

Material Safety Data Sheet

RC-Prep® Root Canal Preparation Cream

MSDS, Rev. 4

Last revised: 16-September-2011

Approved for Use: 02-August-2005

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 & 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.

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

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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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