



## UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, D.C. 20460

OFFICE OF  
PREVENTION, PESTICIDES  
AND TOXIC SUBSTANCES

Erin Tesch  
Regulatory Agent for,  
Nanobiomatters Bactiblock, S.L.  
c/Pasteur, 11 Nave 5y6  
46980 Paterna, Valcencia, Spain

SEP 29 2011

Mail to: Erin Tesch  
TSG Technology Sciences Group  
1150 18<sup>th</sup> Street, NW, Suite 1000  
Washington, D.C. 20036

Subject: BactiBlockR 101 RP1.47  
EPA Registration Number 87722-3  
Your Notification Dated August 29<sup>th</sup>, 2011  
EPA Received Date August 29<sup>th</sup>, 2011

The notification referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, FIFRA, as amended, to add an alternate brand name, "BactiBlockR 101 R1.43", is acceptable.

A copy of the notification has been made part of the file.

If you have questions concerning this letter, please contact Karen M. Leavy at (703)-308-6237.

Sincerely,

A handwritten signature in black ink, appearing to read "Marshall Swindell".

Marshall Swindell  
Product Manager 33  
Regulatory Management Branch I  
Antimicrobials Division(7510P)

**EPA**
 United States  
**Environmental Protection Agency**  
 Washington, DC 20460

☐ Registration  
☐ Amendment  
☒ Other

OPP Identifier Number

**Application for Pesticide - Section I**
 1. Company/Product Number  
 Nanobiomatters Bactiblock, S.L. / 87722-3

 2. EPA Product Manager  
 Marshall Swindell

3. Proposed Classification

 4. Company/Product (Name)  
 Nanobiomatters Bactiblock, S.L. / BactiBlock® 101 RP1.47

 PM#  
 33

☒ None ☐ Restricted

 5. Name and Address of Applicant (Include ZIP Code)  
 Nanobiomatters Bactiblock, S.L.  
 c/Louis Pasteur, 11 Nave 5 y 6  
 46980 Paterna, Valencia, Spain

 6. **Expedited Review.** In accordance with FIFRA Section 3(c)(3)(b)(I), my product is similar or identical in composition and labeling to:

EPA Reg. No. \_\_\_\_\_

Product Name \_\_\_\_\_

☐ Check if this is a new address
**Section II**
☐ Amendment - Explain below.

☐ Resubmission in response to Agency letter dated

☒ Notification - Explain below.

☐ Final printed labels in response to Agency letter dated

☐ "Me Too" Application

☐ Other - Explain below.

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

Notification to add an alternate brand name

**Section III**

1. Material This Product Will Be Packaged In:

Child-Resistant Packaging

☐ Yes\*  
☒ No

Unit Packaging

☐ Yes  
☒ No

Water Soluble Packaging

☐ Yes  
☒ No

2. Type of Container

☐ Metal  
☒ Plastic  
☐ Glass  
☐ Paper  
☒ Other (Specify) foil lined bag

**\*Certification must  
be submitted**

 If "Yes"  
 Unit Packaging wgt. No. per Container

 If "Yes"  
 Package wgt. No. per Container

3. Location of Net Contents Information

☒ Label ☐ Container

4. Size(s) Retail Container

15 kg

5. Location of Label Directions

☒ On Label  
☐ On Labeling accompanying product

6. Manner in Which Label is Affixed to Product

☒ Lithograph

☒ Other

Transparent envelope adhered to plastic bag

☐ Paper glued

☐ Stenciled
**Section IV**

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)

Name

Erin Tesch, Technology Sciences Group, Inc.

Title

Regulatory Consultant

Telephone No. (Include Area Code)

(202) 828-8966

**Certification**

I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.

 Date Application  
 Received  
 (Stamped)

2. Signature

 BY: *Erin M. Tesch* / ZAT

3. Title

 Regulatory Consultant to Nanobiomatters  
 Bactiblock, S.L.

