-3-Carene	0.09
17.451	Hexyl acetate	0.16
17.843	alpha-Terpinene	0.04
17.994	ortho-Cymene	0.02
18.320	para-Cymene	0.07
18.629	Limonene	0.74
18.747	beta-Phellandrene	0.03
18.834	1,8-Cineole	5.01
19.020	cis-beta-Ocimene	1.16
19.717	trans-beta-Ocimene	0.40
20.531	gamma-Terpinene	0.11
21.337	trans-Sabinene hydrate	0.29
22.368	Terpinolene	0.36
23.400	Linalool	26.76
23.563	Hotrienol	0.04
23.668	Hexyl propionate	0.06
23.836	1-Octen-3-yl acetate	0.32
25.207	alpha-Campholenal	0.02
25.279	allo-Ocimene	0.03
25.612	Hexyl tiglate	0.01
26.011	Nopinone	0.01
26.190	trans-Pinocarveol	0.02
26.520	trans-Verbenol	0.02
26.646	Camphor	7.28
27.194	trans-beta-Terpineol	0.01
27.740	Lavandulol	0.26
28.227	delta-Terpineol	0.08
28.368	Borneol	2.40
28.505	cis-Linalool oxide (pyranoid)	0.02
28.585	Undeca-1,3,5-triene	0.01
28.958	Terpinen-4-ol	2.74
29.347	para-Cymen-8-ol	0.05
29.704	Hexyl butyrate	0.33
29.949	alpha-Terpineol	0.86
30.472	Unidentified	0.01
30.716	Decanal	0.02
30.995	Octyl acetate	0.03
31.932	Nerol	0.08
32.269	Bornyl formate	0.02
32.748	Hexyl 2-methylbutyrate	0.06
33.181	Hexyl 3-methylbutyrate	0.18
33.285	Carvone	0.02
33.761	Linalyl acetate	37.23
35.208	Unidentified	0.02
35.989	Lavandulyl acetate	2.57

Chromatogram LavHyb2[1-5]



R.Time	Name	Area%
39.060	Hexyl tiglate	0.16
40.000	Unidentified	0.02
40.198	Unidentified	0.02
40.959	Neryl acetate	0.29
41.949	Unidentified	0.02
42.246	Geranyl acetate	0.57
42.361	Daucene	0.13
42.679	beta-Bourbonene	0.04
42.785	Hexyl hexanoate	0.01
42.916	7-epi-Sesquithujene	0.09
43.045	beta-Elmene	0.01
43.871	Sesquithujene isomer	0.07
44.188	Unidentified	0.02
44.558	cis-alpha-Bergamotene	0.02
44.710	Unidentified	0.08
44.977	beta-Caryophyllene	1.71
45.809	trans-alpha-Bergamotene	0.22
46.278	cis-beta-Farnesene	0.05
46.602	cis-Murrola-3,5-diene	0.01
47.035	trans-beta-Farnesene	1.09
47.230	alpha-Humulene	0.05
47.350	Unidentified	0.11
47.621	cis-Cadina-1(6),4-diene	0.02
48.240	10-beta-Cadina-1(6),4-diene	0.10
48.816	Germacrene D	0.87
48.992	Unidentified	0.04
49.692	Bicyclogermacrene	0.03
50.074	Lavandulyl isovalerate	0.42
50.227	(E,E)-alpha-Farnesene	0.12
50.449	beta-Bisabolene	0.25
50.765	gamma-Cadinene	0.25
51.409	beta-Sesquiphellandrene	0.29
54.859	Caryophyllene oxide	0.06
56.783	Unidentified	0.02
58.299	tau-Cadinol	0.13
60.732	alpha-Bisabolol	0.29
		100.00