

Date: 13.6.2024

Former date: -

**SECTION 1: IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING****1.1 Product identifier**

Trade name Saunia Sauna Scent 500 ml Honey&herbs  
Company product code -  
UFI Number 1XXV-04E8-EJ85-YQWV

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

The uses of the chemical Sauna scent  
Classification of economic activities 20.5 C 3 Manufacture of other chemical products  
Use categories (UC62) 36 Fragrances  
The chemical can be used by the general public ☐  
The chemical is used by the general public only X

**1.3 Details of the supplier of the safety data sheet****Manufacturer, importer, other undertaking**

Manufactured for: Nikkarien OY

Street address Sarkatie 2  
Post code and post office 01720 Vantaa  
Post-office box  
Post code and post office  
Telephone +358 9 477 0150  
e-mail address info@nikkarien.fi  
Finnish Business ID (Y-code) FI05731312

**1.4 Emergency telephone number**

Poison Information Centre: Haartmaninkatu 4, 00290 Helsinki, 09-4711 or 09-471977

**SECTION 2: HAZARDS IDENTIFICATION****2.1 Classification of the substance or mixture**

Product does not contain significant amounts of classified ingredients.

**2.2 Label elements**

-

**2.3 Other hazards**

-

**SECTION 3 : COMPOSITION / INFORMATION ON INGREDIENTS****3.1 Hazardous ingredients**

CAS/EC number and the registration number	Name of the ingredient	Concentration	Classification
-	-	-	-

**SECTION 4: FIRST AID MEASURES****4.1 Description of first aid measures**

In case of inhalation: take the patient to fresh air.  
Wash off from skin with plenty of water and soap. Take off soiled clothing.  
Rinse immediately from eyes with plenty of water and take the patient to the doctor's.  
In case of ingestion: Drink water, but remember NOT TO GIVE ANYTHING TO DRINK TO A UNCONSCIOUS PERSON. Contact a physician or poison information centre.

**Trade name:** Virhe. Viitteen lähdeä ei löytynyt. **Saunia Sauna scent 500 ml Honey&herbs**

**Date:** Virhe. Viitteen lähdeä ei löytynyt. **13.6.2024**  
**lähdeä ei löytynyt.**

**Former date:** Virhe. Viitteen

<b>4.2</b>	<b>Most important symptoms and effects, both acute and delayed</b>
-	
<b>4.3</b>	<b>Indication of any immediate medical attention and special treatment needed</b>
-	
<b>SECTION 5: FIREFIGHTING MEASURES</b>	
<b>5.1</b>	<b>Extinguishing media</b>
	Powder, foam or carbon dioxide.
<b>5.2</b>	<b>Special hazards arising from the substance or mixture</b>
-	
<b>5.3</b>	<b>Advice for firefighters</b>
-	
<b>SECTION 6: ACCIDENTAL RELEASE MEASURES</b>	
<b>6.1</b>	<b>Personal precautions, protective equipment and emergency procedures</b>
	Use appropriate protective clothing. Arrange for adequate ventilation.
<b>6.2</b>	<b>Environmental precautions</b>
-	
<b>6.3</b>	<b>Methods and material for containment and cleaning up</b>
	Absorb to adequate material (sand etc.) and dispose according to the local legislation.
<b>6.4</b>	<b>Reference to other sections</b>
-	
<b>SECTION 7: HANDLING AND STORAGE</b>	
<b>7.1</b>	<b>Precautions for safe handling</b>
	Use protective clothing, protective gloves and goggles. Arrange adequate ventilation.
<b>7.2</b>	<b>Conditions for safe storage, including any incompatibilities</b>
	Tightly closed in cool, well ventilated room.
<b>7.3</b>	<b>Specific end use(s)</b>
-	
<b>SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION</b>	
<b>8.1</b>	<b>Control parameters</b>
	National occupational exposure limit values
-	
	Other limit values
-	
	DNEL
-	
	PNEC
-	
<b>8.2</b>	<b>Exposure controls</b>
	<b>Appropriate engineering controls</b>
	Arrange adequate ventilation.
	<b>Eye / face protection</b>
	Wear appropriate protective goggles or mask if risk of splashes exist.
	<b>Skin protection</b>
	Protective clothing.
	<b>Hand protection</b>
	Material of protective gloves: PVA, nitrile or viton rubber.
	<b>Respiratory protection</b>
-	
	<b>Thermal hazards</b>
-	
	<b>Environmental exposure controls</b>
-	

**Trade name:** Virhe. Viitteen lähdettä ei löytynyt. **Saunia Sauna scent 500 ml Honey&herbs**

**Date:** Virhe. Viitteen lähdettä ei löytynyt. **13.6.2024**  
lähdettä ei löytynyt.

**Former date:** Virhe. Viitteen

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

Appearance	Liquid, orange
Odour	Characteristic
Odour threshold	-
pH	-
Melting point / freezing point	appr. 0°C
Initial boiling point and boiling range	100°C
Flash point	-
Evaporation rate	-
Flammability (solid, gas)	-
Upper / lower flammability or explosive limits	-
Vapour pressure	-
Vapour density	-
Relative density	-
Solubility(ies)	Dissolves in water, oil phase separates to surface.
Partition coefficient: n-octanol/water	-
Auto-ignition temperature	-
Decomposition temperature	-
Viscosity	-
Explosive properties	-
Oxidising properties	-

### 9.2 Other information

-

## SECTION 10: STABILITY AND REACTIVITY

### 10.1 Reactivity

-

### 10.2 Chemical stability

Stabile under normal handling conditions.

### 10.3 Possibility of hazardous reactions

-

### 10.4 Conditions to avoid

-

### 10.5 Incompatible materials

-

### 10.6 Hazardous decomposition products

-

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

Acute toxicity

**Trade name:** Virhe. Viitteen lähdettä ei löytynyt. **Saunia Sauna scent 500 ml Honey&herbs**

**Date:** Virhe. Viitteen lähdettä ei löytynyt. **13.6.2024**  
**lähdettä ei löytynyt.**

**Former date:** Virhe. Viitteen

- **Skin corrosion / irritation**
- **Serious eye damage / irritation**
- **Respiratory or skin sensitisation**
- **Germ cell mutagenicity**  
No mutagenic effects.
- Carcinogenicity**  
No carcinogenic effects.
- Reproductive toxicity**  
No effects.
- STOT-single exposure**
- **STOT-repeated exposure**
- **Aspiration hazard**
- **Other information**
- 

## **SECTION 12: ECOLOGICAL INFORMATION**

### **12.1 Toxicity**

-

### **12.2 Persistence and degradability**

-

### **12.3 Bioaccumulative potential**

-

### **12.4 Mobility in soil**

-

### **12.5 Results of PBT and vPvB assessment**

-

### **12.6 Other adverse effects**

-

## **SECTION 13: DISPOSAL CONSIDERATIONS**

### **13.1 Waste treatment methods**

Dispose according to local legislation.

## **SECTION 14: TRANSPORT INFORMATION**

### **14.1 UN number**

-

### **14.2 UN proper shipping name**

-

### **14.3 Transport hazard class(es)**

-

### **14.4 Packing group**

-

### **14.5 Environmental hazards**

-

### **14.6 Special precautions for user**

Product is to be used **only** diluted to water.

### **14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**

-

## **SECTION 15: REGULATORY INFORMATION**

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

**Trade name:** Virhe. Viitteen lähdettä ei löytynyt. **Saunia Sauna scent 500 ml Honey&herbs**

**Date:** Virhe. Viitteen lähdettä ei löytynyt. **13.6.2024**  
**lähdettä ei löytynyt.**

**Former date:** Virhe. Viitteen

-  
**15.2 Chemical safety assessment**  
-

**SECTION 16: OTHER INFORMATION**

**Changes to previous version**

New material safety data sheet.

**Explanation of abbreviations**

-

**Sources of information**

Material safety data sheets of raw materials, literature sources.

**Used method in classification**

Corollary rules. Literature.

**List of R- and S- phrases or / and hazard and safety phrases**

-

**Training of employees.**

-

# MATERIAL SAFETY DATA SHEET

page 1(8)

Saunia Paraffin Oil

Date: 15.9.2021

Previous date: 22.3.2012

## 1. Identification of the substance/mixture and of the company/undertaking

### 1.1 Product identifier

Trade name: Saunia Paraffin oil  
UFI-code: G141-Y03R-H00K-QWKK

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

Relevant identified uses: Wood preservation indoors  
Uses advised against: -

### 1.3. Details of the Supplier of the safety data sheet

Supplier (manufacturer/importer/only representative/downstream user/distributor) Nikkari Oy  
VAT: FI05731312  
Street address: Teollisuustie 6, halli 8,  
02880 Veikkola  
Finland  
Telephone number: +358 9 477 0150  
e-mail: [info@nikkari.fi](mailto:info@nikkari.fi)

### 1.4 Emergency telephone number

Poison information center 0800 147 111  
Open 24 h

## 2. Hazards identification

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

Does not contain significant concentrations of substances classified as harmful.

### 2.2: Labelling according to Regulation (EC) No 1272/2008 [CLP]

N/A

### 2.3 Other hazards:

N/A

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1 SUBSTANCES

CAS No	% (w/w)	Substance name	Classification according to Regulation (EC) No 1278/2008 (CLP)	SCL/M-factor/ATE
8042-47-5	100%	Paraffin oil	-	LD <sub>50</sub> : >5000 mg/kg (oral, rat) LD <sub>50</sub> : >5 mg/l /4h (inhaled, rat)

# MATERIAL SAFETY DATA SHEET

page 2(8)

Saunia Paraffin Oil

Date: 15.9.2021

Previous date: 22.3.2012

				LD <sub>50</sub> : >2000 mg/kg (skin, rabbit)
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## 4. First aid measures

### 4.1 Description of first aid measures

Following inhalation:	Move person to fresh air and hold in a resting position where it is easy to breathe.
Following skin contact:	IF CHEMICAL CONTACTS SKIN: Wash with plenty of water and soap. Remove and wash contaminated clothing before reuse.
Following eye contact:	IF CHEMICAL CONTACTS EYES: Rinse thoroughly with water for several minutes. Remove contact lenses if you can do so easily. Continue rinsing. If eye irritation persists: See a doctor.
Following ingestion:	IF CHEMICAL IS SWALLOWED: Rinse mouth, drink plenty of water. DO NOT DRINK ANYTHING TO AN UNCONSCIOUS. Don't throw up. Contact a POISON INFORMATION CENTER/doctor
Ensia Self-protection of the first aider:	-

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

-

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

-

## 5. Firefighting measures

### 5.1 Extinguishing media

Suitable extinguishing media:	Powder, foam or carbon dioxide.
Unsuitable extinguishing media:	-

### 5.2 Special hazards arising from the substance or mixture

Combustible.

### 5.3 Advice for firefighters

Powder, foam or carbon dioxide.

## 6. Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

#### 6.1.1 For non-emergency personnel

Protective equipment:	Wash hands thoroughly.
-----------------------	------------------------

Emergency procedures:	Ventilate.
-----------------------	------------

6.1.2 For emergency responders	-
--------------------------------	---

### 6.2 Environmental precautions

---

Prevent large quantities from entering the drain.

---

**6.3 Methods and material for containment and cleaning up**

Absorb the spilled product in, for example, sand.

---

**6.4 Reference to other sections**

-

**7. Handling and storage****7.1 Precautions for safe handling**

Measures to prevent fire	-
Measures to protect the environment	-
Advice on general occupational hygiene	Take care of good ventilation. No smoking.

---

**7.2 Conditions for safe storage, including any incompatibilities**

Technical measures and storage conditions	Store tightly closed at room temperature.
Packaging materials	Store only in the original packaging.
Requirements for storage rooms and vessels.	Store tightly closed at room temperature.
Further information on storage conditions	-

---

**7.3 Specific end use(s)**

Recommendations:	-
Industrial sector specific solutions:	-

---

**8. Exposure controls/personal protection****8.1 Control parameters****DNEL**

Substance	CAS	DNEL
Paraffin oil	8042-47-5	35 mg/m <sup>3</sup> inhaled
		93 mg/kg per body weight on skin
		40 mg/kg per body weight ingested

---

**PNEC**

Environmental protection target	Avoid releasing large quantities into waterways.
Sediments	-
Food chain	-
Micro-organisms in sewage treatment	-
Soil	Avoid releasing large amounts into the soil.
Air	-

---

**8.2 Exposure controls**

8.2.1 Appropriate engineering controls:	Take care of good ventilation. Wash hands thoroughly after handling.
---	--

---



**8.2.2 Personal protection equipment:****8.2.2.1 Eye and face protection**

Use safety glasses or face protection, for example according to standard EN166.

**8.2.2.2 Skin protection:****Hand protection:**

Recommended protective glove materials: NBR rubber. Replace protective gloves when signs of wear are observed.

Wear impervious protective clothing.

**Other skin protection****8.2.2.3 Respiratory protection**

If the ventilation is not sufficient, use a respirator (EN 143).

**8.2.2.4 Thermal hazards**

-

**8.2.3 Environmental exposure controls:**

Substance/mixture related measures to prevent exposure:

Avoid releasing large amounts into water / soil.

Instruction measures to prevent exposure:

Organisational measures to prevent exposure:

Technical measures to prevent exposure:

**9. Physical and chemical properties****9.1 Information on basic physical and chemical properties**

Physical state	Liquid
Colour	Colourless
Odour	Odourless
Melting /freezing point	N/A.
Boiling point or initial boiling point and boiling range	218-800 °C
Lower and upper explosion limit	N/A.
Flash point	> 170 °C
Auto-ignition temperature	N/A.
pH	N/A.
Kinematic viscosity mm <sup>2</sup> /s	62-75 mm <sup>2</sup> /s (40°C)
Solubility	Insoluble in water. Soluble in alcohols.
Vapour pressure	< 0,01 hPa (20°C)
Density and/or relative density	0,86-0,88 g/cm <sup>3</sup> (15°C)
Relative vapour density	N/A.

**9.2 Other information****9.2.1. Information with regard to physical hazard**

Temperature class  
(EU, ATEX): T3

**9.2.2. Other safety characteristics**

-

**10. Stability and Reactivity****10.1 Reactivity**

-

**10.2 Chemical stability**

Under normal conditions, when used and stored according to the instructions in its original packaging, the product is chemically stable.

**10.3 Possibility of hazardous reactions**

No known dangerous reactions.

**10.4 Possib Conditions to avoid**

Avoid hot conditions and hot surfaces, sparks and open flames. No smoking.

**10.5 Incompatible materials**

Oxidizers.

**10.6 Hazardous decomposition products**

No known hazardous decomposition products.

**11. Myrkyllisyyteen liittyvät tiedot****11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008**

Acute toxicity	Not classified
Skin corrosion/irritation	N/A
Serious eye damage/irritation;	N/A
Respiratory or skin sensitisation;	N/A
Germ cell mutagenicity	N/A
Carcinogenicity	N/A
Reproductive toxicity	N/A
STOT-repeated/single exposure	No mutagenic, carcinogenic or toxic effects.
Aspiration hazard.	No aspiration hazard.

**12. Ecological information****12.1 Toxicity**

LL<sub>50</sub>: >10 000 mg/l (96 h) Leuciscus Idus

LL<sub>50</sub>: >100 mg/l (48 h) Daphnia Magna

**12.2 Persistence and degradability**

Biodegradation: Not easily biodegradable.

**12.3 Bioaccumulative potential** N/A

**12.4 Liikkuvuus maaperässä** N/A

**12.5 Results of PBT and vPvB assessment**

N/A

**12.6 Endocrine disrupting properties**

-

**12.7 Other adverse effects**

-

**12.8 Additional information**

-

**13. Disposal considerations****13.1 Jätteiden käsittelymenetelmät**

13.1.1 Product / Packaging disposal:	The packaging is disposed of as plastic waste (HDPE).
13.1.2 Waste treatment-relevant information:	-
13.1.3 Sewage disposal-relevant information:	-
13.1.4 Other disposal recommendations:	-

**14. Transport Information**

14.1. UN number or ID number	Not classified as hazardous transport	-
14.2. UN proper shipping name		-
14.3. Transport hazard class(es)		-
14.4. Packing group		-
14.5. Environmental hazard		-
14.6. Special precautions for user		-
14.7. Maritime transport in bulk according to IMO instruments		-

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

None

**15.2 Chemical Safety Assessment**

-

**16. Other information**

Indication of changes:	The safety data sheet has been updated in accordance with the guidelines issued in January 2021.
Abbreviations and acronyms:	-
Key literature references and sources for data:	MSDS's of raw materials, International Chemical Safety Cards (ICSC) -database
Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:	Calculation method, literature.



