

SAFETY DATA SHEET (SDS)

Version 2.0

Revision Date : April 22,2022

Print Date : March 20, 2023

1. PRODUCT AND COMPANY IDENTIFICATION

Product name	:	Sage (Dalmatian) Essential Oil
Botanical name	:	Salvia officinalis
INCI name	:	Salvia Officinalis Oil
CAS #	:	8022-56-8 / 84776-73-8
Country of Origin	:	Albania
EINECS #	:	- / 282-025-9
Product use	:	Domestic and Industrial

2. HAZARDS IDENTIFICATION

Emergency Overview

GHS Classification

Flammable Liquids - Category 3

Aspiration hazard - Category 1

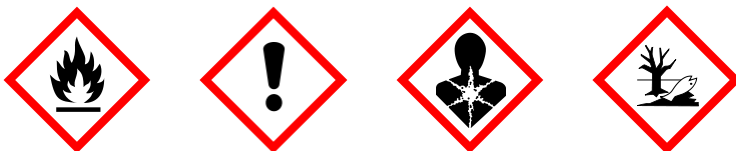
Skin Corrosion/Irritation - Category 2

Skin Sensitization - Category 1

Hazardous to aquatic environment Short term/Acute - Category 1

Hazardous to aquatic environment Long term/Chronic - Category 2

GHS Label elements, including precautionary statements



Signal: Danger

Hazard statement(s)

H226	Flammable liquid and vapor.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H400	Very toxic to aquatic life.
H411	Toxic to aquatic life with long-lasting effects.

Precautionary statement(s)

P210	Keep away from heat/sparks/open flames/hot surfaces – No smoking.
P233	Keep container tightly closed.
P240	Ground/bond container and receiving equipment.
P241	Use explosion-proof electrical/ventilating/light/equipment.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P261	Avoid breathing dust/fumes/gas/mist/vapours/spray.
P264	Wash skin thoroughly after handling.
P272	Contaminated work clothing should not be allowed out of the workplace.
P273	Avoid release to the environment.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P301+P310	IF SWALLOWED: Immediately call a POISON CENTER/doctor.
P302+P352	IF ON SKIN: Wash with plenty of water.
P303+P361+P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower.
P321	Specific treatment (see section 4 on this label).
P331	Do NOT induce vomiting.
P332+P313	If skin irritation occurs: Get medical advice/attention.
P333+P313	If skin irritation or a rash occurs: Get medical advice/attention.
P362	Take off contaminated clothing.
P363	Wash contaminated clothing before reuse.
P370+P378	In case of fire: Use appropriate fire extinguisher to extinguish.
P391	Collect spillage.
P403+P235	Store in a well ventilated place. Keep cool.
P405	Store locked up.
P501	Dispose of contents/container according to local regulations.

3. COMPOSITION / INFORMATION INGREDIENTS

Product Name	CAS NO	EC NO	Concentration
Salvia Officinalis Oil	8022-56-8 / 84776-73-8	- / 282-025-9	100 %

4. FIRST AID MEASURES**Eye contact**

Hold the eyes open and rinse with preferably lukewarm water for at least 10 minutes. Immediately contact an ophthalmologist.

Skin contact

Wash immediately with plenty of soap and water. Apply protective bandage with sterile gauze. Call a doctor.

Inhalation

If inhaled, removed to fresh air. Get medical attention if symptoms appear.

Ingestion

If accidentally swallowed obtain immediate medical attention. Rinse mouth. Do NOT induce vomiting – danger of aspiration.

5. FIRE FIGHTING MEASURES

Suitable extinguishing media

Carbon dioxide, dry powder, aqueous extinguishing media.

Unsuitable extinguishing media

Do not use full water jet.

Special protective equipment and precautions for fire-fighters

Firemen must wear self-contained breathing apparatus. Cool undamaged containers or piping with water. Do not allow contaminated extinguishing water to enter the soil, ground-water or surface waters.

Special hazards arising from the substance or its combustible products

Hazardous decomposition products may be formed at extreme heat or if burned.

Resulting gases

Carbon oxides.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures.

Ensure adequate ventilation/exhaust extraction. Wear personal protective equipment. Avoid contact with skin and inhalation of its vapours or smoke.

Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.

