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1. 1.1. 1.2.	CHEMICAL PRODUCT AND COMPANY IDENTIFICATION Product name: DENTOSEPT PL, Solution for sterilizing water for oral consumption Manufacturer: METASYS Medizintechnik GmbH Florianistrasse 3, A-6063 Rum bei Innsbruck Tel.: +43-512-20 54 20 0 Florianistrasse 3, A-6063 Rum bei Innsbruck Tel.: +43-512-20 54 20 7 www.metasys.com info@metasys.com						
2. 2.1. 2.2.	COMPOSITION/INFORMATION ON INGREDIENTS Chemical characterisation: Preparation from hydrogen peroxide, silver, stabilizers and water. Hazardous components:						
	Chemical expression	CAS-No.	Contents (%)	Symbol	R-phrases		
	Hydrogen peroxide <i>Identification numbers :</i> EINE	772284-1 CS number : 23	0.94 317650 EU nur	C mber : 008-0	R34 03-01-60		
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 iritation persist, take medical advice.						
4.5.	Ingestion: Not applicable.						
5. 5.1.	FIRE-FIGHTING MEASURES 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.						

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- 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: Setting point:	approx. 100°C/212°F 0°C/32°F			
9.3.	Flash point:	not applicable			
9.4.	Ignition point:	not applicable			
9.5.	Danger of explosion: Explosion limit:	not applicable 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)	approx. 0.99 g/ml (cm³) 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.

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- 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.

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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.