



Phytos Natur CZ. s.r.o.

MATERIAL SAFETY DATA SHEET

According to Regulation (EC) No. 1907/2006 (REACH) and Regulation (EU) 2020/878

Identification of the substance/mixture: Šalvěj lékařská

Revision date: 29.12.2024

Version: 3 (replaces version from 20.8.2022)

1. PRODUCT NAME AND COMPANY IDENTIFICATION

Product Name: Šalvěj lékařská
CAS Number: 8022-56-8 / 84082-79-1
EC Number: 282-025-9
Botanical Name: Salvia Officinalis Oil
Product Use: Aromatherapy, perfumery, cosmetics and personal care formulations according to legal and IFRA guidelines.
Company Name: Phytos Natur CZ s.r.o.
Company Address: Okrouhelská 258, 252 42 Oleško

2. HAZARD(S) IDENTIFICATION

Physical hazards: Not classified.
Health hazards: Skin corrosion/irritation Category 3
Serious eye damage/eye irritation Category 2B
Skin sensitizer Category 1

Environmental hazards: Hazardous to the aquatic environment, acute hazard Category 3
Hazardous to the aquatic environment, long-term hazard Category 4

Label elements:



Signal word: Warning

Hazard statement: Causes mild skin irritation. Causes eye irritation. May cause an allergic skin reaction.



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May be harmful if swallowed and enters airways. Harmful to aquatic life. May cause long lasting harmful effects to aquatic life.

Precautionary statement:

Prevention:	P201	Obtain special instructions before use.
	P202	Do not handle until all safety precautions have been read and understood.
	P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
	P264	Wash thoroughly after handling.
	P280	Wear protective gloves/ protective clothing/ eye protection/ face protection.
Response:	P302 + P352	If on skin: wash with plenty of water.
	P305 + P351 + P338	If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
	P333 + P313	If skin irritation or rash occurs: Get medical advice/attention.
	P337 + P313	If eye irritation persists: Get medical advice/attention.
	P370 + P378	In case of fire: Use appropriate media to extinguish.
Storage:	P403	Store in a well-ventilated place.
Disposal:	P501	Dispose of contents/container in accordance with local/regional/national/international regulations.
Hazard(s) not otherwise classified (HNOC):	None known.	
Supplemental information:	100% of the substance consists of component(s) of unknown acute dermal toxicity. 100% of the substance consists of component(s) of unknown acute inhalation toxicity. 100% of the substance consists of component(s) of unknown acute hazards to the aquatic environment. 100% of the substance consists of component(s) of unknown long-term hazards to the aquatic environment.	

3. COMPOSITION/ INFORMATION ON INGREDIENTS

Substances

Chemical Name / INCI Name	CAS Number	EINECS Number	%
Salvia Officinalis Oil	8022-56-8 / 84082-79-1	282-025-9	100



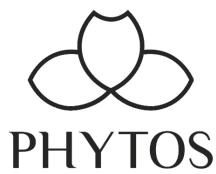
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The following substances are naturally occurring constituents of the essential oil and are classified according to Regulation (EC) No 1272/2008 (CLP). Substances marked with * are also listed as fragrance allergens in Commission Regulation (EU) 2023/1545.

