



April 26, 2019

United Consortium
Stephanie Morris
Global Regulatory Specialist
29000 N. Hancock Pkwy.
Valencia, CA 91355

Re: K182585
Trade/Device Name: JO Actively Trying Personal Lubricant
Regulation Number: 21 CFR§ 884.5300
Regulation Name: Condom
Regulatory Class: II
Product Code: PEB
Dated: March 22, 2019
Received: March 25, 2019

Dear Stephanie Morris:

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. Although this letter refers to your product as a device, please be aware that some cleared products may instead be combination products. The 510(k) Premarket Notification Database located at <https://www.accessdata.fda.gov/scripts/cdrh/cfdocs/cfpmn/pmn.cfm> identifies combination product submissions. 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. Please note: CDRH does not evaluate information related to contract liability warranties. We remind you, however, that device labeling must be truthful and not misleading.

If your device is classified (see above) into either class II (Special Controls) or class III (PMA), it may be subject to 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); medical device reporting (reporting of medical device-related adverse events) (21 CFR 803) for devices or postmarketing safety reporting (21 CFR 4, Subpart B) for combination products (see <https://www.fda.gov/CombinationProducts/GuidanceRegulatoryInformation/ucm597488.htm>); good manufacturing practice requirements as set forth in the quality systems (QS) regulation (21 CFR Part 820) for devices or current good manufacturing practices (21 CFR 4, Subpart A) for combination products; and, if applicable, the electronic product radiation control provisions (Sections 531-542 of the Act); 21 CFR 1000-1050.

Also, please note the regulation entitled, "Misbranding by reference to premarket notification" (21 CFR Part 807.97). For questions regarding the reporting of adverse events under the MDR regulation (21 CFR Part 803), please go to <http://www.fda.gov/MedicalDevices/Safety/ReportaProblem/default.htm>.

For comprehensive regulatory information about medical devices and radiation-emitting products, including information about labeling regulations, please see Device Advice (<https://www.fda.gov/MedicalDevices/DeviceRegulationandGuidance/>) and CDRH Learn (<http://www.fda.gov/Training/CDRHLearn>). Additionally, you may contact the Division of Industry and Consumer Education (DICE) to ask a question about a specific regulatory topic. See the DICE website (<http://www.fda.gov/DICE>) for more information or contact DICE by email (DICE@fda.hhs.gov) or phone (1-800-638-2041 or 301-796-7100).

Sincerely,


Jason Roberts -S

for
Benjamin R. Fisher, Ph.D.
Director
Division of Reproductive, Gastro-Renal,
and Urological Devices
Office of Device Evaluation
Center for Devices and Radiological Health

Enclosure

Indications for Use

510(k) Number (if known)
K182585

Device Name
JO Actively Trying Personal Lubricant

Indications for Use (Describe)

JO Actively Trying Personal Lubricant is a personal lubricant, for penile and/or vaginal application, intended to moisturize and lubricate, to enhance the ease and comfort of sexual activity and supplement the body's natural lubrication. This product is compatible with sperm, oocytes and embryos and can be used by couples trying to conceive. This product is compatible with natural rubber latex, polyurethane and polyisoprene condoms.

Type of Use (Select one or both, as applicable)

☐ Prescription Use (Part 21 CFR 801 Subpart D)

☒ Over-The-Counter Use (21 CFR 801 Subpart C)

CONTINUE ON A SEPARATE PAGE IF NEEDED.

This section applies only to requirements of the Paperwork Reduction Act of 1995.

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510 (k) Summary – K182585

1. Submitter Information

Applicant: United Consortium
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Global Regulatory Specialist

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2. Correspondent Information

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3. Date prepared: April 24, 2019

4. Device Information

Device Name: JO Actively Trying Personal Lubricant
Common Name: Personal Lubricant
Regulation Number: 21 CFR 884.5300
Regulation Name: Condom
Regulatory Class: Class II
Product Code: PEB (lubricant, personal, gamete, fertilization,
and embryo compatible)

5. Predicate Device Information

Device Name: Astroglide TTC Fertility Friendly Personal Lubricant
510(k) Number: K141132
Manufacturer: Biofilm, Inc.
Regulatory Class: Class II
Product Code: PEB (lubricant, personal, gamete, fertilization,
and embryo compatible)

The predicate device has not been subject to a design-related recall.

