

**Material Safety Data Sheet**  
May be used to comply with  
OSHA's Hazard Communication Standard.  
29 CFR 1900, 1200 Standard must be  
consulted for specific requirements.

**U.S. Department of Labor**  
Occupational Safety and Health Administration  
(Non-Mandatory Form)  
Form Approved  
OMB No. 1218-0072

---

**IDENTITY** (As used on label and list)

EDTA Plus

**SECTION I**

**Manufacturer's Name**

Essential Dental Systems, Inc.

**Address (Number, Street, City, State, Zip)**

89 Leuning Street  
South Hackensack, NJ 07606

**Emergency Telephone Number**

**Telephone Number for Information**

(201) 487-9090

**Date Prepared**

March 1, 2009

**SECTION II - Hazardous Ingredients/Identity Information**

Hazardous Components (Specific Chemical Identity)	OSHA PEL	ACGIH TLV	Other Limits Recommended	%
N/A	N/A	N/A	N/A	

**SECTION III -Physical/Chemical Characteristics**

**Boiling Point**

101°C/214°F

**Vapor Pressure (mm Hg)**

16.8

**Vapor Density (AIR =1)**

N/A

**Solubility in Water**

Soluble

**Appearance and Odor**

Orange Liquid

**Specific Gravity (H<sub>2</sub>O = 1)**

1.06

**Melting Point**

-3°C/27°F

**Evaporation Rate (Butyl Acetate = 1)**

N/A

**SECTION IV - Fire and Explosion Hazard Data**

**Flash Point (Method Used)**

N/A

**Flammable Limits**

N/A

**LEL**

N/A

**UEL**

N/A

**Extinguishing Media**

Dry Chemical Foam, CO<sub>2</sub>, Dry Chemical

**Special Fire Fighting Procedures**

N/A

**Unusual Fire and Explosion Hazards**

None

**SECTION V - Reactivity Data**

<b>Stability</b>	<b>Unstable</b>	<b>Conditions to Avoid</b>
		N/A
	<b>Stable</b>	
	<b>X</b>	

**Incompatibility (Materials to Avoid)**

Strong oxidizing agent

**Hazardous Decomposition or Byproducts**

N/A

<b>Hazardous Polymerization</b>	<b>May Occur</b>	<b>Conditions to Avoid</b>
N/A		N/A
	<b>Will not Occur</b>	
	<b>X</b>	

**SECTION VI - Health Hazard Data**

<b>Routes of Entry:</b>	<b>Inhalation</b>	<b>Skin</b>	<b>Ingestion</b>
	Yes	Yes	Yes

**Health Hazards (Acute and Chronic)**

Hazardous in case of ingestion. Contact with skin may cause irritation. Contact with eyes may cause irritation.

**Carcinogenicity: NTP IARC Monographs OSHA Regulated**

None Known

**Signs and Symptoms of Exposure:**

Contact with skin or eyes may cause irritation.

**Medical Conditions Generally Aggravated by Exposure:**

Unknown

**Emergency and First Aid Procedures:**

Eyes – Flush with copious amounts of water for at least 15 minutes . If pain or redness persists seek medical attention. Skin- Wash with plenty of soap and water. If irritation persists seek medical attention.

Ingestion- Drink plenty of water. If more than 20 mL's have been ingested seek immediate medical attention.

**SECTION VII - Precautions for Safe Handling and Use:****Steps to Be Taken in Case Material is Released or Spilled:**

Dilute with water and mop up, or absorb with an inert dry material and place in an appropriate waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.

**Waste Disposal Method**

Dispose of in accordance with Federal, State, and local authorities.

**Precautions to Be Taken in Handling and Storing:**

Keep container dry. Keep in cool, well-ventilated place. Keep container tightly closed.

**Other Precautions**

None

**SECTION VIII - Control Measures****Respiratory Protection (Specify Type)**

N/A

<b>Ventilation:</b>	<b>Local Exhaust</b>	<b>Special</b>
N/A	N/A	N/A
	<b>Mechanical (General)</b>	<b>Other</b>

**Protective Gloves**

Recommended

**Eye Protection**

Recommended

**Other Protective Clothing or Equipment**

N/A

**Work/Hygienic Practices**

General Safe Practices

The data given here is based on current knowledge and experience. The data does not signify any warranty with regard to the product's properties.