4. Typed Name

Erin Tesch

5. Date

8/29/2010

**Technology Sciences Group Inc.**

1150 18<sup>th</sup> Street, Suite 1000  
 Washington, DC 20036  
 Direct: (202) 828-8966  
 Fax: (202) 872-0745  
 E-Mail: etesch@TSGUSA.com



August 29, 2011

Marshall Swindell, PM 33  
 Antimicrobial Division  
 Document Processing Desk (NOTIF)  
 Office of Pesticide Programs (7510C)  
 U.S. Environmental Protection Agency  
 Room S4900, One Potomac Yard  
 2777 South Crystal Drive  
 Arlington, VA 22202

Subject: Notification to Add an Alternate Brand Name  
 BactiBlock® 101 RP1.47 (EPA Registration Number: 87722-3)

Dear Mr. Swindell:

On behalf of Nanobiomatters Bactiblock, S.L. (EPA Company No: 87722), Technology Sciences Group Inc. is submitting this notification add an alternate brand name, **BactiBlock® 101 R1.43**, to EPA approved end use product, BactiBlock® 101 R1.47 (EPA Registration Number: 87722-3). Please find enclosed the following documentation in support of this submission:

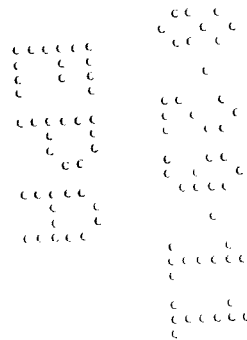
- (1) Application for Registration (EPA Form 8570-1);
- (2) Product Label –redlined copy (one copies);
- (3) Product Label –clean copy (three copies).

If you have any questions or need additional information regarding this registration application, please contact me at (202) 828-8966 or etesch@tsgusa.com.

Sincerely,

*Erin M. Tesch / ZAT*

Erin Tesch  
 Regulatory Consultant to Nanobiomatters Bactiblock, S.L.

**Washington, D.C.**

1150 18<sup>th</sup> St., NW, Suite 1000  
 Washington, D.C. 20036  
 Phone: (202) 223-4392

**California**

712 Fifth St., Suite A  
 Davis, CA 95616  
 Phone: (530) 757-1245

**Canada**

275 Slater St., Suite 900  
 Ottawa, Ontario K1P 5H9  
 Phone: (613) 247-6285

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# BactiBlock® 101 RP1.47

[Alternate Brand Name: BactiBlock® 101 RP1.43]

[Alternate Brand Name: BactiBlock® 101 R1.43]

A preservative and bacteriostatic agent for use in the manufacture of polymer, plastic, paint and latex products.  
For commercial and industrial use only.

## Active Ingredient

Silver 0.5 %

Other Ingredients 99.5 %

Total 100.0 %

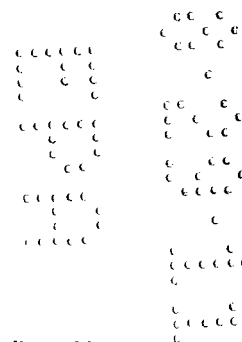
**KEEP OUT OF REACH OF CHILDREN**

**DANGER**

FIRST AID	
<b>If in eyes</b>	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15 – 20 minutes.</li> <li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>If on skin or clothing</b>	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15 – 20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>If inhaled</b>	<ul style="list-style-type: none"> <li>• Move person to fresh air.</li> <li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.</li> <li>• Call a poison control center or doctor for further treatment advice.</li> </ul>
<b>If swallowed</b>	<ul style="list-style-type: none"> <li>• Call poison control center or doctor immediately for treatment advice.</li> <li>• Have person sip a glass of water if able to swallow.</li> <li>• Do not induce vomiting unless told to do so by the poison control center or doctor.</li> <li>• Do not give anything by mouth to an unconscious person.</li> </ul>
Have the product container or label with you when calling a poison control center or doctor, or going for treatment.	

