

74079-1

07/12/2001

1/6



U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division (H7505C)
401

"M" St., S.W

Washington, D.C. 20460

EPA Reg. Number:

74079-1

Date of Issuance:

JUL 12 2001

Term of Issuance

**TIME LIMITED: EXPIRES
MAY 1, 2003**

Name of Pesticide Product:

**"Antimicrobial Novaron AG
300"**

NOTICE OF PESTICIDE:

Registration
 Re-registration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Toagosei America, Inc.
650 Shawan Falls Drive, Suite 205
Dublin, Ohio 43017

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/re-registered 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 section 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration of your product under FIFRA section 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. Within 3 months of the date of this registration, submit five copies of a revised label which makes the following changes:

Signature of Approving Official:

Marshall Swindell
Acting Product Manager 33
Regulatory Management Branch 1
Antimicrobial Division (7510C)

Date:

JUL 12 2001

- A. Replace the two outdated "First Aid" statements with the appropriate statements listed in PR Notice 2001-1.
- B. Delete the "Environmental Hazards" statement. It is not needed because of the indoor end use applications.
- C. On page 2 of the label, change "...food home..." to "...food borne...".
- D. Change "EPA Reg. No. 11631-2" to "EPA Reg. No. 74079-1".

3. The following outstanding data listed below must be submitted by **May 1, 2002**, and found acceptable. These data are required for the food and water uses on the label. We are allowing these uses until these data are found acceptable, based on the existing FDA food contact approval for this product.

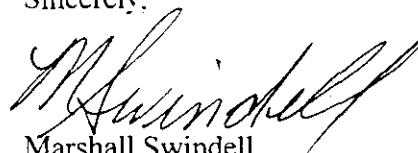
A. Sub-chronic, non-rodent feeding study (830.3150)

B. Two-generation reproductive study (870.3800)

This registration will expire automatically on **May 1, 2003**. All of the deficiencies listed above in items #2 and #3 must be satisfied by the stated due dates for EPA to change the "Term of Issuance". Your release for shipment of the product constitutes acceptance of these conditions. A stamped copy (accepted with comments) of the label is enclosed for your records.

If you have any questions concerning this letter, please contact myself at 703-308-6341, or Tony Kish at (703) 308-9443.

Sincerely,



Marshall Swindell
Acting Product Manager 33
Regulatory Management Branch 1
Antimicrobial Division (7510C)

Enclosure

Antimicrobial Novaron ® AG300

An antimicrobial additive especially designed to withstand high temperatures in the manufacture of plastics, films, fibers polymeric materials and ceramics.

Active ingredient:

Silver sodium hydrogen zirconium phosphate*	99.9%
Other ingredients	0.1%
TOTAL:	100%

*Contains 3.8% silver, weight/weight

KEEP OUT OF REACH OF CHILDREN CAUTION

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS

Causes moderate eye irritation. Do not get in eyes or on clothing. Wash thoroughly with soap and water after handling. Do not breathe dust.

FIRST AID

IF INHALED: Remove victim to fresh air, if not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention.

IF IN EYES: Hold eyelids open and flush with a steady, gentle stream of water for 15 minutes. Get medical attention.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish and other aquatic invertebrates. Do not discharge effluent containing this product into lakes, rivers, streams, ponds, estuaries, marshes, 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 into sewer systems without previously notifying the local sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA.

EPA Reg. No. ~~11631-2~~ 74079-R
EPA Est. 070231-JPN-002

Net Weight 10 Kg (22 Lbs)

Toagosei America
650 Shawan Falls Drive., Ste 205
Dublin, Ohio 43017

ACCEPTED
with COMMENTS
in EPA Letter Dated:

JUL 12 2001

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

74079-1

DIRECTIONS FOR USE:

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

Antimicrobial Novaron ® AG300 is an antimicrobial powder for commercial use. It is designed to be incorporated into materials during the manufacturing process to impart antimicrobial activity to manufactured products.

Antimicrobial Novaron ® AG300 suppresses the growth of bacterial, algae, fungus, mold and mildew.

If microbial activity in the manufactured product could lead to unpleasant odors, discoloration or deterioration of the product, then such a claim may be made for the manufactured product. Manufactured products incorporating ANTIMICROBIAL NOVARON ® AG300 may not make any public health claims relating to antimicrobial activity without first obtaining an EPA registration for the manufactured product which permits such claims. When incorporated into manufactured products, ANTIMICROBIAL NOVARON ® AG300 does not protect users of any such manufactured product or others against food borne or disease causing bacterial, viruses, germs or other disease causing organisms.

ANTIMICROBIAL NOVARON ® AG300 may be incorporated into manufactured products listed below from 0.1% to 2.0% by weight.

Food Contact Uses

Antimicrobial Novaron ® AG300 may be used as an antimicrobial additive in the polymeric manufactured products listed below that are used for manufacturing, packing, packaging, transporting, handling and/or holding food if such use is not intended to have any microbial effect in the food itself. Do not incorporate Antimicrobial Novaron ® AG300 into any food contact polymer unless that food contact polymer and use conditions are approved and listed in 21 CFR 174-186 (inclusive), or in the United States Food and Drug Administration's "Food Contact Substance Notification System." Any incorporation of Antimicrobial Novaron ® AG300 into any food contact substance other than an approved and listed food contact polymer is prohibited.

