SAFETY DATA SHEET (SDS)

Product name: Rosemary Oil

SDS issued: 18th May, 2026 by Herkon d.o.o. Mostar

SDS ID: 18-05-3-ML/26

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND COMPANY

1.1 Globally Harmonized System (GHS) Product identifier

Substance Name:	Rosemary Oil, Bosnia and Herzegovina, Natural Complex Substance (100% Pure and Natural)
Latin name of botanical source:	*Rosmarinus officinalis*
EC Name:	Rosmarinus Officinalis Leaf Oil
CAS Number:	84604-14-8/8000-25-7
EINECS:	283-291-9
REACH Registration Number:	-

Other means of identification

Item ID: LOT No: 060725

Seal ID: H-MO-194

Seal 2nd distribution:

Plomba br. H-MO-194
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1.2 Relevant identified uses and restrictions on use:

Aromatic ingredient: aromatherapy, natural perfumery, as recommended. Not for direct consumption as such. Do not ingest.

1.3 Supplier's details:

Company Name:

Company adress:

Company contact:

1.4 Emergency telephone number:

For Transport Emergencies:

SECTION 2: HAZARD (S) IDENTIFICATION

2.1 Classification of the substance or mixture

According to regulation EC 1272/2008	
Skin sensitization Cat.1	H317

Refer to the section 16 of the all hazard statements

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2.2 GHS label elements, including precautionary statements

Signal Word	Hazardous Statement	Precautionary Statement	Hazard Pictograms
N/A	H317-May causes an allergic skin reaction	P102-Keep out of the reach of children P261-Avoid breathing dust/fume/gas/mist/vapors/spray P272-Contaminated work clothing should not be allowed out of the workplace P280-Wear protective gloves/protective clothing/ eye protection/face protection P302+P352-IF ON SKIN: Wash with plenty of soap and water P333+P313- IF SKIN IRRITATION OR RASH OCCURS: Get medical advice/attention P362 + P364-Take off contaminated clothing and wash before reuse P501-Dispose of contents/container to an approved waste disposal plant	

2.3 Other hazards (that do not result in classification)

Special skid by leaking/spilling product.

SECTION 3: COMPOSITION/ INFORMATION ON INGREDIENTS

3.1Composition

Chemical Name (common name)	CAS#	EINECS#	Regulation EC 1272/2008	RTECS#	UN#	% by weight
Rosemary Leaf Extract	84604-14-8	283-291-9	N/A	N/A	N/A	35-40 %
EU Allergens:						
Linalool	138-86-3	N/A	N/A	N/A	N/A	1,32%
Limonene	78-70-6	N/A	N/A	N/A	N/A	6,03%

SECTION 4: FIRST-AID MEASURES

4.1 Description of necessary first-aid measures (of Substance)

Eye contact:
Check for and remove any contact lenses. Flush with water for 15 minutes. If symptoms persist get medical attention.

Skin Contact:
No harmful effect with normal skin. If skin irritation does occur, wash with water and soap and rinse thoroughly. If skin irritation continues, consult a doctor.

Excessive inhalation:
Not likely to occur under normal conditions of use. If symptoms occur, move to fresh air and obtain medical advice.

Ingestion:
Not an expected route of exposure. In the event of swallowing, if the quantity is small (no more than one mouthful), rinse the mouth with milk or water and consult a doctor. Keep the exposed person at rest. Do NOT force vomiting unless directed to do so by medical personnel. Seek immediate medical attention and show the Substance's label to medical personnel.

4.2 Most important symptoms and effects, both acute and delayed (of Substance)

Eye contact:
May cause eye irritation and corneal damage if not immediately rinsed out.

Skin Contact:
Repeated contact may cause allergic dermatitis.

Inhalation:
Provide fresh air if needed.

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Ingestion:
Not an expected route of exposure.

4.3 Indication of any immediate medical attention and special treatment needed (of Substance)

None known.

SECTION 5: FIRE-FIGHTING MEASURES

FLASH POINT = 46,6°C (CoA no. 10-141/26 issued on 12th May 2026 by Herkon d.o.o. Mostar Test Laboratory)

5.1 Extinguishing media

Suitable extinguishing media: sprayed water or water mist, alcohol-resistant foam, multipurpose ABC powder, BC powder, carbon dioxide (CO_2)

Unsuitable extinguishing media: water jet (straight stream).

