



Safety Data Sheet

01. IDENTIFICATION OF THE SUBSTANCE/PREPARATION & THE COMPANY/UNDERTAKING

1.1 Product Identifier

Product Name		Sage Oil Spanish			
Biological Definition		Salvia Officinalis Oil is the essential oil derived from the herbal plant the Sage, <i>Salvia officinalis L., Lamiaceae.</i>			
INCI Name		Salvia Officinalis Oil			
Synonyms & Trade Names					
CAS-No	8022-56-8 /84776-73-8	EC No.	- / 282-025-9	EINECS No.	282-025-9

1.2 Relative identified uses of the substance or mixture and uses advised against

No additional data available.

1.3 Details of the supplier of the safety data sheet

Golden Bough Botanicals Inc 12-1585 Cliveden Ave Delta BC V3M 6M1

1.4 Emergency Tel. No.

604-540-8700 (Monday-Friday 8:30 am-4:30 pm)

02. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

The Full Text, for all Hazard Statements, is displayed in Section 16.

Physical and Chemical Hazards:

Flammable liquid and vapour.

Human health:

May be fatal if swallowed and enters airways. Harmful if inhaled. May cause damage to organs. May cause an allergic skin reaction.

Environment:

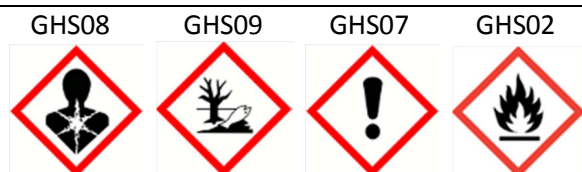
The product contains a substance which is very toxic to aquatic life and may cause long term adverse effects.

Classification (EC 1272/2008)

Flam. Liq. 3	H226 Flammable liquid and vapour.
Skin Sens. 1	H317 May cause an allergic skin reaction.
Asp. Tox. 1	H304 May be fatal if swallowed and enters airways.
Acute Tox. 4	H332 Harmful if inhaled.
STOT SE2	H371 May cause damage to organs.
Aquatic Chronic 1	H410 Very toxic to aquatic life with long lasting effects

2.2 Label Elements

Label in accordance with (EC) No 1272/2008



Signal Word	Danger
Contains	Alpha Pinene, Limonene
Hazard Statements	
H226	Flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H317	May cause an allergic skin reaction.
H410	Very toxic to aquatic life with long lasting effects
Precautionary Statements	
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
Recommendation on the safety response	
P301 + P310, P331	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Do NOT induce vomiting.
Recommendation for safety in storage	
P405	Store locked up.
Safety recommendation for disposal	
P501	Dispose of contents in accordance with local, state or national legislation.
Supplementary Precautionary Statements	
None.	
2.3 Other Hazards	
PBT or vPvB according to Annex XIII	Not applicable.
Adverse physio-chemical properties	No additional data available.
Adverse effects on human health	No additional data available.

03. COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixtures	
15-45% Alpha Thujone	CAS: 546-80-5 EINECS: 208-912-2
Classification (EC 1272/2008): Acute Tox. 3, H301	
4-25% Camphor	CAS: 21368-68-3 EINECS: 244-350-4
Classification (EC 1272/2008): Flam. Sol. 2, H228; STOT SE 2, H371; Acute Tox. 4, H332	
1 - 6% Alpha Pinene	CAS: 7785-26-4 EINECS: 232-077-3
Classification (EC 1272/2008): Flam. Liq. 3, H226; Skin Sens. 1, H317, Asp. Tox. 1, H304 Aquatic Chronic 1, H410	
1 - 5% d-Limonene	CAS: 5989-27-5 EINECS: 227-813-5
Classification (EC 1272/2008): Flam. Liq. 3, H226; Skin Irrit. 2, H315; Skin Sens. 1, H317 Asp. Tox. 1, H304; Aquatic Chronic 1, H410	

04. FIRST AID MEASURES

4.1 Description of first aid measures	
Inhalation	Remove immediately from source of exposure. Seek medical attention if any discomfort continues.
Ingestion	Do not induce vomiting. Immediately rinse mouth and provide fresh air. Seek medical attention.
Skin Contact	Remove contaminated clothing immediately and wash skin with soap and water. Seek medical

	attention if any discomfort continues or there is sign of tissue damage.
Eye Contact	Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Seek medical attention. Continue to rinse.
4.2 Most important symptoms and effects, both acute and delayed	
	No additional data available.
4.3 Indication of any immediate medical attention and special treatment needed	
	No additional data available.

