

Safety Data Sheet

according to UK REACH Regulation

Sauna-Duft-Konzentrat Holunder-Zwetschge

Revision date: 03.09.2024

Product code: F1000611

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SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Premium Sauna Scent Elderberry Plum, Sauna Aroma Concentrate Elderberry and Plum, SAC260100EP, SAC261000EP

UFI: 8GXN-WKN6-SAMT-TAHX

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture

Dosage: give 5 ml on 1 litre of water, well mix.

Uses advised against

No data available

1.3. Details of the supplier of the safety data sheet

Company name: Harvia Finland OY
Place: FIN-40951 Muurame
Post-office box: P.O.Box 12
FIN Muurame
Telephone: +358 207 464 000
E-mail: m.woermanseder@harvia.com
Contact person: Markus Wörmanseder
Internet: www.harvia.com
Responsible Department: Poison advisory center

1.4. Emergency telephone number:

+358 9 471 977

Further Information

Plastic bottle 100 ml and 1l

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

GB CLP Regulation

Flam. Liq. 3; H226

Eye Irrit. 2; H319

STOT SE 3; H336

Full text of hazard statements: see SECTION 16.

2.2. Label elements

GB CLP Regulation

Hazard components for labelling

propan-2-ol; isopropyl alcohol; isopropanol

Signal word: Warning

Pictograms:



Hazard statements

H226

Flammable liquid and vapour.

H319

Causes serious eye irritation.

H336

May cause drowsiness or dizziness.

Precautionary statements

P210

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No

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| | |
|----------------|--|
| | smoking. |
| P261 | Avoid breathing smoke. |
| P271 | Use only outdoors or in a well-ventilated area. |
| P280 | Wear protective gloves/protective clothing/eye protection/face protection/hearing protection. |
| P303+P361+P353 | IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower. |
| P312 | Call a POISON CENTER/doctor if you feel unwell. |
| P305+P351+P338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |
| P337+P313 | If eye irritation persists: Get medical advice/attention. |
| P370+P378 | In case of fire: Use CO2 to extinguish. |
| P233 | Keep container tightly closed. |
| P403+P235 | Store in a well-ventilated place. Keep cool. |
| P405 | Store locked up. |

Special labelling of certain mixtures

EUH208 Contains propan-2-ol; isopropyl alcohol; isopropanol, citral, dipentene, limonene. May produce an allergic reaction.

Labelling of packages where the contents do not exceed 125 ml

Signal word: Warning

Pictograms:

**Hazard statements**

H319

Precautionary statements

P210-P305+P351+P338-P337+P313

SECTION 3: Composition/information on ingredients**3.2. Mixtures**

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Relevant ingredients

| CAS No | Chemical name | | | Quantity |
|-----------|---|--------------|----------|-------------|
| | EC No | Index No | REACH No | |
| | Classification (GB CLP Regulation) | | | |
| 67-63-0 | propan-2-ol; isopropyl alcohol; isopropanol | | | 45 - < 50 % |
| | 200-661-7 | 603-117-00-0 | | |
| | Flam. Liq. 2, Eye Irrit. 2, STOT SE 3; H225 H319 H336 | | | |
| 5471-51-2 | 4-(4-Hydroxyphenyl)butan-2-on | | | < 1 % |
| | 226-806-4 | | | |
| 106-27-4 | 3-Methylbutylbutyrat | | | < 1 % |
| | 203-380-8 | | | |
| | Flam. Liq. 3, Aquatic Chronic 3; H226 H412 | | | |
| 138-86-3 | dipentene; limonene | | | < 1 % |
| | 205-341-0 | 601-029-00-7 | | |
| | Flam. Liq. 3, Skin Irrit. 2, Skin Sens. 1, Aquatic Acute 1, Aquatic Chronic 1; H226 H315 H317 H400 H410 | | | |
| 108-64-5 | Ethylisovalerianat | | | < 1 % |
| | 203-602-3 | | | |
| | Flam. Liq. 3, Skin Irrit. 2; H226 H315 | | | |
| 513-86-0 | 3-Hydroxy-2-butanon | | | < 1 % |
| | 208-174-1 | | | |
| | Flam. Liq. 3, Eye Irrit. 2; H226 H319 | | | |
| 64-19-7 | acetic acid ... % | | | < 1 % |
| | 200-580-7 | 607-002-00-6 | | |
| | Flam. Liq. 3, Skin Corr. 1A; H226 H314 | | | |
| 5392-40-5 | citral | | | < 1 % |
| | 226-394-6 | 605-019-00-3 | | |
| | Skin Irrit. 2, Skin Sens. 1; H315 H317 | | | |
| 75-07-0 | acetaldehyde; ethanal | | | < 1 % |
| | 200-836-8 | 605-003-00-6 | | |
| | Flam. Liq. 1, Carc. 1B, Muta. 2, Eye Irrit. 2, STOT SE 3; H224 H350 H341 H319 H335 | | | |

Full text of H and EUH statements: see section 16.