SEE SIDE [BACK] OF LABEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

Manufactured by:  
Nanobiomatters BactiBlock, S.L.  
C/ Louis Pasteur, 11 Nave-5 y 6  
46980 – PATERNA  
VALENCIA, SPAIN



EPA Reg. No. 87722-3  
EPA Est. No.

Net Wt.  
Batch Code/Lot No.

## Directions for Use

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

*BactiBlock® 101 RP1.47* is an antimicrobial additive to be used by compounding into many polymeric materials. It is designed to be incorporated during and after the manufacturing process to impart antimicrobial activity to the manufactured products. *BactiBlock® 101 RP1.47* suppresses the growth of algae, mold, mildew, fungi and bacteria which cause unpleasant odors, discoloration, staining, deterioration or corrosion only. No finished product incorporating *BactiBlock® 101 RP1.47* may make any public health claims relating to antimicrobial activity without first obtaining an EPA registration for the finished product which permits such claims. When incorporated into treated articles, this product does not protect users of any such treated article or others against food borne or disease causing bacteria, viruses, germs or other disease causing organisms.

**This product may not be used for any applications involving food contact, food packaging, or drinking water.**

## Types of Finished Products

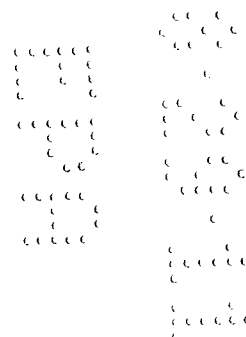
### Plastics - including films, sheets, slabs, and molded plastic parts

The additive may be incorporated into the finished product at up to 5.0% by weight or at least 0.1% for bulk plastics. Contact Nanobiomatters BactiBlock, S.L. to determine the appropriate amount of *BactiBlock® 101 RP1.47* for individual finished products.

#### **Non-food contact uses only:**

automobile parts  
shower curtains  
mats  
protective covers  
tape  
waste containers  
brush handles  
mops  
vacuum cleaner bags  
plumbing supplies and fixtures (including toilet bowl seats)  
drain pan liners  
office equipment and supplies (including binders, filing and storage systems, pens, pencils, markers, printers, facsimile machines, photocopiers, desk accessories, computers, keyboards, mice, scanners, and printers)  
exercise equipment  
sports equipment  
gaskets  
general purpose containers  
tubing  
liners  
non-woven fabrics

siding for housing  
bathroom hardware  
flooring  
floor coverings  
footwear (including boots, sports equipment and tools)  
insulation for wire and cable  
insulators  
indoor and outdoor furniture  
spas, bathtubs, showers and filters and components  
telephones, mobile devices, head phones, headsets and accessories  
cameras and imaging equipment  
televisions and remote controls



## **Fibers**

The additive may be incorporated into the finished product at up to 5.0% by weight or at least 0.1% for fibers. Contact Nanobiomatters BactiBlock, S.L. to determine the appropriate amount of *BactiBlock® 101 RP1.47* for individual finished products.

### **Non-food contact uses only:**

#### *Interior furnishings -*

mattress cover pads and filling  
pillow covers  
sheets  
blankets  
fiberfill for quilts and pillows  
curtains  
draperies  
carpet and carpet underlay  
rugs  
upholstery  
mops  
towels  
wall covering fabrics  
cushion pads  
sleeping bags

#### *Apparel -*

umbrellas  
outerwear  
sportswear  
sleepwear  
stockings  
socks and hosiery  
caps  
undergarments  
inner liners for jackets  
trim for outerwear and garments

#### *Transportation -*

automotive and truck upholstery  
carpeting  
rear decks  
trunk liners  
convertible tops  
interior liners

