

Reg # 67142-2

PM 31

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U.S. ENVIRONMENTAL PROTECTION AGENCY
REGISTRATION DIVISION (75-75)
WASHINGTON, DC 20460

67142-2
TERM OF ISSUANCE

NOTICE OF PESTICIDE: REGISTRATION
 REREGISTRATION

(Under the Federal Insecticide, Fungicide,
and Rodenticide Act, as amended)

NAME OF PESTICIDE PRODUCT

Doulton Carbosyl Bacteriostatic
Water Filter Element

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

Ceramic Filters Company, Inc
5042 Sand Lake
Onsted, MI 49265

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: (Main Label).

a. Add the phrase "EPA Registration No. 67142-2".

b. Place the ingredient section, the signal word: Caution, and the statement: Keep Out of Reach of Children to appear directly below the product name.

c. Include the appropriate EPA Est No.

d. The preferred nomenclature for the active ingredient is: Metallic silver.

e. Add the following statement: "Use with cold water only"

ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL

DATE

...wider... has been
...ord No. 5: Health Effects, Cyst and
... Rec... 42...
...Bacteriostatic Effects..."

Note: These types of misleading statements are not permitted on pesticide labels. Health effects, cyst removal or any other claims which imply health benefits or mitigation of unhealthful conditions are not permitted on these type of bacteriostatic water filter units.

g. Revise the statement: "Inhibits growth of bacteria within the filter element" to read: Inhibits growth of bacteria within the filter element to prolong the life of the filter.

h. Revise the statement: "...use with municipally treated tap water in the home and office..." to read: "...use with municipally treated tap water in the home and office to remove objectional tastes, odors and/or color."

3. Make the labeling changes listed below before you release the product for shipment: (Leaflet).

a. Include the EPA Registration number.

b. The company name of the owner of this registration must appear on this leaflet: Ceramic Filters Company. Any or all other companies: ie "Fairey industrial" must be deleted.

4. Make the labeling changes listed below before you release the product for shipment: (Typical Filter Housing Installation instructions).

a. Include the EPA Registration number.

b. Include the company name: Ceramic Filters Company.

c. The Maximum working temperature should be revised to read: 72°F not 100° F.

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)

PROPOSED BOX LABELING

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ACCEPTED
WITH COMMENTS
in EPA Letter 1/2/94

NOV 02 1994

**DOULTON CARBOSYL
BACTERIOSTATIC WATER FILTER ELEMENT**

The Doulton Carbosyl Bacteriostatic Water Filter Element has been tested under EPA Est. No. 67142-2
NSF Standard No. 53 Health Effects • Cyst and Turbidity Reduction
NSF Standard No. 42 Aesthetic Effects • Particulate Reduction, Class 1 • Taste and Odor Effects •
Taste, Odor, Chlorine Reduction, Class 1

Use only Doulton Carbosyl Bacteriostatic Water Filter Elements which are available in wide variety of better stores and water filtration & purification equipment dealers. For the store nearest you call (517) 467-4788. For questions or comments, call (517) 467-4788.

Active Ingredient: Silver	0.06 %
Inert Ingredients:	99.94 %
Total	100.00 %

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

EPA Reg. No. 67142- EPA Est. No.
Net Contents: One Doulton Carbosyl Bacteriostatic Water Filter Element

Directions for use: It is a violation of Federal law to use this product in a manner inconsistent with its labeling. See the enclosed leaflet for full instructions on use. Maximum flow: 0.4 g.p.m. This replacement filter element has a capacity of up to 400 gallons when properly installed in an appropriate countertop, undersink or inline housing. It is capable of treating up to 4 gallons of cold (up to 72°F) tap water daily for approximately three months. Life of the unit can be extended by cleaning when water flow diminishes. When cleaning is no longer effective in restoring adequate flow, or when a chlorine taste is evident, the unit is nearing the end of its useful life and must be replaced.

This filter element is designed to be used with a number of brands of filter housings, including Doulton, British Berkefield, Cuno, Ametek, Q.S.N., N.R.G., U.S. Water or Flowmatic. Please refer to the instructions included with the original filtration system for proper installation.