Date: 28.7.2014

Former date:

**SECTION 1: IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING****1.1 Product identifier**

Trade name Saunia Sauna Scent Birch  
 Company product code -  
 REACH registration number -

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

The uses of the chemical Sauna scent  
 Classification of economic activities 20.5 C 3 Manufacture of other chemical products  
 Use categories (UC62) 36 Fragrances  
 The chemical can be used by the general public ☐  
 The chemical is used by the general public only X

**1.3 Details of the supplier of the safety data sheet****Manufacturer, importer, other undertaking**

Manufactured for: Nikkari Oy

Street address Sarkatie 2  
 Post code and post office 01720 Vantaa  
 Post-office box  
 Post code and post office  
 Telephone +358 9 477 0150  
 e-mail address info@nikkari.fi  
 Finnish Business ID (Y-code) FI05731312

**1.4 Emergency telephone number**

Poison Information Centre: Haartmaninkatu 4, 00290 Helsinki, 09-4711 or 09-471977

**SECTION 2: HAZARDS IDENTIFICATION****2.1 Classification of the substance or mixture**

Product does not contain significant amounts of classified ingredients.

**2.2 Label elements**

-

**2.3 Other hazards**

-

**SECTION 3 : COMPOSITION / INFORMATION ON INGREDIENTS****3.1 Hazardous ingredients**

CAS/EC number and the registration number	Name of the ingredient	Concentration	Classification
-	-	-	-

**SECTION 4: FIRST AID MEASURES****4.1 Description of first aid measures**

In case of inhalation: take the patient to fresh air.  
 Wash off from skin with plenty of water and soap. Take off soiled clothing.  
 Rinse immediately from eyes with plenty of water and take the patient to the doctor's.

**Trade name:** Virhe. Viitteen lähdeä ei löytynyt. **Saunia Sauna scent 500 ml Birch**

**Date:** Virhe. Viitteen lähdeä ei löytynyt. **28.7.2014**

**Former date:**

In case of ingestion: Drink water, but remember NOT TO GIVE ANYTHING TO DRINK TO A UNCONSCIOUS PERSON. Contact a physician or poison information centre.

<b>4.2</b>	<b>Most important symptoms and effects, both acute and delayed</b>
-	
<b>4.3</b>	<b>Indication of any immediate medical attention and special treatment needed</b>
-	
<b>SECTION 5: FIREFIGHTING MEASURES</b>	
<b>5.1</b>	<b>Extinguishing media</b>
	Powder, foam or carbon dioxide.
<b>5.2</b>	<b>Special hazards arising from the substance or mixture</b>
-	
<b>5.3</b>	<b>Advice for firefighters</b>
-	
<b>SECTION 6: ACCIDENTAL RELEASE MEASURES</b>	
<b>6.1</b>	<b>Personal precautions, protective equipment and emergency procedures</b>
	Use appropriate protective clothing. Arrange for adequate ventilation.
<b>6.2</b>	<b>Environmental precautions</b>
-	
<b>6.3</b>	<b>Methods and material for containment and cleaning up</b>
	Absorb to adequate material (sand etc.) and dispose according to the local legislation.
<b>6.4</b>	<b>Reference to other sections</b>
-	
<b>SECTION 7: HANDLING AND STORAGE</b>	
<b>7.1</b>	<b>Precautions for safe handling</b>
	Use protective clothing, protective gloves and goggles. Arrange adequate ventilation.
<b>7.2</b>	<b>Conditions for safe storage, including any incompatibilities</b>
	Tightly closed in cool, well ventilated room.
<b>7.3</b>	<b>Specific end use(s)</b>
-	
<b>SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION</b>	
<b>8.1</b>	<b>Control parameters</b>
	National occupational exposure limit values
-	
	Other limit values
-	
	DNEL
-	
	PNEC
-	
<b>8.2</b>	<b>Exposure controls</b>
	<b>Appropriate engineering controls</b>
	Arrange adequate ventilation.
	<b>Eye / face protection</b>
	Wear appropriate protective goggles or mask if risk of splashes exist.
	<b>Skin protection</b>
	Protective clothing.
	<b>Hand protection</b>
	Material of protective gloves: PVA, nitrile or viton rubber.
	<b>Respiratory protection</b>
-	
	<b>Thermal hazards</b>
-	
	<b>Environmental exposure controls</b>
-	

**Trade name:** Virhe. Viitteen lähdettä ei löytynyt. **Saunia Sauna scent 500 ml Birch**

**Date:** Virhe. Viitteen lähdettä ei löytynyt. **28.7.2014**

**Former date:**

## **SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

### **9.1 Information on basic physical and chemical properties**

<b>Appearance</b>	Liquid
<b>Odour</b>	Characteristic
<b>Odour threshold</b>	-
<b>pH</b>	-
<b>Melting point / freezing point</b>	-
<b>Initial boiling point and boiling range</b>	100°C
<b>Flash point</b>	-
<b>Evaporation rate</b>	-
<b>Flammability (solid, gas)</b>	-
<b>Upper / lower flammability or explosive limits</b>	-
<b>Vapour pressure</b>	-
<b>Vapour density</b>	-
<b>Relative density</b>	-
<b>Solubility(ies)</b>	Dissolves in water, oil phase separates to surface.
<b>Partition coefficient: n-octanol/water</b>	-
<b>Auto-ignition temperature</b>	-
<b>Decomposition temperature</b>	-
<b>Viscosity</b>	-
<b>Explosive properties</b>	-
<b>Oxidising properties</b>	-

### **9.2 Other information**

-

## **SECTION 10: STABILITY AND REACTIVITY**

### **10.1 Reactivity**

-

### **10.2 Chemical stability**

Stable under normal handling conditions.

### **10.3 Possibility of hazardous reactions**

-

### **10.4 Conditions to avoid**

-

### **10.5 Incompatible materials**

-

### **10.6 Hazardous decomposition products**

-

## **SECTION 11: TOXICOLOGICAL INFORMATION**

### **11.1 Information on toxicological effects**

**Acute toxicity**

-

**Trade name:** Virhe. Viitteen lähdettä ei löytynyt. **Saunia Sauna scent 500 ml Birch**

**Date:** Virhe. Viitteen lähdettä ei löytynyt. **28.7.2014**

**Former date:**

**Skin corrosion / irritation**

-

**Serious eye damage / irritation**

-

**Respiratory or skin sensitisation**

-

**Germ cell mutagenicity**

No mutagenic effects.

**Carcinogenicity**

No carcinogenic effects.

**Reproductive toxicity**

No effects.

**STOT-single exposure**

-

**STOT-repeated exposure**

-

**Aspiration hazard**

-

**Other information**

-

**SECTION 12: ECOLOGICAL INFORMATION**

**12.1 Toxicity**

-

**12.2 Persistence and degradability**

-

**12.3 Bioaccumulative potential**

-

**12.4 Mobility in soil**

-

**12.5 Results of PBT and vPvB assessment**

-

**12.6 Other adverse effects**

-

**SECTION 13: DISPOSAL CONSIDERATIONS**

**13.1 Waste treatment methods**

Dispose according to local legislation.

**SECTION 14: TRANSPORT INFORMATION**

**14.1 UN number**

-

**14.2 UN proper shipping name**

-

**14.3 Transport hazard class(es)**

-

**14.4 Packing group**

-

**14.5 Environmental hazards**

-

**14.6 Special precautions for user**

Product is to be used **only** diluted to water.

**14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**

-

**SECTION 15: REGULATORY INFORMATION**

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

-

**15.2 Chemical safety assessment**



**Trade name:** Virhe. Viitteen lähdettä ei löytynyt. **Saunia Sauna scent 500 ml Birch**

**Date:** Virhe. Viitteen lähdettä ei löytynyt. **28.7.2014**

**Former date:**

-

#### **SECTION 16: OTHER INFORMATION**

##### **Changes to previous version**

New material safety data sheet.

##### **Explanation of abbreviations**

-

##### **Sources of information**

Material safety data sheets of raw materials, literature sources.

##### **Used method in classification**

Corollary rules. Literature.

##### **List of R- and S- phrases or / and hazard and safety phrases**

-

##### **Training of employees.**

-

Date: 28.7.2014

Former date:

**SECTION 1: IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING****1.1 Product identifier**

Trade name Saunia Sauna Scent 500 ml Eucalyptus  
 Company product code -  
 REACH registration number -

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

The uses of the chemical Sauna scent  
 Classification of economic activities 20.5 C 3 Manufacture of other chemical products  
 Use categories (UC62) 36 Fragrances  
 The chemical can be used by the general public ☐  
 The chemical is used by the general public only X

**1.3 Details of the supplier of the safety data sheet****Manufacturer, importer, other undertaking**

Manufactured for: Nikkarien OY

Street address Sarkatie 2  
 Post code and post office 01720 Vantaa  
 Post-office box  
 Post code and post office  
 Telephone +358 9 477 0150  
 e-mail address info@nikkarien.fi  
 Finnish Business ID (Y-code) FI05731312

**1.4 Emergency telephone number**

Poison Information Centre: Haartmaninkatu 4, 00290 Helsinki, 09-4711 or 09-471977

**SECTION 2: HAZARDS IDENTIFICATION****2.1 Classification of the substance or mixture**

Product does not contain significant amounts of classified ingredients.

**2.2 Label elements**

-

**2.3 Other hazards**

-

**SECTION 3 : COMPOSITION / INFORMATION ON INGREDIENTS****3.1 Hazardous ingredients**

CAS/EC number and the registration number	Name of the ingredient	Concentration	Classification
-	-	-	-

**SECTION 4: FIRST AID MEASURES****4.1 Description of first aid measures**

In case of inhalation: take the patient to fresh air.  
 Wash off from skin with plenty of water and soap. Take off soiled clothing.  
 Rinse immediately from eyes with plenty of water and take the patient to the doctor's.  
 In case of ingestion: Drink water, but remember NOT TO GIVE ANYTHING TO DRINK TO A UNCONSCIOUS PERSON. Contact a physician or poison information centre.

**Trade name:** Virhe. Viitteen lähdeä ei löytynyt. **Saunia Sauna scent 500 ml Eucalyptus**

**Date:** Virhe. Viitteen lähdeä ei löytynyt. **28.7.2014**

**Former date:**

<b>4.2</b>	<b>Most important symptoms and effects, both acute and delayed</b>
------------	--

-

<b>4.3</b>	<b>Indication of any immediate medical attention and special treatment needed</b>
------------	---

-

<b>SECTION 5: FIREFIGHTING MEASURES</b>	
---	--

<b>5.1</b>	<b>Extinguishing media</b>
------------	----------------------------

Powder, foam or carbon dioxide.

<b>5.2</b>	<b>Special hazards arising from the substance or mixture</b>
------------	--

-

<b>5.3</b>	<b>Advice for firefighters</b>
------------	--------------------------------

-

<b>SECTION 6: ACCIDENTAL RELEASE MEASURES</b>	
---	--

<b>6.1</b>	<b>Personal precautions, protective equipment and emergency procedures</b>
------------	--

Use appropriate protective clothing. Arrange for adequate ventilation.

<b>6.2</b>	<b>Environmental precautions</b>
------------	----------------------------------

-

<b>6.3</b>	<b>Methods and material for containment and cleaning up</b>
------------	---

Absorb to adequate material (sand etc.) and dispose according to the local legislation.

<b>6.4</b>	<b>Reference to other sections</b>
------------	------------------------------------

-

<b>SECTION 7: HANDLING AND STORAGE</b>	
--	--

<b>7.1</b>	<b>Precautions for safe handling</b>
------------	--------------------------------------

Use protective clothing, protective gloves and goggles. Arrange adequate ventilation.

<b>7.2</b>	<b>Conditions for safe storage, including any incompatibilities</b>
------------	---

Tightly closed in cool, well ventilated room.

<b>7.3</b>	<b>Specific end use(s)</b>
------------	----------------------------

-

<b>SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION</b>	
---	--

<b>8.1</b>	<b>Control parameters</b>
------------	---------------------------

National occupational exposure limit values

-

Other limit values

-

DNEL

-

PNEC

-

<b>8.2</b>	<b>Exposure controls</b>
------------	--------------------------

**Appropriate engineering controls**

Arrange adequate ventilation.

**Eye / face protection**

Wear appropriate protective goggles or mask if risk of splashes exist.

**Skin protection**

Protective clothing.

**Hand protection**

Material of protective gloves: PVA, nitrile or viton rubber.

**Respiratory protection**

-

**Thermal hazards**

-

**Environmental exposure controls**

-

<b>SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES</b>	
--	--

<b>9.1</b>	<b>Information on basic physical and chemical properties</b>
------------	--

**Trade name:** Virhe. Viitteen lähdeä ei löytynyt. **Saunia Sauna scent 500 ml Eucalyptus**

**Date:** Virhe. Viitteen lähdeä ei löytynyt. **28.7.2014**

**Former date:**

<b>Appearance</b>	Liquid
<b>Odour</b>	Characteristic
<b>Odour threshold</b>	-
<b>pH</b>	-
<b>Melting point / freezing point</b>	-
<b>Initial boiling point and boiling range</b>	100°C
<b>Flash point</b>	-
<b>Evaporation rate</b>	-
<b>Flammability (solid, gas)</b>	-
<b>Upper / lower flammability or explosive limits</b>	-
<b>Vapour pressure</b>	-
<b>Vapour density</b>	-
<b>Relative density</b>	-
<b>Solubility(ies)</b>	Dissolves in water, oil phase separates to surface.
<b>Partition coefficient: n-octanol/water</b>	-
<b>Auto-ignition temperature</b>	-
<b>Decomposition temperature</b>	-
<b>Viscosity</b>	-
<b>Explosive properties</b>	-
<b>Oxidising properties</b>	-

## **9.2 Other information**

-

## **SECTION 10: STABILITY AND REACTIVITY**

### **10.1 Reactivity**

-

### **10.2 Chemical stability**

Stable under normal handling conditions.

### **10.3 Possibility of hazardous reactions**

-

### **10.4 Conditions to avoid**

-

### **10.5 Incompatible materials**

-

### **10.6 Hazardous decomposition products**

-

## **SECTION 11: TOXICOLOGICAL INFORMATION**

### **11.1 Information on toxicological effects**

#### **Acute toxicity**

-

#### **Skin corrosion / irritation**

-

#### **Serious eye damage / irritation**

**Trade name:** Virhe. Viitteen lähdettä ei löytynyt. **Saunia Sauna scent 500 ml Eucalyptus**

**Date:** Virhe. Viitteen lähdettä ei löytynyt. **28.7.2014**

**Former date:**

-  
**Respiratory or skin sensitisation**

-  
**Germ cell mutagenicity**  
No mutagenic effects.

**Carcinogenicity**  
No carcinogenic effects.

**Reproductive toxicity**  
No effects.

**STOT-single exposure**

-  
**STOT-repeated exposure**

-  
**Aspiration hazard**

-  
**Other information**

## **SECTION 12: ECOLOGICAL INFORMATION**

### **12.1 Toxicity**

-

### **12.2 Persistence and degradability**

-

### **12.3 Bioaccumulative potential**

-

### **12.4 Mobility in soil**

-

### **12.5 Results of PBT and vPvB assessment**

-

### **12.6 Other adverse effects**

-

## **SECTION 13: DISPOSAL CONSIDERATIONS**

### **13.1 Waste treatment methods**

Dispose according to local legislation.

## **SECTION 14: TRANSPORT INFORMATION**

### **14.1 UN number**

-

### **14.2 UN proper shipping name**

-

### **14.3 Transport hazard class(es)**

-

### **14.4 Packing group**

-

### **14.5 Environmental hazards**

-

### **14.6 Special precautions for user**

Product is to be used **only** diluted to water.

### **14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**

-

## **SECTION 15: REGULATORY INFORMATION**

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

-

### **15.2 Chemical safety assessment**

-

**Trade name:** Virhe. Viitteen lähdettä ei löytynyt. **Saunia Sauna scent 500 ml Eucalyptus**

**Date:** Virhe. Viitteen lähdettä ei löytynyt. **28.7.2014**

**Former date:**

---

## **SECTION 16: OTHER INFORMATION**

### **Changes to previous version**

New material safety data sheet.

### **Explanation of abbreviations**

-

### **Sources of information**

Material safety data sheets of raw materials, literature sources.

### **Used method in classification**

Corollary rules. Literature.

