

# MATERIAL SAFETY DATA SHEET

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## SECTION I – Product/Company Information

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1.1	Product Trade Name:	<b>Stainless Smile In-Office Dental Whitening System</b>
1.2	Company Name:	Maestro Dental & Cosmetics Pty Ltd
1.3	Company Address:	Factory 2, 18-20 Redland Drive Mitcham Victoria 3132 Australia
1.4	Website address:	www.maestrodental.com.au
1.5	Emergency Telephone Number:	+61 (0)425 789 333
	Information Telephone Number:	+61 (0)3 9874 3993
1.6	Date Prepared:	21/03/05

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## SECTION II – Hazardous Ingredients/Identify Information

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Hazardous Components	w/w	OSHA PEL	ACGIH TLV
Hydrogen Peroxide (CAS 7722-84-1)	38%	NE	NE

For 30% Hydrogen Peroxide Oral LDLo (man) is 1429mg/kg nausea, vomiting, comma.

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## SECTION III – Physical/Chemical Characteristics

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3.1	Boiling Range (°C)	108-115
3.2	Solubility in Water	100%
3.3	Specific Gravity 20°C	1.07-1.24
3.4	Form/Color/Odor	Clear, colorless liquid with a sharp odor.
3.5	Vapor Pressure 20°C	12 mbar*
3.6	Vapor Pressure 50°C	72 mbar*
3.7	Flash Point (°C)	Not Available
3.8	Flammable Limits (%)	Not Available
3.9	Autoignition Temp. (°C)	Not Available
3.10	% Volatile by Volume	Not Available
3.11	Freezing Temp. (°C)	-52 - -33
3.12	Decomposition Point (°C)	Not available
3.13	pH	1-4
3.14	Viscosity 20°C	1170 mPas*
3.15	Evaporation Rate	Not Available

\* As 50% Solution.

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## SECTION IV – Fire and Explosion Hazards

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- 4.1 **Extinguishing Media** - Water spray.
- 4.2 **Special Fire Fighting Procedures/Equipment.**  
Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes. Avoid excess heat and contact with combustible organic substances, acids, bases, corrosives, metal powders etc.
- 4.3 **Unusual Fire and Explosion Hazards.**  
Strong oxidizer. Contact with other materials may cause fire. Container explosion may occur under fire conditions.
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## SECTION V – Reactivity Data

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|-----|---------------------------------------|---------------------------------------|
| 5.1 | General Reactivity                    | Unstable                              |
| 5.2 | Conditions to avoid (stability)       | Heat                                  |
| 5.3 | Incompatibility (materials to avoid)  | Alkalies, heavy metals, combustibles. |
| 5.4 | Hazardous Decomposition or Byproducts | Oxygen and water                      |
| 5.5 | Hazardous Polymerization              | Will not occur.                       |
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## SECTION VI – Health Hazard Data

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|-----|------------------------------------|---|
| 6.1 | Route(s) of entry                  | Inhalation, skin, ingestion.  |
| 6.2 | Health Hazards (acute and chronic) |   |
|     | Eyes:                              | Corrosive to eyes, contact can cause Corneal burns. Contamination of the eyes can cause permanent damage.   |
|     | Skin Contact:                      | Corrosive to skin – may cause skin burns. Contact with skin may result in redness, blister formation and temporary whitening. Persons with pre-existing skin disorders may be more susceptible to the effects of this material. |
|     | Inhalation:                        | Vapour may be irritant to mucous Membranes and respiratory tract. inhalation of mists may produce respiratory irritation.   |
|     | Ingestion:                         | May cause burns to gastrointestinal tract.  |
| 6.3 | Carcinogenicity:                   | NTP. Not listed.<br>IARC monograph: Not listed.<br>OSHA regulated: No.  |

6.4	Long Term Effects:	Severe systemic poisoning may cause headache, dizziness, vomiting, diarrhoea, tremors, numbness, convulsions, pulmonary oedema, unconsciousness and shock.
6.5	Signs of Exposure Symptoms:	Product may irritate the eyes and skin.
6.6	Emergency First Aid Procedures:	
	Eyes:	Immediately irrigate with copious quantities of water for at least 15 minutes. Eyelids to be held open. Remove clothing if contaminated and wash skin. Urgently seek medical assistance.
	Ingestion:	Immediately rinse mouth with water. Give water to drink. Do not induce vomiting. If vomiting occurs give more water. Seek immediate medical advice. Never give anything to an unconscious person.
	Skin:	Flush with flowing water for 15 minutes then wash area with mild soap and water. Seek immediate medical assistance.

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## SECTION VII – Precautions for Safe Handling and Use

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7.1	Accidental Release Measures	Clean up small amounts with wet cloth.
7.2	Waste Disposal Procedures	Dispose of in accordance with local laws
7.3	Precautions to be taken in Handling and Storage:	Store away from food and beverages. Preferred storage is refrigeration. If not available, store in a cool, dry location. Do not store at elevated temperatures ie Above 25° C.
7.4	Other Precautions	Keep out of reach of children.

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## SECTION VIII – Control Measures

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8.1	Respiratory Protection	None required during normal use of this product.
8.2	Ventilation	None required under normal conditions.
8.3	Protective Gloves	Latex gloves.

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**FOR DENTAL USE ONLY**

Use as directed.

The information and recommendations are taken from raw materials MSDS(s) and manufacturer's knowledge believed to be accurate. Maestro Cosmetics International makes no warranty with respect to the accuracy of the information or the suitability of the recommendations and assumes no liability to any used thereof. Each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate.