

DERMADES Skin antiseptic coloured

Date 18.6.2009

Previous date: 1.1.2006

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

DERMADES Skin antiseptic coloured

1.1.2 Product code

8049

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

Skin Antiseptic coloured

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

Farmos Oy

1.3.2 Contact information**Street address**

Tengströminkatu 6

Postcode and post office

FIN-20360 TURKU

FINLAND

P.O.Box

P.O. BOX 157

Postcode and post office

FI-20101 TURKU

FINLAND

Telephone

+358 204 877 110

Telefax

+358 204 877 720

1.4 Emergency telephone number**1.4.1 Telephone number, name and address**

HUS / Poison Information Centre BOX 340, FIN-00029 HUS, Finland

+ 358 - 9 - 4711, direct + 358 - 9 - 471 977

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

64-17-5

112-02-7

2.1.2**Chemical name of the substance**

ethanol

hexadecyl trimethyl ammonium
chloride**2.1.3****Concentration**

75 w-%

0.125%

2.1.4**Classification**

F; R11

Xn; R22-38-41-50/53

3. HAZARDS IDENTIFICATION

Highly flammable. F;R11

4. FIRST AID MEASURES**4.1 Additional advice**

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4.2 Inhalation

Move to fresh air.

4.3 Skin contact

Wash off with plenty of water.

4.4 Eye contact

In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

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- 4.5 Ingestion**
Consult a physician.

5. FIRE-FIGHTING MEASURES

- 5.1 Suitable extinguishing media**
foam, carbon dioxide (CO₂) ja dry powder.

6. ACCIDENTAL RELEASE MEASURES

- 6.1 Personal precautions**
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- 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 away from sources of ignition - No smoking.
- 7.2 Storage**
Keep tightly closed.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

- 8.1 Exposure Limit Values**
- 8.1.1 HTP values**
- | | | |
|---------|------------------------------|---------------------------------|
| ethanol | 1000 ppm (8 h) | 1250 ppm (15 min) |
| | 1900 mg/m ³ (8 h) | 2500 mg/m ³ (15 min) |

9. PHYSICAL AND CHEMICAL PROPERTIES

- 9.1 General Information (appearance, odour)**
Brownish liquid, odour ethanolic
- 9.2 Important Health Safety and Environmental Information**
- 9.2.1 pH** 6
- 9.2.2 Boiling point/range** +78 °C (ethanol)
- 9.2.3 Flash point** 19 °C
- 9.2.5 Explosive properties**
- 9.2.5.1 Lower explosion limit** 3,3 til-% (ethanol)
- 9.2.5.2 Upper explosion limit** 19 til-% (ethanol)
- 9.2.7 Vapour pressure** 5,9 kPa (+20 °C)
- 9.2.8 Relative density** 860 kg/m³
- 9.2.9 Solubility**
- 9.2.9.1 Water solubility** totally soluble
- 9.2.9.2 Fat solubility (solvent - oil to be specified)** totally soluble
- 9.2.10 Partition coefficient (n-octanol/water)** -

10. STABILITY AND REACTIVITY

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- 10.1 Conditions to avoid**
Avoid temperatures above 25°C

11. TOXICOLOGICAL INFORMATION

- 11.1 Acute toxicity**
Ethanol:
LC50/inhalation/ LC50/inhalation/ h/rat =20 000 cm³/m³
LD50/oral/rat =>10 000 mg/kg
- 11.5 Human experience**
Ethanol contents over 1000 ppm may cause headache.

12. ECOLOGICAL INFORMATION

- 12.1 Ecotoxicity**
- 12.1.1 Aquatic toxicity**
LC50/48h/daphnia = 3 700-6 800 mg/l
LC50/96h/goldfish =14 200 mg/l
- 12.2 Mobility**
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- 12.3 Persistence and degradability**
- 12.3.1 Biodegradation**
Readily biodegradable.
- 12.4 Bioaccumulative potential**
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13. DISPOSAL CONSIDERATIONS

Small amounts should be diluted with plenty of water. Larger amounts to be spared. Empty rinsed containers and cans may be re-used as material or as energy.

14. TRANSPORT INFORMATION

- | | |
|----------------------------------------|-------------------------|
| 14.1 UN-No | UN1170 |
| 14.2 Packaging group | II |
| 14.3 Land transport | |
| 14.3.1 Class | 3,II |
| 14.3.2 Risk No. | 33 |
| 14.3.3 Description of the goods | ETHANOL |
| 14.3.4 Further Information | K15,8049 |
| 14.4 Sea transport | |
| 14.4.1 IMDG | IMO 3 |
| 14.4.2 Proper shipping name | ETHANOL (ETHYL ALCOHOL) |
| Packaging group | PG II |
| IMO-Labels | Flammable 3 |
| 14.4.3 Further Information | EmS: 3-06 |

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**
F Highly flammable

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15.1.2 Names of the ingredients given on the warning label

ethanol

15.1.3 R phrase(s)

R11 Highly flammable.

15.1.4 S phrase(s)

S7 Keep container tightly closed.

S16 Keep away from sources of ignition - No smoking.

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

R11 Highly flammable.

R22 Harmful if swallowed.

R38 Irritating to skin.

R41 Risk of serious damage to eyes.

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

16.4 Additional information available from:

Registered office and domicile: Farnos Oy., Lasikuja 2, FI-02780 ESPOO

16.5 Literary reference

Exposure values 2005, Material safety data sheets of raw materials., Social and health ministry: List of dangerous goods 509/2005

16.6 Additions, Deletions, Revisions

The registered company has been changed.