

ERISAN DES

Date 22.3.2007

Previous date: 6.4.2006

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

ERISAN DES

1.1.2 Product code

8126,8127

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

Desinfectant

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

Farnos 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

2. COMPOSITION/INFORMATION ON INGREDIENTS**2.1 Hazardous components**

2.1.1 CAS number or other code	2.1.2 Chemical name of the substance	2.1.3 Concentration	2.1.4 Classification
7173-51-5	Didecyldimethyl ammonium chloride	5 - 15 %	C, R22-34
2372-82-9	N,N-bis(3-aminopropyl)-dodecylamine	< 5 %	C,N,R22-35-50
122-99-6	2-Phenoxyethanol	5 - 15 %	Xn; R22-36
	Alkylpolyglycol ether	<5%	Xi, R41-52/53

3. HAZARDS IDENTIFICATION

Causes burns. Harmful if swallowed.
C,R22-34

4. FIRST AID MEASURES**4.2 Inhalation**

In the case of inhalation of aerosol/mist consult a physician if necessary

4.3 Skin contact

Wash off immediately with plenty of water.

4.4 Eye contact

Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

4.5 Ingestion

Call a physician immediately.

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5. FIRE-FIGHTING MEASURES**6. ACCIDENTAL RELEASE MEASURES**

- 6.1 Personal precautions**
Evacuate personnel to safe areas.
- 6.2 Environmental precautions**
Soak up with inert absorbent material and dispose of as hazardous waste.
- 6.3 Methods for cleaning up**
Flush with plenty of water.

7. HANDLING AND STORAGE

- 7.1 Handling**
Be careful and keep containers tightly closed after use.
- 7.2 Storage**
Keep tightly closed. Warm/cool storage.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

- 8.2 Exposure controls**
- 8.2.1 Occupational exposure controls**
- 8.2.1.1 Respiratory protection**
Breathing apparatus needed only when aerosol or mist is formed.
- 8.2.1.2 Hand protection**
rubber or plastic gloves Käytä kumisia- tai muovisia suojakäsineitä.
- 8.2.1.3 Eye protection**
Protective glasses if splashes occur.
- 8.2.1.4 Skin and body protection**
Remove and wash contaminated clothing before re-use.
- 8.2.2 Environmental exposure controls**
Do not release to environment.

9. PHYSICAL AND CHEMICAL PROPERTIES

- 9.1 General Information (appearance, odour)**
Clear liquid.
- 9.2 Important Health Safety and Environmental Information**
- 9.2.1 pH** 11
- 9.2.2 Boiling point/range** 100 C (water)
- 9.2.8 Relative density** 996 g/l 20 C
- 9.2.9 Solubility**
- 9.2.9.1 Water solubility** Good

10. STABILITY AND REACTIVITY

- 10.1 Conditions to avoid**
Do not freeze.

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11. TOXICOLOGICAL INFORMATION

- 11.2 Primary irritation**
Causes burns.

12. ECOLOGICAL INFORMATION

- 12.1 Ecotoxicity**
- 12.1.1 Aquatic toxicity**
Harmful
- 12.1.2 Toxicity to other organisms**
Harmful
- 12.2 Mobility**
With water.
- 12.3 Persistence and degradability**
- 12.3.1 Biodegradation**
> 80 % OECD

13. DISPOSAL CONSIDERATIONS

In accordance with local and national regulations

14. TRANSPORT INFORMATION

- | | |
|--|---|
| 14.1 UN-No | UN1760 |
| 14.2 Packaging group | III |
| 14.3 Land transport | |
| 14.3.1 Class | 8,III |
| 14.3.2 Risk No. | 80 |
| 14.3.3 Description of the goods | SYÖVYTTÄVÄ NESTE N.O.S.,
DIDEKYLLIMETYYLIAMMONIUMKLORIDI |
| 14.3.4 Further Information | K22 |
| 14.4 Sea transport | |
| 14.4.1 IMDG | IMO 8 |
| 14.4.2 Proper shipping name | UN1760 CORROSIVE LIQUID, N.O.S.,
(didecylmethylammoniumchloride) |
| Packaging group | PG III |
| Marine pollutant | - |
| IMO-Labels | Corrosive 8 |
| 14.4.3 Further Information | EmS: 8-15 |

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**
C Corrosive
- 15.1.2 Names of the ingredients given on the warning label**
Didecylmethyl ammonium chloride
N,N-bis(3-aminopropyl)-dodecylamine

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15.1.3 R phrase(s)

R22 Harmful if swallowed.
R34 Causes burns.

15.1.4 S phrase(s)

S24/25 Avoid contact with skin and eyes.
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S37 Wear suitable gloves.
S45 In case of accident or if you feel unwell, seek medical advice immediately (show label where possible).

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

R22 Harmful if swallowed.
R34 Causes burns.
R35 Causes severe burns.
R36 Irritating to eyes.
R41 Risk of serious damage to eyes.
R50 Very toxic to aquatic organisms.
R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

16.2 Training advice

Read the label.

16.4 Additional information available from:

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

16.5 Literary reference

Chem.leg., Safety data sheets, ADR