

HARVIA EUCALYPTUS FRAGRANCE FOR STEAM ROOM

Date 29.10.2007

Previous date: -

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

HARVIA EUCALYPTUS FRAGRANCE FOR STEAM ROOM

1.1.2 Product code

T8523

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

Fragrance for steam room

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. HAZARDS IDENTIFICATION

The product is not classified as a dangerous.

3. COMPOSITION/INFORMATION ON INGREDIENTS**3.1 Hazardous components**

3.1.1 CAS/EINECS and reg. number	3.1.2 Chemical name of the substance	3.1.3 Concentration	3.1.4 Classification
64-17-5	Ethanol	1-5 %	F; R11

3.1.7 Further information

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

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 the mouth out with clean water. Consult a physician.

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

All extinguishing substances are suitable.

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**
Prevent entry into the sewer system large quantities.
- 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. Avoid contact with eyes.
- 7.2 Storage**
Store at room temperature in the original container.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

- 8.1 Exposure Limit Values**
- 8.1.1 Threshold limits**
- | | | | |
|---------|---------|------------------------------|---------------------------------|
| 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 protection**
Rubber or plastic gloves Protective gloves complying with EN 374.
- 8.2.1.3 Eye protection**
If necessary, protect eyes from the splashes with safety glasses.

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/dm³
- 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
- 11.3 Sensitisation**
Repeated contact with the skin may cause allergy.
- 11.4 Subacute, subchronic and prolonged toxicity**
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- 11.5 Human experience**
If you handle liquid, which are diluted according to instructions, disadvantages are minor.
- 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 (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 = Decomposes easily biologically.
- 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.
- 12.6 Other adverse effects**
The product is not classified hazardous to the environment

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.

15. REGULATORY INFORMATION

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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

Further information to retail packings: Keep out of the reach of children.

16. OTHER INFORMATION**16.1 Full text of R-phrases referred to under sections 2 and 3**

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. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

Signature

Siru Rohola