5.2 Specific hazards arising from the chemical/special fire fighting procedures

None known

5.3 Special protective actions for firefighters

Use self-contained breathing apparatus and protective clothing.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Stop leak if you can do so without risk. Avoid contact with skin, eyes, and clothes. Provide adequate ventilation. Consult safety measures listed under Sections 7 and 8.

For firefighters:
Firefighters will be equipped with suitable personal protective equipment (See Section 8). High temperature may increase the pressure inside the container-cool the container by sprinkling water. Avoid breathing emitted vapors.

6.2 Environmental precautions

Contain and control the leaks or spills with non-combustible absorbent materials such as sand, earth, vermiculite, or diatomaceous earth in drums for waste disposal. Avoid allowing product to reach sewage system or any waterways. Inform respective authorities in case of seepage into sewage system or waterways.

6.3 Methods and material or containment and cleaning up

Absorb spill with non-combustible matter (such as detergent, do not use solvents), transfer to containers and dispose off in accordance with local laws and regulations.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

Handle in accordance with good industrial hygiene and safety practice. Avoid unintentional contact with skin surfaces. Wear suitable protective clothing. Avoid inhalation. Ensure good ventilation or exhaust in workplace. Do not allow contact with eyes. Always wash hands after handling. Remove and wash contaminated clothing before re-using. Ensure that there is adequate ventilation, especially in confined areas. Do not eat, drink, smoke in the working areas.

7.2 Conditions for safe storage, including any incompatibilities

Store in closed glass containers, away from heat, light and other sources of ignition. Store in cool area.

SECTION 8: EXPOSURE CONTROL/PERSONAL PROTECTION

8.1 Control parameters

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OSHA TWA: None established
OSHA STEL: None established
ACGIH TWA: None established
ACGIH STEL: None established
NOHSC TWA: None established
NOHSC STEL: None established

8.2 Appropriate exposure control and Individual protection measures

General room or local exhaust ventilation is usually required to meet exposure limit(s). Electrical equipment should be grounded and conform to applicable electrical code. Do not re-use empty containers.

Personal protective equipment:
Use personal protective equipment that is clean and has been properly maintained. Store personal protective equipment in a clean place away from the work area. Never eat, drink, or smoke during use. Remove and wash contaminated clothing before re-using.

Eye/face protection:
Avoid contact with eyes. Use eye protectors (safety goggles in accordance with standard EN166) designed to protect against liquid splashes. Hand protection: Wear suitable protective gloves (resistant to chemical agents in accordance with standard EN374) in the event of prolonged or repeated skin contact.

Type of gloves recommended:
Nitrile rubber (butadiene-acrylonitrile copolymer rubber (NBR)) or PVA (Polyvinyl alcohol).

Body protection:
Work clothing worn by personnel shall be laundered regularly. After contact with the product, all parts of the body that have been soiled must be washed.


Safety Glasses


Paint Suit


Gloves

SECTION 9: PHYSICAL CHEMICAL PROPERTIES

9.1 Basic informations:

Physical state: Transparent Liquid
Color: Clear, pale yellow
Odor: Fresh, strong, wood
Miscibility in water: Insoluble
Miscibility in alcohol: Soluble
Miscibility in essential oil: Soluble
Liposolubility: Liposoluble
pH: Not applicable
Boiling point/boiling range: Not specified
Flash Point: 46,6°C
Vapor pressure: Not specified
Evaporation rate: Not specified
Water solubility: Insoluble
Self-ignition temperature: Not specified
Decomposition point/decomposition range: Not specified
Refractive index at 20°C: 1,471
Partition coefficient: Not specified
Density at 20°C: 0,884 g/cm^3

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SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity
Not reactive.

10.2 Chemical stability
This substance is stable under the recommended handling and storage conditions in Section 7.

10.3 Possibility of hazardous reactions
When exposed to high temperatures, the substance may release hazardous decomposition products, such as carbon monoxide, carbon dioxide, fumes, and nitrogen oxide.

10.4. Conditions to avoid
None known.

10.5 Incompatible materials
Alkali metals, oxidizing agents, peroxides, strong organic acids.

10.6 Hazardous decomposition products
The thermal decomposition may release/form carbon monoxide (CO) and carbon dioxide (CO_2).

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Acute toxicity
No data available.

11.2 Skin corrosion/irritation
May be irritating to skin.

11.3 Serious eye damage/irritation
May be irritating to eyes. Prompt rinsing and removal of the substance will avoid damage.