### **List of R- and S- phrases or / and hazard and safety phrases**

-

### **Training of employees.**

-

Date: 13.6.2024

Former date: -

**SECTION 1: IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING****1.1 Product identifier**

Trade name Saunia Sauna Scent 500 ml Honey&herbs  
Company product code -  
UFI Number 1XXV-04E8-EJ85-YQWV

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

The uses of the chemical Sauna scent  
Classification of economic activities 20.5 C 3 Manufacture of other chemical products  
Use categories (UC62) 36 Fragrances  
The chemical can be used by the general public ☐  
The chemical is used by the general public only X

**1.3 Details of the supplier of the safety data sheet****Manufacturer, importer, other undertaking**

Manufactured for: Nikkarien OY

Street address Sarkatie 2  
Post code and post office 01720 Vantaa  
Post-office box  
Post code and post office  
Telephone +358 9 477 0150  
e-mail address info@nikkarien.fi  
Finnish Business ID (Y-code) FI05731312

**1.4 Emergency telephone number**

Poison Information Centre: Haartmaninkatu 4, 00290 Helsinki, 09-4711 or 09-471977

**SECTION 2: HAZARDS IDENTIFICATION****2.1 Classification of the substance or mixture**

Product does not contain significant amounts of classified ingredients.

**2.2 Label elements**

-

**2.3 Other hazards**

-

**SECTION 3 : COMPOSITION / INFORMATION ON INGREDIENTS****3.1 Hazardous ingredients**

CAS/EC number and the registration number	Name of the ingredient	Concentration	Classification
-	-	-	-

**SECTION 4: FIRST AID MEASURES****4.1 Description of first aid measures**

In case of inhalation: take the patient to fresh air.  
Wash off from skin with plenty of water and soap. Take off soiled clothing.  
Rinse immediately from eyes with plenty of water and take the patient to the doctor's.  
In case of ingestion: Drink water, but remember NOT TO GIVE ANYTHING TO DRINK TO A UNCONSCIOUS PERSON. Contact a physician or poison information centre.

**Trade name:** Virhe. Viitteen lähdettä ei löytynyt. **Saunia Sauna scent 500 ml Eucalyptus**

**Date:** Virhe. Viitteen lähdettä ei löytynyt. **13.6.2024**  
lähdettä ei löytynyt.

**Former date:** Virhe. Viitteen

<b>4.2</b>	<b>Most important symptoms and effects, both acute and delayed</b>
-	
<b>4.3</b>	<b>Indication of any immediate medical attention and special treatment needed</b>
-	
<b>SECTION 5: FIREFIGHTING MEASURES</b>	
<b>5.1</b>	<b>Extinguishing media</b>
	Powder, foam or carbon dioxide.
<b>5.2</b>	<b>Special hazards arising from the substance or mixture</b>
-	
<b>5.3</b>	<b>Advice for firefighters</b>
-	
<b>SECTION 6: ACCIDENTAL RELEASE MEASURES</b>	
<b>6.1</b>	<b>Personal precautions, protective equipment and emergency procedures</b>
	Use appropriate protective clothing. Arrange for adequate ventilation.
<b>6.2</b>	<b>Environmental precautions</b>
-	
<b>6.3</b>	<b>Methods and material for containment and cleaning up</b>
	Absorb to adequate material (sand etc.) and dispose according to the local legislation.
<b>6.4</b>	<b>Reference to other sections</b>
-	
<b>SECTION 7: HANDLING AND STORAGE</b>	
<b>7.1</b>	<b>Precautions for safe handling</b>
	Use protective clothing, protective gloves and goggles. Arrange adequate ventilation.
<b>7.2</b>	<b>Conditions for safe storage, including any incompatibilities</b>
	Tightly closed in cool, well ventilated room.
<b>7.3</b>	<b>Specific end use(s)</b>
-	
<b>SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION</b>	
<b>8.1</b>	<b>Control parameters</b>
	National occupational exposure limit values
-	
	Other limit values
-	
	DNEL
-	
	PNEC
-	
<b>8.2</b>	<b>Exposure controls</b>
	<b>Appropriate engineering controls</b>
	Arrange adequate ventilation.
	<b>Eye / face protection</b>
	Wear appropriate protective goggles or mask if risk of splashes exist.
	<b>Skin protection</b>
	Protective clothing.
	<b>Hand protection</b>
	Material of protective gloves: PVA, nitrile or viton rubber.
	<b>Respiratory protection</b>
-	
	<b>Thermal hazards</b>
-	
	<b>Environmental exposure controls</b>
-	



**Trade name:** Virhe. Viitteen lähdettä ei löytynyt. **Saunia Sauna scent 500 ml Eucalyptus**

**Date:** Virhe. Viitteen lähdettä ei löytynyt. **13.6.2024**  
lähdettä ei löytynyt.

**Former date:** Virhe. Viitteen

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

Appearance	Liquid, orange
Odour	Characteristic
Odour threshold	-
pH	-
Melting point / freezing point	appr. 0°C
Initial boiling point and boiling range	100°C
Flash point	-
Evaporation rate	-
Flammability (solid, gas)	-
Upper / lower flammability or explosive limits	-
Vapour pressure	-
Vapour density	-
Relative density	-
Solubility(ies)	Dissolves in water, oil phase separates to surface.
Partition coefficient: n-octanol/water	-
Auto-ignition temperature	-
Decomposition temperature	-
Viscosity	-
Explosive properties	-
Oxidising properties	-

### 9.2 Other information

-

## SECTION 10: STABILITY AND REACTIVITY

### 10.1 Reactivity

-

### 10.2 Chemical stability

Stabile under normal handling conditions.

### 10.3 Possibility of hazardous reactions

-

### 10.4 Conditions to avoid

-

### 10.5 Incompatible materials

-

### 10.6 Hazardous decomposition products

-

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

Acute toxicity

**Trade name:** Virhe. Viitteen lähdettä ei löytynyt. **Saunia Sauna scent 500 ml Eucalyptus**

**Date:** Virhe. Viitteen lähdettä ei löytynyt. **13.6.2024**  
**lähdettä ei löytynyt.**

**Former date:** Virhe. Viitteen

- **Skin corrosion / irritation**
- **Serious eye damage / irritation**
- **Respiratory or skin sensitisation**
- **Germ cell mutagenicity**  
No mutagenic effects.
- Carcinogenicity**  
No carcinogenic effects.
- Reproductive toxicity**  
No effects.
- STOT-single exposure**
- **STOT-repeated exposure**
- **Aspiration hazard**
- **Other information**
- 

SECTION 12: ECOLOGICAL INFORMATION	
12.1	Toxicity
-	
12.2	Persistence and degradability
-	
12.3	Bioaccumulative potential
-	
12.4	Mobility in soil
-	
12.5	Results of PBT and vPvB assessment
-	
12.6	Other adverse effects
-	
SECTION 13: DISPOSAL CONSIDERATIONS	
13.1	Waste treatment methods
	Dispose according to local legislation.
SECTION 14: TRANSPORT INFORMATION	
14.1	UN number
-	
14.2	UN proper shipping name
-	
14.3	Transport hazard class(es)
-	
14.4	Packing group
-	
14.5	Environmental hazards
-	
14.6	Special precautions for user
	Product is to be used <b>only</b> diluted to water.
14.7	Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code
-	
SECTION 15: REGULATORY INFORMATION	
15.1	Safety, health and environmental regulations/legislation specific for the substance or mixture

**Trade name:** Virhe. Viitteen lähdettä ei löytynyt. **Saunia Sauna scent 500 ml Eucalyptus**

**Date:** Virhe. Viitteen lähdettä ei löytynyt. **13.6.2024**  
**lähdettä ei löytynyt.**

**Former date:** Virhe. Viitteen

-  
**15.2 Chemical safety assessment**  
-

**SECTION 16: OTHER INFORMATION**

**Changes to previous version**

New material safety data sheet.

**Explanation of abbreviations**

-

**Sources of information**

Material safety data sheets of raw materials, literature sources.

**Used method in classification**

Corollary rules. Literature.

**List of R- and S- phrases or / and hazard and safety phrases**

-

**Training of employees.**

-

Date: 28.7.2014

Former date:

**SECTION 1: IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING****1.1 Product identifier**

Trade name Saunia Sauna Scent 500 ml Tar  
Company product code -  
REACH registration number -

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

The uses of the chemical Sauna scent  
Classification of economic activities 20.5 C 3 Manufacture of other chemical products  
Use categories (UC62) 36 Fragrances  
The chemical can be used by the general public ☐  
The chemical is used by the general public only X

**1.3 Details of the supplier of the safety data sheet****Manufacturer, importer, other undertaking**

Manufactured for: Nikkarien OY

Street address Sarkatie 2  
Post code and post office 01720 Vantaa  
Post-office box  
Post code and post office  
Telephone +358 9 477 0150  
e-mail address info@nikkarien.fi  
Finnish Business ID (Y-code) FI05731312

**1.4 Emergency telephone number**

Poison Information Centre: Haartmaninkatu 4, 00290 Helsinki, +358 9-4711 or +358 9-471977

**SECTION 2: HAZARDS IDENTIFICATION****2.1 Classification of the substance or mixture**

Product does not contain significant amounts of classified ingredients.

**2.2 Label elements**

-

**2.3 Other hazards**

-

**SECTION 3 : COMPOSITION / INFORMATION ON INGREDIENTS****3.1 Hazardous ingredients**

CAS/EC number and the registration number	Name of the ingredient	Concentration	Classification
-	-	-	-

**SECTION 4: FIRST AID MEASURES****4.1 Description of first aid measures**

In case of inhalation: take the patient to fresh air.  
Wash off from skin with plenty of water and soap. Take off soiled clothing.  
Rinse immediately from eyes with plenty of water and take the patient to the doctor's.  
In case of ingestion: Drink water, but remember NOT TO GIVE ANYTHING TO DRINK TO A UNCONSCIOUS PERSON. Contact a physician or poison information centre.

**Trade name:** Virhe. Viitteen lähdeä ei löytynyt. **Saunia Sauna scent 500 ml Tar**

**Date:** Virhe. Viitteen lähdeä ei löytynyt. **28.7.2014**

**Former date:**

<b>4.2</b>	<b>Most important symptoms and effects, both acute and delayed</b>
-	
<b>4.3</b>	<b>Indication of any immediate medical attention and special treatment needed</b>
-	
<b>SECTION 5: FIREFIGHTING MEASURES</b>	
<b>5.1</b>	<b>Extinguishing media</b>
	Powder, foam or carbon dioxide.
<b>5.2</b>	<b>Special hazards arising from the substance or mixture</b>
-	
<b>5.3</b>	<b>Advice for firefighters</b>
-	
<b>SECTION 6: ACCIDENTAL RELEASE MEASURES</b>	
<b>6.1</b>	<b>Personal precautions, protective equipment and emergency procedures</b>
	Use appropriate protective clothing. Arrange for adequate ventilation.
<b>6.2</b>	<b>Environmental precautions</b>
-	
<b>6.3</b>	<b>Methods and material for containment and cleaning up</b>
	Absorb to adequate material (sand etc.) and dispose according to the local legislation.
<b>6.4</b>	<b>Reference to other sections</b>
-	
<b>SECTION 7: HANDLING AND STORAGE</b>	
<b>7.1</b>	<b>Precautions for safe handling</b>
	Use protective clothing, protective gloves and goggles. Arrange adequate ventilation.
<b>7.2</b>	<b>Conditions for safe storage, including any incompatibilities</b>
	Tightly closed in cool, well ventilated room.
<b>7.3</b>	<b>Specific end use(s)</b>
-	
<b>SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION</b>	
<b>8.1</b>	<b>Control parameters</b>
	National occupational exposure limit values
-	
	Other limit values
-	
	DNEL
-	
	PNEC
-	
<b>8.2</b>	<b>Exposure controls</b>
	<b>Appropriate engineering controls</b>
	Arrange adequate ventilation.
	<b>Eye / face protection</b>
	Wear appropriate protective goggles or mask if risk of splashes exist.
	<b>Skin protection</b>
	Protective clothing.
	<b>Hand protection</b>
	Material of protective gloves: PVA, nitrile or viton rubber.
	<b>Respiratory protection</b>
-	
	<b>Thermal hazards</b>
-	
	<b>Environmental exposure controls</b>
-	
<b>SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES</b>	
<b>9.1</b>	<b>Information on basic physical and chemical properties</b>

**Trade name:** Virhe. Viitteen lähdeä ei löytynyt. **Saunia Sauna scent 500 ml Tar**

**Date:** Virhe. Viitteen lähdeä ei löytynyt. **28.7.2014**

**Former date:**

<b>Appearance</b>	Liquid
<b>Odour</b>	Characteristic
<b>Odour threshold</b>	-
<b>pH</b>	-
<b>Melting point / freezing point</b>	-
<b>Initial boiling point and boiling range</b>	100°C
<b>Flash point</b>	-
<b>Evaporation rate</b>	-
<b>Flammability (solid, gas)</b>	-
<b>Upper / lower flammability or explosive limits</b>	-
<b>Vapour pressure</b>	-
<b>Vapour density</b>	-
<b>Relative density</b>	-
<b>Solubility(ies)</b>	Dissolves in water, oil phase separates to surface.
<b>Partition coefficient: n-octanol/water</b>	-
<b>Auto-ignition temperature</b>	-
<b>Decomposition temperature</b>	-
<b>Viscosity</b>	-
<b>Explosive properties</b>	-
<b>Oxidising properties</b>	-

## **9.2 Other information**

-

## **SECTION 10: STABILITY AND REACTIVITY**

### **10.1 Reactivity**

-

### **10.2 Chemical stability**

Stable under normal handling conditions.

### **10.3 Possibility of hazardous reactions**

-

### **10.4 Conditions to avoid**

-

### **10.5 Incompatible materials**

-

### **10.6 Hazardous decomposition products**

-

## **SECTION 11: TOXICOLOGICAL INFORMATION**

### **11.1 Information on toxicological effects**

#### **Acute toxicity**

-

#### **Skin corrosion / irritation**

-

#### **Serious eye damage / irritation**

**Trade name:** Virhe. Viitteen lähdettä ei löytynyt. **Saunia Sauna scent 500 ml Tar**

**Date:** Virhe. Viitteen lähdettä ei löytynyt. **28.7.2014**

**Former date:**

-  
**Respiratory or skin sensitisation**

-  
**Germ cell mutagenicity**

No mutagenic effects.

**Carcinogenicity**

No carcinogenic effects.

**Reproductive toxicity**

No effects.

**STOT-single exposure**

-  
**STOT-repeated exposure**

-  
**Aspiration hazard**

-  
**Other information**

-

## **SECTION 12: ECOLOGICAL INFORMATION**

### **12.1 Toxicity**

-

### **12.2 Persistence and degradability**

-

### **12.3 Bioaccumulative potential**

-

### **12.4 Mobility in soil**

-

### **12.5 Results of PBT and vPvB assessment**

-

### **12.6 Other adverse effects**

-

## **SECTION 13: DISPOSAL CONSIDERATIONS**

### **13.1 Waste treatment methods**

Dispose according to local legislation.

## **SECTION 14: TRANSPORT INFORMATION**

### **14.1 UN number**

-

### **14.2 UN proper shipping name**

-

### **14.3 Transport hazard class(es)**

-

### **14.4 Packing group**

-

### **14.5 Environmental hazards**

-

### **14.6 Special precautions for user**

Product is to be used **only** diluted to water.

### **14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**

-

## **SECTION 15: REGULATORY INFORMATION**

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

-

### **15.2 Chemical safety assessment**

-

**Trade name:** Virhe. Viitteen lähdettä ei löytynyt. **Saunia Sauna scent 500 ml Tar**

**Date:** Virhe. Viitteen lähdettä ei löytynyt. **28.7.2014**

**Former date:**

---

## **SECTION 16: OTHER INFORMATION**

### **Changes to previous version**

New material safety data sheet.

### **Explanation of abbreviations**

-

### **Sources of information**

Material safety data sheets of raw materials, literature sources.

### **Used method in classification**

Corollary rules. Literature.

### **List of R- and S- phrases or / and hazard and safety phrases**

-

### **Training of employees.**

-



Date: 15.2.2013

Former date: 28.8.2012

**SECTION 1: IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING****1.1 Product identifier**

Trade name Saunia Sauna scent Birch  
Company product code -  
REACH registration number -

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

The uses of the chemical Sauna scent  
Classification of economic activities 20.5 C 3 Manufacture of other chemical products  
Use categories (UC62) 36 Fragrances  
The chemical can be used by the general public ☐  
The chemical is used by the general public only X

**1.3 Details of the supplier of the safety data sheet****Manufacturer, importer, other undertaking**

Manufactured for: Nikkarien OY

Street address Sarkatie 2  
Post code and post office 01720 Vantaa  
Post-office box  
Post code and post office  
Telephone +358 9 477 0150  
e-mail address info@nikkarien.fi  
Finnish Business ID (Y-code) FI05731312

**1.4 Emergency telephone number**

Poison Information Centre: Haartmaninkatu 4, 00290 Helsinki, 09-4711 or 09-471977

**SECTION 2: HAZARDS IDENTIFICATION****2.1 Classification of the substance or mixture**

Flam. liq. 2; H225: Highly flammable liquid and vapour.  
Skin Sens. 1; H317: May cause an allergic skin reaction.  
Eye Irrit. 2; H319: Causes serious eye irritation.  
STOT SE 3; H336: May cause drowsiness or dizziness.  
Aquatic Chronic 3; H412: Harmful to aquatic life with long lasting effects.