Specific Conc. Limits, M-factors and ATE

| CAS No | EC No | Chemical name | Quantity |
|-----------|---|---|-------------|
| | Specific Conc. Limits, M-factors and ATE | | |
| 67-63-0 | 200-661-7 | propan-2-ol; isopropyl alcohol; isopropanol | 45 - < 50 % |
| | inhalation: LC50 = 30-46,5 mg/l (vapours); dermal: LD50 = 12800-13400 mg/kg; oral: LD50 = 4570-5045 mg/kg | | |
| 64-19-7 | 200-580-7 | acetic acid ... % | < 1 % |
| | oral: LD50 = 3310 mg/kg Skin Corr. 1A; H314: >= 90 - 100 Skin Corr. 1B; H314: >= 25 - < 90 Skin Irrit. 2; H315: >= 10 - < 25 Eye Irrit. 2; H319: >= 10 - < 25 | | |
| 5392-40-5 | 226-394-6 | citral | < 1 % |
| | dermal: LD50 = 2250 mg/kg; oral: LD50 = >5000 mg/kg | | |
| 75-07-0 | 200-836-8 | acetaldehyde; ethanal | < 1 % |
| | inhalation: LC50 = 24 mg/l (vapours) | | |

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SECTION 4: First aid measures

4.1. Description of first aid measures

General information

If victim is at risk of losing consciousness, position and transport on their side.

After inhalation

Provide fresh air. Seek medical attention if problems persist.

After contact with skin

After contact with skin, wash immediately with: Water and soap.

After contact with eyes

In case of contact with eyes, rinse immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart. In case of troubles or persistent symptoms, consult an ophthalmologist.

After ingestion

Seek medical attention if problems persist.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Carbon dioxide (CO₂). Dry extinguishing powder. Foam.

Unsuitable extinguishing media

High power water jet.

5.2. Special hazards arising from the substance or mixture

In case of fire and/or explosion do not breathe fumes.

5.3. Advice for firefighters

No special measures are necessary.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General advice

Remove all sources of ignition.

6.2. Environmental precautions

Do not allow to enter into surface water or drains.

6.3. Methods and material for containment and cleaning up

For containment

Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents).

For cleaning up

Do not rinse down with water.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Use only in well-ventilated areas. Keep away from sources of ignition - No smoking.

Advice on protection against fire and explosion

Take precautionary measures against static discharges.

Advice on general occupational hygiene

Keep away from food, drink and animal feedingstuffs. Take off immediately all contaminated clothing.

7.2. Conditions for safe storage, including any incompatibilities

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Requirements for storage rooms and vessels

Keep container tightly closed and in a well-ventilated place.

Further information on storage conditions

Protect against: heat.

7.3. Specific end use(s)

No data available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure limits (EH40)

| CAS No | Substance | ppm | mg/m ³ | fibres/ml | Category | Origin |
|---------|--------------------------------|-----|-------------------|-----------|---------------|--------|
| 75-07-0 | Acetaldehyde | 20 | 37 | | TWA (8 h) | WEL |
| | | 50 | 92 | | STEL (15 min) | WEL |
| 64-19-7 | Acetic acid | 10 | 25 | | TWA (8 h) | WEL |
| | | 20 | 50 | | STEL (15 min) | WEL |
| 67-63-0 | Propan-2-ol | 400 | 999 | | TWA (8 h) | WEL |
| | | 500 | 1250 | | STEL (15 min) | WEL |
| 57-55-6 | Propane-1,2-diol, particulates | - | 10 | | TWA (8 h) | WEL |

8.2. Exposure controls

Individual protection measures, such as personal protective equipment

Eye/face protection

Tightly sealed safety glasses.

Hand protection

Before using check leak tightness / impermeability. The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

Respiratory protection

Respiratory protection necessary at: insufficient ventilation. Work in well-ventilated zones or use proper respiratory protection.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | | |
|---|----------------|-------------------|
| Physical state: | liquid: | |
| Colour: | transparent | |
| Odour: | characteristic | |
| Melting point/freezing point: | | No data available |
| Boiling point or initial boiling point and boiling range: | | not determined |
| Lower explosion limits: | | not determined |
| Upper explosion limits: | | not determined |
| Flash point: | | 24 °C |
| Auto-ignition temperature: | | not determined |
| pH-Value (at 20 °C): | | 5-6 |
| Water solubility: | | Immiscible |
| Vapour pressure: | | not determined |

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| | |
|-------------------|------------------------|
| Vapour pressure: | not determined |
| Density: | 0,89 g/cm ³ |
| Relative density: | not determined |

9.2. Other information

Information with regard to physical hazard classes

Explosive properties
not Explosive.

