

### 63-23 MicroCLEAR (Project 01-17) (7/01)

MicroCLEAR is a chlorine dioxide-based dental unit waterline cleaner made for units that have a self-contained water system. The chemical treatment involves using the product initially as a cleaning agent (full strength, overnight application), followed by daily use (1:10 dilution, continuous application). The manufacturer claims that the product reduces bacterial contamination to less than 200 colony forming units per milliliter, meeting the American Dental Association's (ADA) goal for microbiological quality of dental treatment water. The manufacturer notes that MicroCLEAR is easy to use, pH balanced, odorless, tasteless, non-toxic, non-staining, non-corrosive to dental equipment, and does not affect bond strength. The product is available in one-gallon containers with an accompanying pump.



#### **Manufacturer:**

Rowpar Pharmaceuticals, Inc.  
7720 E. Evans, Suite 208  
Scottsdale, AZ 85260  
(800) 643-3337  
(480) 948-5918 FAX  
[www.rowpar.com](http://www.rowpar.com)

#### **Suggested Retail Price:**

\$35.00 Two 1-gallon containers

#### **Government Price:**

\$26.25 Two 1-gallon containers

#### **ADVANTAGES:**

- + Produced water quality that met ADA's goal.
- + Simple to use.
- + Saves time.
- + No evidence of clumping or residue.
- + No clogging of waterlines noted.
- + Only small amount needed for daily application.
- + Can be used with any type of separate water reservoir.
- + Simple instructions.
- + Easy to dispense using spigot provided.

#### **DISADVANTAGES:**

- More expensive than using diluted bleach for waterline treatment procedures.

#### **SUMMARY AND CONCLUSIONS:**

MicroCLEAR's handling properties and clinical acceptability were rated as "Excellent." During the four-week test period, all tested water samples met the ADA goal for unfiltered output water. The product requires no mixing and uses only 2.5 ounces of solution for daily treatment of each dental unit. The main disadvantage was increased cost as compared to using diluted bleach for waterline treatment procedures. **MicroCLEAR** is rated **Acceptable** for use by the federal dental services.

[Click here](#) for updated product information.