6. Device Description

JO Actively Trying Personal Lubricant is a clear, semi-viscous personal lubricant that is compatible with condoms made of natural rubber latex, polyurethane and polyisoprene. This device is a non-sterile personal lubricant for penile and/or vaginal application, to lubricate and moisturize, to enhance the ease and comfort of intimate sexual activity and supplement the body's natural lubrication. This product is compatible with sperm, oocytes and embryos and can be used by couples trying to conceive.

This product is provided in clear, Polyethylene Terephthalate (PET) cylinder bottles. The bottles are capped with silver disc top caps. The individual bottles are hermetically sealed during the production process. This device is composed of Water (Aqua), Propylene Glycol, Hydroxyethylcellulose, Fructose, Arabinogalactan, Sodium Phosphate, Salt, Potassium Phosphate, Methylparaben, Propylparaben. The device specifications are listed in the table below:

Table 1: Device Specifications for JO Actively Trying Personal Lubricant

Property	Specification
Appearance	Clear, semi-viscous liquid
Color	Clear
Odor	Odorless
Viscosity (cps)	6,500 cps to 12,000 cps
pH	7.25 to 7.80
Specific Gravity	0.900 to 1.000
Osmolality	800 to 1,000 mOsm/kg
Human Sperm Survival Assay (HSSA)	After exposure to 10% JO Actively Trying for 30 minutes, $\geq$ 80% of the control.
Limulus Amebocyte Lysate (LAL) Gel-Clot Method	<0.7 EU/mL
Lubricant Barrier Assay	PASS
Antimicrobial effectiveness per USP <51>	Meets US <51> acceptance criteria for Category 2 products
Total aerobic microbial count (TAMC) per USP <61> and <1111>	Less than 10 cfu/g
Total yeast and mold count (TYMC) per USP <61> and <1111>	Less than 10 cfu/g
Presence of Pathogens per USP <62>	Specification
Pseudomonas aeruginosa	Absent
Staphylococcus aureus	Absent
Salmonella/Shigella	Absent
Escherichia coli	Absent
Candida albicans	Absent

7. Indications for Use

JO Actively Trying Personal Lubricant is a personal lubricant, for penile and/or vaginal application, intended to moisturize and lubricate, to enhance the ease and comfort of sexual activity and supplement the body's natural lubrication. This product is compatible with sperm, oocytes and embryos and can be used by couples trying to conceive. This product is compatible with natural rubber latex, polyurethane and polyisoprene condoms.

8. Comparison of Intended Use and Technological Characteristics with the Predicate Device

The table below lists the comparative indications for use and technological characteristics of the subject and predicate device.

Table 2: Comparator Table for Subject Device – JO Actively Trying Personal Lubricant and Predicate Device Astroglide TTC Fertility Friendly Personal Lubricant

