

75497-2

5-5-2005

1/13

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

MAY 5 2005

Mr. Rob Adams, Jr.
Consultant for Nova BioGenetics, Inc
5145 Forest Run Trace, Suite B
Alpharetta, GA 30022-4504

SUBJECT: BioShield AM 500 I
EPA Registration Number: 75497-2
Application Dated: January 26, 2005
Receipt Date: February 4, 2005

Dear Mr. Adams:

The following amendment, submitted in connection with registration under section 3(c)(7)(A) of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is acceptable with the conditions listed below:

- update label language
- add new sites and directions for use

Label Comments

Make the following changes to your labeling:

A. Make the following revisions to page two:

1. Revise the Environmental Hazards section to state: "Every effort should be made to contain accidental spills of AM500 I to the immediate..."
2. Revise the Directions for Use by inserting the following statement immediately proceeding "This product is registered for formulation..." add: "**For Industrial Use Only**"

B. Make the following revisions to page three:

1. Under Approved Uses revise to state: "The active ingredient in AM 500 I is effective against..."

CONCURRENCES							
MBOL	7510C						
SURNAME	J. Adams						
DATE	5/5/05						

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2. You have stated that your product is for use in residential locations and have proposed uses on wood, wood composites, and freshly sawn wood. The Agency has concerns that this treated wood may be used for landscape timbers, docks, boardwalks, decking and deck furniture and other dimensional lumber. Environmental Fate and Ecological Effects Data will be needed to support the proposed wood uses. In addition, chronic toxicity data as well as a Surface Residue Dissipation/Dislodgeable Residue (Surface Wipe Sampling) 875.2300, 875.2900 and a Leaching study will be needed. Since this data has not been provided the surface "wood" must be deleted from the "Uses" and the surfaces "wood, wood composites" must be deleted from the "Types of Finished Products". Also delete the surfaces "wood" from the directions for the use of this product for mold and mildew control and delete the entire set of directions for treatment of "Freshly Sawn Wood" as well as the section of directions for treatment of "Composite Wood Products."

If you are interested in pursuing the addition of these uses to this label, please contact us for a pre-registration meeting to further discuss these requirements.

3. As previously discussed on 1/13/05, delete the references to the treatment of fiberglass and fiberglass duckboard.

C. Make the following revisions to page four:

1. Revise the rate for treatment of metal products to indicate .625% active. Delete the reference to .2% to .5% active.

2. Since your label includes use on louvers and vents, add the following statement immediately following the heading "Metal Products." Add: *"Not for treatment of in place Heating, Ventilation, Air Conditioning, and Refrigeration Systems surfaces such as louvers, vents and ducts."*

3. Revise the "Preventative Treatment" section as previously discussed on 1/13/05 by deleting the statement: "Permit treated surfaces to thoroughly dry before painting or affixing overlayment materials such as siding, wallboard or flooring." Replace with *"Let surfaces dry thoroughly before applying additional coatings."*

D. Make the following revisions to page five:

1. As previously discussed on 1/13/05, delete the references to the treatment of fiberglass under the uses "Fibers and Fabrics".

2. As discussed previously, since this is a manufacturing use product, delete the inappropriate language: "For Commercial Spray Application" and replace with *"For Spray Application."*

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E. Make the following revisions to page six:

1. Revise the statement immediately following the "Paints and Coatings" uses to read as follows: "AM 500 I can be used in paints and coatings as an in can preservative for protections of paint film and coating film. The final article may..."

2. Revise the directions for "Paints and Coatings" by deleting the confusing language to read exactly as follows: "...such as where painted surfaces frequently are warm and moist. Disperse..."

F. Make the following revisions to page seven:

1. As discussed on 1/13/05, this product is not for end use applications and does not include directions for such use. Thus delete the following phrase from the first statement on this page: "or post-added to a finished paint product after manufacture." Also delete the: "Note: If AM 500 I is used to produce post-manufacturing paint additive products, such product must be distributed to and used by only professional personnel engaged in the mixing or blending of paints. Such post-manufacturing paint additive products may be sold directly to homeowners or non-professional painters."

2. Revise the section which begins: "AM 500 I may be used in materials that are incorporated..." by deleting the following phrase which does not fit in this section: "the wiping cloths do not impart pesticide properties."

