Katadyn Products Inc.

1000 N. Michigan Court, Suite 300
Chicago, IL 60610

Accepted: Jul 27 1982
1828-18

Under the Federal Insecticide, Fungicide and Rodenticide Act, the product is registered for the purpose advertised.

Katadyn Products Inc.

1828-18

Katadyn Products, Inc.

1000 N. Michigan Court, Suite 300
Chicago, IL 60610
Filtration for Use of the Katadyn Syphon Filter Candle No. 2 with Hose

GENERAL CLASSIFICATION

It is a violation of federal law to use the product in a manner inconsistent with its labelling.

Purpose: Filtration resulting in bacteriologically acceptable drinking water from non-chlorinated water sources.

Caution: Katadyn Syphon Filter Candle No. 2 with Hose should not be used on water previously treated by chlorination.

Filling: Immerse the Katadyn Syphon Filter Candle No. 2 with Hose in a basin (bucket, tank, etc.) filled with raw water. The hose is hemostatically tied to the water outlet of the candle and the hose outlet should be placed in a lower situated receptacle (e.g., a bottle). The greater the difference of height between the two tanks, the better the syphon effect, i.e., the raw water will drip per time unit into the clean water receptacle. The hourly yield can be increased by using several candles. To facilitate starting the flow of water, it is recommended at the beginning of filtration that suction be applied by mouth to the hose outlet. The candle should always be completely covered with water to get full yield. The yield per candle is up to half a gallon per hour. The actual yield may be influenced by the accumulation of dirt on the ceramic surface.

Cleaning: When the flow rate decreases and the output is less than desired, this indicates the need to clean the filter ceramic surface. Fill the water, the more often the candle must be cleaned. To clean the candle, take it out of the bucket. Clean the ceramic surface with the enclosed stiff brush, removing the surface sediment until the natural color of the candle reappears over the entire surface of the candle. Do not use soap, detergents, or antiseptics. Basting or steaming will damage the seals. Rinse the ceramic candle with raw water after cleaning. The unit is again ready for filtration.

Transport: After filtering the water for drinking, prepare the candle for transport by removing it from the water supply and placing it in the original package or otherwise protecting the candle. Should the candle not be used for any length of time, allow it to dry in the air at least for 5-10 hours. This will prevent the development of a musty odor.
Storage: After the trip, air dry the candle for several days at room temperature to ensure that the candle is completely dry.

Candle check and replacement: The candle should filter new water, no matter how dirty. Check the candle at each cleaning for such defects as holes. Should the candle be defective either through wear or damage, it should be replaced immediately by a new Katadyn Sphag Filter Candle No. 2 with hose.

Action: When used according to these instructions, the Katadyn Sphag Filter Candle No. 2 with hose will remove protozoa (including Giardia) and bacterial pathogens to provide bacteriologically acceptable drinking water.

The manganite composition of the water will not be influenced. Hard water will not be softened nor soft water desalinated. The filter's efficiency for removing viruses has not been tested.

Contamination of the filter ceramic in the Katadyn Sphag Filter Candle No. 2 with hose itself by harmful bacteria is inhibited by the action of the silver which is widely dispersed in the ceramic through the Katadyn process.

The ceramic may show different color shades which are of no importance in the operation of the unit.

Printed in Switzerland.
Active Ingredient:
Silver (as element)   0.00%  0.00%  100.00%
Fuel ingredients  

*From silver oxide

DISPOSAL:
Wrap spent filter candle in newspaper and discard with such.

CAUTION:
KEEP OUT OF REACH OF CHILDREN.

Manufactured by:
Kathadyne Products Inc.
CT 06504 Wolmert, Switzerland

US Agent & Distributor:
Kathadyne USA Inc.
Route 2024-5
4215 Willard Ave
Chevy Chase, Md. 20015

Not Contains:
Kathadyne Syphon Filter Candle No. 2 with hose

Net Weight:
480 g (approx. 1 lb 1 ounce)

Spec instructions sheet for directions for use of corresponding filter.
**Directions for Use of the Katadyn HTO Filter TSK (Filter Candles Nos. 1, 4 and 5)**

