

83587-1

02/22/2007

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U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs  
Antimicrobials Division (7510C)  
1200 Pennsylvania Avenue NW  
Washington, D.C. 20460

NOTICE OF PESTICIDE:

- Registration
- Reregistration

(under FIFRA, as amended)

EPA Reg. Number:  
83587-1

Date of Issuance:  
FEB 22 2007

Term of Issuance:

Conditional

Name of Pesticide Product:

SmartSilver™ Nylon Fiber

Name and Address of Registrant (include ZIP Code):

NanoHorizons, Inc.  
Suite 205  
200 Innovation Blvd.  
State College, PA 16803

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA sec 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for re-registration of your product under FIFRA section 4.

2. Make the labeling changes listed below before you release the product for shipment:

- a. Add the phrase "EPA Registration Number 83587-1".

Signature of Approving Official:

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

Date:

FEB 22 2007

- b. Revise the first aid statement to read as follows:

First Aid

**IF IN EYES:** Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, and then continue rinsing. Call a Poison Control Center or doctor for treatment advice.

Hot Line Number 1-XXX-XXX-XXXX

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

- c. Revise the subheading, "Precautions" to read "Environmental Hazards".

- d. Revise the precautionary statement to read as follows:

Precautionary Statements  
Hazards to Humans and Domestic Animals  
Caution; Avoid contact with eyes

- e. Place the precautionary statements directly above the Directions for Use section.
- f. Place the phrase, "Keep Out of Reach of Children", directly the signal word Caution.
- g. Revise the Ingredient Statement(s) to appear as follows:

Active Ingredient:  
Silver.....0.2%  
Inert Ingredients.....99.8%  
Total Ingredients.....100.0%

- h. Revise the Application section to read as follows:

<b>Application</b>	<b>MIC</b>
Textile	0.025-0.3%(i.e., 0.025-0.3 lbs of product in 100 lbs of fabric to be treated)

- i. Place the company name, address, EPA Registration Number, EPA Establishment Number, and Net Contents Statement to the bottom left hand corner of the product labeling.

- j. On the bottom of the back panel, place a "Storage and Disposal Statement to read as follows:

#### Storage and Disposal

**Storage** Do not contaminate water, food, or feed by storage or disposal

**Disposal Pesticide Disposal:** Do not discharge effluent containing this into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of a national Pollutant Discharge Elimination System(NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

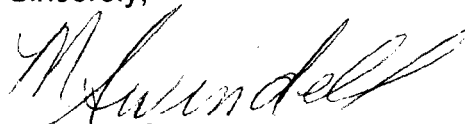
**Container Disposal:** Triple rinse. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other precedures by state and local authorities.

3. Submit three (3) copies of the final printed label prior to releasing this product for sale.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

Sincerely,



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

Enclosure: (Stamped Labeling)

**SmartSilver™ Nylon Fiber**

SmartSilver™ is an antimicrobial silver- nylon fiber that is used for commercial and industrial applications. SmartSilver™ contains an antimicrobial agent to control odors and inhibit the growth of bacteria and fungus in products.

**Active Ingredient:**

Silver	0.2%
Inert Ingredients	99.8%
Total Ingredients	100%

**Directions for Use**

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

**Blending and Formulating Instructions for the Listed Material**

The percentage of SmartSilver™ fiber used in any specific applications will depend on the requirements of the manufacturer, the product design and the method of manufacture. Products containing SmartSilver™ may not make any public health claims or claims of antimicrobial activity other than protecting article itself against bacteria growth and mold in the treated article.

<b>Application</b>	<b>MIC</b>
Textile Manufacturing	0.025-0.3%

Applications include base layer apparel, outerwear, nonwoven textiles, linens.

**Precautions**

- a. Silver is toxic to fish and aquatic invertebrates.
- b. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of E.P.A.

**ACCEPTED  
with COMMENTS  
as EPA Letter Dated:**

**FEB 22 2007**

**Under the Federal Insecticide,  
Fungicide, and Rodenticide Act as  
amended, for the pesticide,  
registered under EPA Reg. No.**

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