#### *Industrial and Other Household Items -*

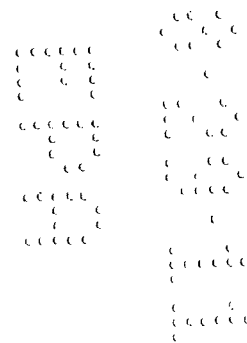
artificial leather  
filters  
book covers  
mops  
cloth for sails  
ropes  
tents and other outdoor equipment  
tarps  
awnings  
artificial grass

## **Coatings, Films and Laminates**

The additive may be incorporated into the coating, film or laminate applied to the finished product at up to 5.0% by weight, or at least 0.1% for paper or 0.1% for bulk plastics. Contact Nanobiomatters BactiBlock, S.L. to determine the appropriate amount of *BactiBlock® 101 RP1.47* for individual finished products. Types of coatings include water-borne, solvent-borne, 100% solids, radiation cure, liquid and powder.

### **Non-food contact uses only:**

walls  
wallboard  
floors  
fences  
rails  
concrete  
siding  
roofing  
shingles  
industrial equipment  
furniture  
arm rests and back rests



bed frames  
 tables  
 shelving systems  
 storage systems  
 automotive and vehicular parts  
 packaging  
 paper products (including wall coverings, towels, book covers)  
 barrier fabrics  
 glazing for cement tile  
 glazing for vitreous china used in plumbing fixtures (including toilets, sinks)  
 spas, bathtubs, showers, and filters and components thereof

### **Paints**

The additive may be incorporated into the finished product at up to 5.0% by weight or at least 0.1% for paint. Contact Nanobiomatters BactiBlock, S.L. to determine the appropriate amount of *BactiBlock® 101 RP1.47* for individual finished products.

### **Non-food contact uses only:**

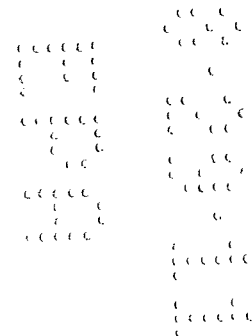
Interior paints and coatings

### **Adhesives and Sealants**

The additive may be incorporated into the finished product at up to 5.0% by weight, or at least 0.1% for paper or 0.1% for bulk plastics. Contact Nanobiomatters BactiBlock, S.L. to determine the appropriate amount of *BactiBlock® 101 RP1.47* for individual finished products.

### **Non-food contact uses only:**

adhesives used in the manufacture of wood and plastic composites  
 adhesives for ceramic tile, wood, paper, cardboard, rubber and plastic  
 glazing for windows  
 grout  
 sealants for pipes  
 adhesives, sealants and insulating materials for appliances, bathrooms, showers, kitchens and construction  
 plumbing adhesives  
 grout and joint compound for countertops, building materials and components



## **Miscellaneous Applications**

The additive may be incorporated into the finished product at up to 5.0% by weight. Contact Nanobiomatters BactiBlock, S.L. to determine the appropriate amount of *BactiBlock® 101 RP1.47* for individual finished products.

### **Non-food contact uses only:**

toilets  
sinks  
tile  
flooring  
stucco  
plaster  
cat litter  
drainage and sewage pipes

## **PRECAUTIONARY STATEMENTS**

### **Hazards to Humans**

**DANGER.** Corrosive. Causes irreversible eye damage. Harmful if absorbed through skin. Do not get in eyes or on clothing. Avoid contact with skin. Wear goggles, face shield, or safety glasses when handling. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse.

### **Storage and Disposal**

Do not contaminate water, food or feed by storage and disposal.

**Pesticide Storage:** Do not store in areas accessible to children.

**Container Disposal:** Nonrefillable container. Do not reuse or refill this container. Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by State and local authorities.

**Pesticide Disposal:** Pesticide wastes are acutely hazardous. Improper disposal of pesticide, prepared solutions, or rinsate is a violation of Federal law. If wastes cannot be disposed of according to label directions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative of your nearest EPA Regional Office for guidance.