Substance	CAS Number	EC Number	Concentration	CLP classification	H-statemenst
1,8-Cineol (Eucalyptol)	470-82-6	207-431-5	5–13 %	Skin Irrit. 2, Eye Irrit. 2	H315, H319
alpha-Humulene	6753-98-6	229-816-7	< 12 %	Skin Sens. 1	H317
alpha-Pinene*	80-56-8	201-291-9	1–7 %	Flam. Liq. 3, Skin Irrit. 2, Skin Sens. 1	H226, H315, H317
alpha-Thujone	546-80-5	208-912-2	18–43 %	Acute Tox. 3, Skin Irrit. 2	H301, H311, H315
beta-Pinene*	127-91-3	204-872-5	0.5–10 %	Flam. Liq. 3, Skin Irrit. 2, Skin Sens. 1	H226, H315, H317
beta-Thujone	1125-12-8	214-405-7	3–9 %	Acute Tox. 3, Skin Irrit. 2	H301, H311, H315
Borneol	507-70-0	207-353-1	< 2 %	Eye Irrit. 2	H319
Camphene	79-92-5	201-234-8	1–7 %	Flam. Sol. 2, Aquatic Acute 1	H228, H400
Camphor	76-22-2	200-945-0	4–25 %	Acute Tox. 4	H302
Citral*	5392-40-5	226-394-6	< 0.1 %	Skin Irrit. 2, Skin Sens. 1, Eye Irrit. 2	H315, H317, H319
Limonene*	138-86-3	205-341-0	3.0 %	Flam. Liq. 3, Skin Irrit. 2, Skin Sens. 1, Aquatic Acute 1, Aquatic Chronic 1	H226, H315, H317, H400, H410
Linalool*	78-70-6	201-134-4	1.0 %	Skin Irrit. 2, Eye Irrit. 2, Skin Sens. 1	H315, H319, H317
Myrcene	123-35-3	204-622-5	0.5–3 %	Flam. Liq. 3, Asp. Tox. 1, Skin Irrit. 2	H226, H304, H315
Viridiflorol	552-02-3	209-003-3	< 3 %	Skin Sens. 1	H317

4. FIRST AID MEASURES

Inhalation	If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. For breathing difficulties, oxygen may be necessary. Call a physician if symptoms develop or persist.
Skin contact	Take off immediately all contaminated clothing. Get medical attention if irritation develops and persists. Wash skin thoroughly with soap and water for several minutes.
Eye contact	Remove contact lenses, if present and easy to do. Get medical attention if irritation develops and persists. Promptly wash eyes with plenty of water while lifting the eye lids.



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Ingestion	Call a physician or poison control center immediately. If swallowed, rinse mouth with water (only if the person is conscious). Do not induce vomiting. If vomiting occurs, the head should be kept low so that stomach vomit doesn't enter the lungs.
Most important symptoms/ effects, acute and delayed	Direct contact with eyes may cause temporary irritation.
Indication of immediate medical attention and special treatment needed	Not available.
General information	Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance.

5. FIRE FIGHTING MEASURES

Flash point:	167 °C
Auto-ignition temperature:	No data available.
Flammability limits in air transit:	None identified.
Suitable extinguishing media:	Water spray, fog, CO2, dry chemical, or alcohol resistant foam.
Unsuitable extinguishing media:	Do not use a solid water stream as it may scatter and spread fire. Carbon Dioxide or Alcohol-resistant foam based.
Specific hazards arising from the chemical:	Fire may produce irritating, corrosive and/or toxic gases.
Special protective equipment and precautions for firefighters:	Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA. Structural firefighters protective clothing will only provide limited protection. Wear self-contained breathing apparatus with a full facepiece operated in the positive pressure demand mode when fighting fires.
Firefighting equipment/instructions:	In case of fire and/or explosion do not breathe fumes. Use standard firefighting procedures and consider the hazards of other involved materials. Move containers from fire area if you can do so without risk. Water runoff can cause environmental damage. Ventilate closed spaces before entering them. Keep run-off water out of sewers and water sources. Dike for water control.
Specific methods:	Use water spray to cool unopened containers.
General fire hazards:	Static charges generated by emptying package in or near flammable vapor may cause flash fire.



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6. ACCIDENTAL RELEASE MEASURES

Personal precautions,
protective equipment and
emergency procedures:

Eliminate all sources of ignition. Avoid contact with eye, skin or inhalation of spillage, dust or vapor.

Keep unnecessary personnel away. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them.

Methods and materials for
containment and cleaning up:

Collect and dispose of spillage as indicated in section 13 of the SDS.

Absorb with inert absorbent such as dry clay, sand or diatomaceous earth, commercial sorbents, or recover using pumps.

The product is immiscible with water and will spread on the water surface.

Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible.

Never return spills in original containers for re-use. This material and its container must be disposed of as hazardous waste. Eliminate all ignition sources (no smoking, flares, sparks or flames in immediate area). Prevent product from entering drains.

Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Absorb in vermiculite, dry sand or earth and place into containers.

Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

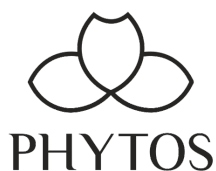
Environmental precautions:

Retain and dispose of contaminated wash water. Avoid release to the environment. Contact local authorities in case of spillage to drain/aquatic environment. Prevent further leakage or spillage if safe to do so. Do not contaminate water.

7. HANDLING AND STORAGE

Handling

Do not handle or store near an open flame, heat or other sources of ignition. Take precautionary measures against static discharges. All equipment used when handling the product must be grounded. Avoid breathing vapor. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. Wash thoroughly after handling.



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Storage	Keep container closed and away from heat and flame sources. Since emptied containers retain product residues, all hazard precautions given in this MSDS must be observed.
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8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Occupational exposure limits:	This substance has no PEL, TLV, or other recommended exposure limit.
Biological limit values:	No biological exposure limits noted for the ingredient(s).
Appropriate engineering controls:	Use explosion-proof ventilation equipment to stay below exposure limits. Adequate ventilation should be provided so that exposure limits are not exceeded.
Inhalation	Respirator is advised in the absence of proper ventilation.
Individual protection measures, such as personal protective equipment	
Eye/face protection:	Wear safety glasses with side shields (or goggles).
Skin protection	
Hand protection:	Chemical resistant gloves.
Other:	Wear suitable protective clothing.
Respiratory protection:	Respiratory protection not required. If ventilation is insufficient, suitable respiratory protection must be provided.
Thermal hazards:	Wear appropriate thermal protective clothing, when necessary.
General hygiene considerations:	Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Colorless to pale yellow liquid.
Odor:	Strong, sharp, warm, camphoraceous-herbaceous aroma.
Flash point:	167 °C
Evaporation rate:	Not available.
Flammability (solid, gas):	Not applicable
Optical rotation (°):	+2° to +28°
Refractive index:	1.458 - 1.478 @ 20°C.
Relative density:	0.908 - 0.923 @ 20°C.
Solubility in water:	Insoluble in water, soluble in alcohol and oils.



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10. STABILITY AND REACTIVITY

Reactivity:	The product is stable and non-reactive under normal conditions of use, storage and transport.
Chemical stability:	Material is stable under normal conditions.
Possibility of hazardous reactions:	No dangerous reaction known under conditions of normal use.
Conditions to avoid:	Avoid temperatures exceeding the flash point. Contact with incompatible materials.
Incompatible materials:	Strong oxidizing agents.
Hazardous decomposition products:	No hazardous decomposition products if stored and handled as indicated.
Byproducts:	Compounds may be formed during combustion.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity

Product information:	This product is safe for its intended use based on formulation; bulk, finished product, and stability testing results; and a long history of safe consumer use.
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Chronic Toxicity

Chronic Toxicity:	No specific information is available.
Target Organ Effects:	No specific information is available.

12. ECOLOGICAL INFORMATION

Biodegradability:	Not determined.
Aquatic toxicity:	Non-toxic.

13. DISPOSAL CONSIDERATIONS



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Waste Disposal Methods:	Disposal should be in accordance with all applicable Local, State and Federal regulations. Precautions to be taken in handling and storage. Do not discharge into waterways or sewer systems without proper or Local authorization.
Container Disposal:	Dispose in a licensed facility. Additionally, disposal should be in accordance with all applicable Local, State and Federal regulations. Precautions to be taken in handling and storage. Pressurized container. Do not puncture or incinerate. Store in cool, dry area away from the sunlight.
Other:	When product is properly discharged in low concentrations to biological wastewater treatment plants it should not cause any disturbances in the degradation activity of the activated sludge.

14. TRANSPORT INFORMATION

Road and Rail Transport:	Not classified as Dangerous Goods for transport Road and Rail. NONDANGEROUS GOODS.
Marine Transport:	Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IM DG) for transport by sea; (NON-DANGEROUS GOODS).

15. REGULATORY INFORMATION

TSCA:	Exempt from TSCA chemical inventory listing requirement.
DSL/NDSL:	Exempt from DSL/NDSL chemical inventory listing requirements.
EU Classification:	Non-dangerous.