

MATERIAL SAFETY DATA SHEET

BIORUŽA, s. r. o.

Laborecká 1, 010 01 Žilina, IČO: 52234070, IČ DPH: SK2120953802, tel.: 00421 905 864 140, info@bioruza.sk

PARSLEY ESSENTIAL OIL

1. IDENTIFICATION Product Description: CAS #:

PARSLEY ESSENTIAL OIL 8000-68-8 ; 84012-33-

INCI Name: Botanical Name:

Petroselinum Crispum Seed Oil Petroselinum sativum

Recommended use:

Concentrated aromatic ingredient which may be used in aromatherapy, natural perfumery, cosmetics and personal care formulations according to legal and IFRA guidelines.

Company Name:

BIORUŽA, s. r. o.,

Email:

info@bioruza.sk

2. HAZARD(S) IDENTIFICATION

Physical hazards: Health hazards:

Not classified.

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

Signal word: Hazard statement:

Category 3 Hazardous to the aquatic environment, long-term hazard

Category 4

Warning

Causes mild skin irritation. Causes eye irritation. May cause an allergic skin reaction. May be harmful if swallowed and enters airways. Harmful to aquatic life. May cause long lasting harmful effects to aquatic life.

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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.

Storage Disposal

P333 + P313

Hazard(s) not otherwise classified (HNOC):

If skin irritation or rash occurs: Get medical advice/attention. P337 + P313 If eye irritation persists: Get medical advice/attention.

Supplemental information:

P370 + P378
In case of fire: Use appropriate media to extinguish.

P403

Store in a well-ventilated place.

P501 Dispose of contents/container in accordance with local/regional/national/ international regulations.

None known.

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.

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3. COMPOSITION/INFORMATION ON INGREDIENTS

Substances

Chemical Name	CAS number	EINECS number	%
Petroselinum Crispum Seed Oil	8000-68-8 ; 84012-33-9	281-677-1	100

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 Eye contact Ingestion

Take off immediately all contaminated clothing. Get medical attention if irritation develops and persists. Wash skin thoroughly with soap and water for several minutes.

Most important symptoms/effects, acute and delayed

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.

Indication of immediate medical attention and special treatment needed

General information

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.

Direct contact with eyes may cause temporary irritation.

Not available.

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

Suitable extinguishing media: Unsuitable extinguishing media:

Specific hazards arising from the chemical:

Special protective equipment and precautions for firefighters:

Fire fighting equipment/instructions:

Water spray, fog, CO2, dry chemical, or alcohol resistant foam. Do not use a solid water stream as it may scatter and spread fire. Fire may produce irritating, corrosive and/or toxic gases.

Specific methods: General fire hazards:

Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber

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boots, and in enclosed space.

Wear self-contained breathing apparatus with a full facepiece operated in the positive pressure demand mode when fighting fires.

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.

Use water spray to cool unopened containers.

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:

Methods and materials for containment and cleaning up:

Eliminate all sources of ignition. Avoid contact with 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.

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.

Environmental precautions:

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.

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

Precautions for safe 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.

Conditions for safe storage, including any incompatibilities:

Keep container closed. Handle containers with care. Open

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slowly in order to control possible pressure release. Store in a cool, well-ventilated area.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational exposure limits: Biological limit values: Appropriate engineering controls:

This substance has no PEL, TLV, or other recommended exposure limit. No biological exposure limits noted for the ingredient(s).

Use explosion-proof ventilation equipment to stay below exposure limits. Adequate ventilation should be provided so that exposure limits are not exceeded.

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Individual protection measures, such as personal protective equipment

Eye/face protection: Skin protection

Wear safety glasses with side shields (or goggles).

Hand protection:

Chemical resistant gloves.

Other: Respiratory protection:

Wear suitable protective clothing.

Thermal hazards:

Respiratory protection not required. If ventilation is insufficient, suitable respiratory protection must be provided.

General hygiene considerations:

Wear appropriate thermal protective clothing, when necessary.

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: Pale yellow to amber colored liquid.

Odor: Fresh, herbaceous, spicy odour.

pH: Not available.