**GENERAL CLASSIFICATION**

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

**Purpose**: Filtration resulting in bacteriologically acceptable drinking water from non-chlorinated water sources.

**Warning**: Katadyn Filter Candles Nos. 1, 4 and 5 should not be used on water previously treated by chlorination.

**Operation**: Katadyn Filter Candles Nos. 1, 4 and 5 are used on the Drip Filter TSK. The filter consists of two solid plastic containers that are put one on top of the other. The bottom of the upper container has three holes, in each of which candles Nos. 1, 4 and 5 may be fitted. Insert the mouth piece (thread) of the candle into the hole so that the thread points to the bottom of the container. Make sure that the rubber gasket (10405) of the thread is not missing. A metal gasket (27650) is now put on the thread (inner side of container bottom) and the candle is fastened with the wing nut (27660) provided for it. Screw in the wing nut tightly. If a filter candle will not be placed in each of the three container holes, seal off the unused holes by inserting the metal stopper (21030) containing the rubber gasket (10405) into the hole, and fastening with the metal gasket (27650) and wing nut (27660) as described above. Fill the top container with the raw water. The water will slowly be sucked through the ceramic and drip into the bottom container (pure water side) from the mouth piece of the candles. With the top container filled completely, the yield of these candles will be approximately three gallons after twelve hours. The actual yield may be influenced by the accumulation of dirt on the ceramic surface. Each container has a capacity of approximately three gallons.

**Warning**: When the flow rate decreases and the output is less than normal, this indicates the need to clean the filter ceramic surface. The dirtier the water, the more often the candles must be washed. Open the housing to expose the candles. Do not remove them from the ceramic surface with the enclosed stiff brush, removing surface sediment until the natural color of the candle reappears.

**BEST DOCUMENT AVAILABLE**
Transport: After filtering the water for drinking, prepare the unit for transport. A suggested period as follows: a) empty the water from the unit; b) remove the filter candles from the unit and place them in their original packages or otherwise protect the candles; and c) should the Drip Filter not be used for any length of time, allow the filter candles to dry in the air for at least 5-10 hours before reassembling the Drip Filter. This will prevent the development of a musty smell.

Storage: After the trip, air dry the candles for several days at room temperature to assure that the candles are completely dry.

Candle check and replacement: The candles should have no cracks, no matter how minute. Check the candles at each cleaning for such cracks. Should the candles be defective either through wear or damage, they should be replaced immediately by new Katadyn Filter Candles Nos. 1, 4 and 5.

Action: When used according to these instructions, the Katadyn Filter Candles Nos. 1, 4 and 5 will remove cysts (including Giardia cysts) and bacterial pathogens to provide bacteriologically acceptable drinking water.

The natural salt composition of the water will not be influenced by the filter. Hard water will not be softened nor sea water desalinated. The filter's efficacy for removing viruses has not been tested.

Contamination of the filter ceramic in the Katadyn Filter Candles Nos. 1, 4 and 5 itself by harmful bacteria is inhibited by the action of the silver which is widely dispersed in the ceramic through the Katadyn process.

The ceramic may show different color shades which are of no importance in the operation of the unit.
Directions for the use of Katadyn Filter Wax

GENERAL CLASSIFICATION

Not intended for drinkable water in a manner consistent with its labeling.

1. Filtration resulting in bacteriologically acceptable water from any chlorinated water source.

2. Katadyn Filter Candles Nos. 4 and 5 should not be used on water previously treated by disinfection.

Candle: Katadyn Filter Candle No. 4 and 5 must be removed from position in the head of the filter housing. Take off the rubber gasket at the mouth (threads) of the candle and then close the filter and open the inlet and outlet tap of the filter. Stop water coming out of the filter and draw in some air. Let water run for a few minutes until all air is out and the water flows out of the filter in a steady flow. Then start using water.

Casing: When the flow rate decreases and the output is less than desired, this indicates the need to clean the filter candle. First close the inlet tap/water of the filter and then draw the housing through the outlet tap. Draw the housing to expose the candle. Do not remove it, but clean the ceramic surface with a brush. Once the candle is clean, open the filter housing. After opening the inlet tap/water the unit is again ready for filtration.