Methods and materials for containment and cleaning up

Terminate and take up spills with absorbent material (sand, kieselguhr, universal binder, etc.) or with pumping. Containers in which spilt substance has been collected must be adequately labelled. Dispose off absorbed material in accordance with the local / provincial / federal regulations.

7. HANDLING AND STORAGE

Precautions for safe handling

No direct lighting. No smoking. Ensure prompt removal from eyes, skin and clothing. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Handle in accordance with good industrial hygiene and safety procedures.

Conditions for safe storage, including any incompatibilities

Provide local exhaust or general room ventilation to minimize dust and/or vapour concentrations. Keep container closed when not in use.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Exposure controls

The areas where the product is handled and stored should be adequately ventilated.

Eyes

Safety glasses with side protection shield.

Skin

If skin contact or contamination of clothing is likely, closed working suit and chemical resistant gloves should be worn.

Respiratory

In case of insufficient ventilation, wear suitable respiratory equipment.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	:	Colorless to pale yellow to yellow liquid.
Odor	:	Characteristic fresh odor
Flash point	:	47°C

Relative density	:	0.890 - 0.925 g/cm ³ (20 °C)
Solubility (ies)	:	Partially soluble in alcohol. Insoluble in water.
Refractive index	:	1.457 - 1.459
Optical rotation	:	+2° to +29°

10. STABILITY AND REACTIVITY

Chemical stability

Stable under normal operating conditions.

Possibility of hazardous reactions

Not available

Conditions to avoid

Avoid direct sunlight, sparks, flame and other heat sources.

Hazardous decomposition products

Carbon Oxides.

11. TOXICOLOGICAL INFORMATION

Acute toxicity

Oral (LD50): >5000mg/kg (Rat)

Dermal (LD50): >2500mg/kg (Rabbit)

Inhalation

May be fatal if enters airways.

Skin contact

May cause an allergic skin reaction.

Eye contact

May irritate eyes.

Ingestion

May be fatal if swallowed.

12. ECOLOGICAL INFORMATION

Ecotoxicity

Toxicity by Daphnia (CE50): 7.60mg/l/48 hour

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

Mobility in soil

Low mobility in soil.

13. DISPOSAL CONSIDERATION

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

14. TRANSPORT INFORMATION

UN Number

1197

UN proper shipping name

Extracts, liquid

Transport hazard class

3

Packing group

III

US DOT Shipping Description (Land)

1197

Proper shipping name

Extracts, liquid

Class

3

Packaging group

III

IMO-IMDG Shipping Description (Sea)

1197

Proper shipping name

Extracts, liquid

Class

3

Packaging group

III

IMO-IMDG code

1197

IMDG-Marine pollution

Yes.

IATA Shipping Description (Air)

1197

Proper shipping name

Extracts, liquid

Class

3

Packaging group

III

Emergency action in case of accident

Notify police and fire department immediately

15. REGULATORY INFORMATION

TSCA

All ingredients appear on the TSCA inventory.

SARA 302

Acute, Chronic, Fire.

California Proposition 65

This product can expose you to beta-Myrcene, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

GHS Hazard Statements

See section 2.

GHS Precautionary Statements

See section 2.

