

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

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 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**

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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

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## 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: 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

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

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## SECTION 5: FIREFIGHTING MEASURES

### 5.1 Extinguishing media

Powder, foam, sand or carbon dioxide.

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

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### 5.3 Advice for firefighters

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## 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

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## SECTION 7: HANDLING AND STORAGE

### 7.1 Precautions for safe handling

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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)**

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**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**

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**DNEL**

-

**PNEC**

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**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**

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**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>	-

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<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

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## SECTION 10: STABILITY AND REACTIVITY

### 10.1 Reactivity

-

### 10.2 Chemical stability

Stabile under normal handling conditions.

### 10.3 Possibility of hazardous reactions

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### 10.4 Conditions to avoid

-

### 10.5 Incompatible materials

-

### 10.6 Hazardous decomposition products

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## 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

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#### Aspiration hazard

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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 <b>only</b> 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
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#### SECTION 16: OTHER INFORMATION

##### Changes to previous version

updated previous version dated 24.5.2012

##### Explanation of abbreviations

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##### 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.

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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.**

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