F, Xi N; R11, R36, R43, R67, R52/53

**2.2 Label elements****DANGER**

H225: Highly flammable liquid and vapour.  
H317: May cause an allergic skin reaction.  
H319: Causes serious eye irritation.  
H336: May cause drowsiness or dizziness.  
H412: Harmful to aquatic life with long lasting effects.

P273: Avoid release to the environment.

P303+P361+P353: IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

P304+P340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
 P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.  
 P312: Call a POISON CENTER or doctor/physician if you feel unwell.  
 P333+P313: If skin irritation or a rash occurs: Get medical advice/attention.  
 P337+P313 If eye irritation persists get medical advice/attention.  
 P403+P233: Store in a well ventilated place. Keep container tightly closed.  
 P501: Dispose of contents/container according to local legislation.

## 2.3 Other hazards

-

## SECTION 3 : COMPOSITION / INFORMATION ON INGREDIENTS

### 3.1 Hazardous ingredients

CAS/EC number and the registration number	Name of the ingredient	Concentration	Classification
CAS: 67-63-0	Isopropanol	40-50%	F; R11-36-67 Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336
CAS: 106-24-1	Geraniol	<1%	Xi; R38, R41, R43 Eye dam. 1, H318 Skin irrit. 2, H315 Skin sens 1, H317
CAS: 80-26-2	Limonene	<1%	Xi; N; R38, R43, R50/53, R10 Flam liq 3, H226 Skin irrit. 2, H315 Skin sens 1, H317 Aq chron. 1, H410
CAS: 80-26-2	Terpinyl acetate	<1%	N; R51/53 Aq. chron. 2, H411
CAS: 128-37-0	Butylated hydroxytoluene	<1%	N; R50/53 Aq. chron. 1, H410

## SECTION 4: FIRST AID MEASURES

### 4.1 Description of first aid measures

In case of inhalation: take the patient to fresh air.  
 Wash off from skin with plenty of water and soap. Take off soiled clothing.  
 Rinse immediately from eyes with plenty of water and take the patient to the doctor's.  
 In case of ingestion: Drink water, but remember NOT TO GIVE ANYTHING TO DRINK TO A UNCONSCIOUS PERSON. Contact a physician or poison information centre.

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

Skin contact may cause irritation.

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

-

## SECTION 5: FIREFIGHTING MEASURES

### 5.1 Extinguishing media

Powder, foam or carbon dioxide.

### 5.2 Special hazards arising from the substance or mixture

-

### 5.3 Advice for firefighters

-

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### 6.1 Personal precautions, protective equipment and emergency procedures

Use appropriate protective clothing. Arrange for adequate ventilation. Keep away from heat/sparks/open flames/hot surfaces – No smoking.

**6.2 Environmental precautions**

Prevent significant amounts accessing to the drain.

**6.3 Methods and material for containment and cleaning up**

Absorb to adequate material (sand etc.) and dispose according to the local legislation.

**6.4 Reference to other sections**

-

**SECTION 7: HANDLING AND STORAGE****7.1 Precautions for safe handling**

Use protective clothing, protective gloves and goggles. Arrange adequate ventilation. Keep away from heat/sparks/open flames/hot surfaces – No smoking. Take precautionary measures against static discharges.

**7.2 Conditions for safe storage, including any incompatibilities**

Tightly closed in cool, well ventilated room.

**7.3 Specific end use(s)**

-

**SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION****8.1 Control parameters****National occupational exposure limit values**

Isopropanol 200 ppm (8h), 250 ppm (15 min)

Limonene 25 ppm (8h), 50 ppm (15 min)

Butylated hydroxytoluene 10 mg/m<sup>3</sup> (8 h), 20 mg/m<sup>3</sup> (15 min)

**Other limit values**

-

**DNEL**

-

**PNEC**

-

**8.2 Exposure controls****Appropriate engineering controls**

Arrange adequate ventilation.

**Eye / face protection**

Wear appropriate protective goggles or mask if risk of splashes exist.

**Skin protection**

Protective clothing.

**Hand protection**

Material of protective gloves: PVA, nitrile or viton rubber.

**Respiratory protection**

-

**Thermal hazards**

-

**Environmental exposure controls**

-

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES****9.1 Information on basic physical and chemical properties**

<b>Appearance</b>	Green liquid
<b>Odour</b>	Characteristic
<b>Odour threshold</b>	-
<b>pH</b>	-
<b>Melting point / freezing point</b>	-

<b>Initial boiling point and boiling range</b>	82-83°C (Isopropanol)
<b>Flash point</b>	13 °C (Isopropanol)
<b>Evaporation rate</b>	-
<b>Flammability (solid, gas)</b>	-
<b>Upper / lower flammability or explosive limits</b>	-
<b>Vapour pressure</b>	-
<b>Vapour density</b>	-
<b>Relative density</b>	-
<b>Solubility(ies)</b>	Isopropanol-water mixture dissolve perfectly in water, oil separates to surface. Oil and isopropanol dissolve in fat phase perfectly, water separates.
<b>Partition coefficient: n-octanol/water</b>	-
<b>Auto-ignition temperature</b>	-
<b>Decomposition temperature</b>	-
<b>Viscosity</b>	-
<b>Explosive properties</b>	-
<b>Oxidising properties</b>	-

## 9.2 Other information

-

## SECTION 10: STABILITY AND REACTIVITY

### 10.1 Reactivity

-

### 10.2 Chemical stability

Stabile under normal handling conditions.

### 10.3 Possibility of hazardous reactions

-

### 10.4 Conditions to avoid

-

### 10.5 Incompatible materials

-

### 10.6 Hazardous decomposition products

-

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

#### Acute toxicity

-

#### Skin corrosion / irritation

-

#### Serious eye damage / irritation

Irritates eyes seriously.

#### Respiratory or skin sensitisation

Skin contact may cause allergic reaction.

Trade name: Saunia Sauna scent Birch

Date: Virhe. Viitteen lähdettä ei löytynyt.15.2.2013

Former date: 28.8.2012

**Germ cell mutagenicity**

No mutagenic effects.

**Carcinogenicity**

No carcinogenic effects.

**Reproductive toxicity**

No effects.

**STOT-single exposure**

May cause dizziness.

**STOT-repeated exposure**

-

**Aspiration hazard**

-

**Other information**

-

**SECTION 12: ECOLOGICAL INFORMATION**

**12.1 Toxicity**

-

**12.2 Persistence and degradability**

-

**12.3 Bioaccumulative potential**

-

**12.4 Mobility in soil**

-

**12.5 Results of PBT and vPvB assessment**

-

**12.6 Other adverse effects**

-

**SECTION 13: DISPOSAL CONSIDERATIONS**

**13.1 Waste treatment methods**

Dispose according to local legislation.

**SECTION 14: TRANSPORT INFORMATION**

**14.1 UN number**

1219

**14.2 UN proper shipping name**

Isopropyl alcohol

**14.3 Transport hazard class(es)**

33

**14.4 Packing group**

II

**14.5 Environmental hazards**

-

**14.6 Special precautions for user**

Product is to be used **only** diluted to water 1:100. Other use is prohibited.

**14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**

-

**SECTION 15: REGULATORY INFORMATION**

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

-

**15.2 Chemical safety assessment**

-

**SECTION 16: OTHER INFORMATION**

**Changes to previous version**

Ingredients or concentrations of ingredients has been changed to previous version.

**Explanation of abbreviations**

-

**Sources of information**

Material safety data sheets of raw materials, literature sources.

**Used method in classification**

Corollary rules. Literature.

**List of R- and S- phrases or / and hazard and safety phrases**

H225: Highly flammable liquid and vapour.

H226: Flammable liquid and vapour.

H315: Causes skin irritation.

H317 May cause an allergic skin reaction.

H318: Causes serious eye damage.

H319: Causes serious eye irritation.

H336: May cause drowsiness or dizziness.

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.

P273: Avoid release to the environment.

P303+P361+P353: IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

P304+P340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.

P312: Call a POISON CENTER or doctor/physician if you feel unwell.

P333+P313: If skin irritation or a rash occurs: Get medical advice/attention.

P337+P313 If eye irritation persists get medical advice/attention.

P403+P233: Store in a well ventilated place. Keep container tightly closed.

P501: Dispose of contents/container according to local legislation.

R10 Flammable.

R11 Highly flammable.

R36 Irritating to eyes.

R38 Irritating to skin.

R41 Risk of serious damage to eyes

R43 May cause sensitisation by skin contact.

R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment

R67 Vapours may cause drowsiness and dizziness.

**Training of employees.**

-

Date: 21.8.2012

Former date: 24.5.2012

**SECTION 1: IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING****1.1 Product identifier**

Trade name Saunia Sauna scent Eucalyptus  
Company product code -  
REACH registration number -

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

The uses of the chemical Sauna scent  
Classification of economic activities 20.5 C 3 Manufacture of other chemical products  
Use categories (UC62) 36 Fragrances  
The chemical can be used by the general public ☐  
The chemical is used by the general public only X

**1.3 Details of the supplier of the safety data sheet****Manufacturer, importer, other undertaking**

Manufactured for: Nikkarien OY

Street address Sarkatie 2  
Post code and post office 01720 Vantaa  
Post-office box  
Post code and post office  
Telephone +358 9 477 0150  
e-mail address info@nikkarien.fi  
Finnish Business ID (Y-code) FI05731312

**1.4 Emergency telephone number**

Poison Information Centre: Haartmaninkatu 4, 00290 Helsinki, 09-4711 or 09-471977

**SECTION 2: HAZARDS IDENTIFICATION****2.1 Classification of the substance or mixture**

Flam. liq. 2; H225: Highly flammable liquid and vapour.  
Skin Sens. 1; H317: May cause an allergic skin reaction.  
Eye Irrit. 2; H319: Causes serious eye irritation.  
STOT SE 3; H336: May cause drowsiness or dizziness.  
Aquatic Chronic 3; H412: Harmful to aquatic life with long lasting effects.

F, Xi N; R11, R36, R43, R67, R52/53

**2.2 Label elements****DANGER**

H225: Highly flammable liquid and vapour.  
H317: May cause an allergic skin reaction.  
H319: Causes serious eye irritation.  
H336: May cause drowsiness or dizziness.  
H412: Harmful to aquatic life with long lasting effects.

P273: Avoid release to the environment.

P303+P361+P353: IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

P304+P340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
 P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.  
 P312: Call a POISON CENTER or doctor/physician if you feel unwell.  
 P333+P313: If skin irritation or a rash occurs: Get medical advice/attention.  
 P337+P313 If eye irritation persists get medical advice/attention.  
 P403+P233: Store in a well ventilated place. Keep container tightly closed.  
 P501: Dispose of contents/container according to local legislation.

## 2.3 Other hazards

-

## SECTION 3 : COMPOSITION / INFORMATION ON INGREDIENTS

### 3.1 Hazardous ingredients

CAS/EC number and the registration number	Name of the ingredient	Concentration	Classification
CAS: 67-63-0	Isopropanol	50-65%	F; R11-36-67 Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336
CAS: 138-86-3	Limonene	<2%	Xn, N; R10-38-43-65-50/53 Flam liq. 3; H226; Asp. Tox. 1; H304; Skin irrit. 2; H315; Skin sens. 1; H317; Aquatic acute 1; H400; Aquatic chronic 1; H410
CAS: 80-56-8	Pinenes	<2%	Xn, N; R10-43-65-50/53 Flam liq. 3; H226; Asp. Tox. 1; H304; Skin sens 1; H317; Aquatic acute 1; H400; Aquatic chronic 1; H411

## SECTION 4: FIRST AID MEASURES

### 4.1 Description of first aid measures

In case of inhalation: take the patient to fresh air.  
 Wash off from skin with plenty of water and soap. Take off soiled clothing.  
 Rinse immediately from eyes with plenty of water and take the patient to the doctor's.  
 In case of ingestion: Drink water, but remember NOT TO GIVE ANYTHING TO DRINK TO A UNCONSCIOUS PERSON. Contact a physician or poison information centre.

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

Skin contact may cause irritation.

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

-

## SECTION 5: FIREFIGHTING MEASURES

### 5.1 Extinguishing media

Powder, foam or carbon dioxide.

### 5.2 Special hazards arising from the substance or mixture

-

### 5.3 Advice for firefighters

-

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### 6.1 Personal precautions, protective equipment and emergency procedures



Use appropriate protective clothing. Arrange for adequate ventilation. Keep away from heat/sparks/open flames/hot surfaces – No smoking.

## 6.2 Environmental precautions

Prevent significant amounts accessing to the drain.

## 6.3 Methods and material for containment and cleaning up

Absorb to adequate material (sand etc.) and dispose according to the local legislation.

## 6.4 Reference to other sections

-

# SECTION 7: HANDLING AND STORAGE

## 7.1 Precautions for safe handling

Use protective clothing, protective gloves and goggles. Arrange adequate ventilation. Keep away from heat/sparks/open flames/hot surfaces – No smoking. Take precautionary measures against static discharges.

## 7.2 Conditions for safe storage, including any incompatibilities

Tightly closed in cool, well ventilated room.

## 7.3 Specific end use(s)

-

# SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

## 8.1 Control parameters

### National occupational exposure limit values

Isopropanol 200 ppm (8h), 250 ppm (15 min)

### Other limit values

-

DNEL

-

PNEC

-

## 8.2 Exposure controls

### Appropriate engineering controls

Arrange adequate ventilation.

### Eye / face protection

Wear appropriate protective goggles or mask if risk of splashes exist.

### Skin protection

Protective clothing.

### Hand protection

Material of protective gloves: PVA, nitrile or viton rubber.

### Respiratory protection

-

### Thermal hazards

-

### Environmental exposure controls

-

# SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

## 9.1 Information on basic physical and chemical properties

Appearance	Liquid
Odour	Characteristic
Odour threshold	-
pH	-
Melting point / freezing point	-
Initial boiling point and boiling range	82-83°C (Isopropanol)
Flash point	13 °C (Isopropanol)

Trade name: Saunia Sauna scent Eucalyptus

Date: 21.8.2012

Former date: Virhe. Viitteen lähdettä ei löytynyt.

Evaporation rate	-
Flammability (solid, gas)	-
Upper / lower flammability or explosive limits	-
Vapour pressure	-
Vapour density	-
Relative density	-
Solubility(ies)	Isopropanol-water mixture dissolve perfectly in water, essential oil separates to surface. Essential oil and isopropanol dissolve in fat phase perfectly, water separates.
Partition coefficient: n-octanol/water	-
Auto-ignition temperature	-
Decomposition temperature	-
Viscosity	-
Explosive properties	-
Oxidising properties	-

## 9.2 Other information

-

## SECTION 10: STABILITY AND REACTIVITY

### 10.1 Reactivity

-

### 10.2 Chemical stability

Stabile under normal handling conditions.

### 10.3 Possibility of hazardous reactions

-

### 10.4 Conditions to avoid

-

### 10.5 Incompatible materials

-

### 10.6 Hazardous decomposition products

-

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

#### Acute toxicity

-

#### Skin corrosion / irritation

-

#### Serious eye damage / irritation

Irritates eyes seriously.

#### Respiratory or skin sensitisation

Skin contact may cause allergic reaction.

#### Germ cell mutagenicity

No mutagenic effects.

#### Carcinogenicity

Trade name: Saunia Sauna scent Eucalyptus

Date: 21.8.2012

Former date: Virhe. Viitteen lähde ei löytynyt.

No carcinogenic effects.

**Reproductive toxicity**

No effects.

**STOT-single exposure**

May cause dizziness.

**STOT-repeated exposure**

-

**Aspiration hazard**

-

**Other information**

-

**SECTION 12: ECOLOGICAL INFORMATION**

**12.1 Toxicity**

-

**12.2 Persistence and degradability**

-

**12.3 Bioaccumulative potential**

-

**12.4 Mobility in soil**

-

**12.5 Results of PBT and vPvB assessment**

-

**12.6 Other adverse effects**

-

**SECTION 13: DISPOSAL CONSIDERATIONS**

**13.1 Waste treatment methods**

Dispose according to local legislation.

**SECTION 14: TRANSPORT INFORMATION**

**14.1 UN number**

1219

**14.2 UN proper shipping name**

Isopropyl alcohol

**14.3 Transport hazard class(es)**

33

**14.4 Packing group**

II

**14.5 Environmental hazards**

-

**14.6 Special precautions for user**

Product is to be used **only** diluted to water 1:100. Other use is prohibited.