Melting point/freezing point: Not available.

Initial boiling point and boiling range: Not available.

Flash point: +75 °C

Evaporation rate: Not available.

Flammability (solid, gas): Not applicable.

Vapor pressure: Not available.

Refractive Index: 1.509 - 1.526 @ 20°C.

Relative density: 0.990 - 1.083 @ 20°C.

Solubility in water: Insoluble.

Auto-ignition temperature: Not available.

Decomposition temperature: Not available.

Viscosity: Not available

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10. STABILITY AND REACTIVITY

Reactivity: Chemical stability:

The product is stable and non-reactive under normal conditions of use, storage and transport. Material is stable under normal conditions.

Possibility of hazardous reactions:

No dangerous reaction known under conditions of normal use.

Conditions to avoid:

Incompatible materials:

Avoid temperatures exceeding the flash point.

Hazardous decomposition products:

Contact with incompatible materials. Strong oxidizing agents.

No hazardous decomposition products if stored and handled as indicated.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Inhalation: Knowledge about health hazard is incomplete.

Skin contact: Knowledge about health hazard is incomplete.

Eye contact: Knowledge about health hazard is incomplete.

Ingestion: Expected to be a low ingestion hazard.

Symptoms related to the physical, chemical and toxicological characteristics:

Direct contact with eyes may cause temporary irritation.

Information on toxicological effects

Acute toxicity:

Not available.

Skin corrosion/irritation:

Due to partial or complete lack of data

Serious eye damage/eye irritation:

the classification is not possible. Due

Respiratory or skin sensitization

to partial or complete lack of data the

classification is not possible.

Respiratory sensitization:

Due to partial or complete lack of data the classification is not possible.

Skin sensitization: Germ cell mutagenicity:

Due to partial or complete lack of

data the classification is not

possible. Due to partial or

complete lack of data the

classification is not possible.

Carcinogenicity:

Due to partial or complete lack of data the classification is not possible.

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IARC Monographs. Overall Evaluation of Carcinogenicity:

Not listed.

OSHA Specifically Regulated Substances (29 CFR

1910.1001-1053): Not listed.

US. National Toxicology Program (NTP) Report on Carcinogens:

Not listed.

Reproductive toxicity:

Due to partial or complete lack of data

Specific target organ toxicity - single exposure:

the classification is not possible. Due

Specific target organ toxicity - repeated exposure:

to partial or complete lack of data the

classification is not possible.

Due to partial or complete lack of data the classification is not possible.

Aspiration hazard:

Due to partial or complete lack of data the classification is not possible.

12. ECOLOGICAL INFORMATION

Ecotoxicity:

The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

Persistence and degradability: Bioaccumulative potential: Mobility in soil:

No data is available on the degradability of this substance. No data available.

Other adverse effects:

No data available. No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

13. DISPOSAL CONSIDERATIONS

Disposal instructions:

Do not discharge into drains, water courses or onto the ground. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents/container in accordance with local/regional/national/international regulations.

Local disposal regulations: Hazardous waste code:

Waste from residues / unused products:

Dispose in accordance with all applicable regulations. Not established.

Contaminated packaging:

Empty containers or liners may retain some product residues.

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This material and its container must be disposed of in a safe manner (see: Disposal instructions).

Since emptied containers may retain product residue, follow label

warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.

14. TRANSPORT INFORMATION

Transport	Rule	Hazard class	Packing group	UN number
Land	RID/ADR	Not Regulated	Not Regulated	Not Regulated
Maritime	IMDG			
Air	IATA/DGR			

15. REGULATORY INFORMATION

US federal regulations

Toxic Substances Control Act (TSCA):

Not regulated.

CERCLA Hazardous Substance List (40 CFR 302.4):

Not listed.

SARA 304 Emergency release notification:

Not regulated.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053):

Not listed.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

SARA 302 Extremely hazardous substance:

Not listed.

SARA 311/312 Hazardous:

No listed

SARA 313 (TRI reporting):

Not regulated.

Other federal regulations

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List:

Not regulated.

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130):

Not regulated.

Safe Drinking Water Act (SDWA):

Not regulated.