

**MATERIALSAFETY DATA SHEET: EDTA SOLUTION, 17 %**

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IDENTITY

Trade Name: EDTA 17 %  
Chemical Description: 17 % Ethylenediaminetetraacetic acid in aqueous solution  
Product Use: Dental chelating agent used to debride root canals

SECTION I

Pulpdent Corporation Phone Numbers  
80 Oakland Street 24 Hour Emergency: 1-800-535-5053  
Watertown, MA 02472 USA Customer Service: 1-800-343-4342/1-617-926-6666  
Date Prepared: September 1, 2007

SECTION II - HAZARDOUS INGREDIENTS

Ingredients

None  
DOT HAZARD CLASSIFICATION: Not regulated WHMIS CLASSIFICATION:  
None  
NFPA HMIS RATING: HEALTH: 0 FLAMMABILITY: 0 REACTIVITY: 0

SECTION III - PHYSICAL / CHEMICAL CHARACTERISTICS

Specific gravity: 1.00 Solubility in water: Soluble pH: 7 ± 0.2  
Odor: None Appearance: Clear liquid

SECTION IV - FIRE AND EXPLOSION HAZARD

Flash point: Not applicable Auto-ignition temperature: Not applicable  
Flammable limits: Not applicable  
Hazardous Combustion Products: Ammonia, nitrogen oxides under fire conditions.  
Extinguishing Media: Water fog, alcohol foam, CO<sub>2</sub>, dry chemical  
Special Fire Fighting Procedures: Positive pressure, self-contained breathing apparatus.  
Unusual Fire and Exposure Hazards: none

SECTION V - REACTIVITY DATA

Stability: stable Conditions to avoid: none  
Incompatibility: strong oxidizing agents  
Hazardous Decomposition Products: Ammonia, nitrogen oxides under fire conditions.  
Hazardous Polymerization: Will not occur Conditions to avoid: none

SECTION VI - HEALTH HAZARD DATA

Summary of Acute Hazards: Minimal health hazard under normal conditions of use.

<u>Route of Exposure</u>	<u>Signs and Symptoms</u>
Inhalation	None
Eye contact	May cause transient irritation.
Skin absorption	None
Skin contact	Non-irritating

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Ingestion None expected under normal conditions of use.

*Summary of Chronic Hazards:* None known

Carcinogenicity Not carcinogenic in long term animal studies.

Teratogenicity None known

Mutagenicity None known

Reproductive toxicity None known

*Emergency First Aid Procedures*

Inhalation Not applicable

Eye contact Irrigate immediately with water. Seek medical care for persistent irritation.

Ingestion Large amounts: Induce vomiting only on medical advice.

Skin contact Wash off with running water.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

Handling and Storage Precautions: None needed.

Release or spill: Wear gloves and safety glasses. Pick up with absorbent material, such as paper or cloth towels.

Waste Disposal Method: Follow all government regulations.

Other Precautions: Wash hands after use.

SECTION VIII - CONTROL MEASURES

Respiratory Protection: Not necessary under normal conditions of use.

Ventilation: No special ventilation required under normal conditions of use.

Protective Gloves: Recommended

Eye Protection: Safety glasses are recommended under normal conditions of use.

Other Protective Clothing or Equipment: Emergency eye wash fountain

Work / Hygienic Practices: Wash hands after use.

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