**14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**

-

**SECTION 15: REGULATORY INFORMATION**

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

-

**15.2 Chemical safety assessment**

-

**SECTION 16: OTHER INFORMATION**

**Changes to previous version**

updated previous version dated 24.5.2012

**Explanation of abbreviations**

-

### Sources of information

Material safety data sheets of raw materials, literature sources.

### Used method in classification

Corollary rules. Literature.

### List of R- and S- phrases or / and hazard and safety phrases

H225: Highly flammable liquid and vapour.

H226: Flammable liquid and vapour.

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.

H336: May cause drowsiness or dizziness.

H400 Very toxic to aquatic life.

H411: Toxic to aquatic life with long lasting effects.

H412: Harmful to aquatic life with long lasting effects.

P273: Avoid release to the environment.

P303+P361+P353: IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

P304+P340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.

P312: Call a POISON CENTER or doctor/physician if you feel unwell.

P333+P313: If skin irritation or a rash occurs: Get medical advice/attention.

P337+P313 If eye irritation persists get medical advice/attention.

P403+P233: Store in a well ventilated place. Keep container tightly closed.

P501: Dispose of contents/container according to local legislation.

R10 Flammable.

R11 Highly flammable.

R36 Irritating to eyes.

R38 Irritating to skin.

R43 May cause sensitisation by skin contact.

R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment

R65 Harmful: may cause lung damage if swallowed.

R67 Vapours may cause drowsiness and dizziness.

### Training of employees. Työntekijöiden koulutus

-

Date: 21.8.2012

Former date: 24.5.2012

**SECTION 1: IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING****1.1 Product identifier**

Trade name Saunia Sauna scent Honey&Herbs  
Company product code -  
REACH registration number -

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

The uses of the chemical Sauna scent  
Classification of economic activities 20.5 C 3 Manufacture of other chemical products  
Use categories (UC62) 36 Fragrances  
The chemical can be used by the general public ☐  
The chemical is used by the general public only X

**1.3 Details of the supplier of the safety data sheet****Manufacturer, importer, other undertaking**

Manufactured for: Nikkarien OY

Street address Sarkatie 2  
Post code and post office 01720 Vantaa  
Post-office box  
Post code and post office  
Telephone +358 9 477 0150  
e-mail address info@nikkarien.fi  
Finnish Business ID (Y-code) FI05731312

**1.4 Emergency telephone number**

Poison Information Centre: Haartmaninkatu 4, 00290 Helsinki, 09-4711 or 09-471977

**SECTION 2: HAZARDS IDENTIFICATION****2.1 Classification of the substance or mixture**

Flam. liq. 2; H225: Highly flammable liquid and vapour.  
Eye Irrit. 2; H319: Causes serious eye irritation.  
STOT SE 3; H336: May cause drowsiness or dizziness.

F, Xi N; R11, R36, R67

**2.2 Label elements****DANGER**

H225: Highly flammable liquid and vapour.  
H319: Causes serious eye irritation.  
H336: May cause drowsiness or dizziness.

P303+P361+P353: IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

P304+P340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.

P312: Call a POISON CENTER or doctor/physician if you feel unwell.

**Trade name:** Virhe. Viitteen lähdettä ei löytynyt. **Saunia Sauna scent Honey&Herbs**

**Date:** 21.8.2012

**Former date:** Virhe. Viitteen lähdettä ei löytynyt.

P337+P313 If eye irritation persists get medical advice/attention.

P403+P233: Store in a well ventilated place. Keep container tightly closed.

P501: Dispose of contents/container according to local legislation.

## **2.3 Other hazards**

-

## **SECTION 3 : COMPOSITION / INFORMATION ON INGREDIENTS**

### **3.1 Hazardous ingredients**

<b>CAS/EC number and the registration number</b>	<b>Name of the ingredient</b>	<b>Concentration</b>	<b>Classification</b>
CAS: 67-63-0	Isopropanol	50-65%	F; R11-36-67 Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336

## **SECTION 4: FIRST AID MEASURES**

### **4.1 Description of first aid measures**

In case of inhalation: take the patient to fresh air.

Wash off from skin with plenty of water.

Rinse immediately from eyes with plenty of water and take the patient to the doctor's.

In case of ingestion: Drink water, but remember NOT TO GIVE ANYTHING TO DRINK TO A UNCONSCIOUS PERSON. Contact a physician or poison information centre.

### **4.2 Most important symptoms and effects, both acute and delayed**

-

### **4.3 Indication of any immediate medical attention and special treatment needed**

-

## **SECTION 5: FIREFIGHTING MEASURES**

### **5.1 Extinguishing media**

Powder, foam or carbon dioxide.

### **5.2 Special hazards arising from the substance or mixture**

-

### **5.3 Advice for firefighters**

-

## **SECTION 6: ACCIDENTAL RELEASE MEASURES**

### **6.1 Personal precautions, protective equipment and emergency procedures**

Use appropriate protective clothing. Arrange for adequate ventilation. Keep away from heat/sparks/open flames/hot surfaces – No smoking.

### **6.2 Environmental precautions**

-

### **6.3 Methods and material for containment and cleaning up**

Absorb to adequate material (sand etc.) and dispose according to the local legislation.

### **6.4 Reference to other sections**

-

## **SECTION 7: HANDLING AND STORAGE**

### **7.1 Precautions for safe handling**

Use protective clothing, protective gloves and goggles. Arrange adequate ventilation. Keep away from heat/sparks/open flames/hot surfaces – No smoking. Take precautionary measures against static discharges.

### **7.2 Conditions for safe storage, including any incompatibilities**

Tightly closed in cool, well ventilated room.

### **7.3 Specific end use(s)**

-

## **SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION**

### **8.1 Control parameters**

**Trade name:** Virhe. Viitteen lähdeä ei löytynyt. **Saunia Sauna scent Honey&Herbs**

**Date:** 21.8.2012

**Former date:** Virhe. Viitteen lähdeä ei löytynyt.

**National occupational exposure limit values**

Isopropanol 200 ppm (8h), 250 ppm (15 min)

**Other limit values**

-

**DNEL**

-

**PNEC**

-

**8.2 Exposure controls**

**Appropriate engineering controls**

Arrange adequate ventilation.

**Eye / face protection**

Wear appropriate protective goggles or mask if risk of splashes exist.

**Skin protection**

Protective clothing.

**Hand protection**

Material of protective gloves: PVA, nitrile or viton rubber.

**Respiratory protection**

-

**Thermal hazards**

-

**Environmental exposure controls**

-

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

**9.1 Information on basic physical and chemical properties**

<b>Appearance</b>	Orange-red liquid
<b>Odour</b>	Characteristic
<b>Odour threshold</b>	-
<b>pH</b>	-
<b>Melting point / freezing point</b>	-
<b>Initial boiling point and boiling range</b>	82-83°C (Isopropanol)
<b>Flash point</b>	13 °C (Isopropanol)
<b>Evaporation rate</b>	-
<b>Flammability (solid, gas)</b>	-
<b>Upper / lower flammability or explosive limits</b>	-
<b>Vapour pressure</b>	-
<b>Vapour density</b>	-
<b>Relative density</b>	-
<b>Solubility(ies)</b>	Isopropanol-water mixture dissolve perfectly in water, oil separates to surface. Oil and isopropanol dissolve in fat phase perfectly, water separates.
<b>Partition coefficient: n-octanol/water</b>	-
<b>Auto-ignition temperature</b>	-
<b>Decomposition temperature</b>	-
<b>Viscosity</b>	-

**Trade name:** Virhe. Viitteen lähdettä ei löytynyt. **Saunia Sauna scent Honey&Herbs**

**Date:** 21.8.2012

**Former date:** Virhe. Viitteen lähdettä ei löytynyt.

<b>Explosive properties</b>	-
<b>Oxidising properties</b>	-

**9.2 Other information**

-

**SECTION 10: STABILITY AND REACTIVITY**

**10.1 Reactivity**

-

**10.2 Chemical stability**

Stabile under normal handling conditions.

**10.3 Possibility of hazardous reactions**

-

**10.4 Conditions to avoid**

-

**10.5 Incompatible materials**

-

**10.6 Hazardous decomposition products**

-

**SECTION 11: TOXICOLOGICAL INFORMATION**

**11.1 Information on toxicological effects**

**Acute toxicity**

-

**Skin corrosion / irritation**

-

**Serious eye damage / irritation**

Irritates eyes seriously.

**Respiratory or skin sensitisation**

-

**Germ cell mutagenicity**

No mutagenic effects.

**Carcinogenicity**

No carcinogenic effects.

**Reproductive toxicity**

No effects.

**STOT-single exposure**

May cause dizziness.

**STOT-repeated exposure**

-

**Aspiration hazard**

-

**Other information**

-

**SECTION 12: ECOLOGICAL INFORMATION**

**12.1 Toxicity**

-

**12.2 Persistence and degradability**

-

**12.3 Bioaccumulative potential**



Trade name: Virhe. Viitteen lähdettä ei löytynyt. **Saunia Sauna scent Honey&Herbs**

Date: 21.8.2012

Former date: Virhe. Viitteen lähdettä ei löytynyt.

-	
12.4	<b>Mobility in soil</b>
-	
12.5	<b>Results of PBT and vPvB assessment</b>
-	
12.6	<b>Other adverse effects</b>
-	
<b>SECTION 13: DISPOSAL CONSIDERATIONS</b>	
13.1	<b>Waste treatment methods</b>
	Dispose according to local legislation.
<b>SECTION 14: TRANSPORT INFORMATION</b>	
14.1	<b>UN number</b>
	1219
14.2	<b>UN proper shipping name</b>
	Isopropyl alcohol
14.3	<b>Transport hazard class(es)</b>
	33
14.4	<b>Packing group</b>
	II
14.5	<b>Environmental hazards</b>
-	
14.6	<b>Special precautions for user</b>
	Product is to be used <b>only</b> diluted to water 1:100. Other use is prohibited.
14.7	<b>Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</b>
-	
<b>SECTION 15: REGULATORY INFORMATION</b>	
15.1	<b>Safety, health and environmental regulations/legislation specific for the substance or mixture</b>
-	
15.2	<b>Chemical safety assessment</b>
-	

#### **SECTION 16: OTHER INFORMATION**

##### **Changes to previous version**

updated previous version dated 24.5.2012

##### **Explanation of abbreviations**

-

##### **Sources of information**

Material safety data sheets of raw materials, literature sources.

##### **Used method in classification**

Corollary rules. Literature.

##### **List of R- and S- phrases or / and hazard and safety phrases**

H225: Highly flammable liquid and vapour.

H315: Causes skin irritation.

H319: Causes serious eye irritation.

P303+P361+P353: IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

P304+P340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.

P312: Call a POISON CENTER or doctor/physician if you feel unwell.

P337+P313 If eye irritation persists get medical advice/attention.

P403+P233: Store in a well ventilated place. Keep container tightly closed.

P501: Dispose of contents/container according to local legislation.

**Trade name:** Virhe. Viitteen lähdettä ei löytynyt. **Saunia Sauna scent Honey&Herbs**

**Date:** 21.8.2012

**Former date:** Virhe. Viitteen lähdettä ei löytynyt.

---

R11 Highly flammable.

R36 Irritating to eyes.

R67 Vapours may cause drowsiness and dizziness.

**Training of employees.**

-

Date: 5.1.2021

Former date:

**SECTION 1: IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING****1.1 Product identifier**

Trade name Saunia Sauna scent Juniper berry  
Company product code -  
REACH registration number -

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

The uses of the chemical Sauna scent  
Classification of economic activities 20.5 C 3 Manufacture of other chemical products  
Use categories (UC62) 36 Fragrances  
The chemical can be used by the general public ☐  
The chemical is used by the general public only X

**1.3 Details of the supplier of the safety data sheet**

Manufacturer, importer, other undertaking Manufactured for: Nikkarien OY  
Street address Teollisuustie 6  
Post code and post office 02880 Veikkola  
Post-office box  
Post code and post office  
Telephone +358 9 477 0150  
e-mail address [info@nikkarien.fi](mailto:info@nikkarien.fi)  
Finnish Business ID (Y-code) FI05731312

**1.4 Emergency telephone number**

Poison Information Centre: Haartmaninkatu 4, 00290 Helsinki, 09-4711 or 09-471977

**SECTION 2: HAZARDS IDENTIFICATION****2.1 Classification of the substance or mixture**

Flam. liq. 2; H225: Highly flammable liquid and vapour.  
Skin Irrit. 2; H315: Causes skin irritation.  
Eye Irrit. 2; H319: Causes serious eye irritation.  
STOT SE3; H336: May cause drowsiness or dizziness.  
Aquatic Chronic 3; H412: Harmful to aquatic life with long lasting effects.

**2.2 Label elements****DANGER**

H225: Highly flammable liquid and vapour.  
H315: Causes skin irritation.  
H319: Causes serious eye irritation.  
H336: May cause drowsiness or dizziness.  
H412: Harmful to aquatic life with long lasting effects.

P273: Avoid release to the environment.

**2.3 Other hazards**

-

**Trade name:** Virhe. Viitteen lähdettä ei löytynyt. **Saunia Sauna scent Juniper berry**

**Date:** Virhe. Viitteen lähdettä ei löytynyt. **5.1.2021**

**Former date:**

### SECTION 3 : COMPOSITION / INFORMATION ON INGREDIENTS

#### 3.1 Hazardous ingredients

CAS/EC number and the registration number	Name of the ingredient	Concentration	Classification
Isopropylalcohol	CAS: 67-63-0	50-65%	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336
Alpha-Pinene	CAS: 80-56-8	3%	Flam. Liq. 3, H226 Asp.Tox 1, H304 Skin Irrit. 2, H315 Skin Sens 1, H317 Aq. Chronic 1, H10
Beta-Pinene	CAS: 127-91-3	3%	Flam. Liq. 3, H226 Asp.Tox 1, H304 Skin Irrit. 2, H315 Skin Sens 1, H317 Aq. Chronic 1, H10
Limonene	CAS: 5989-27-5	<0,5%	Flam. Liq. 3, H226 Asp.Tox 1, H304 Skin Irrit. 2, H315 Skin Sens 1, H317 Aq. Chronic 1, H10
Grapefruit	CAS: 8016-20-4	<5%	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Eye Irrit 2, H319 STOT SE 3, H335

### SECTION 4: FIRST AID MEASURES

#### 4.1 Description of first aid measures

In case of inhalation: take the patient to fresh air.  
Wash off from skin with plenty of water.  
Rinse immediately from eyes with plenty of water and take the patient to the doctor's.  
In case of ingestion: Drink water, but remember NOT TO GIVE ANYTHING TO DRINK TO A UNCONSCIOUS PERSON. Contact a physician or poison information centre.

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

May cause skin irritation.

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

-

### SECTION 5: FIREFIGHTING MEASURES

#### 5.1 Extinguishing media

Powder, foam, sand or carbon dioxide.

#### 5.2 Special hazards arising from the substance or mixture

-

#### 5.3 Advice for firefighters

-

### SECTION 6: ACCIDENTAL RELEASE MEASURES

#### 6.1 Personal precautions, protective equipment and emergency procedures

Use appropriate protective clothing. Arrange for adequate ventilation. Keep away from heat/sparks/open flames/hot surfaces – No smoking.

#### 6.2 Environmental precautions

Prevent significant amounts accessing to the drain.

#### 6.3 Methods and material for containment and cleaning up

Absorb to adequate material (sand etc.) and dispose according to the local legislation.

#### 6.4 Reference to other sections

-

**Trade name:** Virhe. Viitteen lähdeä ei löytynyt. **Saunia Sauna scent Juniper berry**

**Date:** Virhe. Viitteen lähdeä ei löytynyt. **5.1.2021**

**Former date:**

## SECTION 7: HANDLING AND STORAGE

### 7.1 Precautions for safe handling

Use protective clothing, protective gloves and goggles. Arrange adequate ventilation. Keep away from heat/sparks/open flames/hot surfaces – No smoking. Take precautionary measures against static discharges.

### 7.2 Conditions for safe storage, including any incompatibilities

Tightly closed in cool, well ventilated room.

### 7.3 Specific end use(s)

-

## SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

### 8.1 Control parameters

#### National occupational exposure limit values

Isopropanol 200 ppm (8h), 250 ppm (15 min)

#### Other limit values

-

**DNEL**

-

**PNEC**

-

### 8.2 Exposure controls

#### Appropriate engineering controls

Arrange adequate ventilation.

#### Eye / face protection

Wear appropriate protective goggles or mask if risk of splashes exist.

#### Skin protection

Protective clothing.

#### Hand protection

Material of protective gloves: PVA, nitrile or viton rubber.

