

SAFETY DATA SHEET

According to 2015/830/EC

Rento Sauna Scent 10ml ARCTIC PINE

Printing date: 10.10.2017

Revision: 14.11.2018

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

1.1. Product identifier

Product name

Rento Sauna Scent 10ml ARCTIC PINE

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

Identified uses: Fragrance / parfum

Fragrance composition

1.3. Details of the supplier of the safety data sheet

Tammer-Tukku Oy

PL 107

33101 Tampere - Finland

Puh.: +358 3 2521 111

Faksi: +358 3 2521 350

tammertukku@tammertukku.fi

www.tammertukku.fi

1.4. Emergency telephone number

Poison Information Centre Helsinki, open 24 hours / day

+358 9 471 977 (direct); +358 9 4711 (switchboard)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

Flam. Liq. 3

H226 Flammable liquid and vapour.

Skin Irrit. 2

H315 Causes skin irritation.

Eye Irrit. 2

H319 Causes serious eye irritation.

Skin Sens. 1

H317 May cause an allergic skin reaction.

Asp. Tox. 1

H304 May be fatal if swallowed and enters airways

Aquatic Chronic 2

H411 Toxic to aquatic life with long lasting effects.

2.2. Label elements

Labeling according to Regulation (EC) No 1272/2008

Signal word: **DANGER**

Pictograms:



Hazard statements

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- H226** Flammable liquid and vapour.
H304 May be fatal if swallowed and enters airways
H315 Causes skin irritation.
H319 Causes serious eye irritation.
H317 May cause an allergic skin reaction.
H411 Toxic to aquatic life with long lasting effects.

Precautionary statements

- P102** Keep out of reach of children.
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P264 Wash hands and face thoroughly after handling
P273 Avoid release to the environment
P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor.
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.
P331 Do NOT induce vomiting
P405 Store locked up
P501 Dispose of contents/container to: in accordance with local regulation.

Additional information

Contain:

Eucalyptus globulus oil; Turpentine, oil; pin-2(3)-ene; Cedarwood oil, Atlas; delta-3-Carene; (R)-p-mentha-1,8-diene; Cistus oil; 2,6-Octadienal, 3,7-dimethyl-, acid-isomerized; pin-2(10)-ene; Pine, ext.; terpinolene 20

2.3. Other hazards

This mixture does not contain substances that meet the criteria for PBT or vPvB in accordance with Annex XIII.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Name of substance	Identifier	Classification 1272/2008	% weight	
Eucalyptus globulus oil	Index:--	Flam. Liq. 3	H226	60-70
	CAS: 8000-48-4	Skin Irrit. 2	H315	
	EC: 283-406-2	Skin Sens. 1	H317	
		Asp. Tox 1	H304	
		Aquatic Chronic 2	H411	
Turpentine, oil	Index: 650-002-00-6	Flam. Liq. 3	H226	15 – 20
	CAS: 8006-64-2	Acute Tox. 4	H332	
	EC: 232-350-7	Acute Tox. 4	H312	
		Acute Tox. 4	H302	
		Eye Irrit. 2	H319	
		Skin Irrit. 2	H315	
		Skin Sens. 1	H317	
		Asp. Tox. 1	H304	
		Aquatic Chronic 2	H411	
Camphene	CAS: 79-92-5	Flam. Sol. 2	H228	2,5 – 5
	EC: 201-291-9	Aquatic Acute 1	H400	
		Aquatic Chronic 1	H410	
pin-2(3)-ene	CAS: 80-56-8	Flam. Liq. 3	H226	2,5 – 5
	EC: 201-291-9	Skin Irrit. 2	H315	
		Skin Sens.1	H317	