Candle, check and replacement: The candle should have no cracks or damage after 60 minutes. Check the candle at each cleaning for each hour. Replace the candle after 60 minutes of use. It should be replaced immediately by a new Katadyn Filter Candle No. 4 or 5.
Operating pressure and flow rate: Maximum pressure allowed on the filter is 80 psi. The flow rate depends on the pressure available. At a pressure loss of 30 p.s.i., each candle has a flow of at least 1 liter/min. (approx. 1/4 gpm) with newly cleaned candle.

Active: When used according to these instructions, the Katadyn Filter Candles Nos. 4 and 5 will remove cysts (including Giardia cysts) and coliform bacteria to provide bacteriologically acceptable drinking water. The filter candles should be used only on ground water from properly grouted wells or protected natural water sources where the surrounding area is free from identifiable sewage contamination. As with all private drinking water systems, periodic testing by your local health authority is recommended.

The natural salt composition of the water will not be influenced by the filter. Hard water will not be softened nor sea water desalinated. The filter's efficacy for removing viruses has not been tested.

Contamination of the filter ceramic in the Katadyn Filter Candles Nos. 4 and 5 itself by coliform bacteria is inhibited by the action of the silver which is widely dispersed in the ceramic through the Katadyn process.

The ceramic may show different color shades which are of no importance in the operation of the unit.

Printed in Switzerland.
Katadyn Filter MF-3
(Filter Candles Nos. 14 and 15)
[Some directions for use apply to MF-7R,
MF-31 and MF-54, see attached photograph]

EPA Reg. No. 1966-6
EPA Est. No. 1966-SW-01
Katadyn
Filter
MF-7 R
Katadyn

Filter
RF-54
Directions for Use of Katadyn Filter Candles Nos. 4 and 5

GENERAL CLASSIFICATION

It is a violation of federal law to misuse this product in a manner inconsistent with its labeling.

Purpose: Filtration resulting in bacteriologically acceptable drinking water from non-chlorinated water sources.

Caution: Katadyn Filter Candles Nos. 4 and 5 should not be used on water previously treated by chlorination.

Operation: Katadyn Filter Candles Nos. 4 and 5 must be screwed firmly into position in the head of the filter housing. Make sure that the rubber gasket at the mouth (thread) of the candle is not missing. When the candles are in place, close the filter housing and open the inlet and outlet tap of the filter. The initial water coming out of the filter may contain some air. Let the water run for a few minutes until all air is out and the water comes out of the filter in a steady flow. Then start using the water.

Cleaning: When the flow rate decreases and the output is less than desired, this indicates the need to clean the filter ceramic surface. The dirtier the water, the more often the candles must be cleaned. First close the inlet tap/valve of the filter housing and then drain the housing through the outlet tap, or drain valve (where existing). Open the housing to expose the candles. Do not remove them, but clean the ceramic surface with the enclosed stiff brush, removing the surface sediment until the natural color of the candle reappears over the entire surface of the candle. Do not use soap, abrasives or antiseptics. Dulling or staining will damage the seals. Rinse the ceramic candle with tap water after cleaning. Close the filter housing. After opening the inlet tap/valve the unit is again ready for filtration.

Candle check and replacement: The candles should have no cracks, no matter how minute. Check the candles at each cleaning for such cracks. Should the candles be defective either through wear or damage, they should be replaced immediately by new Katadyn Filter Candles Nos. 4 and 5.
Operating pressure and flow rate: Suction pressure allowed is 30 in. of H2O. The flow rate depends on the pressure available. At a pressure of 20 p.s.i., each candle has a flow rate of at least 1 filter/min. (approximately 1/4 gpm) with newly cleaned candles.

Action: When used according to these instructions, the Katadyn Filter Cartridges No. 4 and 5 will remove cysts (including Giardia cysts) and coliform bacteria to provide bacteriologically acceptable drinking water. The filter candles should be used only on ground water from properly protected wells or protected natural water sources where the surrounding area is free from identifiable sewage contamination. As with all private drinking water systems, periodic testing by your local health authority is recommended.

The natural salt concentration of the water will not be influenced by the filter. Hard water will not be softened nor sea water desalinated. The filter's efficiency for removing viruses has not been tested.

Contamination of the filter candle in the Katadyn Filter Cartridges No. 4 and 5 itself by coliform bacteria is inhibited by the action of the silver which is widely dispersed in the ceramic through the Katadyn process.