3. Clarify the "Miscellaneous" uses by indicating the this product is for treatment of air filters for furnaces, air conditioners, air purification devices, automobiles, and recirculating air handling systems by correcting this section to read: "*air filters to be installed in furnaces; air conditioners, air purification devices, automobiles, and recirculating air handling systems*"

G. Make the following revision to page eight:

Revise the description of the Types of Finished Products to read: "...disposable wiping cloths that can be used...dishes, counter tops: *these do not impart pesticidal properties.*" Delete this phrase from the statement immediately following the list of finished products.

H. Make the following revisions to page nine:

1. Revise the "Storage and Disposal" instructions by adding directions for 275 portable tanks and 5500 gallon trucks as follows: "*Return 275 gallon portable tanks to dealer or distributor for refilling. When empty, return 5500 gallon tankers to manufacturer for refilling.*"

2. The Agency has checked your company web site and is unable to find MSDS information at this site. Thus delete the following statement referring to MSDS sheets: "~~or obtain from our website www.novabiogenetics.com.~~"

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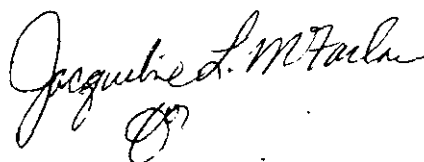
General Comments

A stamped copy of the accepted labeling is enclosed. Submit one (1) copy of your final printed labeling before distributing or selling the product bearing the revised labeling.

Submit and/or cite all data required for registration/reregistration of your product under FIFRA section 3 (c) (5) and section 4 (a) when the Agency requires all registrants of similar products to submit such data.

If the above conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6 (e). Your release for shipment of the product bearing the amended labeling constitutes acceptance of these conditions. Should you have any questions concerning this letter, please contact Tracy Lantz at (703) 308-6415.

Sincerely,



Velma Noble
 Product Manager (31)
 Regulatory Management Branch I
 Antimicrobials Division (7510C)

Enclosures: Stamped label
 7510C:T.Lantz:5/5/05:75497-2b

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MBOL							
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**BIOSHIELD AM 500 I
ANTIMICROBIAL AGENT *
For Manufacturing Use Only**

A Silicone Quaternary Ammonium Salt

Active Ingredient:	3-(trihydroxysilyl) propyldimethyloctadecyl ammonium chloride.....	5.0%
Other Ingredients:	95.0%
TOTAL INGREDIENTS:	100.0%

KEEP OUT OF REACH OF CHILDREN

WARNING

EPA Reg. No. 75497-2

EPA EST. xxxxx-GA-xxxx

NET CONTENTS: 2, 4, 8, 16, 20, 22, or 36 fluid oz.; 1, 5, 55, 150, 275 gal or 5500 gal (tanker qty)

Lot No. _____

FIRST AID

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

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 poison control center or doctor for treatment advice.

IF INHALED:

- Move person to fresh air.
- If person is not breathing, call 911 or an ambulance, and then give artificial respiration, preferably mouth-to-mouth, if possible.
- Call a poison control center or doctor for further treatment advice.

IF ON SKIN:

- 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.

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with COMMENTS
in EPA Letter Dated:

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IF SWALLOWED:

- Call a 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 a poison control center or doctor.
- Do not give anything by mouth to an unconscious person.

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

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* An Antimicrobial agent is an agent that inhibits the growth of odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew), and algae. This product does not protect users or others against food-borne or disease-causing bacteria.

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**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

WARNING. Causes substantial but temporary eye injury. Harmful if absorbed through skin or inhaled. Do not get in eyes or on clothing. Avoid contact with skin and avoid breathing vapor. Wear protective eyewear (goggles or face shield). Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish. 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 the EPA.

Every effort should be made to contain accidental spills of concentrate to the immediate area. This may be accomplished by the use of sandbags or barrier material to confine the spill to facilitate cleanup and disposal. Contaminated sands or barrier material may then be disposed of by burial in an approval landfill. Many spills may be cleaned up with rags or other absorbent materials by wiping, soaking and/or mopping and allowing the liquid to absorb onto the material. The absorbent material may then be disposed of by incineration or landfill. Floor drains in areas of material use should be protected with absorbent material or barrier material to contain accidental spills.

De-activation may be required during clean up if a spill occurs. De-activation of AM 500 I can be achieved by the addition of anionic surfactant (such as soap, sulfonates, sulfates) in quantity equivalent to that of AM 500 I.

