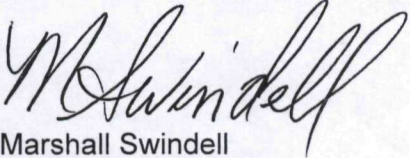
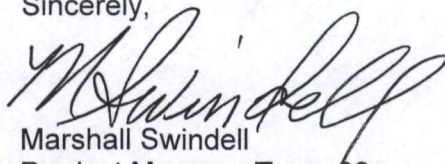
 <p style="text-align: center;">U.S. ENVIRONMENTAL PROTECTION AGENCY Office of Pesticide Programs Antimicrobials Division (7510P) 1200 Pennsylvania Avenue NW Washington, D.C. 20460</p> <p style="text-align: center;">NOTICE OF PESTICIDE: <u> x </u> Registration <u> </u> Reregistration</p> <p>(under FIFRA, as amended)</p>	EPA Reg. Number: 85249-2	Date of Issuance: December 1, 2011
	Term of Issuance: Conditional	
	Name of Pesticide Product: HeiQ AGS-20 U	
Name and Address of Registrant (include ZIP Code): HeiQ Materials AG Zürcherstrasse 42 CH-5330 Bad Zurzach Switzerland		
<p>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.</p>		
<p>On the basis of application and 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. 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.</p> <p>This product (OPP Decision No. 439845) is registered in accordance with FIFRA sec 3(c)(7)(C). The conditions on the registration of this product are provided in the enclosed Appendix A.</p>		
Signature of Approving Official:  Marshall Swindell Product Manager 33 Regulatory Management Branch I Antimicrobials Division (7510P)	Date: DEC 1 2011 Page 1 of 2	

EPA Registration No. 85249-2
Page 2 of 2

This letter constitutes EPA authorization to distribute HeiQ AGS-20 U consistent with the terms and conditions specified in the enclosed Appendix A.

A stamped copy of the label is enclosed for your records. Should you have any questions regarding this letter, please contact me either by phone at (703) 308-6341 or email at swindell.marshall@epa.gov or Demson Fuller by phone at (703) 308-8062 or email at fuller.demson@epa.gov.

Sincerely,



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

Enclosures (2)

1. Appendix A - Data Requirements, Enforceable Schedule, and Conditions of Registration for HeiQ AGS-20
2. Stamped Label

HeiQ[®] AGS-20 U

Antimicrobial Additive for Manufacturing or Formulating Use Only

This product is designed to withstand high temperatures in the manufacture of yarns, filaments, fibers, fiber masterbatches, textile finishes, textile coatings, and coatings on woven or nonwoven textile fabrics. Intended for commercial and industrial use, in manufacturing, formulating and fabricating of treated article products specified in the use directions.

**ACCEPTED
WITH COMMENTS**
EPA Letter Dated:

Active Ingredient: Silver *	DEC 1 2011	19.3 %
Other ingredients		80.7 %
TOTAL:	Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended for the purposes registered under EPA Reg. No.	100.0 %

* includes particles in the size range between 0.1 and 10 microns

KEEP OUT OF REACH OF CHILDREN

CAUTION 85249-2

PRECAUTIONARY STATEMENTS

HAZARD TO HUMANS AND DOMESTIC ANIMALS

Causes moderate eye irritation. Harmful if inhaled, swallowed, or absorbed through skin. Avoid breathing dust. Avoid contact with skin, eyes or clothing. 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.

WORKER PROTECTION

Workers who mix, load, and apply (i.e., handling) HeiQ[®] AGS-20 powder shall do so using engineering controls such as closed system loading or local exhaust ventilation. HeiQ[®] AGS-20 powder cannot be applied using open pouring methods. The engineering controls shall provide, at the least, a 10 fold reduction in the concentration of airborne HeiQ[®] AGS-20 powder as compared to the HeiQ[®] AGS-20 powder concentration generated without engineering controls. In addition, workers exposed to powder are required to wear personal protective equipment including a full-face respirator with high-efficiency filter cartridges (i.e. P100), gloves, a long-sleeve shirt, long pants, shoes plus socks, and overalls or a Tyvek[®] suit during powder handling. The gloves shall be chemically resistant to all of the components of the textile fiber master batch or coating formulations to which the HeiQ[®] AGS-20 powder is added.

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, then continue rinsing. Call a poison center or doctor for treatment advice.

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

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

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.

Have the product container or label with you when calling a poison control center or doctor or going for treatment. For emergency information on (product, use, etc.) call the National Pesticides Information Center at 1-800-858-7378, 6:30 AM to 4:30 PM Pacific time (PT), seven days a week. During other times, call the poison control center 1-800-222-1222.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish, aquatic invertebrates, oysters, clams, and shrimp. 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.

4/4

DIRECTIONS FOR USE

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

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

For Manufacturing or reformulation Use:

HeiQ[®] AGS-20 is an antimicrobial additive for commercial and industrial use. It is designed to be incorporated into materials and intermediate polymer and coating solutions during the manufacturing process to impart durable antimicrobial and preserving activity to manufactured products. The product **suppresses** the growth of odor, stain, discoloration, degradation or contamination causing microbes. If microbial activity in the manufacturing product could lead to unpleasant odors, discoloration, deterioration or contamination of the product, then such claim may be made for the manufactured product. Manufactured products incorporating HeiQ[®] AGS-20 may not make any public health claims relating to antimicrobial activity without first obtaining an EPA registration for the manufactured product. When incorporated into treated articles, HeiQ[®] AGS-20 does not protect users of any such manufactured product or others against food-borne or disease-causing bacteria, viruses, germs or other disease-causing organisms.

This product may be used to formulate products for specific uses not listed on this label if the formulator or primary registrant has complied with the U.S. EPA data requirements regarding the support of such uses. Each repacker or reformulator must obtain appropriate registration from the Environmental Protection Agency to market his product.

STORAGE AND DISPOSAL

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

Pesticide Storage: Do not store in areas accessible to children. Keep containers covered and away from water and excessive moisture or humidity. Store at ambient temperatures.

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

Container Disposal: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill or incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

WARRANTY STATEMENT

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

HeiQ Materials AG
Zuercherstrasse 42
CH-5330 Bad Zurzach
Switzerland
(347) 414-9113

ACCEPTED
with COMMENTS
EPA Letter Dated:
DEC 1 2011
Under the Federal Insecticide,
Fungicide, and Rodenticide Act as
amended, for the purpose of
registered under E.P.A. Reg. No. 85249-2