



DEPARTMENT OF HEALTH & HUMAN SERVICES

Public Health Service

Food and Drug Administration
9200 Corporate Boulevard
Rockville MD 20850

NOV 4 1998

Dr. Thad Overmyer
Micrylium Laboratories
Suite 118
1755 West University Drive
Phoenix Tempe), Arizona 85281

Re: K973765
Trade Name: Bio-2000
Regulatory Class: I
Product Code: EIA
Dated: September 16, 1998
Received: October 2, 1998

Dear Dr. Overmyer:

We have reviewed your Section 510(k) notification of intent to market the device referenced above and we have determined the device is substantially equivalent (for the indications for use stated in the enclosure) to legally marketed predicate devices marketed in interstate commerce prior to May 28, 1976, the enactment date of the Medical Device Amendments, or to devices that have been reclassified in accordance with the provisions of the Federal Food, Drug, and Cosmetic Act (Act). You may, therefore, market the device, subject to the general controls provisions of the Act. The general controls provisions of the Act include requirements for annual registration, listing of devices, good manufacturing practice, labeling, and prohibitions against misbranding and adulteration.

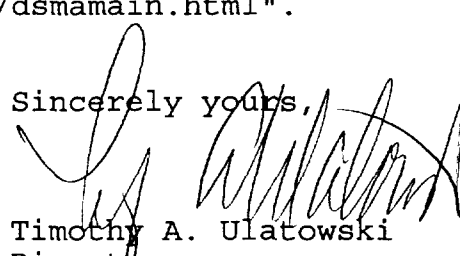
If your device is classified (see above) into either class II (Special Controls) or class III (Premarket Approval), it may be subject to such additional controls. Existing major regulations affecting your device can be found in the Code of Federal Regulations, Title 21, Parts 800 to 895. A substantially equivalent determination assumes compliance with the Current Good Manufacturing Practice requirements, as set forth in the Quality System Regulation (QS) for Medical Devices: General regulation (21 CFR Part 820) and that, through periodic QS inspections, the Food and Drug Administration (FDA) will verify such assumptions. Failure to comply with the GMP regulation may result in regulatory action. In addition, FDA may publish further announcements concerning your device in the Federal Register. Please note: this response to your premarket notification submission does not affect any obligation you might have under sections 531

through 542 of the Act for devices under the Electronic Product Radiation Control provisions, or other Federal laws or regulations.

This letter will allow you to begin marketing your device as described in your 510(k) premarket notification. The FDA finding of substantial equivalence of your device to a legally marketed predicate device results in a classification for your device and thus, permits your device to proceed to the market.

If you desire specific advice for your device on our labeling regulation (21 CFR Part 801 and additionally 809.10 for in vitro diagnostic devices), please contact the Office of Compliance at (301) 594-4692. Additionally, for questions on the promotion and advertising of your device, please contact the Office of Compliance at (301) 594-4639. Also, please note the regulation entitled, "Misbranding by reference to premarket notification" (21CFR 807.97). Other general information on your responsibilities under the Act may be obtained from the Division of Small Manufacturers Assistance at its toll-free number (800) 638-2041 or (301) 443-6597 or at its internet address "<http://www.fda.gov/cdrh/dsma/dsmamain.html>".

Sincerely yours,



Timothy A. Ulatowski
Director
Division of Dental, Infection Control,
and General Hospital Devices
Office of Device Evaluation
Center for Devices and
Radiological Health

Enclosure



Micrylium Laboratories

1755 West University Drive Suite 118
Phoenix (Tempe) Arizona 85281

TEL (602) 736-1773
FAX (602) 736-1481
eMAIL greenteam@micrylium.com

510 K _____

BIO2000

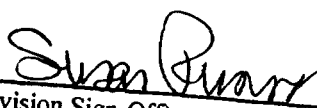
INDICATIONS FOR USE

1. For use in pressurized self-contained water devices.
2. For use in cleaning lines in dental units by leaving the solution (Bio2000), dispensed by a pressurized device, overnight (similar period of time) or use continuously. Cleaning lines refers to the reduction of microbial contamination.
3. For use in operative procedures to dedicated coolant (water) line for air or electric driven handpieces and scalers. Use of this device and solution will increase cutting efficiency and decrease the bad odors and tastes that occur during operative procedures while decreasing microbial contamination of the tubing.

Micrylium Laboratories

Do not write below this line

Concurrence of CDRH, Office of Device Evaluation (ODE)


(Division Sign-Off)
Division of Dental, Infection Control,
and General Hospital Devices
510(k) Number _____

Prescription Use ☒
(Per 12 CFR 801.109)

OR

Over the Counter Use _____
(Optional Format 1-2-96)