The ceramic may show different color shades which are of no importance in the operation of the unit.

Printed in Switzerland.
General Classification

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

Purpose: Filtration resulting in bacteriologically acceptable drinking water from non-chlorinated water sources.

Caution: Katadyn Filter Candles Nos. 4 and 5 should not be used on water previously treated by chlorination.

Operation: Katadyn Filter Candles Nos. 4 and 5 must be screwed firmly into position in the head of the filter housing. Make sure that the rubber gasket at the mouth (thread) of the candle is not missing. When the candle is in place, close the filter housing and open the inlet tap of the filter. The initial water coming out of the filter may contain some air; let the water run for a few minutes until all air is out and the water comes out of the filter in a steady flow. Then start using the water.

Cleaning: When the flow rate decreases and the output is less than desired, this indicates the need to clean the filter ceramic surface. The dirtier the water, the more often the candle must be cleaned. First close the inlet tap/valve of the filter housing and then drain the housing through the outlet tube. Open the housing to expose the candle. Do not remove it, but clean the ceramic surface with the enclosed stiff brush, removing the surface sediments until the natural color of the candle reappears over the entire surface of the candle. Do not use soap, abrasives or antiseptics. Rolling or steaming will damage the seals. Rinse the ceramic candle with raw water after cleaning. Close the filter housing. After opening the inlet tap/valve the unit is again ready for filtration.

Candle check and replacement: The candle should have no cracks, no matter how minute. Check the candle at each cleaning for such cracks. Should the candle be defective either through wear or damage, it should be replaced immediately by a new Katadyn Filter Candle No. 4 or 5.
The filter in use is 87 g.p.d. The maximum pressure allowed on the filter is 87 g.p.d. The design is such that the pressure available, at a pressure level of 30 psi, each candle has a flow of 1 liter/minute (approx. 674 gpm) with newly cleaned candle.

Action: When used according to these instructions, the Katadyn Filter Candles Nos. 4 and 5 will remove cysts (including Giardia lamblia) and coliform bacteria to provide bacteriologically acceptable drinking water. The filter candles should be used only on ground water from properly protected wells or protected natural water sources where the surrounding area is free from identifiable sewage contamination. As with all private drinking water systems, periodic testing by your local health authority is recommended.

The natural salt composition of the water will not be influenced by the filter. Hard water will not be softened nor sea water desalinated. The filter's efficacy for removing viruses has not been tested.

Contamination of the filter ceramic in the Katadyn Filter Candles Nos. 4 and 5 itself by coliform bacteria is inhibited by the action of the silver which is widely dispersed in the ceramic through the Katadyn process.

The ceramic may show different color shades which are of no importance in the operation of the unit.

Printed in Switzerland.
**General Clarification**

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

**Purpose:** Filtration resulting in bacteriologically acceptable drinking water from non-chlorinated water sources.

**Caution:** Katadyn Filter Candles Nos. 4 and 5 should not be used on water previously treated by chlorination.

**Operation:** Katadyn Filter Candle No. 4 and 5 must be screwed firmly into position in the head of the filter housing. Make sure that the rubber gasket at the bottom (thread) of the candle is not missing. When the candle is in place, close the filter housing and open the inlet and outlet tap of the filter. The initial water coming out of the filter may contain some air. Let the water run for a few minutes until all air is out and the water comes out of the filter in a steady flow. Then start using the water.

**Cleaning:** When the flow rate decreases and the output is less than desired, this indicates the need to clean the filter ceramic surface. The dirtier the water, the more often the candle must be cleaned. First close the inlet tap(s) of the filter housing and then drain the housing through the outlet tap(s). Open the housing to expose the candle. Do not remove it, but clean the ceramic surface with the enclosed stiff brush, removing the surface sediment until the natural color of the candle reappears over the entire surface of the candle. Do not use soap, abrasives, or chemicals. Boiling or steaming will damage the seals.

When the ceramic candle with raw water after cleaning, close the filter housing. After opening the tap/valve the unit is again ready for filtration.

