

**ERIHYD FORTE**

Date 7.4.2006

Previous date: 15.4.2005

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

ERIHYD FORTE

**1.1.2 Product code**

8129,8174,8184

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

Glutaraldehyde disinfectant

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

Farmos Oy

**1.3.2 Contact information****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**

<b>2.1.1 CAS number or other code</b>	<b>2.1.2 Chemical name of the substance</b>	<b>2.1.3 Concentration</b>	<b>2.1.4 Classification</b>
111-30-8	Glutaraldehyde	2.5 %	T;N, R23/25-34-42/43-50

**3. HAZARDS IDENTIFICATION**

Irritates eyes, skin and respiratory system. May cause sensitization.  
Xn, R20/22-37/38-41-42/43

**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.

**4.6 Information to doctor or other trained persons giving first aid**

Contains glutaraldehyde.

**5. FIRE-FIGHTING MEASURES**

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- 5.3 Specific hazards**  
Glutaraldehyde evaporates when heated. Irritates eyes strongly.
- 5.4 Special protective equipment for firefighters**  
suitable breathing mask Eye protection.

**6. ACCIDENTAL RELEASE MEASURES**

- 6.1 Personal precautions**  
Evacuate personnel to safe areas.
- 6.2 Environmental precautions**  
Do not empty into watercourse or soil
- 6.3 Methods for cleaning up**  
Flush with plenty of water.

**7. HANDLING AND STORAGE**

- 7.1 Handling**  
Be careful and close the containers after use.
- 7.2 Storage**  
Warm/cool storage. In tightly closed original containers.

**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
- 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 into the 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** 6.5
- 9.2.2 Boiling point/range** 100 C (water)
- 9.2.8 Relative density** 1002 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. React with amines and alkalis.

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**11. TOXICOLOGICAL INFORMATION**

- 11.1 Acute toxicity**  
LD50 = 134 mg/kg a rat, by eating (glutaraldehyde), 2560 mg/kg a rabbit via skin
- 11.2 Primary irritation**  
Irritates eyes, skin and respiratory system.
- 11.3 Sensitisation**  
May be sensitizing.
- 11.5 Human experience**  
Fumes may cause head ache and eye irritation.

**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 %
- 12.3.2 Chemical degradation**  
React with alkalies rapidly.

**13. DISPOSAL CONSIDERATIONS**

Dispose in compliance with local and national regulations

**14. TRANSPORT INFORMATION**

- |  |   |
|--|---|
| <b>14.1 UN-No</b>                      | UN1760                                    |
| <b>14.2 Packaging group</b>            | III                                       |
| <b>14.3 Land transport</b>             |   |
| <b>14.3.1 Class</b>                    | 8,III                                     |
| <b>14.3.2 Risk No.</b>                 | 80  |
| <b>14.3.3 Description of the goods</b> | SYÖVYTTÄVÄ NESTE N.O.S., GLUTAARIALDEHYDI |
| <b>14.3.4 Further Information</b>      | K22                                       |
| <b>14.4 Sea transport</b>              |   |
| <b>14.4.1 IMDG</b>                     | IMO 8                                     |
| <b>14.4.2 Proper shipping name</b>     | CORROSIVE LIQUID, N.O.S.,(glutaraldehyde) |
| <b>Packaging group</b>                 | PG III                                    |
| <b>Marine pollutant</b>                | -   |
| <b>IMO-Labels</b>                      | Corrosive 8                               |
| <b>14.4.3 Further Information</b>      | Cefic 80G20                               |

**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**

Xn Harmful

**15.1.2 Names of the ingredients given on the warning label**

Glutaraldehyde

**15.1.3 R phrase(s)**

R20/22 Harmful by inhalation and if swallowed.  
R37/38 Irritating to respiratory system and skin.  
R41 Risk of serious damage to eyes.  
R42/43 May cause sensitization by inhalation and skin contact.

**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.  
S51 Use only in well ventilated areas.

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

R20/22 Harmful by inhalation and if swallowed.  
R37/38 Irritating to respiratory system and skin.  
R41 Risk of serious damage to eyes.  
R42/43 May cause sensitization by inhalation and skin contact.  
R23/25 Toxic by inhalation and if swallowed.  
R34 Causes burns.  
R50 Very toxic to aquatic organisms.

**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**

Safety data sheets, chem.leg.

**16.6 Additions, Deletions, Revisions**

The registered company has been changed.

**Date** 7.4.2006