05. FIRE-FIGHTING MEASURES

5.1 Extinguishing Media	
	Extinguishing media: Carbon dioxide (CO ₂). ABC Powder. BC Powder. Foam. Unsuitable extinguishing media: D Powder. Water. DANGER: Do not use water for direct extinguishing.
5.2 Special hazards arising from the product	
	Use personal protective equipment and suitable clothing. Protect skin and eyes.
5.3 Advice for firefighters	
	Possible discharge of toxic gases upon burning. Use protective equipment – gas mask.

06. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures	
	Wear protective clothing as described in Section 8 of this safety data sheet. Handle the product using protective gloves resistant to the chemicals exposed. Avoid contact with skin and inhalation of its vapours or smoke. Maintain adequate ventilation in the working area after spilling. Remove ignition sources.
6.2 Environmental Precautions	
	Do not discharge into drains, water courses or onto the ground.
6.3 Methods and material for containment and cleaning up.	
	Absorb with non combustible liquid-binding material (sand, diatomite, acid binders, universal binders). Dispose of in line with local authority regulations. Ensure adequate ventilation.
6.4 Reference to other sections	
	No additional data available.

07. HANDLING AND STORAGE

7.1 Precautions for safe handling	
	Ensure ventilation is good. Avoid skin contact. Use protective clothing, safety glasses and gloves. General precautions: Do not smoke in the area where the product is being stored or used. Do not work with the preparation near heat sources with open flames and other combustible sources. Provide appropriate exhaust ventilation in the area where the preparation is handled and stored.
7.2 Conditions for safe storage, including any incompatibilities	
	Keep product in its original container well sealed, in a dry, cool, ventilated area, away from potential sources of ignition and protected from light. Stock according to local / national regulations and always follow the precautions indicated on labels.
7.3 Specific end use(s)	
	No additional data available.

08. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

ALPHA Thujone - Index: NA, CAS: 546-80-5, EC No: 208-912-2

TLV TWA - TLV STEL- VLE 8h- VLE short: None.

CAMPHOR - Index: NA, CAS: 21368-68-3, EC No: 244-350-4

TLV TWA - TLV STEL- VLE 8h- VLE short: None.

ALPHA PINENE - Index: NA, CAS: 7785-26-4, EC No: 232-077-3

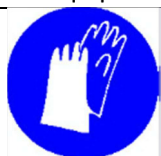
TLV TWA - TLV STEL- VLE 8h- VLE short: None.

LIMONENE - Index: NA, CAS: 5989-27-5, EC No: 227-813-5

TLV TWA - TLV STEL- VLE 8h- VLE short: None.

8.2 Exposure controls

Protective Equipment



Process Conditions	Provide eyewash station.
Engineering Measures	Provide adequate ventilation.
Respiratory Equipment	No special measures required. Ensure adequate ventilation in the work area.
Hand Protection	Wear gloves to protect skin.
Eye Protection	Not needed for normal use, but advisable in line with good practise.
Other Protection	Wash hands before breaks and at the end of work.
Hygiene Measures	Good personal hygiene practices are always advisable, especially when working with chemicals / oils.
Personal Protection	Wear appropriate equipment to avoid contact with skin and eyes.
Skin Protection	Wear apron or protective clothing in case of splashes.
Environmental Exposure Controls	Avoid discharging into drainage water.

09. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance	Liquid.
Colour	Colourless to yellow.
Odour	Characteristic.
Relative Density	Approx. 0.915 @ 20°C
Flash Point (°C)	50.0
Refractive Index	Approx. 1.465 @ 20°C
Melting Point (°C)	No additional data available.
Boiling Point (°C)	No additional data available.
Vapour Pressure	No additional data available.
Solubility in Water @20°C	Insoluble in water. Soluble in ethanol (70%) 1:2 @ 20°C.
Auto-ignition temperature (°C)	No additional data available.

9.2 Other information

No additional data available.

