

Safety Data Sheet (SDS) for Saunaöl Bergwald Echo

In accordance with Regulation (EC) No. 1907/2006 (REACH Regulation)

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SECTION 1: Identification of the Substance/Mixture and of the Company

1.1 Product Identifier

Product Name: Emma Grün® Saunaaufguss Zirbe 100ml [MIT ZIRBENÖL] - Waldig-Frisches Sauna Aufgussmittel

UFI: 2C00-60J2-800S-GXWQ

1.2 Relevant Identified Uses of the Substance or Mixture and Uses Advised Against

Recommended Use: Cosmetology, external use only

1.3 Details of the Supplier of the Safety Data Sheet

Supplier:

Emma Grün GmbH

Benediktstraße 4

86947 Weil - DE

1.4 Emergency Telephone Number:

Emergency number available during office hours (Mo – Fr; 9:00 – 17:00):

+49 160 7681645

SECTION 2: Hazards Identification

2.1 Classification of the Substance or Mixture

Classification according to Regulation (EC) No. 1272/2008 (CLP):

- Ethanol: H225 (Highly flammable liquid and vapor), H319 (Causes serious eye irritation)
- Pine Cembra Oil: H225 (Highly flammable liquid and vapor), H315 (Causes skin irritation), H319 (Causes serious eye irritation), H317 (May cause an allergic skin reaction), H304 (May be fatal if swallowed and enters airways), H411 (Toxic to aquatic life with long-lasting effects)
- Austrian Fir Oil: H225 (Highly flammable liquid and vapor), H315 (Causes skin irritation), H317 (May cause an allergic skin reaction), H410 (Very toxic to aquatic life with long-lasting effects)

2.2 Label Elements

Labelling according to Regulation (EC) No. 1272/2008 (CLP):



GHS02

GHS07

GHS08

GHS09

Signal Word: Danger

Hazard Statements:

- H225: Highly flammable liquid and vapor.
- H304: May be fatal if swallowed and enters airways.
- H315: Causes skin irritation.
- H317: May cause an allergic skin reaction.
- H319: Causes serious eye irritation.
- 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.
- P280: Wear protective gloves/protective clothing/eye protection/face protection.
- P301+P310: IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
- 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.
- P501: Dispose of contents/container to an approved waste disposal plant.

2.3 Other Hazards:

- Results of PBT and vPvB assessment: Not applicable.

SECTION 3: Composition/Information on Ingredients

3.2 Mixtures

Description: Mixture of the substances listed below with non-hazardous additions.

Hazardous Ingredients:

Substance	CAS Number	Concentration	Classification according to Regulation (EC) No. 1272/2008 (CLP)
Ethanol	64-17-5	93%	Flam. Liq. 2, H225; Eye Irrit. 2, H319
Pine Cembra Oil	92202-04-5	3%	Flam. Liq. 2, H225; Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1, H317; Asp. Tox. 1, H304; Aquatic Chronic 2, H411
Austrian Fir Oil	8021-27-0	4%	Flam. Liq. 2, H225; Skin Irrit. 2, H315; Skin Sens. 1, H317; Aquatic Chronic 1, H410

SECTION 4: First Aid Measures

4.1 Description of First Aid Measures

General Advice: Remove contaminated clothing immediately.

After Inhalation:

- Ensure fresh air supply.
- If unconscious, place in recovery position and seek medical advice.

After Skin Contact:

- Wash with water and soap.
- Consult a doctor if skin irritation persists.

After Eye Contact:

- Rinse cautiously with water for several minutes.
- Remove contact lenses, if present and easy to do. Continue rinsing and consult a doctor if irritation persists.

After Ingestion:

- Do not induce vomiting.
- Call a doctor or poison control center immediately.

4.2 Most Important Symptoms and Effects, Both Acute and Delayed

- Skin irritation, eye irritation, allergic skin reactions, respiratory difficulties.

4.3 Indication of Any Immediate Medical Attention and Special Treatment Needed

- Symptomatic treatment.

SECTION 5: Fire-Fighting Measures

5.1 Extinguishing Media

Suitable Extinguishing Media: CO₂, dry powder, or water spray. Use alcohol-resistant foam for larger fires.

5.2 Special Hazards Arising from the Substance or Mixture

- Hazardous gases may be released in a fire.

5.3 Advice for Firefighters

- Wear self-contained breathing apparatus for firefighting.

SECTION 6: Accidental Release Measures

6.1 Personal Precautions, Protective Equipment and Emergency Procedures

- Wear protective equipment. Keep unprotected persons away.

6.2 Environmental Precautions

- Do not allow to enter sewers/surface or ground water.

6.3 Methods and Material for Containment and Cleaning Up

- Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders).

6.4 Reference to Other Sections

- See Section 7 for information on safe handling.
- See Section 8 for information on personal protection equipment.
- See Section 13 for disposal information.

SECTION 7: Handling and Storage

7.1 Precautions for Safe Handling

- Ensure good ventilation. Avoid formation of aerosols.

7.2 Conditions for Safe Storage, Including Any Incompatibilities

- Store in a cool, well-ventilated place. Keep container tightly closed.

7.3 Specific End Uses

- No further relevant information available.

SECTION 8: Exposure Controls/Personal Protection

8.1 Control Parameters

- No further relevant information available.

8.2 Exposure Controls

General protective and hygienic measures: Keep away from foodstuffs, beverages, and feed. Remove all contaminated clothing immediately. Wash hands before breaks and at the end of work. Avoid contact with the eyes and skin.

