

# EDTA Solution, 17%

## Material Safety Data Sheet

**Trade Name:**

[EDTA, 17 % Solution](#)

**Chemical Description:**

17 % Ethylene diamine tetra acetic acid in aqueous solution.

**Product Use:**

Dental chelating agent used to debride root canals.

**Code:**

EDTA-30, EDTA-60, EDTA-120

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**SECTION I**

**Pulpdent Corporation**

80 Oakland Street  
Watertown, MA 02471-0780 USA

**Phone Numbers:**

24 Hr. Emergency: 1-800-535-5053  
Customer Service: 1-800-343-4342/1-617-926-6666

Date Prepared: October 10, 2003

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**SECTION II - HAZARDOUS INGREDIENTS**

**Ingredients**

**CAS RN**

Ethylene diamine tetra acetic acid

023411-34-9

**DOT HAZARD CLASSIFICATION:** None.

**WHMIS CLASSIFICATION:** None.

**NFPA HMIS RATING:** HEALTH: 0 FLAMMABILITY: 0 REACTIVITY: 0

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**SECTION III - PHYSICAL / CHEMICAL CHARACTERISTICS**

Boiling point: n/a	Specific Gravity: 1.00
Vapor Pressure: n/a	Evaporation Rate: n/a
Vapor Density: n/a	Odor Threshold: n/a
Solubility in water: soluble	Appearance: clear liquid
Odor: Odorless	

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**SECTION IV - FIRE AND EXPLOSION HAZARD DATA**

**Flash Point:** n/a

**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.

**Flammable limits:** None

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**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 .

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### **SECTION VI - HEALTH HAZARD DATA**

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

#### **Route of Exposure**

Inhalation:

Eye Contact:

Skin Absorption:

Skin Contact:

Ingestion:

#### **Signs & Symptoms**

None.

May cause transient irritation.

None.

Non-irritating

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.

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### **SECTION VII - PRECAUTIONS FOR SAFE HANDLING & USE**

**Handling and Storage Precautions:** For small quantities (as in this product): None needed.

**Steps to Be Taken if Material is Released or Spilled:** For small quantities (as in this product), wear gloves and safety glasses. Pick up with absorbent material, such as paper or cloth.

**Waste Disposal Method:** Follow all government regulations.

**Other Precautions:** Wash hands after use.

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### **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:** Chemically impervious gloves are recommended.

**Eye Protection:** Safety glasses are recommended when normal conditions of use are anticipated. Chemical splash goggles should be worn whenever there is a possibility of splashing or contact with eyes.

**Other Protective Clothing or Equipment:** Emergency eye wash fountain.

**Work/Hygienic Practices:** Wash hands after use.

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