#### Respiratory protection

-

#### Thermal hazards

-

#### Environmental exposure controls

-

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

<b>Appearance</b>	Green liquid
<b>Odour</b>	Characteristic
<b>Odour threshold</b>	-
<b>pH</b>	-
<b>Melting point / freezing point</b>	-
<b>Initial boiling point and boiling range</b>	82-83°C (Isopropanol)
<b>Flash point</b>	13 °C (Isopropanol)
<b>Evaporation rate</b>	-
<b>Flammability (solid, gas)</b>	-
<b>Upper / lower flammability or explosive limits</b>	-
<b>Vapour pressure</b>	-
<b>Vapour density</b>	-

**Trade name:** Virhe. Viitteen lähdettä ei löytynyt. **Saunia Sauna scent Juniper berry**

**Date:** Virhe. Viitteen lähdettä ei löytynyt. **5.1.2021**

**Former date:**

<b>Relative density</b>	-
<b>Solubility(ies)</b>	Isopropanol-water mixture dissolve perfectly in water, mint oil separates to surface. Mint oil and isopropanol dissolve in fat phase perfectly, water separates.
<b>Partition coefficient: n-octanol/water</b>	-
<b>Auto-ignition temperature</b>	-
<b>Decomposition temperature</b>	-
<b>Viscosity</b>	-
<b>Explosive properties</b>	-
<b>Oxidising properties</b>	-

## 9.2 Other information

-

## SECTION 10: STABILITY AND REACTIVITY

### 10.1 Reactivity

-

### 10.2 Chemical stability

Stabile under normal handling conditions.

### 10.3 Possibility of hazardous reactions

-

### 10.4 Conditions to avoid

-

### 10.5 Incompatible materials

-

### 10.6 Hazardous decomposition products

-

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

#### Acute toxicity

-

#### Skin corrosion / irritation

May cause skin irritation.

#### Serious eye damage / irritation

Irritates eyes seriously.

#### Respiratory or skin sensitisation

-

#### Germ cell mutagenicity

No mutagenic effects.

#### Carcinogenicity

No carcinogenic effects.

#### Reproductive toxicity

No effects.

#### STOT-single exposure

May cause dizziness.

#### STOT-repeated exposure

-

**Trade name:** Virhe. Viitteen lähdettä ei löytynyt. **Saunia Sauna scent Juniper berry**

**Date:** Virhe. Viitteen lähdettä ei löytynyt. **5.1.2021**

**Former date:**

**Aspiration hazard**

-

**Other information**

-

**SECTION 12: ECOLOGICAL INFORMATION**

**12.1 Toxicity**

-

**12.2 Persistence and degradability**

-

**12.3 Bioaccumulative potential**

-

**12.4 Mobility in soil**

-

**12.5 Results of PBT and vPvB assessment**

-

**12.6 Other adverse effects**

-

**SECTION 13: DISPOSAL CONSIDERATIONS**

**13.1 Waste treatment methods**

Dispose according to local legislation.

**SECTION 14: TRANSPORT INFORMATION**

**14.1 UN number**

1219

**14.2 UN proper shipping name**

Isopropyl alcohol

**14.3 Transport hazard class(es)**

33

**14.4 Packing group**

II

**14.5 Environmental hazards**

-

**14.6 Special precautions for user**

Product is to be used **only** diluted to water 1:100. Other use is prohibited.

**14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**

-

**SECTION 15: REGULATORY INFORMATION**

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

-

**15.2 Chemical safety assessment**

-

**SECTION 16: OTHER INFORMATION**

**Changes to previous version**

-

**Explanation of abbreviations**

-

**Sources of information**

Material safety data sheets of raw materials, literature sources.

**Used method in classification**

Corollary rules. Literature.

**Training of employees.**

-

Date: 21.8.2012

Former date: 24.5.2012

**SECTION 1: IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING****1.1 Product identifier**

Trade name Saunia Sauna scent Lemon  
Company product code -  
REACH registration number -

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

The uses of the chemical Sauna scent  
Classification of economic activities 20.5 C 3 Manufacture of other chemical products  
Use categories (UC62) 36 Fragrances  
The chemical can be used by the general public ☐  
The chemical is used by the general public only X

**1.3 Details of the supplier of the safety data sheet****Manufacturer, importer, other undertaking**

Manufactured for: Nikkarien OY

Street address Sarkatie 2  
Post code and post office 01720 Vantaa  
Post-office box  
Post code and post office  
Telephone +358 9 477 0150  
e-mail address info@nikkarien.fi  
Finnish Business ID (Y-code) FI05731312

**1.4 Emergency telephone number**

Poison Information Centre: Haartmaninkatu 4, 00290 Helsinki, 09-4711 or 09-471977

**SECTION 2: HAZARDS IDENTIFICATION****2.1 Classification of the substance or mixture**

Flam. liq. 2; H225: Highly flammable liquid and vapour.  
Skin sens. 1, H317: May cause an allergic skin reaction.  
Eye Irrit. 2; H319: Causes serious eye irritation.  
STOT SE 3; H336: May cause drowsiness or dizziness.  
Aq. Chron. 3, H412: Harmful to aquatic life with long lasting effects.

F, Xi; R10, R36, R43, R52/53, R67

**2.2 Label elements****DANGER**

H225: Highly flammable liquid and vapour.  
H317: May cause an allergic skin reaction.  
H319: Causes serious eye irritation.  
H336: May cause drowsiness or dizziness.

P303 + P361 + P353: IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing.  
Rinse skin with water/shower.  
P304+P340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.



P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.  
 P312: Call a POISON CENTER or doctor/physician if you feel unwell.  
 P333+P313: If skin irritation or a rash occurs: Get medical advice/attention.  
 P337+P313 If eye irritation persists get medical advice/attention.  
 P403+P233: Store in a well ventilated place. Keep container tightly closed.

**2.3 Other hazards**

-

**SECTION 3 : COMPOSITION / INFORMATION ON INGREDIENTS****3.1 Hazardous ingredients**

CAS/EC number and the registration number	Name of the ingredient	Concentration	Classification
CAS: 67-63-0	Isopropanol	50-65%	F; R11-36-67 Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336
CAS: 138-86-3	Limonene	<4%	R10; N; R50/53, R43; Xn; R65; Xi; R38 Asp. tox. 1, H304 Skin irrit. 2, H315 Skin sens. 1, H317 Aquatic Acute 1, H400

**SECTION 4: FIRST AID MEASURES****4.1 Description of first aid measures**

In case of inhalation: take the patient to fresh air.  
 Wash off from skin with plenty of water and soap. Take off soiled clothing.  
 Rinse immediately from eyes with plenty of water and take the patient to the doctor's.  
 In case of ingestion: Drink water, but remember NOT TO GIVE ANYTHING TO DRINK TO A UNCONSCIOUS PERSON. Contact a physician or poison information centre.

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

Skin contact may cause allergic reaction.

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

-

**SECTION 5: FIREFIGHTING MEASURES****5.1 Extinguishing media**

Powder, foam or carbon dioxide.

**5.2 Special hazards arising from the substance or mixture**

-

**5.3 Advice for firefighters**

-

**SECTION 6: ACCIDENTAL RELEASE MEASURES****6.1 Personal precautions, protective equipment and emergency procedures**

Use appropriate protective clothing. Arrange for adequate ventilation. Keep away from heat/sparks/open flames/hot surfaces – No smoking.

**6.2 Environmental precautions**

-

**6.3 Methods and material for containment and cleaning up**

Absorb to adequate material (sand etc.) and dispose according to the local legislation.

**6.4 Reference to other sections**

-

**SECTION 7: HANDLING AND STORAGE****7.1 Precautions for safe handling**

Use protective clothing, protective gloves and goggles. Arrange adequate ventilation. Keep away from heat/sparks/open flames/hot surfaces – No smoking. Take precautionary measures against static discharges.

**7.2 Conditions for safe storage, including any incompatibilities**

Tightly closed in cool, well ventilated room.

**7.3 Specific end use(s)**

-

**SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION**
**8.1 Control parameters**
**National occupational exposure limit values**

Isopropanol 200 ppm (8h), 250 ppm (15 min)

**Other limit values**

-

**DNEL**

-

**PNEC**

-

**8.2 Exposure controls**
**Appropriate engineering controls**

Arrange adequate ventilation.

**Eye / face protection**

Wear appropriate protective goggles or mask if risk of splashes exist.

**Skin protection**

Protective clothing.

**Hand protection**

Material of protective gloves: PVA, nitrile or viton rubber.

**Respiratory protection**

-

**Thermal hazards**

-

**Environmental exposure controls**

-

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**
**9.1 Information on basic physical and chemical properties**

<b>Appearance</b>	Yellow liquid
<b>Odour</b>	Characteristic
<b>Odour threshold</b>	-
<b>pH</b>	-
<b>Melting point / freezing point</b>	-
<b>Initial boiling point and boiling range</b>	82-83°C (Isopropanol)
<b>Flash point</b>	13 °C (Isopropanol)
<b>Evaporation rate</b>	-
<b>Flammability (solid, gas)</b>	-
<b>Upper / lower flammability or explosive limits</b>	-
<b>Vapour pressure</b>	-
<b>Vapour density</b>	-
<b>Relative density</b>	-

<b>Solubility(ies)</b>	Isopropanol-water mixture dissolve perfectly in water, oil separates to surface. Oil and isopropanol dissolve in fat phase perfectly, water separates.
<b>Partition coefficient: n-octanol/water</b>	-
<b>Auto-ignition temperature</b>	-
<b>Decomposition temperature</b>	-
<b>Viscosity</b>	-
<b>Explosive properties</b>	-
<b>Oxidising properties</b>	-

**9.2 Other information**

-

**SECTION 10: STABILITY AND REACTIVITY****10.1 Reactivity**

-

**10.2 Chemical stability**

Stabile under normal handling conditions.

**10.3 Possibility of hazardous reactions**

-

**10.4 Conditions to avoid**

-

**10.5 Incompatible materials**

-

**10.6 Hazardous decomposition products**

-

**SECTION 11: TOXICOLOGICAL INFORMATION****11.1 Information on toxicological effects****Acute toxicity**Lemon oil: LD<sub>50</sub>: >5000 mg/kg (oral, rat)**Skin corrosion / irritation**

-

**Serious eye damage / irritation**

Irritates eyes seriously.

**Respiratory or skin sensitisation**

Skin contact may cause allergic reaction.

**Germ cell mutagenicity**

No mutagenic effects.

**Carcinogenicity**

No carcinogenic effects.

**Reproductive toxicity**

No effects.

**STOT-single exposure**

May cause dizziness.

**STOT-repeated exposure**

-

**Aspiration hazard**

-  
Other information  
-

## SECTION 12: ECOLOGICAL INFORMATION

12.1	<b>Toxicity</b>
	- Harmful to aquatic life with long lasting effects.
12.2	<b>Persistence and degradability</b>
	-
12.3	<b>Bioaccumulative potential</b>
	-
12.4	<b>Mobility in soil</b>
	-
12.5	<b>Results of PBT and vPvB assessment</b>
	-
12.6	<b>Other adverse effects</b>
	-

## SECTION 13: DISPOSAL CONSIDERATIONS

13.1	<b>Waste treatment methods</b>
	Dispose according to local legislation.

## SECTION 14: TRANSPORT INFORMATION

14.1	<b>UN number</b>
	1219
14.2	<b>UN proper shipping name</b>
	Isopropyl alcohol
14.3	<b>Transport hazard class(es)</b>
	33
14.4	<b>Packing group</b>
	II
14.5	<b>Environmental hazards</b>
	-
14.6	<b>Special precautions for user</b>
	Product is to be used <b>only</b> diluted to water 1:100. Other use is prohibited.
14.7	<b>Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</b>
	-

## SECTION 15: REGULATORY INFORMATION

15.1	<b>Safety, health and environmental regulations/legislation specific for the substance or mixture</b>
	-
15.2	<b>Chemical safety assessment</b>
	-

## SECTION 16: OTHER INFORMATION

### Changes to previous version

updated previous version dated 24.5.2012

### Explanation of abbreviations

-

### Sources of information

Material safety data sheets of raw materials, literature sources.

### Used method in classification

Corollary rules. Literature.

### List of R- and S- phrases or / and hazard and safety phrases

H225: Highly flammable liquid and vapour.

H226 Flammable liquid and vapour.

H304 May be fatal if swallowed and enters airways.

H315: Causes skin irritation.

**Trade name: Saunia Sauna scent Lemon**

**Date: 21.8.2012**

**Former date: Virhe. Viitteen lähdettä ei löytynyt.**

---

H317: May cause an allergic skin reaction.  
H319: Causes serious eye irritation.  
H336: May cause drowsiness or dizziness.  
H400 Very toxic to aquatic life.  
H410 Very toxic to aquatic life with long lasting effects.

P303 + P361 + P353: IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.  
P304+P340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.  
P312: Call a POISON CENTER or doctor/physician if you feel unwell.  
P333+P313: If skin irritation or a rash occurs: Get medical advice/attention.  
P337+P313 If eye irritation persists get medical advice/attention.  
P403+P233: Store in a well ventilated place. Keep container tightly closed.

R10 Flammable.  
R11 Highly flammable.  
R36 Irritating to eyes.  
R38 Irritating to skin.  
R43 May cause sensitisation by skin contact.  
R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.  
R65 Harmful: may cause lung damage if swallowed.  
R67 Vapours may cause drowsiness and dizziness.

**Training of employees.**

-

Date: 21.8.2012

Former date: 24.5.2012

**SECTION 1: IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING****1.1 Product identifier**

Trade name Saunia Sauna scent Mint  
Company product code -  
REACH registration number -

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

The uses of the chemical Sauna scent  
Classification of economic activities 20.5 C 3 Manufacture of other chemical products  
Use categories (UC62) 36 Fragrances  
The chemical can be used by the general public ☐  
The chemical is used by the general public only X

**1.3 Details of the supplier of the safety data sheet**

Manufacturer, importer, other undertaking  
Manufactured for: Nikkarien OY  
Street address Sarkatie 2  
Post code and post office 01720 Vantaa  
Post-office box  
Post code and post office  
Telephone +358 9 477 0150  
e-mail address [info@nikkarien.fi](mailto:info@nikkarien.fi)  
Finnish Business ID (Y-code) FI05731312

**1.4 Emergency telephone number**

Poison Information Centre: Haartmaninkatu 4, 00290 Helsinki, 09-4711 or 09-471977

**SECTION 2: HAZARDS IDENTIFICATION****2.1 Classification of the substance or mixture**

Flam. liq. 2; H225: Highly flammable liquid and vapour.  
Eye Irrit. 2; H319: Causes serious eye irritation.  
STOT SE3; H336: May cause drowsiness or dizziness.  
Aquatic Chronic 3; H412: Harmful to aquatic life with long lasting effects.

F, Xi N; R11, R36, R67, R52/53

**2.2 Label elements****DANGER**

H225: Highly flammable liquid and vapour.  
H319: Causes serious eye irritation.  
H336: May cause drowsiness or dizziness.  
H412: Harmful to aquatic life with long lasting effects.

P273: Avoid release to the environment.

P303+P361+P353: IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

P304+P340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

**Trade name:** Virhe. Viitteen lähdeä ei löytynyt. **Saunia Sauna scent Mint**

**Date:** Virhe. Viitteen lähdeä ei löytynyt. **21.8.2012**  
**lähdeä ei löytynyt.**24.5.2012

**Former date:** Virhe. Viitteen

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.

P312: Call a POISON CENTER or doctor/physician if you feel unwell.

P337+P313 If eye irritation persists get medical advice/attention.

P403+P233: Store in a well ventilated place. Keep container tightly closed.

P501: Dispose of contents/container according to local legislation.

## **2.3 Other hazards**

-

## **SECTION 3 : COMPOSITION / INFORMATION ON INGREDIENTS**

### **3.1 Hazardous ingredients**

<b>CAS/EC number and the registration number</b>	<b>Name of the ingredient</b>	<b>Concentration</b>	<b>Classification</b>
CAS: 67-63-0	Isopropanol	50-65%	F; R11-36-67 Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336
CAS: 2216-51-5	L-Menthol	<5%	Xi; R38 Skin irrit. 2; H315
CAS: 14073-97-3	P-menthan-3-one	<4%	R52/53 Aquatic chronic 3;H412

## **SECTION 4: FIRST AID MEASURES**

### **4.1 Description of first aid measures**

In case of inhalation: take the patient to fresh air.

Wash off from skin with plenty of water.

Rinse immediately from eyes with plenty of water and take the patient to the doctor's.

In case of ingestion: Drink water, but remember NOT TO GIVE ANYTHING TO DRINK TO A UNCONSCIOUS PERSON. Contact a physician or poison information centre.

### **4.2 Most important symptoms and effects, both acute and delayed**

-

### **4.3 Indication of any immediate medical attention and special treatment needed**

-

## **SECTION 5: FIREFIGHTING MEASURES**

### **5.1 Extinguishing media**

Powder, foam, sand or carbon dioxide.

