

# Material Safety Data Sheet

## **RC-Prep™ Root Canal Preparation Cream**

MSDS, Rev. 2

Last revised: 02-August-2005

Approved for Use: 02-August-2005

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### **1. Chemical Product and Company Identification**

#### **Product Name: RC-Prep™ Root Canal Preparation Cream**

Premier Dental Products Company  
1710 Romano Drive  
Plymouth Meeting, PA 19462  
Phone: 610-239-6000 Fax: 610-239-6171

### **2. Composition / Information on Ingredients**

#### **Hazardous Ingredients:**

<u>Chemical Name</u>	<u>CAS Number</u>	<u>Composition %</u>	<u>Hazard ID &amp; Risk Phrases</u>
Cetyl Alcohol	36653-82-4	1-10%	[Xi] R36/37/38
EDTA	60-00-4	10-30%	[Xi] R36/37/38
Urea Peroxide	124-43-6	1-10%	[C] R34; [O] R8

### **3. Hazards Identification**

**Main Hazard:** Irritating to eyes and skin.

### **4. First Aid Measures**

#### **Symptoms:**

**Skin Contact:** There may be irritation and redness at the site of contact.

**Eye Contact:** There may be pain and redness. The eyes may water profusely. There may be severe pain. The vision may become blurred. May cause permanent damage.

**Ingestion:** There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur.

**Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest.

#### **Action:**

**Skin Contact:** Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water.

**Eye Contact:** Bathe the eye with running water for 15 minutes. Transfer to hospital for specialist examination.

**Ingestion:** Wash out mouth with water. Do not induce vomiting. If conscious, give half a liter of water to drink immediately. Consult a doctor.

**Inhalation:** Remove casualty from exposure ensuring one's own safety while doing so.

### **5. Fire-Fighting Measures**

**Extinguishing Media:** Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

**Exposure Hazards:** In combustion emits toxic fumes.

Premier Dental Products Company

**Protection of Fire-fighters:** Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

**6. Accidental Release Measures**

**Personal Precautions:** Mark out the contaminated area with signs and prevent access to unauthorized personnel. Do not attempt to take action without suitable protective clothing – see section 8 of SDS. Turn leaking containers leak-side up to prevent the escape of liquid.

**Environmental Precautions:** Do not discharge into drains or rivers. Contain spillage using banding.  
**Clean-up Procedures:** Absorb into dry earth or sand. Transfer to a closable, labeled salvage container for disposal by an appropriate method.

**7. Handling and Storage**

**Handling Requirements:** Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. Avoid the formation or spread of mists in the air.  
**Storage Conditions:** Store in cool, well ventilated area. Keep container tightly closed.  
**Suitable Packaging:** Must only be kept in original packaging.

**8. Exposure Controls / Personal Protection**

**Engineering Measures:** Ensure there is sufficient ventilation of the area.  
**Respiratory Protection:** Self-contained breathing apparatus must be available in case of emergency.  
**Hand Protection:** Protective gloves.  
**Eye Protection:** Tightly fitting safety goggles. Ensure eye bath is available.  
**Skin Protection:** Protective clothing.

**9. Physical and Chemical Properties**

**State:** Paste  
**Color:** White  
**Odor:** Characteristic odor  
**Evaporation Rate:** Negligible  
**Solubility in Water:** Soluble  
**Viscosity:** Viscous

**10. Stability and Reactivity**

**Stability:** Stable under normal conditions.  
**Conditions to Avoid:** Heat  
**Materials to Avoid:** Strong oxidizing agents. Strong acids.  
**Hazardous Decomposition Products:** In combustion emits toxic fumes.

**11. Toxicological Information**

**Hazardous Ingredients:**

- CETYL ALCOHOL  
IPR MUS LD50 1600 mg/kg  
IPR RAT LD50 1600 mg/kg  
ORL MUS LD50 3200 mg/kg  
ORL RAT LD50 5 g/kg  
SKN RBT LD50>2600 mg/kg
  
- UREA PEROXIDE  
ORL RAT LC50 1.232 mg/kg  
SKN RBT LC50>2000 mg/kg

**Routes of exposure:** Refer to section 4 of SDS for routes of exposure and corresponding symptoms.

## 12. Ecological Information

**Hazardous Ingredients:**

UREA PEROXIDE  
BACTERIA 48H EC50>10000 mg/1  
DAPHNIA 48H EC50 2.4 mg/1  
FISH 96H LC50 16.4 mg/1

**Mobility:** Readily absorbed into soil.

**Persistence and Degradability:** Biodegradable.

**Bioaccumulative Potential:** No bioaccumulation potential.

**Other Adverse Effects:** Negligible ecotoxicity.

## 13. Disposal Considerations

**Disposal of Packaging:** Dispose of as normal industrial waste

**NB:** The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

## 14. Transport Information

**ADR/RID**

**UN No:** 1759

**ADR Class:** 8

**Packaging Group:** III

**Classification Code:** C10

**Shipping Name:** CORROSIVE SOLID, N.O.S. (UREA PEROXIDE)

**Labeling:** 8

**Hazard ID no:** 80



**IMDG / IMO**

**UN No:** 1759

**Class:** 8

**Packing Group:** III

**EmS:** F-A,S-B

**Marine Pollutant:**

**Labeling:** 8

**IATA / ICAO**

**UN No:** 1759

**Class:** 8

**Packing Group:** III

**Packing Instructions:** 822(P&CA);823(CAO)

**Labeling:** 8

## 15. Regulatory Information

**Hazard Symbols:** Irritant



**Risk Phrases:** R36/38: Irritating to eyes and skin.

**Note:** The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the material safety data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

## 16. Other Information

**Other information:** This material safety data sheet is prepared in accordance with EC Directive 2001/58/EC

**Risk phrases used in s.2:** **R36/37/38:** Irritating to eyes, respiratory system and skin  
**R34:** Causes burns  
**R8:** Contact with combustible material may cause fire

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.

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