Plastics, coatings, films and laminates: Including appliances and equipment; barrier fabrics; beverage dispensing equipment; beverage processing equipment; bottles; brush bristles; building materials and components; collection and storage equipment (including conveyor belts, piping systems, silos, tanks and processing vessels); conveyor belts; cookware; countertops and other equipment; food packaging; food processing equipment; food processing equipment; food storage containers and bags; food trays and covers; food wrap (including coated deli paper, coated meat interleaves and plastic wrap); gaskets; general purpose containers; glazing for cement tile and for vitreous china used in plumbing fixtures such as sinks; industrial equipment; insulators; kitchen and bathroom hardware; kitchen and food processing utensils and supplies; liners; mats; mops; natural and synthetic fibers and fabrics; non-woven fabrics; packaging; paper products (wipes and tissues, towels); plastic film; plumbing supplies and fixtures; protective covers; sinks; sponges; tape; tiles; tubing; waste containers.

Fibers: Including table cloths; napkins; wiping cloths; mops; towel; bags; brush bristles; filters; sponges; packaging (including bags, sacks, wraps, cushion and absorbent materials, containers); conveyor belts; clothing apparel (including uniforms, outerwear, gloves, aprons, coats); kitchen, commercial and industrial wipes and fabrics; food packaging (containers and bags).

Adhesives and sealants: Including adhesives used in the manufacture of wood and plastic composites; adhesives for ceramic tile, wood, paper, cardboard, rubber and plastic; grout and joint compound; sealant for pipes, adhesives, sealant and insulating materials for appliances; plumbing adhesives; adhesives for packaging.

ACCEPTED
with COMMENTS
in EPA Letter Dated:

JUL 12 2001

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

74079-1

Drinking Water Contact Uses

Antimicrobial Novaron ® AG300 may be used for the human drinking water contact uses listed below. The additive may be incorporated into food bowls and water bowls, dishes, and other containers used by domestic animals. Do not use for any food or drinking water applications involving non-domestic animals.

Plastics; Fibers; Coatings, films, and laminates; Adhesives and sealants: Including ice making equipment (water pans, piping, tubing, guards, ice storage bins, ice scoops, buckets, valves, and gaskets); drinking water contact materials (water bottles, cups, gaskets, plumbing fixtures, storage tanks, water piping, tubing, valves, spigots, coolers, water dispensing components, housing units, and water filter components).

Non-Food Contact Uses

Antimicrobial Novaron ® AG300 may be incorporated into manufactured products listed below for non-food contact uses. Antimicrobial Novaron AG300 also may be used for non-food contact uses in any manufactured product listed above for Food Contact Uses or Drinking Water Contact Uses.

Plastics, coatings, films and laminates: Including appliances and equipment; automotive and vehicular parts; barrier fabrics; brush handles; building materials and components; collection and storage equipment (including conveyor belts, piping systems, silos, tanks and processing vessels); concrete; conveyor belts; countertops; floor covering; flooring; footwear including boots; furniture; gaskets; general purpose containers; glazing for cement tile and vitreous china used in plumbing fixtures such as toilets, sinks, countertops; indoor and outdoor furniture; industrial equipment; insulation for wire and cable; insulators; kitchen and bathroom hardware; liners; mats; mops; natural and synthetic fibers and fabrics; non-woven fabrics; packaging; paper products (wipes and tissues, wall coverings, towels, book covers); plastic film; plumbing supplies and fixtures; protective covers; roofing shingles; shower curtains; siding; sinks; sponges; sports equipment; tape; tiles; tools; tubing; vacuum cleaner bags; wallboard; walls; waste containers.

Fibers: Including Mattress cover pads and filling; pillow covers; sheets; blankets; fiberfill for quilts and pillows; curtains; draperies; carpet and carpet underlay; rugs; upholstery; table cloths; napkins; wiping cloths; mops; towels; bags; wall covering fabrics; cushion pads; sleeping bags; brush bristles; filters; sponges; packaging; conveyor belts; automotive and truck upholstery; carpeting; rear decks; trunk liners; convertible tops and interior liners; umbrellas; outerwear; uniforms; coats; aprons; sportswear; sleepwear; stockings; socks; hosiery; caps; undergarments; inner liners for jackets; shoes; gloves and helmets; artificial leather; book covers; cloth for sails; ropes; tents and other outdoor equipment; tarps; awnings.

Adhesives and sealants: Including adhesives used in the manufacture of wood and plastic composites; adhesives for ceramic tile, wood, paper, cardboard, rubber and plastic; glazing for windows; grout; sealant for pipes; adhesives; sealants and insulating materials for appliances, bathrooms, showers, kitchens, and construction; plumbing adhesives; adhesives for packaging.

Miscellaneous Manufactured Products: Toilets; sinks; tile; flooring; stucco; plaster; cat litter; drainage and sewerage pipe.

ACCEPTED
with COMMENTS
in EPA Letter Dated:

JUL 12 2001
Under the Federal Insecticide,
Fungicide, and Rodenticide Act as
amended, for the pesticide,
registered under EPA Reg. No.

74079-1

Questions: 614-718-3855 (8:00 a.m. to 5:00 p.m., Eastern Time)

STORAGE AND DISPOSAL

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

Storage: Do not store in areas accessible to children. Keep containers covered during storage and away from water and excessive moisture or humidity.

Disposal: Wastes from the use of this product may be disposed of on site or at an approved waste disposal facility. Container Disposal: Completely empty bags into processing equipment where the pesticide is used. Then dispose of empty bag and box in sanitary landfill or by incineration, if allowed by state and local authorities.

WARRANTY STATEMENT

Toagosei America warrants that this product conforms to the chemical description on the label. Toagosei America makes no warranties of merchantability or fitness for a particular purpose or any other expressed or implied warranty except as stated above.

Draft Label Revision: 1-25-2001

ACCEPTED
with COMMENTS
in EPA Letter Dated:

JUL 12 2001

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

74079-1