The Doulton Carbosyl Bacteriostatic Water Filter Element has been tested with water at a maximum temperature of 72°F. No warrantee is made for use with water at higher temperatures.

Filters suspended particles or particulate matter larger than 0.5 microns in size to A.S.T.M. Standard F795. Removes turbidity. Inhibits growth of bacteria within the filter element.

This water filter element is intended for use with municipally treated tap water in the home and office.

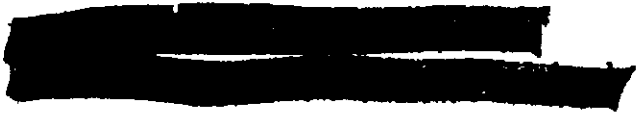
DISPOSAL: WRAP USED WATER FILTER ELEMENT IN NEWSPAPER AND DISCARD WITH TRASH.

Sold and serviced in the U.S.A. by Ceramic Filters Company, Onsted MI 49265
Model No.

**OPERATING/EXCHANGE INSTRUCTIONS FOR
DOULTON CARBOSYL BACTERIOSTATIC WATER FILTER ELEMENTS**

MODEL No.

Manufactured by:



ACCEPTED
with COMMENTS
in EPA Letter Dated:

NOV 02 1994

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

67142-2

Cartridge Capacity: 400 U.S. Gallons (approximately)
Rated Service Flow: 0.4 g.p.m.

1.0 Installation/Replacement

Install or replace the cartridge in the filter in accordance with the instructions provided by the filter housing manufacturer.

N.B. Ensure that the cartridge seal is made but do not overtighten.

2.0 Conditioning the cartridge

In order to remove any loose particles resulting from the manufacture of the cartridge, the water from the filter should be run to waste for approximately 10 minutes or 4 gallons. Additionally, to allow the filter to be conditioned to the water source, allow the unit to stand unused for a further 24 hours and then run the first gallon of water to waste. The filter is now ready for use.

3.0 General use

The filtered water can now be used for drinking and preparing food. The recommended flow rate should be used to give optimum performance. If the filter has been standing unused for 24 hours, one or two quarts of water should be run to waste to ensure that the water is 'fresh'.

4.0 Cleaning the filter

Due to filtration of particulate contaminants from the water during use, the flow of water from the filter may reduce over a period of time. To return the water flow to its normal level, simply remove, clean and replace the cartridge as follows: Remove the cartridge in accordance with the filter housing manufacturer's instructions, taking care at all times not to contaminate the inside of the cartridge or the end of the nipple with unfiltered water or with dirty hands. Take the cartridge to a sink. Hold the ceramic under running water and scour with a stiff brush or a nylon kitchen scouring pad. Note: Steel wool, soap or detergents should not be used. The cartridge is now ready for replacement into the filter housing in accordance with the filter housing manufacturer's instructions. Wash hands thoroughly after cleaning the filter.

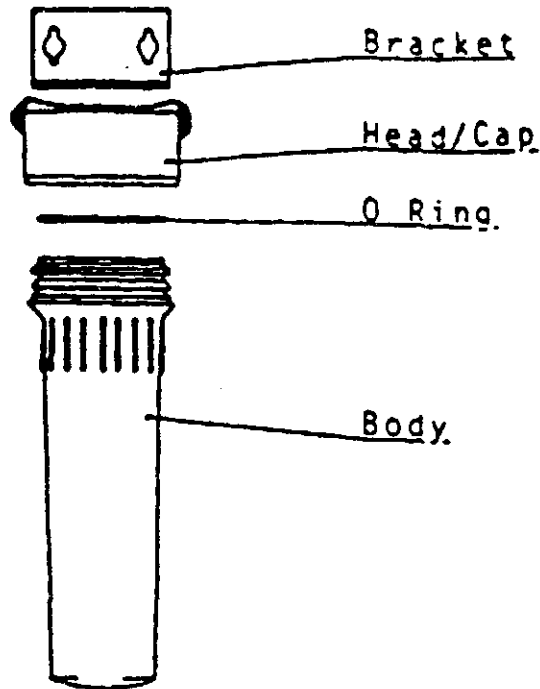
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**PROPOSED LABELING
(TYPICAL FILTER HOUSING INSTALLATION INSTRUCTIONS)**

HIP FILTER INSTALLATION AND OPERATING INSTRUCTIONS

ACCEPTED
with COMMENTS
in EPA Letter dated

NOV 02 1994



Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 67142-2

Model No.