16. OTHER INFORMATION

Revision date : April 22,2022

CERTIFICATE OF ANALYSIS

Product : Sage Dalmatian Essential Oil

Lot No : 11128A10622

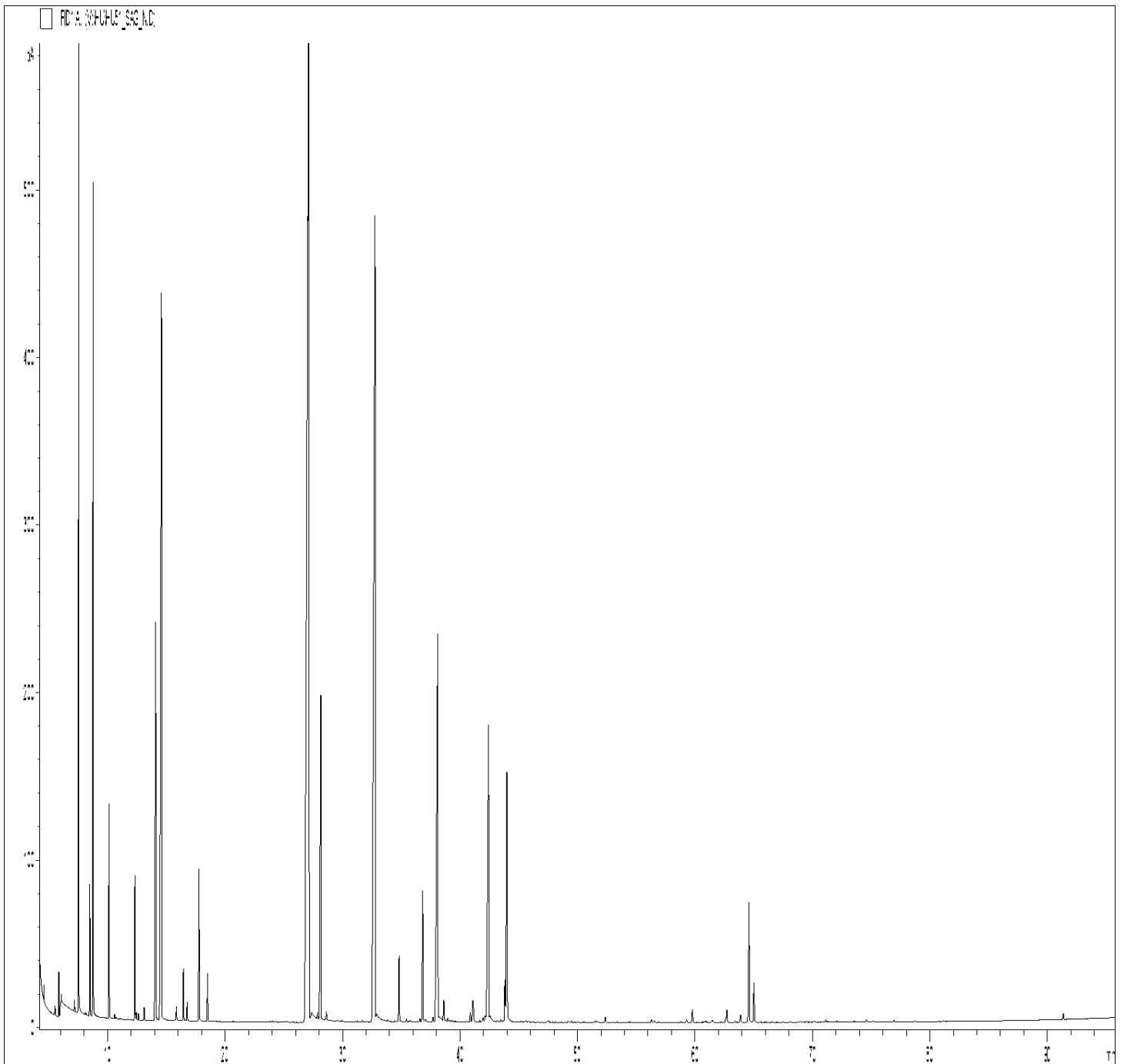
Best Before : June, 2024

<u>Properties</u>	<u>Specifications</u>	<u>Results</u>
Appearance	: Colorless yellow to pale yellow liquid.	Complies
Odor	: Characteristic odor.	Complies
Solubility	: Partially soluble in alcohol. Insoluble in water.	Complies
Specific Gravity	: 0.903 to 0.925 @ 20°C	0.912
Optical Rotation	: +2.0° to +29° @ 20°C	5.790
Refractive Index	: 1.457 to 1.469 @ 20°C	1.467
α -thujone	: 18 - 43%	26.77
Camphor	: 4.5-24.5	17.49
1,8-cineole	: 5.5 - 13.0%	10.12

GCMS ANALYSIS

PRODUCT NAME: SAGE DALMATIAN ESSENTIAL OIL - 11128

DATE: June 30, 2022



Due to volume turnover, this report is not lot specific, It is representative of the quality of this oil produced by the manufacturer of this product, Specific lots may vary slightly as is the case in natural products,

GCMS ANALYSIS (cont'd.)