11.4 Respiratory sensitization
Breathing high concentrations of vapor may cause anesthetic effects.

11.5 Exposure
Exposure to vapors from this solvent in excess of the stated occupational exposure limit may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on kidney, liver and central nervous system. Repeated or prolonged contact with the substance may cause removal of natural oil from the skin, resulting in non-allergic contact dermatitis and absorption through the skin. Splashes in the eyes may cause irritation and reversible damage.

11.6 Germ cell mutagenicity
Not specified

11.7 Carcinogenicity
IARH: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
NTP: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

11.8 Reproductive toxicity
Not specified

STOT-single exposure:
Not specified

11.9 STOT-related exposure
Not specified

11.10 Aspiration hazard
Not specified

11.11 Information on the likely routes of exposure
Skin/scalp contact.

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11.12 Symptoms related to the physical, chemical, and toxicological characteristics
None known. Irritation of the eye if exposed. Redness of the skin if irritated.

11.13 Interactive effects
Not specified

11.14 Where specific chemical data are not available
Not specified

11.15 Substances
Not specified

11.16 Substances verses ingredient information
Not specified

11.17 Other Information
RTECS: Not specified

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity
Acute fish toxicity: No data available
LCSO /96 HOUR- No data available
Toxicity to aquatic plants- No data available
Toxicity to microorganisms- No data available
Toxicity threshold- No data available

12.2 Persistence and degradability
Biodegradation is expected

12.3 Bio-accumulative potential
Bioaccumulation is unlikely

12.4 Mobility in soil
Unknown

12.5 Results of PBT and vPvB assessment
No data available

12.6 Other adverse affect
Avoid exposure to marine environments and waterways

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods
Do not pour into drains or waterways. Observe all federal, state and local environmental regulations. Member State-specific and Community- specific provisions must be considered. Considering the relevant known environmental and human health hazards of the materials, review and implement appropriate technical and procedural wastewater and waste disposal measures to prevent occupational exposure and environmental release. It is recommended that waste minimization be practiced. The best available technology should be utilized to prevent environmental release. This may include destructive techniques for waste and wastewater. In extreme situations, contact a licensed professional waste disposal service to dispose of this material.

Waste:
Proper waste management of the substance and/or its container must be determined in accordance with Directive 2008/98/EC. Do not pour into drains or waterways. Waste management is carried out without endangering human health, without harming the environment, and in particular without risk to water, air, soil, plants or animals. Recycle or dispose of waste in compliance with current legislation, preferably via a certified collector or company.
Soiled packaging: Empty all containers completely. Keep label(s) on every container. Give to a certified disposal contractor.

SECTION 14: TRANSPORT INFORMATION

14.1 UN Number
UN 1197 - Extracts, liquid

14.2 Transportation hazard classes

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ADR	3, III, D/E
IATA	3, III
IMDG	3, III



14.3 Environmental hazards



Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

14.4 Transport in bulk according to Annex II of MARPOL 73/78[a] and IBC Code

Not specified

14.5 Additional transport information

Not specified

SECTION 15: REGULATORY INFORMATION

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

Country	Notification
Canada	Not regulated
EU	See EU Allergens in Section 3
Hong Kong	Not regulated
Singapore	Not regulated
USA	Not regulated by Federal or State Regulations **California Prop. 65 Components** This contains chemicals known to the State of California to cause cancer, birth defects, and/or reproductive harm. See Section 3 for details.

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SECTION 16: OTHER INFORMATION

The information in this Safety Data Sheet (SDS) is believed to be accurate as of the date issued. It was obtained from current and reliable sources. Information provided by Lazarus d.o.o. Stolac, Bosnia & Herzegovina was used as input for creating this Safety Data Sheet (SDS). Herkon d.o.o. Mostar seal if used, is meant to stay on through to the specified product final destination and is removed by the consignee.

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Bibliography, data sources: IFRA IOFI Labeling manual 2018, above mentioned Regulation, other data sources and data bases

Hazardous classification for mixture and evaluation methods according to Reg EC 1272/2008

Classification		Method
Harmful if inhalled	H332	Calculated
Causes skin irritation	H315	Calculated
May cause damage to organs	H371	Calculated
Harmful if swallowed	H302	Calculated
Flammable liquid and vapour	H226	Based on test data

Safety Data Sheet (SDS) consists of eight (8) pages

Created on behalf of the above mentioned Supplier by:

HERKON d.o.o. MOSTAR 2

- END OF SAFETY DATA SHEET (SDS)-

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