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510(k) SUMMARY

CLUED UP MULTIPURPOSE SOLUTION

1. Submitted by: Clued Up Ltd
135 High Street
Egham
Surrey
TW20 9HL

Official correspondent: Jenny Kokshun, BSc Hons
Regulatory Affairs Officer

2. Device name

Common Name: Multipurpose Solution
Proprietary Name: Clued Up Multipurpose Solution

3. Classification:
Class II
(Performance Standards)
21 CFR 886.5928
Soft (hydrophilic) contact lens solution

4. Substantial Equivalence:
The product is substantially equivalent to the currently marketed Complete Brand Multi-Purpose Solution – No Rub

5. Device Description:
Clued Up Multipurpose Solution is a sterile, isotonic solution that contains poloxamer, sodium phosphate buffer, sodium chloride, and disodium edetate; preserved with polyhexanide 0.0001%. Contains no chlorohexidine or thimerosal.

Clued Up Multipurpose Solution remains unchanged from the previously approved product in K980147, except for the revised directions for use.

6. Intended use:
Clued Up Multipurpose Solution is indicated for use in the daily cleaning, rinsing, chemical (not heat) disinfection, removal of proteins and storage and soft (hydrophilic) contact lenses, as recommended by the eye care practitioner
7. **Pre-clinical Testing**

**Solution compatibility**
Details of the compatibility study on the Clued Up Multipurpose Solution are contained in K980147.

**Toxicology**
The toxicological testing of Clued Up Multipurpose Solution is contained in K980147.

**CLUED UP MULTIPURPOSE SOLUTION CONTAINER**
The Clued Up Multipurpose solution container components meet the requirements of the USP<661> for containers and closures for ophthalmic preparations, and it has been confirmed by the appropriate tests (i.e. the cytotoxicity, ocular irritancy, and systemic toxicity tests).

**Microbiology**

**Sterility**
The Clued Up Multipurpose Solution meets the requirements of sterility testing as per K980147.

**Preservative efficacy**
The Clued Up Multipurpose Solution meets the requirements of the preservative efficacy test with rechallenge at 14 days as per K980147.

**Disinfection Efficacy**
The Clued Up Multipurpose Solution meets the requirements of both the stand-alone with organic load disinfection test and the regimen test.

8. **Clinical Studies**

A clinical trial of 3 months usage of the Multipurpose Solution by 50 subjects, wearing soft (hydrophilic) contact lenses of either group II and IV, compared to 21 control subjects using to the AMO Complete Brand Multi-Purpose Solution – No Rub, showed the safety, acceptability and substantial equivalence of the Sauflon Multipurpose Solution to the predicate device for its intended use.

9. **Conclusions**
The Clued Up Multipurpose Solution for use in a no rub regimen for lenses replaced in 30 days or less is substantially equivalent to the AMO Complete Brand Multi-Purpose Solution – No Rub.
Clued Up Limited  
c/o Ms. Azitta Jadalizadeh  
Regulatory Affairs Officer  
135 High St.  
Egham, Surrey  
United Kingdom TW20 9HL

Re: K030910  
Trade/Device Name: Clued Up Multipurpose Solution  
Regulation Number: 21 CFR 886.5928  
Regulation Name: Soft (hydrophilic) contact lens care products  
Regulatory Class: Class II  
Product Code: LPN  
Dated: September 18, 2003  
Received: September 22, 2003

Dear Ms. Jadalizadeh:

We have reviewed your Section 510(k) premarket notification of intent to market the device referenced above and 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) that do not require approval of a premarket approval application (PMA). 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 (PMA), 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 898. In addition, FDA may publish further announcements concerning your device in the Federal Register.

Please be advised that FDA’s issuance of a substantial equivalence determination does not mean that FDA has made a determination that your device complies with other requirements of the Act or any Federal statutes and regulations administered by other Federal agencies. You must comply with all the Act’s requirements, including, but not limited to: registration and listing (21 CFR Part 807); labeling (21 CFR Part 801); good manufacturing practice requirements as set forth in the quality systems (QS) regulation (21 CFR Part 820); and if applicable, the electronic product radiation control provisions (Sections 531-542 of the Act); 21 CFR 1000-1050.
This letter will allow you to begin marketing your device as described in your Section 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), please contact the Office of Compliance at (301) 594-4613. Also, please note the regulation entitled, "Misbranding by reference to premarket notification" (21 CFR Part 807.97). You may obtain other general information on your responsibilities under the Act from the Division of Small Manufacturers, International and Consumer 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,

A. Ralph Rosenthal, M.D.
Director
Division of Ophthalmic and Ear, Nose and Throat Devices
Office of Device Evaluation
Center for Devices and Radiological Health

Enclosure
INDICATIONS FOR USE STATEMENT

510(k) Number (if known): K030910

Device Name: Clued Up Multipurpose Solution

Indications For Use: The Clued Up Multipurpose Solution is indicated for use in the daily cleaning, rinsing, chemical (not heat) disinfection, removal of proteins and storage of soft (hydrophilic) contact lenses, as recommended by the eye care practitioner.

(PLEASE DO NOT WRITE BELOW THIS LINE - CONTINUE ON ANOTHER PAGE IF NEEDED)

Concurrence of the CDRH, Office of Device Evaluation (ODE)

Prescription Use OR Over-The Counter (Per 21 CFR 801.109)

Daniel W. C. Brown, Ph.D.
(Division Sign-Off)
Division of Ophthalmic Ear,
Nose and Throat Devices

510(k) Number K030910