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		Asp. Tox. 1	H304	
		Aquatic Acute 1	H400	
		Aquatic Chronic 1	H410	
Cedarwood oil, Atlas	CAS: 92201-55-3 EC: 295-985-9	Asp. Tox. 1 Aquatic Chronic 2	H304 H411	1- 2,5
3,7,7-rimethylbicyclo[4.1.0]hept-3-ene / delta-3-Carene	CAS: 13466-78-9 EC: 236-719-3	Flam. Liq. 3 Skin Irrit. 2 Skin Sens. 1 Asp. Tox. 1	H226 H315 H317 H304	0,1 – 1
(R)-p-mentha-1,8-diene / limonene	Index: 601-029-00-7 CAS: 5989-27-5 EC: 227-813-5	Flam. Liq. 3 Skin Irrit. 2 Skin Sens. 1B Aquatic Acute 1 Aquatic Chronic 1	H226 H315 H317 H400 H410	0,1 – 1
Cistus oil	CAS: 89997-74-0 EC: 289-711-7	Flam. Liq. 3 Eye Irrit. 2 Skin Sens. 1B Asp. Tox. 1 Aquatic Acute 1 Aquatic Chronic 1	H226 H319 H317 H304 H400 H410	0,1 – 1
2,6-Octadienal, 3,7-dimethyl-, acid- isomerized	CAS: 90480-35-6 EC: 291-768-8	Flam. Liq. 2 Skin Irrit. 2, Skin Sens. 1B Aquatic Chronic 3	H225 H315 H317 H412	0,1 – 1
pin-2(10)-ene beta-Pinene	CAS: 127-91-3 EC: 204-872-5	Flam. Liq. 3 Skin Irrit. 2 Skin Sens.1B Asp. Tox. 1 Aquatic Acute 1 Aquatic Chronic 1	H226 H315 H317 H304 H400 H410	0,1 – 1
Pine, ext.	CAS: 94266-48-5 EC: 304-455-9	Skin Irrit. 2 Eye Irrit. 2 Skin Sens. 1 Aquatic Chronic 2	H315 H317 H319 H411	0,1 – 1
Terpinolene 20	CAS: brak EC: brak	Flam. Liq. 3 Skin Irrit. 2 Skin Sens. 1B Asp. Tox. 1 Aquatic Acute 1 Aquatic Chronic 1	H226 H315 H317 H304 H400 H410	0,1 – 1

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation

Remove victim from exposure, provide fresh air. Place victim in a reclining position. If breathing is difficult, give oxygen, in the absence of breath use artificial respiration. Seek medical advice immediately. Seek medical advice.

Ingestion

If victim is conscious and alert, give 2-3 glasses of water to drink. Do not induce vomiting. Seek immediate medical advice.

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Eye contact

Immediately flush eyes with large amounts of water for at least 10 minutes while holding the eyelids open to ensure that the entire surface is flushed. Do not put any ointments, oils or medication.

Seek medical advice.

Skin contact

Immediately wash with water and soap and rinse thoroughly. Wash contaminated clothing before reuse.

If irritation persists, seek medical attention.

4.2. Most important symptoms and effects, both acute and delayed

No further relevant information available.

4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Water spray, sand, dry chemical or carbon dioxide.

Never use a direct water jet on burning material.

5.2. Special hazards arising from the substance or mixture

Combustible.

In case of fire, the following can be released harmful gases: carbon oxides (CO, CO₂).

Explosive mixture

Not applicable-non-explosive.

5.3. Advice for firefighters

Protective equipment: Wear self-contained respiratory protective device. Vapours of product form flammable/explosive mixtures with air.

Additional information

Dispose of fire debris and contaminated firefighting water in accordance with official regulations.

Do not inhale explosion gases or combustion gases.

Cool endangered receptacles with water spray.

Firefighter Personal Protective Equipment

Full protective equipment. Contained breathing apparatus.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Do not breathe vapor / aerosol. Ensure adequate ventilation.

For emergency responders

Wear protective equipment. Keep unprotected persons away.

Particular danger of slipping on leaked/spilled product.

Keep away from ignition sources.

Wear protective clothing.

6.2. Environmental precautions

Inform respective authorities in case of seepage into water course or sewage system.

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, sawdust).

Dispose contaminated material as waste according to item 13.

Ensure adequate ventilation.

Do not flush with water or aqueous cleansing agents

Contaminated surface rinse with water with detergent.

6.4. Reference to other sections

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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

Provide adequate ventilation when handling the product.
Avoid contact with skin and eyes.
Prevent formation of aerosols.
Use personal protective equipment.
Keep out of reach of children.