Respiratory Protection:

- Use suitable respiratory protective device in case of insufficient ventilation.

Hand Protection:

- Protective gloves. The glove material has to be impermeable and resistant to the substance.

Eye Protection:

- Tightly fitting safety goggles.
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SECTION 9: Physical and Chemical Properties**9.1 Information on Basic Physical and Chemical Properties**

General Information:

- Appearance: Liquid
- Color: Colorless
- Odor: Characteristic/pleasant
- Boiling Point: 78.0°C
- Melting Point: -114.5°C
- Flash Point: 13.0°C
- Vapor Density: 1.59 (Air = 1)
- Autoignition Temperature: 425°C
- Lower Explosion Limit: 3.5%
- Upper Explosion Limit: 15%
- Solubility: Easily soluble in cold water

9.2 Other Information

- No further relevant information available.
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SECTION 10: Stability and Reactivity**10.1 Reactivity**

- No special reactivity hazards known.

10.2 Chemical Stability

- Stable under recommended storage conditions.

10.3 Possibility of Hazardous Reactions

- No dangerous reactions known.

10.4 Conditions to Avoid

- Heat, sparks, open flames.

10.5 Incompatible Materials

- No known incompatible materials.

10.6 Hazardous Decomposition Products

- No dangerous decomposition products known.
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SECTION 11: Toxicological Information

11.1 Information on Toxicological Effects

Acute Toxicity: Based on available data, the classification criteria are not met.

LD/LC50 Values Relevant for Classification:

- Ethanol: Oral LD50 6200-17800 mg/kg (rat)

Skin Corrosion/Irritation:

- Causes skin irritation.

Serious Eye Damage/Irritation:

- Causes serious eye irritation.

Respiratory or Skin Sensitization:

- May cause an allergic skin reaction.

11.2 Additional Toxicological Information:

- No further relevant information available.
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SECTION 12: Ecological Information

12.1 Toxicity

Aquatic Toxicity:

Substance	Type	Value
Ethanol	LC50/96h	0.7 mg/l (fish)
Pine Cembra Oil	EC50/48h	0.11 mg/l (daphnia)
Austrian Fir Oil	EC50/72h	1.0 mg/l (algae)

12.2 Persistence and Degradability

- Readily biodegradable

12.3 Bioaccumulative Potential

- Low bioaccumulation potential

12.4 Mobility in Soil

- No further relevant information available.

12.5 Results of PBT and vPvB Assessment

- Not applicable.

12.6 Endocrine Disruptors

- The product does not contain endocrine disruptors.

12.7 Other Adverse Effects

- No further relevant information available.
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SECTION 13: Disposal Considerations

13.1 Waste Treatment Methods

Recommendation:

- Must not be disposed together with household garbage. Do not allow product to reach sewage system.

Uncleaned Packaging:

- Disposal must be made according to official regulations.
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SECTION 14: Transport Information

14.1 UN Number

- UN1170

14.2 UN Proper Shipping Name

- Ethanol solution

14.3 Transport Hazard Class(es)

- Class 3

14.4 Packing Group

- II

14.5 Environmental Hazards

- Marine pollutant: yes

14.6 Special Precautions for User

- Warning: Flammable liquids.

14.7 Transport in Bulk According to Annex II of MARPOL and the IBC Code

- Not applicable.
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SECTION 15: Regulatory Information

15.1 Safety, Health, and Environmental Regulations/Legislation Specific for the Substance or Mixture

- Directive 2012/18/EU (Seveso III): P5c - Flammable liquids.

15.2 Chemical Safety Assessment

- A chemical safety assessment has not been carried out.
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SECTION 16: Other Information

Hazard Statements (H-phrases):

- H225: Highly flammable liquid and vapor.
- H304: May be fatal if swallowed and enters airways.
- H315: Causes skin irritation.
- H317: May cause an allergic skin reaction.
- H319: Causes serious eye irritation.
- H411: Toxic to aquatic life with long-lasting effects.
- H410: Very toxic to aquatic life with long-lasting effects.

Abbreviations and Acronyms:

- ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road
- IMDG: International Maritime Code for Dangerous Goods
- IATA: International Air Transport Association
- GHS: Globally Harmonized System of Classification and Labelling of Chemicals

- EINECS: European Inventory of Existing Commercial Chemical Substances
- CAS: Chemical Abstracts Service
- VOC: Volatile Organic Compounds
- DNEL: Derived No-Effect Level
- PNEC: Predicted No-Effect Concentration
- LC50: Lethal Concentration, 50 percent
- LD50: Lethal Dose, 50 percent
- PBT: Persistent, Bioaccumulative, and Toxic
- vPvB: very Persistent and very Bioaccumulative
- Flam. Liq. 3: Flammable liquids – Category 3
- Asp. Tox. 1: Aspiration hazard – Category 1
- Skin Irrit. 2: Skin irritation – Category 2
- Eye Irrit. 2: Serious eye irritation – Category 2
- Skin Sens. 1: Skin sensitization – Category 1
- Aquatic Acute 1: Hazardous to the aquatic environment – Acute Hazard, Category 1
- Aquatic Chronic 2: Hazardous to the aquatic environment – Chronic Hazard, Category 2
- Aquatic Chronic 3: Hazardous to the aquatic environment – Chronic Hazard, Category 3