### **5.2 Special hazards arising from the substance or mixture**

-

### **5.3 Advice for firefighters**

-

## **SECTION 6: ACCIDENTAL RELEASE MEASURES**

### **6.1 Personal precautions, protective equipment and emergency procedures**

Use appropriate protective clothing. Arrange for adequate ventilation. Keep away from heat/sparks/open flames/hot surfaces – No smoking.

### **6.2 Environmental precautions**

Prevent significant amounts accessing to the drain.

### **6.3 Methods and material for containment and cleaning up**

Absorb to adequate material (sand etc.) and dispose according to the local legislation.

### **6.4 Reference to other sections**

-

## **SECTION 7: HANDLING AND STORAGE**

### **7.1 Precautions for safe handling**

**Trade name:** Virhe. Viitteen lähdettä ei löytynyt. **Saunia Sauna scent Mint**

**Date:** Virhe. Viitteen lähdettä ei löytynyt. **21.8.2012**  
**lähdettä ei löytynyt.**24.5.2012

**Former date:** Virhe. Viitteen

Use protective clothing, protective gloves and goggles. Arrange adequate ventilation. Keep away from heat/sparks/open flames/hot surfaces – No smoking. Take precautionary measures against static discharges.

**7.2 Conditions for safe storage, including any incompatibilities**

Tightly closed in cool, well ventilated room.

**7.3 Specific end use(s)**

-

**SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION**

**8.1 Control parameters**

**National occupational exposure limit values**

Isopropanol 200 ppm (8h), 250 ppm (15 min)

**Other limit values**

-

**DNEL**

-

**PNEC**

-

**8.2 Exposure controls**

**Appropriate engineering controls**

Arrange adequate ventilation.

**Eye / face protection**

Wear appropriate protective goggles or mask if risk of splashes exist.

**Skin protection**

Protective clothing.

**Hand protection**

Material of protective gloves: PVA, nitrile or viton rubber.

**Respiratory protection**

-

**Thermal hazards**

-

**Environmental exposure controls**

-

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

**9.1 Information on basic physical and chemical properties**

<b>Appearance</b>	Green liquid
<b>Odour</b>	Characteristic
<b>Odour threshold</b>	-
<b>pH</b>	-
<b>Melting point / freezing point</b>	-
<b>Initial boiling point and boiling range</b>	82-83°C (Isopropanol)
<b>Flash point</b>	13 °C (Isopropanol)
<b>Evaporation rate</b>	-
<b>Flammability (solid, gas)</b>	-
<b>Upper / lower flammability or explosive limits</b>	-
<b>Vapour pressure</b>	-
<b>Vapour density</b>	-
<b>Relative density</b>	-



**Trade name:** Virhe. Viitteen lähdettä ei löytynyt. **Saunia Sauna scent Mint**

**Date:** Virhe. Viitteen lähdettä ei löytynyt. **21.8.2012**  
lähdettä ei löytynyt. 24.5.2012

**Former date:** Virhe. Viitteen

<b>Solubility(ies)</b>	Isopropanol-water mixture dissolve perfectly in water, mint oil separates to surface. Mint oil and isopropanol dissolve in fat phase perfectly, water separates.
<b>Partition coefficient: n-octanol/water</b>	-
<b>Auto-ignition temperature</b>	-
<b>Decomposition temperature</b>	-
<b>Viscosity</b>	-
<b>Explosive properties</b>	-
<b>Oxidising properties</b>	-

## 9.2 Other information

-

## SECTION 10: STABILITY AND REACTIVITY

### 10.1 Reactivity

-

### 10.2 Chemical stability

Stabile under normal handling conditions.

### 10.3 Possibility of hazardous reactions

-

### 10.4 Conditions to avoid

-

### 10.5 Incompatible materials

-

### 10.6 Hazardous decomposition products

-

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

#### Acute toxicity

Mint oil: LD<sub>50</sub>: 1240 mg/kg (oral, rat)

#### Skin corrosion / irritation

-

#### Serious eye damage / irritation

Irritates eyes seriously.

#### Respiratory or skin sensitisation

-

#### Germ cell mutagenicity

No mutagenic effects.

#### Carcinogenicity

No carcinogenic effects.

#### Reproductive toxicity

No effects.

#### STOT-single exposure

May cause dizziness.

#### STOT-repeated exposure

-

#### Aspiration hazard

**Trade name:** Virhe. Viitteen lähdettä ei löytynyt. **Saunia Sauna scent Mint**

**Date:** Virhe. Viitteen lähdettä ei löytynyt. **21.8.2012**  
lähdettä ei löytynyt. 24.5.2012

**Former date:** Virhe. Viitteen

-  
**Other information**  
-

SECTION 12: ECOLOGICAL INFORMATION	
12.1	<b>Toxicity</b>
-	
12.2	<b>Persistence and degradability</b>
-	
12.3	<b>Bioaccumulative potential</b>
-	
12.4	<b>Mobility in soil</b>
-	
12.5	<b>Results of PBT and vPvB assessment</b>
-	
12.6	<b>Other adverse effects</b>
-	
SECTION 13: DISPOSAL CONSIDERATIONS	
13.1	<b>Waste treatment methods</b>
	Dispose according to local legislation.
SECTION 14: TRANSPORT INFORMATION	
14.1	<b>UN number</b>
	1219
14.2	<b>UN proper shipping name</b>
	Isopropyl alcohol
14.3	<b>Transport hazard class(es)</b>
	33
14.4	<b>Packing group</b>
	II
14.5	<b>Environmental hazards</b>
-	
14.6	<b>Special precautions for user</b>
	Product is to be used <b>only</b> diluted to water 1:100. Other use is prohibited.
14.7	<b>Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</b>
-	
SECTION 15: REGULATORY INFORMATION	
15.1	<b>Safety, health and environmental regulations/legislation specific for the substance or mixture</b>
-	
15.2	<b>Chemical safety assessment</b>
-	

SECTION 16: OTHER INFORMATION	
<b>Changes to previous version</b>	
updated previous version dated 24.5.2012	
<b>Explanation of abbreviations</b>	
-	
<b>Sources of information</b>	
Material safety data sheets of raw materials, literature sources.	
<b>Used method in classification</b>	
Corollary rules. Literature.	
<b>List of R- and S- phrases or / and hazard and safety phrases</b>	
H225: Highly flammable liquid and vapour.	
H315: Causes skin irritation.	

**Trade name:** Virhe. Viitteen lähdettä ei löytynyt. **Saunia Sauna scent Mint**

**Date:** Virhe. Viitteen lähdettä ei löytynyt. **21.8.2012**  
**lähdettä ei löytynyt.24.5.2012**

**Former date:** Virhe. Viitteen

H319: Causes serious eye irritation.

H336: May cause drowsiness or dizziness.

H412: Harmful to aquatic life with long lasting effects.

P273: Avoid release to the environment.

P303+P361+P353: IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

P304+P340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.

P312: Call a POISON CENTER or doctor/physician if you feel unwell.

P337+P313 If eye irritation persists get medical advice/attention.

P403+P233: Store in a well ventilated place. Keep container tightly closed.

P501: Dispose of contents/container according to local legislation.

R11 Highly flammable.

R36 Irritating to eyes.

R38 Irritating to skin.

R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R67 Vapours may cause drowsiness and dizziness.

#### **Training of employees.**

-

Date: 21.8.2012

Former date: 24.5.2102

**SECTION 1: IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING****1.1 Product identifier**

Trade name Saunia Sauna scent Pine  
Company product code -  
REACH registration number -

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

The uses of the chemical Sauna scent  
Classification of economic activities 20.5 C 3 Manufacture of other chemical products  
Use categories (UC62) 36 Fragrances  
The chemical can be used by the general public ☐  
The chemical is used by the general public only X

**1.3 Details of the supplier of the safety data sheet****Manufacturer, importer, other undertaking**

Manufactured for: Nikkarien OY

Street address Sarkatie 2  
Post code and post office 01720 Vantaa  
Post-office box  
Post code and post office  
Telephone +358 9 477 0150  
e-mail address info@nikkarien.fi  
Finnish Business ID (Y-code) FI05731312

**1.4 Emergency telephone number**

Poison Information Centre: Haartmaninkatu 4, 00290 Helsinki, 09-4711 or 09-471977

**SECTION 2: HAZARDS IDENTIFICATION****2.1 Classification of the substance or mixture**

Flam. liq. 2; H225: Highly flammable liquid and vapour.  
Skin Sens. 1; H317: May cause an allergic skin reaction.  
Eye Irrit. 2; H319: Causes serious eye irritation.  
STOT SE 3; H336: May cause drowsiness or dizziness.  
Aquatic Chronic 3; H412: Harmful to aquatic life with long lasting effects.

F, Xi N; R11, R36, R43, R67, R52/53

**2.2 Label elements****DANGER**

H225: Highly flammable liquid and vapour.  
H317: May cause an allergic skin reaction.  
H319: Causes serious eye irritation.  
H336: May cause drowsiness or dizziness.  
H412: Harmful to aquatic life with long lasting effects.

P273: Avoid release to the environment.

P303+P361+P353: IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

P304+P340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
 P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.  
 P312: Call a POISON CENTER or doctor/physician if you feel unwell.  
 P333+P313: If skin irritation or a rash occurs: Get medical advice/attention.  
 P337+P313 If eye irritation persists get medical advice/attention.  
 P403+P233: Store in a well ventilated place. Keep container tightly closed.  
 P501: Dispose of contents/container according to local legislation.

### 2.3 Other hazards

-

## SECTION 3 : COMPOSITION / INFORMATION ON INGREDIENTS

### 3.1 Hazardous ingredients

CAS/EC number and the registration number	Name of the ingredient	Concentration	Classification
CAS: 67-63-0	Isopropanol	50-65%	F; R11-36-67 Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336
CAS: 13466-78-9	3,7,7-trimethylbicyclo(4.1.0)hept-3-ene	<1,5%	R10, R43, R52/53, Xn; R65 Flam liq. 3; H226 Asp. tox 1; H304 Skin sens 1; H317 Aquatic chronic 1;H410
CAS: 7785-26-4	Alpha-pinene	<1%	R10, N; R52/53, Xn; R65 Flam liq. 3; H226 Asp. tox 1; H304 Skin sens 1; H317 Aquatic acute 1; H400 Aquatic chronic 1;H410

## SECTION 4: FIRST AID MEASURES

### 4.1 Description of first aid measures

In case of inhalation: take the patient to fresh air.  
 Wash off from skin with plenty of water and soap. Take off soiled clothing.  
 Rinse immediately from eyes with plenty of water and take the patient to the doctor's.  
 In case of ingestion: Drink water, but remember NOT TO GIVE ANYTHING TO DRINK TO A UNCONSCIOUS PERSON. Contact a physician or poison information centre.

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

Skin contact may cause irritation.

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

-

## SECTION 5: FIREFIGHTING MEASURES

### 5.1 Extinguishing media

Powder, foam, sand or carbon dioxide.

### 5.2 Special hazards arising from the substance or mixture

-

### 5.3 Advice for firefighters

-

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### 6.1 Personal precautions, protective equipment and emergency procedures

Use appropriate protective clothing. Arrange for adequate ventilation. Keep away from heat/sparks/open flames/hot surfaces – No smoking.

### 6.2 Environmental precautions

Prevent significant amounts accessing to the drain.

### 6.3 Methods and material for containment and cleaning up

Absorb to adequate material (sand etc.) and dispose according to the local legislation.

### 6.4 Reference to other sections

-

## SECTION 7: HANDLING AND STORAGE

### 7.1 Precautions for safe handling

Use protective clothing, protective gloves and goggles. Arrange adequate ventilation. Keep away from heat/sparks/open flames/hot surfaces – No smoking. Take precautionary measures against static discharges.

### 7.2 Conditions for safe storage, including any incompatibilities

Tightly closed in cool, well ventilated room.

### 7.3 Specific end use(s)

-

## SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

### 8.1 Control parameters

#### National occupational exposure limit values

Isopropanol 200 ppm (8h), 250 ppm (15 min)

#### Other limit values

-

DNEL

-

PNEC

-

### 8.2 Exposure controls

#### Appropriate engineering controls

Arrange adequate ventilation.

#### Eye / face protection

Wear appropriate protective goggles or mask if risk of splashes exist.

#### Skin protection

Protective clothing.

#### Hand protection

Material of protective gloves: PVA, nitrile or viton rubber.

#### Respiratory protection

-

#### Thermal hazards

-

#### Environmental exposure controls

-

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

Appearance	Green liquid
Odour	Characteristic
Odour threshold	-
pH	-
Melting point / freezing point	-
Initial boiling point and boiling range	82-83°C (Isopropanol)
Flash point	13 °C (Isopropanol)
Evaporation rate	-
Flammability (solid, gas)	-

Upper / lower flammability or explosive limits	-
Vapour pressure	-
Vapour density	-
Relative density	-
Solubility(ies)	Isopropanol-water mixture dissolve perfectly in water, oil separates to surface. Oil and isopropanol dissolve in fat phase perfectly, water separates.
Partition coefficient: n-octanol/water	-
Auto-ignition temperature	-
Decomposition temperature	-
Viscosity	-
Explosive properties	-
Oxidising properties	-

**9.2 Other information**

-

**SECTION 10: STABILITY AND REACTIVITY****10.1 Reactivity**

-

**10.2 Chemical stability**

Stabile under normal handling conditions.

**10.3 Possibility of hazardous reactions**

-

**10.4 Conditions to avoid**

-

**10.5 Incompatible materials**

-

**10.6 Hazardous decomposition products**

-

**SECTION 11: TOXICOLOGICAL INFORMATION****11.1 Information on toxicological effects****Acute toxicity**

-

**Skin corrosion / irritation**

-

**Serious eye damage / irritation**

Irritates eyes seriously.

**Respiratory or skin sensitisation**

Skin contact may cause allergic reaction.

**Germ cell mutagenicity**

No mutagenic effects.

**Carcinogenicity**

No carcinogenic effects.

**Reproductive toxicity**

No effects.

**STOT-single exposure**

May cause dizziness.

**STOT-repeated exposure**

-

**Aspiration hazard**

-

**Other information**

-

**SECTION 12: ECOLOGICAL INFORMATION****12.1 Toxicity**

-

**12.2 Persistence and degradability**

-

**12.3 Bioaccumulative potential**

-

**12.4 Mobility in soil**

-

**12.5 Results of PBT and vPvB assessment**

-

**12.6 Other adverse effects**

-

**SECTION 13: DISPOSAL CONSIDERATIONS****13.1 Waste treatment methods**

Dispose according to local legislation.

**SECTION 14: TRANSPORT INFORMATION****14.1 UN number**

1219

**14.2 UN proper shipping name**

Isopropyl alcohol

**14.3 Transport hazard class(es)**

33

**14.4 Packing group**

II

**14.5 Environmental hazards**

-

**14.6 Special precautions for user**Product is to be used **only** diluted to water 1:100. Other use is prohibited.**14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**

-

**SECTION 15: REGULATORY INFORMATION****15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

-

**15.2 Chemical safety assessment**

-

**SECTION 16: OTHER INFORMATION****Changes to previous version**

updated previous version dated 24.5.2012

**Explanation of abbreviations**

-

**Sources of information**

Material safety data sheets of raw materials, literature sources.



**Used method in classification**

Corollary rules. Literature.

**List of R- and S- phrases or / and hazard and safety phrases**

H225: Highly flammable liquid and vapour.

H226: Flammable liquid and vapour.

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.

H336: May cause drowsiness or dizziness.

H400 Very toxic to aquatic life.

H411: Toxic to aquatic life with long lasting effects.

H412: Harmful to aquatic life with long lasting effects.

P273: Avoid release to the environment.

P303+P361+P353: IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

P304+P340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.

P312: Call a POISON CENTER or doctor/physician if you feel unwell.

P333+P313: If skin irritation or a rash occurs: Get medical advice/attention.

P337+P313 If eye irritation persists get medical advice/attention.

P403+P233: Store in a well ventilated place. Keep container tightly closed.

P501: Dispose of contents/container according to local legislation.

R10 Flammable.

R11 Highly flammable.

R36 Irritating to eyes.

R38 Irritating to skin.

R43 May cause sensitisation by skin contact.

R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment

R65 Harmful: may cause lung damage if swallowed.

R67 Vapours may cause drowsiness and dizziness.