7.2. Conditions for safe storage, including any incompatibilities

Keep container tightly sealed.
Store receptacle in a well ventilated area.
Protect from humidity and water.
Protect from exposure to the light.
Store in a cool place.
Keep ignition sources away - Do not smoke.
Protect against electrostatic charges.

7.3. Specific end use(s)

No further relevant information available.

SECTION 8: Physical and chemical properties

8.1. Control parameters

Ingredients with limit values that require monitoring at the workplace (WELs)

Substance	CAS Number	Workplace exposure limit				Notation
		Long-term exposure Limit (8-hr TWA reference period)		Short-term exposure limit (15 minute reference period)		
		ppm	mg.m ⁻³	ppm	mg.m ⁻³	
--	--	--	--	--	--	--

DNEL

79-92-5 camphene

Dermal DNEL Chronic Systemic 0.21 mg/kg-bw/day (workers)

DNEL Acute Systemic 1.25 mg/kg bw/day (workers)

Inhalative DNEL Acute Systemic 110.19 mg/m³ (workers)

8.2. Exposure controls

Appropriate engineering controls

Handle in accordance with good industrial hygiene and safety practice.

equipment

General protective and hygienic measures

Do not eat, drink, smoke or sniff while working.
Keep away from foodstuffs, beverages and feed.
Immediately remove all soiled and contaminated clothing.
Wash hands before breaks and at the end of work.
Avoid contact with the eyes and skin.

Eye protection

Recommended protective glasses

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Skin protection

Recommended protective clothing

Hand protection



The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation. The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application. Penetration time of glove material The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

Body Protection

The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection

Not required. Depending on concentration and quantity of hazardous substances handled: self contained breathing apparatus or gas mask with universal canister.

Environmental exposure controls

Do not allow to enter large amounts of product into ground water, sewage, waste water or soil.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance:	Clear, Liquid
Colour:	Colorless to very pale yellow
Odour:	Herbal, Eucalyptus
Odour threshold:	Not applicable.
pH:	Not applicable.
Melting / Freezing Point:	No data available
Initial boiling point and boiling range:	No data available
Flash point:	44 °C
Evaporation rate:	No data available
Flammability (solid, gas):	No data available
Upper/lower flammability or explosive limits:	No data available
Vapour pressure:	No data available
Vapour density:	No data available
Relative density:	0,897 – 0,907 g/cm ³
Solubility(ies):	water: Not miscible or difficult to mix. alcohols: Fully miscible.
Partition coefficient: n-octanol/water:	Not applicable
Auto-ignition temperature:	No data
Decomposition temperature:	Not applicable
Viscosity:	No data
Explosive properties:	Vapour form explosives mixtures with air
Oxidising properties:	No oxidizing properties

9.2. Other safety information

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No data

SECTION 10: Stability and reactivity

10.1. Reactivity

No further relevant information available.

10.2. Chemical stability

Under normal storage and use of the substance is chemically stable.

10.3. Possibility of hazardous reactions

It presents no significant reactivity hazards, by itself or in contact with water. Avoid contact with strong acids, alkali or oxidizing agents.

10.4. Conditions to avoid

Direct heat sources.

10.5. Incompatible materials

No further relevant information available.

10.6. Hazardous decomposition products

Carbon Monoxide and Unidentified organic compounds may be formed during combustion.

SECTION 11: Toxicological information

11.1. Acute toxicity

Acute toxicity

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

125-12-2 ISOBORNYL ACETATE

Oral LD50 10000 mg/kg (rat)

Dermal LD50 20000 mg/kg (rabbit)

79-92-5 camphene

Oral LD50 5000 mg/kg (rat)

Dermal LD50 2500 mg/kg (rat)

5989-27-5 (R)-p-mentha-1,8-diene

Oral LD50 4400 mg/kg (rat)

Skin corrosion/irritation

Causes skin irritation.

Serious damage to the eyes / eye irritation

Causes serious eye irritation.

Respiratory or skin sensitisation

May cause an allergic skin reaction.

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

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

STOT-repeated exposure

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

Aspiration hazard

May be fatal if swallowed and enters airways.

Routes of exposure

Inhalation, ingestion, skin contact, eye contact.