PRODUCT NAME: SAGE DALMATIAN ESSENTIAL OIL - 11128

Peak	RT (min)	Compound	%
1	4.57	ACETONE	0.07
2	5.53	ISOVALERALDEHYDE	0.05
3	5.84	Z-SALVENE	0.22
4	6.07	E-SALVENE	0.04
5	7.18	TRICYCLENE	0.08
6	7.55	α -PINENE	6.40
7	7.59	α -THUYENE	0.08
8	8.49	α -FENCHENE	0.84
9	8.77	CAMPHENE	5.76
10	10.13	β -PINENE	1.42
11	10.59	SABINENE	0.03
12	12.32	β -MYRCENE	1.02
13	12.44	α -PHELLANDRENE	0.06
14	12.62	psi-LIMONENE	0.05
15	13.10	α -TERPINENE	0.10
16	14.09	LIMONENE	3.91
17	14.58	1,8-CINEOLE	9.28
18	15.85	cis- β -OCIMENE	0.12
19	16.45	γ -TERPINENE	0.39
20	16.77	trans- β -OCIMENE	0.14
21	17.77	p-CYMENE	1.25
22	18.51	TERPINOLENE	0.39
23	27.14	α -THUYONE	28.80
24	27.88	α ,p-DIMETHYLSTYRENE	0.08
25	28.15	β -THUYONE	3.77
26	28.62	1-OCTEN-3-OL	0.10
27	31.69	α -COPAENE	0.02
28	32.77	CAMPHOR	15.74
29	33.83	α -GURJUNENE	0.01
30	34.82	LINALOOL	0.63

GCMS ANALYSIS (cont'd.)

PRODUCT NAME: SAGE DALMATIAN ESSENTIAL OIL - 11128

Peak	RT (min)	Compound	%
31	35.45	LINALYL ACETATE	0.03
32	36.60	ISOCARYOPHYLLENE	0.03
33	36.83	BORNYL ACETATE	1.35
34	36.98	FENCHOL	0.03
35	37.08	ISOBORNYL ACETATE	0.03
36	37.70	β -CUBEBENE	0.05
37	38.09	β -CARYOPHYLLENE	6.16
38		TERPINENE-4-OL	
39	38.62	AROMADENDRENE	0.24
40	38.96	SESQUITERPENE	0.05
41	39.10	DEHYDROSABINAKETONE	0.03
42	39.29	MYRTENAL	0.03
43	40.87	ALLO-AROMADENDRENE	0.10
44	41.08	trans-SABINYL ACETATE	0.24
45	41.12	trans-PINOCARVEOL	0.11
46	41.96	ISOBORNEOL	0.06
47	42.14	SESQUITERPENE	0.08
48	42.42	α -HUMULENE	4.56
49	42.56	TERPENIC COMPOUND	0.09
50	42.64	SESQUITERPENE	0.04
51	43.47	γ -MUUROLENE	0.02
52	43.65	SESQUITERPENE	0.02
53	43.81	α -TERPINEOL	0.39
54	43.98	BORNEOL	2.94
55	44.22	COMPOUND Mw=152	0.04
56	47.48	δ -CADINENE	0.03
57	47.57	γ -CADINENE	0.01
58	52.36	p-CYMENE-8-OL	0.05
59	56.29	α -CALACORENE	0.03
60	56.51	HUMULENE OXIDE	0.03

GCMS ANALYSIS (cont'd.)

PRODUCT NAME: SAGE DALMATIAN ESSENTIAL OIL - 11128

Peak	RT (min)	Compound	%
61	59.29	ISOCARYOPHYLLENE OXIDE	0.03
62	59.77	CARYOPHYLLENE OXIDE	0.14
63	61.48	LINALYL ISOVALERATE	0.03
64	62.65	COMPOUND Mw=168	0.05
65	62.71	EPOXY-6,7-HUMULENE	0.13
66	63.87	COMPOUND Mw=168	0.08
67	64.60	GLOBULOL	1.30
68	65.01	VIRIDIFLOROL	0.40
69	71.12	THYMOL	0.02
70	71.27	GERANYLGERANIADIENE	0.02
71	74.57	SESQUITERPENOL	0.03
72	75.14	CARYOPHYLLA-2.6-DIEN-5- α -OL	0.02
73	91.37	Epi-MANOOL	0.06
		TOTAL	100.00

Limitación de Responsabilidad

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