Sustaining combustion: No data available

Other safety characteristics

| | |
|--------------------|----------------|
| Sublimation point: | not determined |
| Flow time: | not determined |

SECTION 10: Stability and reactivity

10.1. Reactivity

No further relevant information available.

10.2. Chemical stability

No known hazardous decomposition products.

10.3. Possibility of hazardous reactions

No known hazardous reactions.

10.4. Conditions to avoid

No further relevant information available.

10.5. Incompatible materials

No further relevant information available.

10.6. Hazardous decomposition products

No known hazardous decomposition products.

Further information

No risks worthy of mention.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in GB CLP Regulation

Acute toxicity

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

ATEmix calculated

ATE (oral) > 2000 mg/kg; ATE (dermal) > 2000 mg/kg; ATE (inhalation vapour) > 20 mg/l; ATE (inhalation dust/mist) > 5 mg/l

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| CAS No | Chemical name | | | | |
|-----------|---|------------------------|---------|--------|--------|
| | Exposure route | Dose | Species | Source | Method |
| 67-63-0 | propan-2-ol; isopropyl alcohol; isopropanol | | | | |
| | oral | LD50 4570-5045 mg/kg | Rat. | | |
| | dermal | LD50 12800-13400 mg/kg | Rabbit | | |
| | inhalation vapour | LC50 30-46,5 mg/l | Rat. | | |
| 64-19-7 | acetic acid ... % | | | | |
| | oral | LD50 3310 mg/kg | Rat | GESTIS | |
| 5392-40-5 | citral | | | | |
| | oral | LD50 >5000 mg/kg | | | |
| | dermal | LD50 2250 mg/kg | | | |
| 75-07-0 | acetaldehyde; ethanal | | | | |
| | inhalation (4 h) vapour | LC50 24 mg/l | Rat | RTECS | |

Irritation and corrosivity

Serious eye damage/eye irritation: Causes serious eye irritation.

Skin corrosion/irritation: Based on available data, the classification criteria are not met.

Sensitising effects

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

Contains propan-2-ol; isopropyl alcohol; isopropanol, citral, dipentene, limonene. May produce an allergic reaction.

Carcinogenic/mutagenic/toxic effects for reproduction

Germ cell mutagenicity: Based on available data, the classification criteria are not met.

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

Reproductive toxicity: Based on available data, the classification criteria are not met.

STOT-single exposure

May cause drowsiness or dizziness. (propan-2-ol; isopropyl alcohol; isopropanol)

STOT-repeated exposure

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

Aspiration hazard

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

Additional information on tests

The evaluation was carried out according to the calculation method of the Preparations Directive.
irritant.

- Mutagen
none
- Carcinogenicity
none
- Teratogen
none
- Phototoxicity
none

SECTION 12: Ecological information

12.1. Toxicity

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No information available.

| CAS No | Chemical name | | | | | |
|---------|--------------------------|------|-----------|---------|---------------------|---------------|
| | Aquatic toxicity | Dose | [h] [d] | Species | Source | Method |
| 64-19-7 | acetic acid ... % | | | | | |
| | Acute crustacea toxicity | EC50 | 65 mg/l | 48 h | Daphnia magna | Janssen et al |
| 75-07-0 | acetaldehyde; ethanal | | | | | |
| | Acute fish toxicity | LC50 | 2,1 mg/l | 96 h | Lepomis macrochirus | ECOTOX |
| | Acute crustacea toxicity | EC50 | 4,7 mg/l | 48 h | Daphnia magna | ECOTOX |

12.2. Persistence and degradability

No information available.

12.3. Bioaccumulative potential

No information available.

Partition coefficient n-octanol/water

| CAS No | Chemical name | Log Pow |
|---------|-----------------------|---------|
| 64-19-7 | acetic acid ... % | -0,17 |
| 75-07-0 | acetaldehyde; ethanal | 0,5 |

12.4. Mobility in soil

No information available.

12.5. Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to UK REACH.
not applicable

12.6. Endocrine disrupting properties

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

12.7. Other adverse effects

Remark: Toxic to fish.

Further information

2 hazardous to water (WGK 2)
Do not allow to enter into surface water or drains.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal recommendations

Do not allow to enter into surface water or drains.