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in EPA Letter Dated:

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DIRECTIONS FOR USE

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

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

Do not use in any application involving direct or indirect food or drinking water contact.

For use in Formulating, Manufacturing, and Fabricating of Treated Article Products Specified under "approved uses." AM500 I may be used in materials that are incorporated into manufactured products. The final article may contain from 0.1 to 1.0% by weight active ingredient.

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This product is registered for formulation into Antimicrobial Products or as a microbiostatic agent for material preservation; neither this product nor the articles treated with this product may state or imply any public health claims. Articles or substances treated with this product will be exempt from FIFRA regulation pursuant to 40 CFR 152.25 (a) if the intended use for incorporating this material into a treated article or substance is for the protection of the article or substance itself.

APPROVED USES: The active ingredient in AM500 I am effective against fungi (including, mold and mildew) and algae as a static agent. AM500 I can be used for incorporation into the treatment of the following items or substrates to impart bacteriostatic/fungistatic activity. AM500 I Antimicrobial may be applied to or incorporated into manufactured products listed below for use in industrial, institutional, commercial or residential locations for non-food contact uses

USES	TYPES OF FINISHED PRODUCTS
BUILDING MATERIALS AND COMPONENTS metal, plastic, concrete	Siding, wall board, insulation, concrete and concrete products, cinder blocks, brick, stone, ceiling tiles, architectural metal, louvers, vents, coping.

AM 500 I may be used in materials that are incorporated into manufactured products at the point of manufacturing. The final article may contain from 0.1 to 1.0% by weight active ingredient. Contact Nova BioGenetics, Inc. to determine the specific rates within this range for individual finished products.

MOLD AND MILDEW CONTROL IN WALLBOARD, CONCRETE, AND MASONRY (CINDER) BLOCK CONSTRUCTION (Used In the Manufacture of construction products)

AM 500 I is used to treat wallboard, concrete, and masonry (cinder) block building materials to inhibit the growth of mold and mildew organisms when the materials are subjected to moist or wet environments.

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[REDACTED]

[REDACTED] growth on freshly [REDACTED]

[REDACTED] water, or water. Use at a rate of 1.0% by weight active ingredient in [REDACTED] to be treated [REDACTED]

[REDACTED] and treatment suspension while wood is being treated [REDACTED]

[REDACTED] in any manner [REDACTED]

[REDACTED] of water.

CONCRETE / PRODUCTS

AM 500 I when used as a concrete additive is added directly during concrete preparation. Use 16 fluid ounces AM 500 I per cubic yard (approx. .2% active by weight of water) of concrete. Add to water before addition of concrete. Addition of AM 500 I reduces deterioration of sewer pipes and manholes by inhibiting microbiologically induced corrosion. AM 500 I can be used as a concrete additive for repair and renewal of sewer pipes and manholes and concrete sewer structures. Do not use in treatment of storm drains.

[REDACTED]

[REDACTED] protection for composite [REDACTED] board or cardboard material for building siding [REDACTED]

[REDACTED] flooring, floor panels and [REDACTED] the wood composite material while it is being [REDACTED]

[REDACTED] portable roof [REDACTED] [REDACTED] [REDACTED]

[REDACTED] the wood is intended to be exposed to conditions with continuous [REDACTED]

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high levels of moisture... composite material as it is being ground, with...
 [REDACTED]

METAL PRODUCTS

Dilute 16 ounces of AM 500 I per gallon of water (1.0% active); mix well. Apply and then let stand until dry or let stand 3 minutes and wipe dry with cloth or sponge. If spotting occurs, wipe with moist cloth or sponge. AM 500 I treats approximately 200 square feet per diluted gallon of water.

PREVENTATIVE TREATMENT

To inhibit surface mold and mildew growth on wood, **wallboard, concrete, and masonry (cinder) block construction materials**, Mix AM 500 I into water at the rate of 2 gallons (21 lb) per 100 gallons of water and apply evenly by paintbrush, airless sprayer, low pressure hand wand, or backpack sprayer. Assure uniform coverage of surfaces to be protected (approximately 500 sf per gallon). Surfaces should be evenly wet without runoff or pooling. Permit treated surfaces to thoroughly dry before painting or affixing overlayment materials such as siding, wallboard or flooring.

