

HARVIA SAUNA AROMA

Date 4.4.2007

Previous date: 10.2.2005

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING**1.1 Identification of the article****1.1.1 Commercial Product Name**

HARVIA SAUNA AROMA

1.2 Use of the Substance/Preparation**1.2.1 Expressed in writing**

Saunaparfym

1.3 Identification of the substance/preparation and the company/undertaking**1.3.1 Supplier**

HARVIA

1.3.2 Contact information:**P.O.Box**

Box 12

Postcode and post office

40951 MUURAME

FINLAND

Telephone

+358 (0) 207 464 000

Email

harvia@harvia.fi

2. COMPOSITION/INFORMATION ON INGREDIENTS**2.1 Hazardous components****2.1.1****CAS number
or other code**

64-17-5

2.1.2**Chemical name of the substance**

Ethanol

2.1.3**Concentration**

1-5 %

2.1.4**Classification**

F; R11

2.1.7 Further information

For the full text of the R phrases mentioned in this Section, see Section 16.

3. HAZARDS IDENTIFICATION

The product is not classified as a dangerous.

4. FIRST AID MEASURES**4.2 Inhalation**

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4.3 Skin contact

Rinse with water.

4.4 Eye contact

Rinse immediately with plenty of water, also under the eyelids.

4.5 Ingestion

Rinse mouth.

If symptoms persist, call a physician.

5. FIRE-FIGHTING MEASURES**5.1 Suitable extinguishing media**

Any

5.5 Specific methods

Contains a small quantity of solvent, but does not support combustion.

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6. ACCIDENTAL RELEASE MEASURES**6.2 Environmental precautions**

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6.3 Methods for cleaning up

Flush with water.

7. HANDLING AND STORAGE**7.1 Handling**

Keep tightly closed in a dry and cool place.

7.2 Storage

Store at room temperature in the original container.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION**8.1 Exposure Limit Values****8.1.1 HTP values**

64-17-5	Ethanol	1000 ppm (8 h)	1300 ppm (15 min)
		1900 mg/m ³ (8 h)	2500 mg/m ³ (15 min)

8.1.2 Other information on limit values

Exposure limit 8.1.1 is value in Finland.

8.2 Exposure controls**8.2.1 Occupational exposure controls**

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8.2.1.2 Hand protectionRubber or plastic gloves.
Protective gloves complying with EN 374.**8.2.1.3 Eye protection**

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9. PHYSICAL AND CHEMICAL PROPERTIES**9.1 General Information (appearance, odour)**

liquid, white, scented

9.2 Important Health Safety and Environmental Information**9.2.2 Boiling point/range** about 100 °C (water)**9.2.8 Relative density** 0,990 kg/m³**9.2.9 Solubility****9.2.9.1 Water solubility** soluble**10. STABILITY AND REACTIVITY****10.1 Conditions to avoid**

Stable under normal conditions. Stable unopened in 10-25 °C protected from light in original package for 5 years from manufacturing.

10.2 Materials to avoid

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10.3 Hazardous decomposition products

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11. TOXICOLOGICAL INFORMATION

- 11.1 Acute toxicity**
CAS 64-17-5 Ethanol: LD₅₀ = 7060 mg/kg, orally, rat
- 11.2 Primary irritation**
Prolonged skin contact may cause skin irritation.
- 11.3 Sensitisation**
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- 11.4 Subacute, subchronic and prolonged toxicity**
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- 11.5 Human experience**
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- 11.6 Other information of acute toxicity**
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12. ECOLOGICAL INFORMATION

- 12.1 Ecotoxicity**
- 12.1.1 Aquatic toxicity**
CAS 64-17-5 Ethanol : LC₅₀ = 14200 mg/l / 96 h / fish , LC₅₀ = 3700 - 6800 mg/l / 48 h / Daphnia magna (Water flea) = Chemical is not poisonous.
- 12.1.2 Toxicity to other organisms**
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- 12.2 Mobility**
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- 12.3 Persistence and degradability**
- 12.3.1 Biodegradation**
CAS 64-17-5 Ethanol : BOD₅/COD = 0,5 = Readily biodegradable.
- 12.3.2 Chemical degradation**
CAS 64-17-5 Ethanol : hydrolytically stabile
- 12.4 Bioaccumulative potential**
CAS 64-17-5 Ethanol : log K_{ow} -0,3 = Chemical is not bioaccumulative.
- 12.5 Other adverse effects**
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13. DISPOSAL CONSIDERATIONS

Small amounts; Flush into sewer with plenty of water. Larger quantities will be disposed in accordance with the appropriate legislation.

14. TRANSPORT INFORMATION

- 14.1 UN-No** Not classified as dangerous in the meaning of transport regulations.
- 14.3 Land transport**
- 14.3.4 Further Information** Protect from freezing.
- 14.4 Sea transport**
- 14.4.3 Further Information** Protect from freezing.
- 14.5 Air transport**
- 14.5.3 Further Information** Protect from freezing.

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15. REGULATORY INFORMATION**15.1 Information on the warning label****15.1.1 Letter code of the warning symbol and indications of danger for the preparation**

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15.1.3 R phrase(s)

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15.1.4 S phrase(s)

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15.1.5 Special regulations on certain preparations

Symbol(s): not require:

Further information to retail packings: Keep away from children.

16. OTHER INFORMATION**16.1 List of the relevant R phrases**

R11 Highly flammable.

16.5 Literary reference

Laws, information from the manufacture of the raw materials and Sax's "Dangerous Properties of Industrial Materials."

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication.

Signature

Sirpa Koukkula