Replacement Elements: Sterasyl Cartridge - Model No.
Carbosyl Cartridge - Model No.

Rated Service Flow/Capacity: See Cartridge Instructions

Maximum Working Pressure: 125 psi

Maximum Working Temperature: 100°F

Note: It is important that local water authority regulations are observed and that all fittings comply with such regulations.

1.0 Installation

1.1 Selecting a position for the filter

The filter should be fixed to a unit or wall with the screws and bracket provided near to the incoming water supply and the user tap/faucet. For easy servicing of the filter, there should be at least 4 inches of clearance below the body of the housing to allow for removal of the cartridge for cleaning or renewal.

BEST AVAILABLE COPY

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1.2 Connecting pipework and fittings

The filter is supplied with 10mm (black head) or 3/8" (grey head) pushfit connections. Medium density polyethylene tubing is recommended.

Important Note: The tubing must conform to the following tolerances:

Head Type (color)	Tubing Dimensions		
	Nominal	+Tolerance	-Tolerance
10mm (black)	10mm	0.05mm	0.10mm
3/8" (grey)	3/8"	0.001"	0.004"

ACCEPTED
with COMMENTS
in EPA Letter Date
NOV 02 1994
Under the Federal Insecticide, Fungicide, and Herbicide Act as amended, for the use, sale, registration under EPA 26
67142-2

An isolation valve and a non-return valve should be fitted upstream of the filter (required by law in some jurisdictions). The isolation valve may be used to regulate the maximum flow rate in accordance with the requirement of the cartridge used.

Having selected the appropriate fittings, a user valve/faucet should be installed in accordance with the manufacturer's instructions in a convenient position and then connected to the filter.

1.3 Assembling and fixing the filter

Having chosen the position for the water filter (see 1.1 above), mark the position of the bracket fixing screws on your wall/unit. Attach the bracket to the filter cap by using the 3 self-tapping screws provided. Attach the bracket and lid to the wall/unit with the bracket fixing screws. Now, with the water supply isolated, connect the upstream and downstream pipework to the cap, ensuring that the arrow on the top of the cap is showing the correct direction of flow and that the piping/fittings are pushed into the push fittings to a minimum depth of 3/4" (18mm).

Place the cartridge washer onto the threaded nipple on the cartridge and screw the thread into the cap until washer resistance is felt. DO NOT OVERTIGHTEN.

When the cartridge seal is made, moisten the 'O' ring on the filter body and replace it onto the location groove. The body can now be screwed to the cap. If there is less than 10" clearance below the base of the filter housing, place the filter body in position before screwing the cartridge onto the cap. Hand tighten only.

2.0 Conditioning the filter

The system should now be ready for pressurization. With the user tap/faucet in the 'on' position, gradually open the upstream isolation valve until the flow from the tap has stabilized at the recommended flow rate. Then close the user tap/faucet and ensure that there is no water

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leaking from the system joints. When the system has been confirmed water tight, open the tap/faucet and run the water to waste for a minimum of 10 minutes or 4 gallons. Allow the filter to stand for 24 hours to condition the unit to the source water and then flush a further 1 gallon of water to waste. After carrying out this procedure, the filter is now ready for use.

3.0 Servicing the filter

Cleaning, removal and re-installation/replacement of the cartridge is carried out as follows:

With the upstream isolation valve off, vent the pressure by opening the tap/faucet. Place a bowl under the filter body. Unscrew the filter body, which will be full of water, and lower the body into the bowl. The cartridge can now be unscrewed from the cap and cleaned in accordance with the manufacturer's instructions, or replaced as described in Section 1.3 above. When the cartridge has been re-installed, wipe the filter housing clean and recondition the cartridge for use in accordance with the cartridge manufacturer's instructions. It is important to wash your hands thoroughly after servicing the filter.

ACCEPTED
with COMMENTS
In EPA Letter Dated:

NOV 02 1994

Under the Federal Insecticide, Fungicide, and Rodenticide Act, this product is registered under FIFRA.

67142-2