

PM 31 66982-2

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US ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDES PROGRAMS REGISTRATION DIVISION (75-767) WASHINGTON, DC 20460	EPA REGISTRATION NO. 66982-2	DATE OF ISSUANCE MAY 18 1994
	TERM OF ISSUANCE	
	NAME OF PESTICIDE PRODUCT Type R2	

NOTICE OF PESTICIDE: REGISTRATION
 REREГИSTRATION
 (Under the Federal Insecticide, Fungicide,
 and Rodenticide Act, as amended)

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

Haycarb Limited
 400, Deans Road
 Colombo, 10
 Sri Lanka

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.

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

1. Submit/cite all data required for registration/reregistration 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 reregistration 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 No. 66982-2".
 - b. Delete the word silver nitrate from the ingredient section. The only active ingredient is metallic silver.
 - c. It is preferred that the inert ingredient: activated carbon be deleted from the label only. It is not necessary to declared this ingredient on the label.
 - d. Add the statement: Use with cold water only.

ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL	DATE
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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

- 2 -

e. Add the following headings and statements:

Precautionary Statements

Hazards to Humans and Domestic Animals

This pesticide is toxic to fish and aquatic invertebrates.

f. Add a referral statement to read: Refer to the "Manufacturers Instructions" and "Product Description" bulletins for additional information.

g. Clearly indicate that the directions provided on the label are for formulators to insert onto their product labels, and are not actual instructions to use this specific product.

h. Clearly indicate on the front panel via a descriptor to state that this product is a bacteriostatic water filter media.

i. Add also the following statement to the label directions. "Formulators using this product are responsible for providing data for the EPA registrations for their formulated products."

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
Acting Product Manager (31)
Antimicrobial Program Branch
Registration Division (H7505C)

CONCURRENCES

SYMBOL								
SURNAME								
DATE								



ACCEPTED
with COMMENTS
in EPA Letter Dated:

MAY 18 1994

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

66982-2

TYPE R2

ACTIVE INGREDIENT

Silver Metallic from Silver Nitrate 0.5%

INERT INGREDIENTS

Activated Carbon 99.5%

KEEP OUT OF REACH OF CHILDREN.

CAUTION

EPA Reg. No. _____

EPA Est. No: 66982-IY-001

BEST AVAILABLE COPY

66982-IY-002

DIRECTIONS FOR USE

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

Haycarb Ltd. recommends an initial rinse with water (i.e. municipal tap water) before application, to remove carbon fines and entrapped air. The rinse rate should be proportional to a bed of 0.25 lbs media at a flow rate of 0.5 gpm for 15 minutes. Following this initial rinse, the inservice flow rate is not to exceed 1 to 3 gallons/min/sq.ft. of filter media.

If the initial rinsings are slightly cloudy, rinse again for another 15 minutes. If the haziness persists, **PLEASE DO NOT USE** this filter media.

APPLICATION

This product is to be used only for manufacturing or fabricating Bacteriostatic Water Filter Media products for household application.

STORAGE AND DISPOSAL

Store in closed container with polythene lining.

PESTICIDE DISPOSAL:

Non-Hazardous. Solid waste disposal.

CONTAINER DISPOSAL:

Retain shipping carton and liner for disposing of exhausted filter media.

LOT NO. _____

BATCH NO. _____

NET CONTENTS: _____ lbs _____ cu.ft.

For details, Contact:

HAYCARB LIMITED

400, Deans Road, Colombo 10, Sri Lanka. Phone: 696331-6, 687565, 691369, 691289.
Fax 94-1-699630 and 94-1-699299 Telex 21146 and 21384 HAYKFN CF

4015

with COMMENTS
in EPA Letter D-10-1
MAY 18 1994

Product of...
Registered under EPA Reg. No.
66982-2

TYPE R2

**HAYCARB LTD BACTERIOSTATIC WATER TREATMENT MEDIA
MANUFACTURER'S INSTRUCTIONS
DIRECTIONS FOR USE**

It is a violation of US Federal Law to use this product in a manner inconsistent with the labelling. Haycarb Ltd recommends an initial rinse with water (i.e. municipal tap water) before application, to remove carbon fines and entrapped air. The rinse rate should be proportional to a bed of 0.25 lbs media at a flow rate of 0.5 gpm for 15 minutes. Following this initial rinse, the in-service flow rate is not to exceed 1 to 3 gallons/min/sqft of filter media.

If the initial rinsings are slightly cloudy, rinse again for another 15 minutes. If the haziness persists, PLEASE DO NOT USE this filter media.

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SPECIFICATIONS

1. Ingredients

ACTIVE INGREDIENT	
Silver Metallic from Silver Nitrate	0.5 %
INERT INGREDIENT	
Activated Carbon	99.5 %

2. Storage

Closed containers - preferably polythene lined bags or fibre drums.

3. Mesh Size

*12 x 30, 20 x 50 (US Mesh) according to ASTM D-2862 method.

4. Packaging

Available in 55 lbs (25 kg) polythene lined paper bags or 220 lb (100 kg) net polythene lined plastic drums.

5. Bulk Density

30 - 35 lbs/cuft
(0.48 - 0.56 kg /cu.m)

6. Treating Capacity

Rated gallonage (US)** per lb -
16000 - 12000

* Other mesh sizes are available on request.

**The bacteriostatic properties of the impregnated carbon may vary with pH, temperature and the concentrations of other organics in the influent.

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ACCEPTED
with COMMENTS
in EPA Letter Dated:

MAY 18 1994

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

66982-2

**TYPE R2
SILVER IMPREGNATED CARBON**

**HAYCARB LTD BACTERIOSTATIC WATER TREATMENT MEDIA
PRODUCT DESCRIPTION**

Type R2 impregnated carbon manufactured by Haycarb Ltd; is produced from a premium grade granular activated carbon from coconut shell charcoal. This base material is hard and is well known to be an effective media to remove objectionable taste and odor.

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Metallic Silver is incorporated into the base carbon is also known to be a bacteriostatic agent. Elemental silver inhibits the growth of bacteria in the media. Many organics that build up slowly in the filter media provide a source of nutrients for the bacteria, which then becomes potential breeding ground during the NON-USE periods of the filter. Metallic Silver acts as a bacteriostatic agent and inhibits the growth of bacteria during the NON-USE periods of filter.

Type R2 Silver impregnated carbon is designed solely as a treatment media for use in the fabrication of drinking water filters for home, hospital and also for water filters used during travel and holiday.

Filter manufacturers using this product are responsible for providing data for the EPA registration for their products.