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USES	TYPES OF FINISHED PRODUCTS
ROOFING MATERIALS	Shingles, roofing granules, tiles, membranes, underlayment, wood shakes, felt, stone, concrete, synthetic overcoats.

AM 500 I may be used in materials that are incorporated into manufactured products at the point of manufacturing. The final article may contain from 0.1 to 1.0% by weight active ingredient. Contact Nova BioGenetics, Inc. to determine the specific rates within this range for individual finished products.

USES	TYPES OF FINISHED PRODUCTS
WALLS AND FLOORING	Vinyl, wood, laminet, concrete, tile, stone, wallboard, plaster, dryvit concrete, cinder block, brick, wall paper and wall coverings, carpet, underlayment, mats.

AM 500 I may be used in materials that are incorporated into manufactured products at the point of manufacturing. The final article may contain from 0.1 to 1.0% by weight active ingredient. Contact Nova BioGenetics, Inc. to determine the specific rates within this range for individual finished products.

For Dipping/Soaking/Padding Application: Dilute 8 ounces of AM 500 I per gallon of water (2 oz. per quart; 1oz. per pint); mix well. Completely submerge item in solution for 3 minutes. Remove item and dry. Test for staining and color-fastness of fabrics by treating and drying a small, concealed area prior to application. Do not reuse solution after dipping/soaking.

For Spray Application: Dilute 8 ounces of AM 500 I per gallon of water (2 oz. per quart; 1oz. per pint); mix well. Apply and then let stand until dry or let stand 3 minutes and wipe dry with cloth or sponge. If spotting occurs, wipe with moist cloth or sponge. Test for staining and color-fastness of fabrics and carpets by treating and drying a small, concealed area prior to application. AM 500 I treats approximately 200 square feet per diluted gallon of water. When treating coarser substrates, more AM 500 I may be required due to absorption. Dry articles in accordance with standard manufacturing drying procedures.. A fan may be used to assist in drying carpeting.

The substrate can be dried at room temperatures or at temperatures to a maximum of 160° C (320° F), or industry standards for drying.

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USES	TYPES OF FINISHED PRODUCTS
<p>FIBERS AND FABRICS (NATURAL AND SYNTETIC, WOVEN AND NON-WOVEN) Acetates, acrylics, cotton, fiberglass nylon, lycra, polyester, polyethylene, polyolefins, polypropylene, rayon, spandex, vinyl, wool, orlon, silk and blends of these fibers and natural down. [REDACTED]</p>	<p><u>Apparel</u> including recreational gear, sportswear, sleepwear, sock, hosiery, undergarments, gloves, uniform, footwear (boots, shoes and components) shoe insoles, athletic and casual shoes. <u>Outwear</u> (jackets, sweaters, sweatshirts, coats, raincoats, overcoats, jerseys, ponchos) bedspreads, blankets, sheets, pillow covers, quilts, pillows, mattress pad, ticking, filling, sleeping bags. <u>Upholstery</u>, curtains, drapery, mats, throw rugs, furniture, vinyl, toweling, awning, tents, tarpaulin, sails, rope and other outdoor equipment, umbrellas</p>

AM 500 I may be used in materials that are incorporated into manufactured products at the point of manufacturing. The final article may contain from 0.1 to 1.0% by weight active ingredient. Contact Nova BioGenetics, Inc. to determine the specific rates within this range for individual finished products.

AM500 I is approved for use in formulation microbiostats for use in laundry additives, carpet treatment products, and upholstery and drapery treatment products.

[REDACTED]: Dilute 8 ounces of AM 500 I per gallon of water (2 oz. per quart; 1oz. per pint); mix well. Apply and then let stand until dry or let stand 3 minutes and wipe dry with cloth or sponge. If spotting occurs, wipe with moist cloth or sponge. Test for staining and color-fastness of fabrics and carpets by treating and drying a small, concealed area prior to application. AM 500 I treats approximately 200 square feet per diluted gallon of water. When treating coarser substrates, more AM 500 I may be required due to absorption. Dry articles in accordance with standard manufacturing drying procedures.. A fan may be used to assist in drying carpeting.

For Dipping/Soaking/Padding Application: Dilute 8 ounces of AM 500 I per gallon of water (2 oz. per quart; 1oz. per pint); mix well. Completely submerge item in solution for 3 minutes. Remove item and dry. Test for staining and color-fastness of fabrics by treating and drying a small, concealed area prior to application. Do not reuse solution after dipping/soaking. The substrate can be dried at room temperatures or at temperatures to a maximum of 160° C (320° F), or industry standards for drying.