**Candle check and replacement:** The candle should have no cracks, no matter how minute. Check the candle at each cleaning for such cracks. Should the candle be defective either through wear or damage, it should be replaced immediately by a new Katadyn Filter Candle No. 4 or 5.
Operating pressure and flow rate: The maximum pressure allowed on the filter is 87 p.s.i. The flow rate depends on the pressure available. At a pressure drop of 20 p.s.i., each candle has a flow of at least 1 liter/min. (approx. 1/4 gpm) with newly cleaned candle.

Acting: When used according to these instructions, the Katadyn Filter Candle No. 4 and 5 will remove cysts (including Giardia cysts) and coliform bacteria to provide bacteriologically acceptable drinking water. The filter candles should be used only on ground water from properly guarded wells or protected natural water sources where the surrounding area is free from identifiable sewage contamination. As with all private drinking water systems, periodic testing by your local health authority is recommended.

The normal salt composition of the water will not be influenced by the filter. Hard water will not be softened nor sea water desalinated. The filter's efficacy for removing viruses has not been tested.

Contamination of the filter ceramic in the Katadyn Filter Candle No. 4 and 5 itself by coliform bacteria is inhibited by the action of the silver which is widely dispersed in the ceramic through the Katadyn process.

The ceramic may show different color shades which are of no importance in the operation of the unit.

Printed in Switzerland.
KATADYN PRODUCTS INC

KATADYN ATON Pump Filter Kit
(FILTER 25-200 ppm goo and sl)

EPA Reg. No. 39444-6
EPA Ent. No. 39444-AM-01

KATADYN PRODUCTS INC

KATADYN Willsellen
Switzerland

R.S. Agent
Katadyn K.S.A., Inc.
Suite 2/04-6
4555 Richard Avenue
Glendale, CA, 91205
Directions for Use of the Katadyn Piston Pump Filter Kit (Filter Candles Nos. 4 and 5)

GENERAL INFORMATION

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

Purpose: Filtration resulting in bacteriologically acceptable drinking water from non-potable water sources.

Caution: Katadyn Filter Candle Nos. 4 and 5 should not be used on water previously treated by chlorination.

Operation: Screw the Katadyn Filter Candle No. 4 and 5 firmly into position in the filter housing. Place the Katadyn Pump Filter on filter surface and pump by standing the handle up and down. After several strokes, the drinking water should flow from the water outlet. The first ten strokes of water coming from the water outlet contain a mixture of water and air and should be discarded. Start collecting the water for drinking when all air is pumped out.

Cleaning: When the pumping action becomes difficult and the output is less than desired, this indicates the need to clean the filter ceramic surface. Never force the filter. The dirtier the water, the more often the candle must be cleaned. Remove the candle from the housing, together with lid and outlet tube by loosening wing screw and turning down locking device on both sides. Clean the ceramic surface with the enclosed stiff brush, removing the surface sediment until the natural color of the candle reappears over the entire surface of the candle. Do not use soap, abrasives or antiseptics. Boiling or steaming will damage the seals. Rinse the ceramic candle with raw water after cleaning. Reassemble the unit and it is again ready for filtration.

Transport: After filtering the water for drinking, prepare the unit for transport or a non-use period as follows: a) empty the water from the unit; b) remove the filter candle from the unit and place it in its original package or otherwise protect the candle; and c) should the Piston Pump Filter not be used for any length of time, allow the filter candle to dry in the air for at least 5-10 hours before reassembling the Piston Pump Filter. This will prevent the development of a musty odour.
Storage: After the filter candle is used, store it properly. Store the filter in a cool, dry place. Wash the filter in fresh water.

Candle check and replacement: When the filter candle is damaged, check the filter for cracks and damage. If the candle is damaged, it should be replaced with a new filter candle.

Action: When used according to the manufacturer's instructions, the Katadyn Filter Candles will remove cysts (including Giardia cysts) and bacterial pathogens to provide bacteriologically acceptable drinking water.

The mineral salt composition of the water will not be influenced by the filter. Hard water will not be softened nor sea water desalinated. The filter's efficiency for removing viruses has not been tested.

Contamination of the filter ceramic in the Katadyn Filter Candles by harmful bacteria is increased by the action of the silver which is widely dispersed in the ceramic through the Katadyn process.

The ceramic may show different color shades which are of no importance in the operation of the unit.

Printed in Switzerland.