



**EPA, FDA, SIAA and Other Product
Certification Requirements**



BactiBlock® Product Certification

In order to obtain EPA certification, the product has successfully approved the following processes:

- Toxicological Report on latest formulation:
- CSF: confidential state of the formula
- Product chemistry
- Manufacturing process report
- Particle size dossier
- Characterization of the Morphology and Composition of the Antimicrobial Silver-based BactiBlock Commercial Products (non nano materials)
- Report on the CTAB vs BactiBlock® properties
- Characterization of BactiBlock® additives

EPA registration numbers:

EPA Reg. No. 87722-X

EPA Est. No. 87722-ESP-001


FDA approved for specific applications.

According FDA evaluations BactiBlock qualifies under 21 CFR 170.39 Threshold of regulation for substances used in food-contact articles for specific applications.

BactiBlock® Product Certification

BactiBlock® 101 S1.19

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

KEEP OUT OF REACH OF CHILDREN 

CAUTION

For commercial and industrial use only.

EPA Reg. No. 87722-4
EPA Est. No. 87722-ESP-001

Active Ingredient

Silver	3.0%
Other Ingredients	97.0%
Total	100.0%


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

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

SEE BELOW FOR ADDITIONAL PRECAUTIONARY STATEMENTS

BactiBlock® 101 R1.43

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

KEEP OUT OF REACH OF CHILDREN 

DANGER

For commercial and industrial use only.

EPA Reg. No. 87722-3
EPA Est. No. 87722-ESP-001


Active Ingredient

Silver	0.5%
Other Ingredients	99.5%
Total	100.0%

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

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

SEE BELOW FOR ADDITIONAL PRECAUTIONARY STATEMENTS

 U.S. ENVIRONMENTAL PROTECTION AGENCY Office of Pesticide Programs Antimicrobials Division (7510P) 1200 Pennsylvania Avenue NW Washington, D.C. 20460	EPA Reg. Number: 87722-3	Date of Issuance: MAY 31 2011
	Term of Issuance: Conditional	
Name of Pesticide Product: BactiBlock 101 RP1.47		
NOTICE OF PESTICIDE: <input checked="" type="checkbox"/> Registration <input type="checkbox"/> Reregistration		
(under FIFRA, as amended)		
Name and Address of Registrant (include ZIP Code): Nanobiomatters BactiBlock, S.L. c/Louis Pasteur, 11 Nave 5 y 6 46980 Paterna, Valencia		
<small>Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and</small>		



BactiBlock® Product Certification

In order to obtain SIAA certifications, the product has successfully approved the following tests:


- Acute oral toxicity.
- Primary skin irritation.
- Mutagenicity.
- Skin sensitization potential.



To NanoBioMatters Japan K.K.

Letter of Confirmation

Herewith I accepted and contract the product listed as follows, with "a voluntary registration data sheet" that submitted by your company having the proof of antibacterial efficacy quality and the safety.

Registration number	JP0111068A0002O  *JP0111068A0002O*
Antibacterial Product name	Product name : BactiBlock 101 R1.47 Nonproprietary name of the antibacterial agent : Inorganic agent Type of the antibacterial agent : Silver


Voluntary registration acceptance day : 10/August/ 2012

SIAA

To NanoBioMatters Japan K.K.

Letter of Confirmation

Herewith I accepted and contract the product listed as follows, with "a voluntary registration data sheet" that submitted by your company having the proof of antibacterial efficacy quality and the safety.

Registration number	JP0111068A0001N  *JP0111068A0001N*
Antibacterial Product name	Product name : BactiBlock 101 R1.43 Nonproprietary name of the antibacterial agent : Inorganic agent Type of the antibacterial agent : Silver

Voluntary registration acceptance day : 10/August/ 2012

SIAA

BactiBlock® Product Certification

NanoBioMatters is listed by NSF International to certify health and environment safety in BactiBlock®. NSF Registration assures inspection officials and end users that BactiBlock® formulation and labels meet appropriate food safety regulations.



NSF International / Nonfood Compounds Registration Program

Nonfood Compounds
Program Listed

November 2, 2012

Mr. Javier Vilaplana
NanoBioMatters BactiBlock, S.L.
Calle Louis Pasteur 11 - Nave 5-6
46980 Paterna (Valencia)
Spain

RE: BactiBlock® 101 R1.43
Category Code: PX
NSF Registration No. 147038

Dear Mr. Javier Vilaplana:

NSF has processed the application for Registration of **BactiBlock® 101 R1.43** to the NSF International Registration Guidelines for Proprietary Substances and Nonfood Compounds (2009), which are available at www.nsfwhitebook.org. The NSF Nonfood Compounds Registration Program is a continuation of the USDA product approval and listing program, which is based on meeting regulatory requirements including FDA 21 CFR for appropriate use, ingredient and labeling review.

This product is acceptable for use as a preservative and bacteriostatic agent for use in the manufacture of polymer, plastic, paint and latex products (PX). This product must be used in a manner as to ensure it will have neither direct nor indirect contact with food or potable water. Use must also be consistent with the manufacturer's directions.

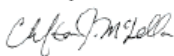
Limitation: This product is not to exceed the percentage indicated on the EPA approved label for the intended use.

NSF Registration of this product is current when the NSF Registration Number, Category Code, and Registration Mark appear on the NSF-approved product label, and the Registered product name is included in the current NSF White Book Listing of Nonfood Compounds at the NSF website (www.nsfwhitebook.org). The NSF Registration Mark can be downloaded by clicking the "Download Registration Mark" link on the NSF website (www.nsfwhitebook.org).

NSF Listing of all Registered Nonfood compounds by NSF International is not an endorsement of those compounds, or of any performance or efficacy claims made by the manufacturer.

Registration status may be verified at any time via the NSF website, at www.nsfwhitebook.org. Changes in formulation or label, without the prior written consent of NSF, will void Registration, and will supersede the on-line listing.

Sincerely,



Clifton J. Mclellan
NSF Nonfood Compounds Registration Program

Company No: C0130834