Contaminated packaging

Dispose of waste according to applicable legislation.
Cleaning agent. Water (with cleaning agent).

SECTION 14: Transport information

Land transport (ADR/RID)

| | |
|--|--|
| 14.1. UN number or ID number: | UN 1993 |
| 14.2. UN proper shipping name: | FLAMMABLE LIQUID, N.O.S. (ISOPROPANOL (ISOPROPYL ALKOHOL)) |
| 14.3. Transport hazard class(es): | 3 |
| 14.4. Packing group: | III |
| Hazard label: | 3 |
| Classification code: | F1 |

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Special Provisions: 274 601
 Limited quantity: 5 L
 Excepted quantity: E1
 Transport category: 3
 Hazard No: 30
 Tunnel restriction code: D/E

Other applicable information (land transport)

Special provisions: 274 601 640H
 Transport category: 3

Marine transport (IMDG)

14.1. UN number or ID number: UN 1993
14.2. UN proper shipping name: FLAMMABLE LIQUID, N.O.S.(ISOPROPANOL (ISOPROPYL ALCOHOL))
14.3. Transport hazard class(es): 3
14.4. Packing group: III
 Hazard label: 3
 Special Provisions: 223, 274, 955
 Limited quantity: 5 L
 Excepted quantity: E1
 EmS: F-E, S-E

Other applicable information (marine transport)

Special provisions: 223, 330, 274, 944, 955

Air transport (ICAO-TI/IATA-DGR)

14.1. UN number or ID number: UN 1993
14.2. UN proper shipping name: FLAMMABLE LIQUID, N.O.S.
14.3. Transport hazard class(es): 3
14.4. Packing group: III
 Hazard label: 3
 Special Provisions: A3
 Limited quantity Passenger: 10 L
 Passenger LQ: Y344
 Excepted quantity: E1
 IATA-packing instructions - Passenger: 355
 IATA-max. quantity - Passenger: 60 L
 IATA-packing instructions - Cargo: 366
 IATA-max. quantity - Cargo: 220 L

Other applicable information (air transport)

Special provisions: A3

14.6. Special precautions for user

Flammable liquids

14.7. Maritime transport in bulk according to IMO instruments

not applicable

SECTION 15: Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****EU regulatory information**

Restrictions on use (REACH, annex XVII):

Entry 3, Entry 28, Entry 40, Entry 75

Directive 2004/42/EC on VOC in
 paints and varnishes: 418,28 g/l

National regulatory information

Water hazard class (D): 2 - obviously hazardous to water

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Additional information

Customs tariff number 33029010

15.2. Chemical safety assessment

For this substance a chemical safety assessment has not been carried out.

SECTION 16: Other information**Abbreviations and acronyms**

Flam. Liq: Flammable liquids

Skin Corr: Skin corrosion

Skin Irrit: Skin irritation

Eye Irrit: Eye irritation

Skin Sens: Skin sensitisation

Muta: Germ cell mutagenicity

Carc: Carcinogenicity

STOT SE: Specific target organ toxicity - single exposure

Aquatic Acute: Acute aquatic hazard

Aquatic Chronic: Chronic aquatic hazard

Classification for mixtures and used evaluation method according to GB CLP Regulation

| Classification | Classification procedure |
|--------------------|--------------------------|
| Flam. Liq. 3; H226 | On basis of test data |
| Eye Irrit. 2; H319 | Calculation method |
| STOT SE 3; H336 | Calculation method |

Relevant H and EUH statements (number and full text)

| | |
|--------|--|
| H224 | Extremely flammable liquid and vapour. |
| H225 | Highly flammable liquid and vapour. |
| H226 | Flammable liquid and vapour. |
| H314 | Causes severe skin burns and eye damage. |
| H315 | Causes skin irritation. |
| H317 | May cause an allergic skin reaction. |
| H319 | Causes serious eye irritation. |
| H335 | May cause respiratory irritation. |
| H336 | May cause drowsiness or dizziness. |
| H341 | Suspected of causing genetic defects. |
| H350 | May cause cancer. |
| H400 | Very toxic to aquatic life. |
| H410 | Very toxic to aquatic life with long lasting effects. |
| H412 | Harmful to aquatic life with long lasting effects. |
| EUH208 | Contains propan-2-ol; isopropyl alcohol; isopropanol, citral, dipentene, limonene. May produce an allergic reaction. |

Further Information

The information is based on the present level of our knowledge. It does not, however, give assurance of product properties and establishes no contract legal rights. The receiver of our product is singularly responsible for adhering to existing laws and regulations.

(The data for the relevant ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)