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USES	TYPES OF FINISHED PRODUCTS
<p data-bbox="140 167 476 196">PAINTS AND COATING</p> <div data-bbox="685 203 950 349" style="text-align: center;"> <p>ACCEPTED with COMMENTS in EPA Letter Dated: MAY 5 2005</p> </div> <p data-bbox="657 358 1009 483">Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide, registered under EPA Reg. No.</p> <p data-bbox="707 483 892 527">75497-2</p>	<p data-bbox="1095 167 2007 539">AM500 I can be used in paints and coatings as an in can preservative for protection of paint film and coating film. Types of paints and coatings include : latex indoor/outdoor paints and stains, woodstains, architectural paints, lacquer and maintenance coatings, films, laminates and finishes including alkyd, urethane, enamel, epoxy, siloxaline , amino resins, textile coatings, extrusion coatings, architectural coatings and overlays, anti-corrosion coatings, fire-resistant coatings, aliphatic coatings, vinyl ester and polyester coatings, gel coatings, amino resins, resins used as additive mixes for cement, epoxy laminating resins, and blends and copolymers thereof;</p>

AM 500 I may be used in materials that are incorporated into manufactured products at the point of manufacturing. The final article may contain from 0.1 to 1.0% by weight active ingredient. Contact Nova BioGenetics, Inc. to determine the specific rates within this range for individual finished products.

PAINTS AND COATINGS

IN CAN PRESERVATIVE USE

Incorporate this product into coating that are intended for end use applications. The purpose of the coating is to seal the end product from moisture and corrosion. The purpose of AM 500 I in the coating as an in can preservative is to inhibit the growth of mold, mildew, fungus and bacteria that cause odor, discoloration, staining, deterioration or corrosion on the surface of the coating film. The product protects the applied coating itself from microorganism attack, not the underlying substrate. This product is not intended for remediation, prevention or control of existing or anticipated public health related microorganisms.

PAINTS AND COATINGS

Disperse 100.9 lb to 151.35 pounds (100.9 lb = 100.9lb / 1,009lb.x 5% active of AM 500I = .5% active)) of AM 500 I per 100 gallons (1,009lbs = 100 gal. Specific gravity= 1.2) of exterior paint to obtain effective mildew control in the paint film after it is applied. Use the high rate in areas favorable to mildew and mold growth, such as where painted surfaces frequently are warm and moist. AM 500 I, Disperse 151.35 lbs pounds (151.35 lb = 151.35 lbs / 1,009lb.x 5% active of AM 500I = .75% active)) of AM 500 I per 100 gallons (1,009lbs = 100 gal. Specific gravity= 1.2) when added to stains designed for exterior wood, also protects the wood from surface molds and mildew stains caused by fungi.

Disperse 100.9lb to 151.35 pounds (100.9 lb = 100.9lb / 1,009lb.x 5% active of AM 500I = .5% active)) of AM 500 I per 100 gallons (1,009lbs = 100 gal. Specific gravity= 1.2) of interior latex paint.

AM 500 I can be used with either unmodified or alkyd modified acrylic, vinyl acrylic, or polyvinyl acetate latexes.

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AM 500 I can be added into the paint formula during the pigment grind operation, during or after letdown, or post-added to a finished paint product after manufacture.

AQUEOUS ADHESIVES COATINGS

AM 500 I may be incorporated into adhesives to protect the applied adhesive films from mold growth and decomposition. Fully disperse 100 pounds to 150 pounds (100 lb = 100lb / 1,000lb.x 5% active of AM 500I = .5% active) of AM 500 I per 1,000 pounds of adhesive while it is being manufactured. Use the high rate in areas favorable to mildew to mold growth, such as where surfaces frequently are warm and moist. **DO NOT** use in adhesives designed for applications on food-contact surfaces, or on the interior of buildings engaged in food processing or food handling.

AQUEOUS CAULKS AND SEALANT COATINGS

To provide mildew and mold control on caulking or sealing deposits after application, fully disperse 100 pounds to 150 pounds (100 lb = 100lb / 1,000lb.x 5% active of AM 500I = .5% active) of AM 500 I per 1,000 pounds of caulk or sealant products while they are being manufactured. The high rate is recommended for exterior caulks.