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SECTION 12: Ecological information

12.1. Toxicity

Very toxic to aquatic life with long lasting effects.

12.2. Persistence and degradability

No further relevant information available

12.3. Bioaccumulative potential

No further relevant information available

12.4. Mobility in soil

No further relevant information available

12.5. Results of PBT and vPvB assessment

This mixture does not contain substances that meet the criteria for PBT or vPvB in accordance with Annex XIII.

12.6. Other adverse effects

No further relevant information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product:

Collect the product according to instructions and submit for disposal.

Waste of product:

communicate with the manufacturer of the product on the possibility of processing waste. If it's not possible, deliver it to utilization in plants permitted to waste collection, transport, waste recovery and disposal. Do not empty into drains. The product must be delivered to the appropriate landfill / area for waste storage or to the specialized waste incineration facility according to the local legislation.

SEKCJA 14: Transport information

14.1. UN number

14.2. UN proper shipping name

14.3. Transport hazard class(es)




Label no. 3:

14.4. Packing group

14.5. Environmental hazards

14.6. Special precautions for user

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

ADR/RID 1993	IMGD 1993	IATA 1993
FLAMMABLE LIQUID N.O.S. (Eucalyptus globulus oil, TURPENTINE), ENVIRONMENTALLY HAZARDOUS		
3, F1	3	3
		
III	III	III
	yes	
	Danger code (Kemler): 30	
	EMS Number: F-E,S-E	
	Not applicable	

SECTION 15: Regulatory information

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

- Regulation (EC) No 1272/2008 (CLP) of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 (REACH).

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- REGULATION (EC) No 1907/2006 OF THE COUNCIL of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.
- COMMISSION REGULATION (EU) No 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

15.2. Chemical safety assessment

A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

The importance of risk phrases in Section 3:

H225 Highly flammable liquid and vapour

H226 Flammable liquid and vapour

H228 Flammable solid.

H302 Harmful if swallowed

H304 May be fatal if swallowed and enters airways

H312 Harmful in contact with skin

H315 Causes skin irritation

H317 May cause an allergic skin reaction

H319 Causes serious eye irritation

H332 Harmful if inhaled

H400 Very toxic to aquatic life

H410 Very toxic to aquatic life with long lasting effects

H411 Toxic to aquatic life with long lasting effects

H412 Harmful to aquatic life with long lasting effects

Explanation of symbols and phrases referring hazardous substances contained in product:

Flam. Liq. 3 Flammable liquids, Hazard Category 3

Flam. Liq. 2 Flammable liquids, Hazard Category 2

Flam. Sol. 2 Flammable solids, Hazard Category 2

Acute Tox. 4 (oral) Acute toxicity (swallowing) Hazard Category 4

Acute Tox. 4 (derm) Acute toxicity (skin contact) Hazard Category 4

Acute Tox. 4 (inh) Acute toxicity (inhalation) Hazard Category 4

Skin Irrit. 2 Skin corrosion/irritation, Hazard Category 2

Eye Irrit. 2 Serious eye damage/eye irritation, Hazard Category 2

Skin Sens. 1B Skin Sensitizing, Hazard Category 1B

Asp. Tox. 1 Aspiration hazard, Hazard Category 1

Aquatic Acute 1 Hazardous to the aquatic environment ACUTE, Hazard Category 1

Aquatic Chronic 1 Hazardous to the aquatic environment CHRONIC, Hazard Category 1

Aquatic Chronic 2 Hazardous to the aquatic environment CHRONIC, Hazard Category 2

Abbreviations and acronyms:

ADR: Accord européen sur le transport des marchandises dangereuses par Route (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 Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

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vPvB: very Persistent and very Bioaccumulative

Note to readers

The information in this SDS is based on our current knowledge and the current legislation.

The product shall not, without first obtaining written Instructions for purposes other than those mentioned in Section 1 purpose be used. It is always the user's responsibility to ensure compliance with statutory Provisions to ensure.

The information in this Safety Data Sheet describing the safety requirements for our product.

Safety data sheet

Przedsiębiorstwo EKOS s.c.

80-266 Gdańsk, al. Grunwaldzka 205/209

tel: 58 305 37 46, ekos@ekos.gda.pl

www.ekos.gda.pl

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