10. STABILITY AND REACTIVITY

10.1 Reactivity

Stable under the recommended handling and storage conditions.
10.2 Chemical stability
Stable under the recommended handling and storage conditions.
10.3 Possible hazardous reactions
No dangerous reactions known.
10.4 Conditions to Avoid
Stable under the recommended handling and storage conditions.
10.5 Incompatible materials
No additional data available.
10.6 Hazardous Decomposition Products
No dangerous decomposition products known.

11. TOXOLOGICAL INFORMATION

11.1 Information on toxicological effects	
Acute Toxicity	Harmful if swallowed Limonene - Index: N.A., CAS: 5989-27-5, EC No: 227-813-5 Oral (rat) : LD50 4400 mg/kg Oral (mice): LD50 > 5500 mg/kg Dermal (rabbit): LD50 >2000 mg/kg
Skin corrosion / irritation	No additional data available.
Serious eye damage / irritation	No additional data available.
Respiratory or skin sensitisation	May cause an allergic skin reaction.
Germ Cell Mutagenicity	No additional data available.
Carcinogenicity	No additional data available.
Reproductive toxicity	No additional data available.
STOT-single exposure	No additional data available.
STOT-repeated exposure	No additional data available.
Aspiration hazard	May be fatal if swallowed and enters airways.
Photo-toxicity	No additional data available.
Other Information	No additional data available.

12. ECOLOGICAL INFORMATION

12.1 Toxicity	
Adopt good working practices, so that the product is not released into the environment. Very toxic to aquatic life with long lasting effects.	
12.2 Persistence & degradability	
No additional data available.	
12.3 Bioaccumulation Potential	
No additional data available.	
12.4 Mobility in soil	
No additional data available.	
12.5 Results of PBT and vPvB Assessment	
List of substances dangerous for the environment and corresponding classification: 1% - 6% ALPHA PINENE CAS: 7785-26-4 EC: 232-077-3 H410 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.	

1% - 5% Limonene CAS: 5989-27-5 EC: 227-813-5

H410 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Fish (P.Promelas): LC50 33mg/l - 96h

Daphia magna: EC50 69.6 mg/l - 48h

vPvB Substances: - PBT Substances: None

12.6 Other adverse effects

Do not allow product to enter streams, sewers or other waterways.

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Treat wastes according to the local and national legislation.

14. TRANSPORT INFORMATION

14.1 UN number

UN No. Road 1169

UN No. SEA 1169

UN No. AIR 1169

14.2 UN proper shipping name

UN 1169 EXTRACTS, AROMATIC, LIQUID (Sage Oil)

14.3 Transport hazard class(es)

ADR/RID/ADN Class: 3: (F1) Flammable liquids

ADR HI No: 30

IMDG Class: 3: Flammable liquids

ICAO Class/Division: 3: Flammable liquids

Transport Labels



14.4 Packing group

ADR/RID/ADN Packing group III

IMDG Packing group III

ICAO Packing group III

14.5 Environmental hazards

Environmentally Hazardous Substance/Marine Pollutant;



14.6 Special precautions for user

ADR Class 3, PG III, Transport category 3
 IMDG-Code Class 3, PG III marine pollutant
 ICAO/IATA-DGR Class 3, PG III
 ADR-Tunnel Restriction Code: (D/E)
 IATA-Passenger Aircraft: 309
 IATA-Cargo Aircraft: 310
 IATA-ERG: 3L
 IMDG-EmS: F-E, S-D
 IMDG-Storage category: A

14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC code

Environmental pollutant : No

15. REGULATORY INFORMATION

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

Statutory Instruments

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716).

Guidance Notes

Workplace Exposure Limits EH40. CHIP for everyone HSG(108).

EU Legislation

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.

15.2 Chemical safety assessment

No additional information available.

16. OTHER INFORMATION

Hazard and/or Precautionary Statements in Full	H226 Flammable liquid and vapour H228 Flammable solid. H301 Toxic if swallowed H304 May be fatal if swallowed and enters airways. H317 May cause an allergic skin reaction. H332 Harmful if inhaled H371 May cause damage to organs H410 Very toxic to aquatic life with long lasting effects.
Other Information	None.
Revision Date	May 4, 2017
Reason for revision	New SDS
Rev No/Repl, SDS Generated	01

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