Feature	JO Actively Trying Personal Lubricant	Astroglide TTC Fertility Friendly Personal Lubricant (K141132)
Device Classification Name	Lubricant, Personal, Gamete, Fertilization, and Embryo Compatible	Lubricant, Personal, Gamete, Fertilization, and Embryo Compatible
Product Code	PEB	PEB
Indications for Use	JO Actively Trying Personal Lubricant is a personal lubricant, for penile and/or vaginal application, intended to moisturize and lubricate, to enhance the ease and comfort of sexual activity and supplement the body's natural lubrication. This product is compatible with sperm, oocytes and embryos and can be used by couples trying to conceive. This product is compatible with natural rubber latex, polyurethane and polyisoprene condoms.	Astroglide TTC is a personal lubricant for penile and/or vaginal application, intended to moisturize and lubricate, to enhance the ease and comfort of intimate sexual activity and supplement the body's natural lubrication. Astroglide® TTC is compatible with sperm, oocytes, and embryos and can be used by couples trying to conceive. Astroglide® TTC is compatible with natural rubber latex, polyisoprene and polyurethane condoms.
Water soluble	Yes	Yes
Contains water	Yes	Yes
Primary ingredients	Water (Aqua), Propylene Glycol, Hydroxyethylcellulose, Fructose, Arabinogalactan, Sodium Phosphate, Salt, Potassium Phosphate, Methylparaben, Propylparaben	Water, Propylene Glycol, Hydroxyethylcellulose, Fructose, Methylparaben, Sodium Phosphate, Potassium Phosphate, Propyl Paraben, Galactose, Sodium Hydroxide
pH	7.25 - 7.80	7.2 - 7.6
Osmolarity	800 - 1000 mOsm/kg	220 - 400 mOsm/kg
Human Sperm Survival Assay (HSSA)	After exposure to 10% JO Actively Trying for 30 minutes, $\geq 80\%$ of the control.	After exposure to 10% TTC for 2 hours, $\geq 80\%$ of the control.
Limulus Amebocyte Lysate (LAL) Gel-Clot Method	<0.7 EU/mL	≤ 0.7 EU/mL

Feature	JO Actively Trying Personal Lubricant	Astroglide TTC Fertility Friendly Personal Lubricant (K141132)
Lubricant Barrier Assay	Pass	Unavailable
Over the counter use	Yes	Yes
Sterile	No	No
Condom Compatibility	Natural Rubber Latex, Polyisoprene and Polyurethane	Natural Rubber, Latex, Polyisoprene and Polyurethane
Biocompatibility Tested	Yes	Yes
Antimicrobial Tested	Yes	Yes
Shelf life	2 years	8 months

The subject and predicate device have the same indications for use. The subject and predicate device have similar technological characteristics, including similar formulation. The different technological characteristics of the subject device do not raise different types of safety and effectiveness questions.

9. Summary of Non-Clinical Performance Testing

Biocompatibility

Biocompatibility studies, including Acute Systemic Toxicity, Vaginal Irritation Testing, Penile Irritation Testing, Cytotoxicity and Sensitization testing were performed in accordance with the 2016 FDA guidance document *Use of International Standard ISO 10993-1, "Biological Evaluation of Medical Devices – Part 1: Evaluation and testing within a risk management process"* and ISO 10993- 1:2009 as follows:

- Cytotoxicity (ISO 10993-5:2009)
- Sensitization (ISO 10993-10:2010)
- Vaginal Irritation (ISO 10993-10:2010)
- Penile Irritation (ISO 10993-10:2010)
- Acute Systemic Toxicity (ISO 10993-11:2006)

The results of this testing demonstrated that the subject lubricant is biocompatible.

The following additional biocompatibility testing was performed on the proposed device, JO Actively Trying Personal Lubricant:

- Human Sperm Survival
- Limulus Amebocyte Lysate (LAL) Gel-Clot Method
- Lubricant Barrier Assay

The subject lubricant received passing scores for all of these tests, indicating that it is compatible with sperm, oocytes and embryos.

Shelf-Life

The subject device is a non-sterile personal lubricant with a two-year shelf-life in accordance with the results of a real time and accelerated aging study. All device specifications listed in **Table 1** were tested at 0, 1 and 2 years. The subject device met the device specifications at all time points.

Condom Compatibility

The compatibility of the subject device with natural rubber latex, polyisoprene and polyurethane condoms was evaluated in accordance with ASTM D7661-10 Standard Test Method for Determining Compatibility of Personal Lubricants with Natural Rubber Latex Condoms. The results of this test indicated that JO Actively

Trying Personal Lubricant is compatible with natural rubber latex, polyurethane and polyisoprene condoms.

10. Conclusion

The results of the performance testing described above demonstrate that the JO Actively Trying Personal Lubricant is as safe and effective as the predicate device and supports a determination of substantial equivalence.