**Training of employees.**

-

Date: 30.5.2012

Former date: 24.5.2012

**SECTION 1: IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING****1.1 Product identifier**

Trade name Saunia Sauna scent Smoke sauna  
Company product code -  
REACH registration number -

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

The uses of the chemical Sauna scent  
Classification of economic activities 20.5 C 3 Manufacture of other chemical products  
Use categories (UC62) 36 Fragrances  
The chemical can be used by the general public ☐  
The chemical is used by the general public only X

**1.3 Details of the supplier of the safety data sheet****Manufacturer, importer, other undertaking**

Manufactured for: Nikkarien OY

Street address Sarkatie 2  
Post code and post office 01720 Vantaa  
Post-office box  
Post code and post office  
Telephone +358 9 477 0150  
e-mail address info@nikkarien.fi  
Finnish Business ID (Y-code) FI05731312

**1.4 Emergency telephone number**

Poison Information Centre: Haartmaninkatu 4, 00290 Helsinki, 09-4711 or 09-471977

**SECTION 2: HAZARDS IDENTIFICATION****2.1 Classification of the substance or mixture**

Flam. liq. 2; H225: Highly flammable liquid and vapour.  
Eye Irrit. 2; H319: Causes serious eye irritation.  
STOT SE 3; H336: May cause drowsiness or dizziness.

F, Xi; R10, R36, R67

**2.2 Label elements****DANGER**

H225: Highly flammable liquid and vapour.  
H319: Causes serious eye irritation.  
H336: May cause drowsiness or dizziness.

P210: Keep away from heat/sparks/open flames/hot surfaces – No smoking.  
P233: Keep container tightly closed.  
P403+P235: Store in a well ventilated place. Keep cool.  
P280: Wear protective gloves/protective clothing/eye protection/face protection.  
P303 + P361 + P353: IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing.  
Rinse skin with water/shower.  
P362: Take off contaminated clothing and wash before reuse.

Trade name: Saunia Sauna scent Smoke sauna

Date: 30.5.2012

Former date: Virhe. Viitteen lähde ei löytynyt.

P305 + P351 + P338: IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.

## 2.3 Other hazards

-

## SECTION 3 : COMPOSITION / INFORMATION ON INGREDIENTS

### 3.1 Hazardous ingredients

CAS/EC number and the registration number	Name of the ingredient	Concentration	Classification
CAS: 67-63-0	Isopropanol	50-65%	F; R11-36-67 Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336
8030-97-5 / 232-450-0	Pyroligneous acid	<5%%	-

## SECTION 4: FIRST AID MEASURES

### 4.1 Description of first aid measures

In case of inhalation: take the patient to fresh air.  
Wash off from skin with plenty of water and soap. Take off soiled clothing.  
Rinse immediately from eyes with plenty of water and take the patient to the doctor's.  
In case of ingestion: Drink water, but remember NOT TO GIVE ANYTHING TO DRINK TO A UNCONSCIOUS PERSON. DO NOT INDUCE VOMITING. Contact a physician or poison information centre.

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

-

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

-

## SECTION 5: FIREFIGHTING MEASURES

### 5.1 Extinguishing media

Powder, foam or carbon dioxide.

### 5.2 Special hazards arising from the substance or mixture

-

### 5.3 Advice for firefighters

-

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### 6.1 Personal precautions, protective equipment and emergency procedures

Use appropriate protective clothing. Arrange for adequate ventilation. Keep away from heat/sparks/open flames/hot surfaces – No smoking.

### 6.2 Environmental precautions

Prevent significant amounts accessing to the drain.

### 6.3 Methods and material for containment and cleaning up

Absorb to adequate material (sand etc.) and dispose according to the local legislation.

### 6.4 Reference to other sections

-

## SECTION 7: HANDLING AND STORAGE

### 7.1 Precautions for safe handling

Use protective clothing, protective gloves and goggles. Arrange adequate ventilation. Keep away from heat/sparks/open flames/hot surfaces – No smoking. Take precautionary measures against static discharges.

### 7.2 Conditions for safe storage, including any incompatibilities

Tightly closed in cool, well ventilated room.

### 7.3 Specific end use(s)

-

**SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION****8.1 Control parameters****National occupational exposure limit values**

Isopropanol 200 ppm (8h), 250 ppm (15 min)

**Other limit values**

-

DNEL

-

PNEC

-

**8.2 Exposure controls****Appropriate engineering controls**

Arrange adequate ventilation.

**Eye / face protection**

Wear appropriate protective goggles or mask if risk of splashes exist.

**Skin protection**

Protective clothing.

**Hand protection**

Material of protective gloves: PVA, nitrile or viton rubber.

**Respiratory protection**

-

**Thermal hazards**

-

**Environmental exposure controls**

-

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES****9.1 Information on basic physical and chemical properties**

<b>Appearance</b>	Liquid
<b>Odour</b>	Characteristic
<b>Odour threshold</b>	-
<b>pH</b>	-
<b>Melting point / freezing point</b>	-
<b>Initial boiling point and boiling range</b>	82-83°C (Isopropanol)
<b>Flash point</b>	13 °C (Isopropanol)
<b>Evaporation rate</b>	-
<b>Flammability (solid, gas)</b>	-
<b>Upper / lower flammability or explosive limits</b>	-
<b>Vapour pressure</b>	-
<b>Vapour density</b>	-
<b>Relative density</b>	-
<b>Solubility(ies)</b>	Isopropanol-water mixture dissolve perfectly in water, oil separates to surface. Oil and isopropanol dissolve in fat phase perfectly, water separates.
<b>Partition coefficient: n-octanol/water</b>	-
<b>Auto-ignition temperature</b>	-

Trade name: Saunia Sauna scent Smoke sauna

Date: 30.5.2012

Former date: Virhe. Viitteen lähdettä ei löytynyt.

Decomposition temperature	-
Viscosity	-
Explosive properties	-
Oxidising properties	-

**9.2 Other information**

-

**SECTION 10: STABILITY AND REACTIVITY**

**10.1 Reactivity**

-

**10.2 Chemical stability**

Stable under normal handling conditions.

**10.3 Possibility of hazardous reactions**

-

**10.4 Conditions to avoid**

-

**10.5 Incompatible materials**

-

**10.6 Hazardous decomposition products**

-

**SECTION 11: TOXICOLOGICAL INFORMATION**

**11.1 Information on toxicological effects**

**Acute toxicity**

-

**Skin corrosion / irritation**

-

**Serious eye damage / irritation**

Irritates eyes seriously.

**Respiratory or skin sensitisation**

-

**Germ cell mutagenicity**

No mutagenic effects.

**Carcinogenicity**

No carcinogenic effects.

**Reproductive toxicity**

No effects.

**STOT-single exposure**

-

**STOT-repeated exposure**

-

**Aspiration hazard**

-

**Other information**

-

**SECTION 12: ECOLOGICAL INFORMATION**

**12.1 Toxicity**

-

**12.2 Persistence and degradability**

-
<b>12.3 Bioaccumulative potential</b>
-
<b>12.4 Mobility in soil</b>
-
<b>12.5 Results of PBT and vPvB assessment</b>
-
<b>12.6 Other adverse effects</b>
-
<b>SECTION 13: DISPOSAL CONSIDERATIONS</b>
<b>13.1 Waste treatment methods</b>
Dispose according to local legislation.
<b>SECTION 14: TRANSPORT INFORMATION</b>
<b>14.1 UN number</b>
1219
<b>14.2 UN proper shipping name</b>
Isopropyl alcohol
<b>14.3 Transport hazard class(es)</b>
33
<b>14.4 Packing group</b>
II
<b>14.5 Environmental hazards</b>
-
<b>14.6 Special precautions for user</b>
Product is to be used <b>only</b> diluted to water 1:100. Other use is prohibited.
<b>14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</b>
-
<b>SECTION 15: REGULATORY INFORMATION</b>
<b>15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture</b>
-
<b>15.2 Chemical safety assessment</b>
-

**SECTION 16: OTHER INFORMATION****Changes to previous version**

updated previous version dated 24.5.2012

**Explanation of abbreviations**

-

**Sources of information**

Material safety data sheets of raw materials, literature sources.

**Used method in classification**

Corollary rules. Literature.

**List of R- and S- phrases or / and hazard and safety phrases**

H225: Highly flammable liquid and vapour.

H319: Causes serious eye irritation.

H336: May cause drowsiness or dizziness.

P210: Keep away from heat/sparks/open flames/hot surfaces – No smoking.

P233: Keep container tightly closed.

P403+P235: Store in a well ventilated place. Keep cool.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P303 + P361 + P353: IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

P362: Take off contaminated clothing and wash before reuse.

**Trade name: Saunia Sauna scent Smoke sauna**

**Date: 30.5.2012**

**Former date: Virhe. Viitteen lähdettä ei löytynyt.**

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P305 + P351 + P338: IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.

R10 Flammable.

R11 Highly flammable.

R36 Irritating to eyes.

R67 Vapours may cause drowsiness and dizziness.

**Training of employees.**

-

Date: 7.1.2021

Former date: 30.5.2012

**SECTION 1: IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING****1.1 Product identifier**

Trade name Saunia Saunaclean  
Company product code -  
REACH registration number -

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

The uses of the chemical Detergent  
Classification of economic activities 20.5 C 3 Manufacture of other chemical products  
Use categories (UC62) 9 Washing- and cleaning detergents  
The chemical can be used by the general public ☐  
The chemical is used by the general public only X

**1.3 Details of the supplier of the safety data sheet****Manufacturer, importer, other undertaking**

Manufactured for: Nikkarien OY

Street address Sarkatie 2  
Post code and post office 01720 Vantaa  
Post-office box  
Post code and post office  
Telephone +358 9 477 0150  
e-mail address info@nikkarien.fi  
Finnish Business ID (Y-code) FI05731312

**1.4 Emergency telephone number**

Poison Information Centre: Haartmaninkatu 4, 00290 Helsinki, 09-4711 or 09-471977

**SECTION 2: HAZARDS IDENTIFICATION****2.1 Classification of the substance or mixture**

Not classified according to CLP.

**2.2 Label elements**

-

**2.3 Other hazards**

-

**SECTION 3 : COMPOSITION / INFORMATION ON INGREDIENTS****3.1 Hazardous ingredients**

CAS/EC number and the registration number	Name of the ingredient	Concentration	Classification
CAS: 112-34-5	Butyl diglycol	<2%	Eye irrit. 2; H319

**SECTION 4: FIRST AID MEASURES****4.1 Description of first aid measures**

Rinse immediately from eyes with plenty of water for at least 15 minutes.  
Wash off from skin with plenty of water and soap. Take off soiled clothing.



**Trade name:** Virhe. Viitteen lähdettä ei löytynyt. **Saunia Saunaclean**

**Date:** Virhe. Viitteen lähdettä ei löytynyt. **7.1.2021**  
**lähdettä ei löytynyt. 30.5.2012**

**Former date:** Virhe. Viitteen

<b>4.2</b>	<b>Most important symptoms and effects, both acute and delayed</b>
-	
<b>4.3</b>	<b>Indication of any immediate medical attention and special treatment needed</b>
-	
<b>SECTION 5: FIREFIGHTING MEASURES</b>	
<b>5.1</b>	<b>Extinguishing media</b>
	Powder, foam or carbon dioxide.
<b>5.2</b>	<b>Special hazards arising from the substance or mixture</b>
-	
<b>5.3</b>	<b>Advice for firefighters</b>
-	
<b>SECTION 6: ACCIDENTAL RELEASE MEASURES</b>	
<b>6.1</b>	<b>Personal precautions, protective equipment and emergency procedures</b>
	Use appropriate protective clothing: goggles and protective gloves.
<b>6.2</b>	<b>Environmental precautions</b>
-	
<b>6.3</b>	<b>Methods and material for containment and cleaning up</b>
	Rinse to the drain with plenty of water.
<b>6.4</b>	<b>Reference to other sections</b>
-	
<b>SECTION 7: HANDLING AND STORAGE</b>	
<b>7.1</b>	<b>Precautions for safe handling</b>
	Use protective clothing, protective gloves and goggles.
<b>7.2</b>	<b>Conditions for safe storage, including any incompatibilities</b>
	No special storage conditions.
<b>7.3</b>	<b>Specific end use(s)</b>
-	
<b>SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION</b>	
<b>8.1</b>	<b>Control parameters</b>
	National occupational exposure limit values
-	
	Other limit values
-	
	DNEL
-	
	PNEC
-	
<b>8.2</b>	<b>Exposure controls</b>
	Appropriate engineering controls
	No special controls needed.
	<b>Eye / face protection</b>
	Wear appropriate protective goggles or mask if risk of splashes exist.
	<b>Skin protection</b>
-	
	<b>Hand protection</b>
	Material of protective gloves: PVA, nitrile or viton rubber.
	<b>Respiratory protection</b>
-	
	<b>Thermal hazards</b>
-	
	<b>Environmental exposure controls</b>
-	

**Trade name:** Virhe. Viitteen lähdettä ei löytynyt. **Saunia Saunaclean**

**Date:** Virhe. Viitteen lähdettä ei löytynyt. **7.1.2021**  
**lähdettä ei löytynyt. 30.5.2012**

**Former date:** Virhe. Viitteen

## **SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

### **9.1 Information on basic physical and chemical properties**

<b>Appearance</b>	Almost colourless liquid
<b>Odour</b>	Almost odourless.
<b>Odour threshold</b>	Not defined
<b>pH</b>	Concentrate: approximately 7,5.
<b>Melting point / freezing point</b>	Not defined.
<b>Initial boiling point and boiling range</b>	Approximately 100°C.
<b>Flash point</b>	Not defined.
<b>Evaporation rate</b>	-
<b>Flammability (solid, gas)</b>	-
<b>Upper / lower flammability or explosive limits</b>	-
<b>Vapour pressure</b>	-
<b>Vapour density</b>	-
<b>Relative density</b>	1000 kg/m <sup>3</sup> (15°C)
<b>Solubility(ies)</b>	Totally soluble in water.
<b>Partition coefficient: n-octanol/water</b>	Not defined.
<b>Auto-ignition temperature</b>	Not defined.
<b>Decomposition temperature</b>	Not defined.
<b>Viscosity</b>	Not defined.
<b>Explosive properties</b>	No explosion hazard.
<b>Oxidising properties</b>	-

### **9.2 Other information**

-

## **SECTION 10: STABILITY AND REACTIVITY**

### **10.1 Reactivity**

-

### **10.2 Chemical stability**

Stabile under normal handling conditions.

### **10.3 Possibility of hazardous reactions**

-

### **10.4 Conditions to avoid**

-

### **10.5 Incompatible materials**

-

### **10.6 Hazardous decomposition products**

-

## **SECTION 11: TOXICOLOGICAL INFORMATION**

### **11.1 Information on toxicological effects**

**Acute toxicity**

**Trade name:** Virhe. Viitteen lähdettä ei löytynyt. **Saunia Saunaclean**

**Date:** Virhe. Viitteen lähdettä ei löytynyt. **7.1.2021**  
**lähdettä ei löytynyt. 30.5.2012**

**Former date:** Virhe. Viitteen

-  
**Skin corrosion / irritation**  
Not irritation.  
**Serious eye damage / irritation**  
No irritation.  
**Respiratory or skin sensitisation**  
Not sensitisative.  
**Germ cell mutagenicity**  
No mutagenic effects.  
**Carcinogenicity**  
No carsinogenic effects.  
**Reproductive toxicity**  
No effects.  
**STOT-single exposure**  
-  
**STOT-repeated exposure**  
-  
**Aspiration hazard**  
No aspiration hazard.  
**Other information**  
No need to classify according to CLP.

SECTION 12: ECOLOGICAL INFORMATION	
12.1	<b>Toxicity</b> Not toxic.
12.2	<b>Persistence and degradability</b> -
12.3	<b>Bioaccumulative potential</b> -
12.4	<b>Mobility in soil</b> No information available.
12.5	<b>Results of PBT and vPvB assessment</b> -
12.6	<b>Other adverse effects</b> -
SECTION 13: DISPOSAL CONSIDERATIONS	
13.1	<b>Waste treatment methods</b> Dispose according to local legislation.
SECTION 14: TRANSPORT INFORMATION	
14.1	<b>UN number</b> -
14.2	<b>UN proper shipping name</b> Detergent concentrate.
14.3	<b>Transport hazard class(es)</b> -
14.4	<b>Packing group</b> -
14.5	<b>Environmental hazards</b> -
14.6	<b>Special precautions for user</b> -
14.7	<b>Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</b> -

**Trade name:** Virhe. Viitteen lähdettä ei löytynyt. **Saunia Saunaclean**

**Date:** Virhe. Viitteen lähdettä ei löytynyt. **7.1.2021**  
**lähdettä ei löytynyt. 30.5.2012**

**Former date:** Virhe. Viitteen

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**SECTION 15: REGULATORY INFORMATION**

<b>15.1</b>	<b>Safety, health and environmental regulations/legislation specific for the substance or mixture</b>
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<b>15.2</b>	<b>Chemical safety assessment</b>
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**SECTION 16: OTHER INFORMATION****Changes to previous version**

Old classifications removed.

**Explanation of abbreviations**

-

**Sources of information**

Material safety data sheets of raw materials, literature sources.

**Used method in classification**

Corollary rules. Literature.

**Training of employees.**

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