DO NOT use in caulks or sealants designed for applications on food-contact surfaces.

NOTE: AM 500 I is not to be used to produce post-manufacturing paint additive products. Such products should only be used by only professional personnel engaged in the mixing or blending of paints. Such post-manufacturing paint additive products may be sold only to homeowners or non-professional painters.

DO NOT use in paints designed for applications on food-contact surfaces.

AM500 I may be used in materials that are incorporated into manufactured products. The final article may contain from 0.1 to 1.0% by weight active ingredient; the wiping cloths do not impart pesticide properties. Contact Nova BioGenetics, Inc. to determine the amount of AM 500 I for individual finished products.

For Dipping/Soaking/Padding Application: Dilute 8 ounces of AM 500 I per gallon of water (2 oz. per quart; 1oz. per pint); mix well. Completely submerge item in solution for 3 minutes. Remove item and dry. Test for staining and color-fastness of fabrics by treating and drying a small, concealed area prior to application. Do not reuse solution after dipping/soaking/padding.

	USES	TYPES OF FINISHED PRODUCTS
<p>MISCELLANEOUS</p> <div style="text-align: center;"> <p>ACCEPTED with COMMENTS in EPA Letter Dated: MAY 5 2005</p> <p>Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide, registered under EPA Reg. No. 75497-2</p> </div>	<p>Polyurethane and cellulose foam for household, industrial, and institutional sponges and mop, polyurethane and polyethylene foam, when covered, polyurethane foam for packaging and cushioning in non-food contact applications, polyurethane foam used as a growth medium for non-food crops and plants, pre-moistened towelettes and tissue wipes (these do not impart pesticidal properties), vacuum cleaner bags and filters, sponges and mops, disposable polyurethane foam cushions for Lapidus Airfloat Systems, non-woven disposable diapers, foam for packing and cushioning in non-food contact applications, conveyor and humidifier belts, buffer pads (abrasive and polishing), bathroom and non-food contact kitchen hardware, air filters for furnaces, air-</p>	

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conditioners, air purification devices, automobiles, recirculating air handling systems. Disposable wiping cloths that can be used for multiple purposes such as dusting or washing furniture, cars, walls, windows, floors, appliances, dishes, counter tops.

AM 500 I may be used in materials that are incorporated into manufactured products at the point of manufacturing. The final article may contain from 0.1 to 1.0% by weight active ingredient. Contact Nova BioGenetics, Inc. to determine the specific rates within this range for individual finished products.; the wiping cloths do not impart pesticide properties.

For Dipping/Soaking/Padding Application: Dilute 8 ounces of AM 500 I per gallon of water (2 oz. per quart; 1oz. per pint); mix well. Completely submerge item in solution for 3 minutes. Remove item and dry. Test for staining and color-fastness of fabrics by treating and drying a small, concealed area prior to application. Do not reuse solution after dipping/soaking/padding.

EPA REGISTRATION REQUIREMENTS:

The applications for which this product is used may require approval by the Environmental Protection Agency on an end-use basis in regard to claims made thereof. Formulators are responsible for satisfying registration requirements for their products.

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STORAGE AND DISPOSAL

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

Pesticide Storage: Store in original, tightly closed containers below 30°C (86°F) and above 0°C (32°F) in a secure area inaccessible to children and away from food or feed.

Pesticide Disposal: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

Container Disposal: 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.

FOR MORE INFORMATION CONCERNING THIS PRODUCT, PLEASE CONSULT THE MATERIAL SAFETY DATA SHEET (MSDS). THE MSDS CAN BE OBTAINED BY WRITING Nova BioGenetics Inc. 8601 Dunwoody Place, Suite 338, Atlanta, Georgia 30350 **NOVABIOGENETICS.COM**

IMPORTANT: WARRANTY AND DISCLAIMER INFORMATION

Nova BioGenetics Inc., warrants that the product conforms to its chemical description and is reasonably fit for the purposes stated in this bulletin when used in accordance with directions under normal conditions of use; but this warranty of fitness for a particular purpose does not extend to the use of this product contrary to bulletin instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to the seller, and buyer assumes the risk of any such use.

NOVA SPECIFICALLY DISCLAIMS ANY OTHER EXPRESS OR IMPLIED WARRANTY, INCLUDING THE WARRANTY OF MERCHANTABILITY.

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