SAFETY DATA SHEET

according to 91/155/EEC

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

1.1. Product name: ***DENTOSEPT P, Solution for sterilizing water for oral consumption***

1.2. Manufacturer: **METASYS Medizintechnik GmbH**
Florianistrasse 3, A-6063 Rum bei Innsbruck
Tel.: +43-512-20 54 20 0 Fax: +43-512-20 54 20 7
www.metasys.com info@metasys.com

2. COMPOSITION/INFORMATION ON INGREDIENTS

2.1. Chemical characterisation: Preparation from hydrogen peroxide, silver, stabilizers and water.

2.2. Hazardous components:

Chemical expression	CAS-No.	Contents (%)	Symbol	R-phrases
Hydrogen peroxide	772284-1	1.41	C	R34

Identification numbers : EINECS number : 2317650 EU number : 008-003-01-60

3. POTENTIAL HAZARDS

No special hazards known.

4. FIRST AID MEASURES

4.1. General instructions: None.

4.2. Inhalation: Not applicable.

4.3. Skin contact: Wash thoroughly with water.

4.4. Eye contact: In the case of contact with eyes, rinse immediately with plenty of water, including eyelids and beneath them. If irritation persists, take medical advice.

4.5. Ingestion: Not applicable.

5. FIRE-FIGHTING MEASURES

5.1. Suitable extinguishing agents: No special measures necessary.

5.2. Unsuitable extinguishing agents: None known.

5.3. Fire and explosion protection measures: No special measures necessary.

5.4. Necessary special protection gear: None.

5.5. Additional information: None.

6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions: No special measures necessary.

6.2. Environmental precautions: No special measures necessary.

6.3. Suitable cleaning methods: No special measures necessary.

6.4. Additional information: None.

7. HANDLING AND STORAGE

7.1. Handling: No special measures necessary.

7.2. Storage: No special measures necessary.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

8.1. Additional engineering measures: None.

8.2. Specific control parameters: None.

8.3. Personal protective equipment: None.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Appearance:
Form: liquid *Colour:* colourless *Odour:* odourless

9.2. Changes of physical state:
Boiling point/boiling range: approx. 100°C/212°F
Setting point: 0°C/32°F

9.3. Flash point: not applicable

9.4. Ignition point: not applicable

9.5. Danger of explosion: not applicable
Explosion limit: upper*:* - lower*:* -

9.6. Spontaneous combustion: not applicable

9.7. Vapour pressure: approx. 0.02 mbar (20°C/68°F))

9.8. Density: approx. 0.99 g/ml (cm^3) at 20°C/68°F

9.9. Viscosity: not applicable

9.10. Solubility: unlimited solubility

9.11. pH-value: 6.5 (20°C/68°F)

9.12. Further information: none

10. STABILITY AND REACTIVITY

10.1. Conditions to avoid: None if handled correctly.

10.2. Materials to avoid: No known hazardous reactions.

10.3. Hazardous decomposition products: No known hazardous decomposition products.

10.4. Additional information: None.

11. TOXICOLOGICAL INFORMATION

11.1. Acute toxicity: Non-toxic.

11.2. Practical experiences: None.

11.3. Additional information: None.

12. ECOLOGICAL INFORMATION

12.1. Elimination (persistence and degradability):

12.2. Expected environmental behaviour: In ground water and in sewage it is rapidly reduced or decomposed to oxygen and water.

12.3. Aquatic toxicity: In general no water hazard.
Water-endangering class: 0 (self-classification)

12.4. Additional ecological comments: None.

13. DISPOSAL CONSIDERATION

13.1. Product: No special measures necessary Can be added to the sewage gradually.

13.2. Contaminated packaging: Dispose according to local instructions. Hand-over empty containers for local re-use, salvage or waste disposal. Recommended cleaning agent: water, if required in connection with cleansing agents.

14. TRANSPORT INFORMATION

14.1. Land transport: No dangerous goods as defined by the transport regulations.

14.2. Inland waterways: No dangerous goods as defined by the transport regulations.

14.3. Sea transport: No dangerous goods as defined by the transport regulations.

14.4. Air transport: No dangerous goods as defined by the transport regulations.

14.5. Additional information: None.

15. REGULATORY INFORMATION

15.1. Labelling according to EC-regulations: Not subject to the labelling regulations.

S-phrases: S24 Avoid skin contact.
S26 In case of contact with the eyes, rinse immediately with plenty of water and seek medical advice.

15.2. Further regulations: None.

16. ADDITIONAL INFORMATION

All above information is correct in our current state of knowledge. The information relates to the safety data of the product – it does not constitute a guarantee of roperties in the sense of a technical specification.