

PM 31 35900-6

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| US ENVIRONMENTAL PROTECTION AGENCY<br>OFFICE OF PESTICIDES PROGRAMS<br>REGISTRATION DIVISION (TS 767)<br>WASHINGTON, DC 20460  | EPA REGISTRATION NO.<br><b>35900-6</b>  | DATE OF ISSUANCE<br><b>MAR 13 1995</b> |
|  | TERM OF ISSUANCE  |  |
| NOTICE OF PESTICIDE: <input type="checkbox"/> REGISTRATION<br><input type="checkbox"/> REREGISTRATION<br><i>(Under the Federal Insecticide, Fungicide,<br/>         and Rodenticide Act, as amended)</i> | NAME OF PESTICIDE PRODUCT<br><b>Hygene Mark II Bacteriostatic<br/>         Water Filter</b> |  |

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

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**Ionics, Inc.**  
**3039 Washington Pike**  
**Bridgeville, PA 15017**

}

**NOTE:** Changes in labeling formula 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 U.S. 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.

A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.

Registration is in no way to be construed as an indorsement or approval of this product by this 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.

Based on your response to the Silver Reregistration Eligibility Document, EPA has reregistered the above named product subject to the comments recorded in the succeeding paragraph. This action is taken under the authority of section 4(g)(2)(C) of the Federal Insecticide, Fungicide, and Rodenticide Act, as amended. Reregistration under this section does not eliminate the need for continual reassessment of pesticides. EPA may require submission of data at any time to maintain the registration of your product. Make the following labeling changes before you release the product for shipment: Make the following labeling changes listed below before you release the product for shipment:

- a. Add the phrase "EPA Registration No. 35900-6."
- b. Include the appropriate EPA Establishment No.
- c. Revise the statement "Removes ....tap water" to read "This product is designed to remove objectionable tastes, odors, and color from municipally treated tap water."

ATTACHMENT IS AVAILABLE

SIGNATURE OF APPROVING OFFICIAL

- d. Delete the entire "Environmental Hazards" section from the product labeling because this section must only appear on manufacturing-use products intended for use for human drinking water systems.
- e. Place the phrase "Keep Out of Reach of Children" directly above the signal word "Caution."
- f. Place the misuse statement, "It is a violation of Federal Law to use this product in a manner inconsistent with its labeling" directly below the subheading "Directions for Use."
- g. Place the "Storage" section directly above the "Disposal" section.
- h. Delete the "Use" section from the product labeling.
- i. Revise the statement "Removes objectionable tastes....tap water" to read as follows "This product is designed to remove objectionable tastes, odors, and color from municipally treated tap water."

The Confidential Statement of Formula dated April 11, 1994, is in compliance with PR Notice 91-2, it agrees with the label and is acceptable.


The revised, updated label's ingredient statement is in compliance with PR Notice 91-2, it agrees with the Confidential Statement of Formula and is acceptable.

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

) Submit one copy of final printed labeling before releasing the product in channels of trade with the revised labeling.

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.

Sincerely,



Walter C. Francis  
Acting Product Manager (31)  
Antimicrobial Program Branch  
Registration Division (7505C)



# IONICS

**IONICS, INCORPORATED**

BRIDGEVILLE PLANT

HYGENE MARK II  
BACTERIOSTATIC WATER FILTER MEDIA  
EPA REGISTRATION NO. 35900-6

P.O. BOX 99, BRIDGEVILLE, PENNSYLVANIA 15017

### HYGENE BACTERIOSTATIC WATER FILTER MEDIA

- . Removes objectionable tastes, odors, and color from municipally treated tap water
- . Inhibits the growth of bacteria within the media bed to prolong the life of the filter

ACCEPTED  
with COMMENTS  
in EPA Letter Dated

MAR 13 1995

Under the Federal Insecticide, Fungicide, and Rodenticide Act, this product is registered under EPA Reg. No.

35900-6

### WHAT IT IS AND HOW IT WORKS

The physical characteristics of HYgene Bacteriostatic Water Filter Media are comparable to those of granular activated carbon, upon which a silver coating has been deposited. Carbon was chosen as the carrier material because of its exceptionally high available surface area for the deposit of silver, and also to perform the usual functions of an activated carbon filter media by removing the many impurities often found in potable water supplies such as turbidity, suspended solids, chlorine, and objectionable tastes and odors.

Silver, which has been chemically plated onto the activated carbon, is the Bacteriostatic agent in HYgene Bacteriostatic Water Filter Media. A Bacteriostatic Filter Media is one which will inhibit the growth of bacteria within the filter bed.

Since "potable" water can, by law, contain a certain number of harmless bacteria indigenous to municipally treated water, the potential for a buildup or growth of these bacteria trapped within the filtering medium does exist.

The low level of bacteria in tap water along with organic compounds normally present in a water supply become trapped in the filter bed medium. After a period of time, the filter bed will contain considerable number of bacteria and in the presence of the organic compounds, which becomes a source of nutrients for bacteria, this filter becomes a breeding place for bacterial growth especially during non-flow periods when the water is not in use, such as overnight.

### WHO MAY USE THIS PRODUCT

HYgene Bacteriostatic Water Filter Media is to be used only for manufacturing or fabricating bacteriostatic water filter products for home use. Filter manufacturers or formulators who use this media are responsible for providing data to the United States Environmental Protection Agency to support the registration of their products.

~~FOR INFORMATION~~

~~FOR INFORMATION~~  
**BEST COPY AVAILABLE**

ACCEPTED  
with COMPLETION  
in EPA LISTING

MAR 13 1995

Under the  
Federal  
and  
registered

35900-6

## HYgene Mark II

### BACTERIOSTATIC WATER FILTER MEDIA

Removes objectionable tastes, odors, color from  
treated municipally - supplied tap water.

Inhibits the growth of bacteria within the filter  
media bed.

**CAUTION: KEEP OUT OF REACH OF CHILDREN**

EPA Reg. No. 35900-6 EPA Est. No. 35900 PA 01

#### ACTIVE INGREDIENT

METALLIC SILVER----- 0.5% LOT No. \_\_\_\_\_

#### INERT INGREDIENT

ACTIVATED CARBON---- 99.5% NET CONTENTS \_\_\_\_\_cu. ft.

STORAGE----- Store in closed container which excludes  
moisture and fumes.

DIRECTIONS FOR USE----- Refer to enclosed product data sheet.

DISPOSAL OF SPENT MEDIA---- Retain Shipping carton and liner for disposing  
of exhausted filter media with trash.

~~This product is to be used only for  
manufacturing or fabricating Bacteriostatic  
Water Filter Products for home use.~~

Another fine product by the manufacturers of General Ionics Water Conditioning Equipment.

IONICS, INC. Routes 519 & 50 P.O. Box 99 Bridgeville, Pa. 15017

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