HU-FRIEDY WATERLINE FILTER
For Use as an Antimicrobial Agent in Dental Unit Waterlines

DIRECTIONS FOR USE

1. Attach Hu-Friedy Waterline Filter into the inlet and outlet fittings of dental unit waterlines.
2. Install the new unit, follow the instructions above for installing a new product.
3. Once the product is in place, the supply water will pass through the iodinated resin bed, which will continuously release low levels of antimicrobial iodine. After installation, check water flow and verify that the unit is operational. Create a check-off sheet to monitor volume of water used daily and continuous release of antimicrobial iodine.
4. Replace Hu-Friedy Waterline Filter after 240 liters of water usage, if iodine level falls to less than 0.5ppm, or if records of usage are not kept, after 365 calendar days of installation.

STORAGE & DISPOSAL

Storage: Store at room temperature in original packaging, away from children, pets and direct sunlight. Avoid exposing tubing to extreme temperatures.

Disposal: Securely wrap cartridge in newspaper and discard in trash. Do not allow waste to enter sewers or public waterways.

FIRST AID

If in eyes: Hold open and rinse slowly and gently with water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

If on skin or clothing: Wash affected area with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

ENVIRONMENTAL HAZARDS

The exposed iodine resin pellets are toxic to fish and aquatic organisms. Do not discharge effluent containing this product into aquatic environments. Do not allow direct contact with sensitive vegetation or bodies of water. Do not use this product in any manner unless in accordance with the requirements of National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge.

If Hu-Friedy Waterline Filter is used in conjunction with a bottle water system: The bottle in water lines should be emptied each night and the empty bottle replaced on the manifold. If bottle systems must be emptied each night and the empty bottle replaced on the manifold.

If the water flow after product installation is slow or inhibited, check to ensure that the product was installed properly or if the product has been plugged by debris. For bottle systems, the bottle should be emptied each night after the installation of this product.

NOTE: Adherence to CDC/ADA guidelines for aseptic procedures including a 2-minute morning handwashing regimen and verifying that the product was installed properly or if the product has been plugged by debris. For bottle systems, the bottle should be emptied each night after the installation of this product.

CAUTION

Causes moderate eye irritation. Avoid contact with eyes, skin and clothing. Protective eyewear (goggles) and gloves should be worn. Wash thoroughly with soap and water after handling..exchange of water may occur.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Causes respiratory irritation in animals. Avoid contact with eyes, skin and clothing.

INGALATION: If inhaled, remove victim to fresh air. If breathing has stopped, give artificial respiration. If conscious, give nothing by mouth. If swallowing occurs, call a poison control center or doctor for treatment advice.

INHERANCE: If in eyes: Hold open and rinse slowly and gently with water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

If swallowed: Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

If inhaled: Remove victim to fresh air. If breathing has stopped, give artificial respiration. If conscious, give nothing by mouth. If swallowing occurs, call a poison control center or doctor for treatment advice.

IF EXPOSED TO WATER: If exposed to water for prolonged periods of time, contact your dental supplier for replacement parts or service. Discard product if arising from yellow to clear or grey, black or normal. Do not use this product.

NOTICE

This product contains 0.5 lb of iodine (I2) per pound.

KEEP OUT OF REACH OF CHILDREN

Securely wrap cartridge in newspaper and discard in trash.
**PANTONE 1945**

**PANTONE 425**

**PANTONE 326**

**WATERLINE FILTER**

**For Use as an Antimicrobial Agent in Dental Unit Waterlines**

**IMS-1440**

**HU-FRIEDY**

**For Use as an Antimicrobial Agent in Dental Unit Waterlines**

**N2736/1017**

**Bound to polystyrene divinyl benzene**

**TOTAL...........................100.0%**

**Other Ingredients ..........54.0%**

**Active Ingredients:**

- quaternary ammonium anion exchange resin.

You’re on your way to cleaner water!

If the water flow after product installation is slow or inhibited, check to ensure that the product was installed properly or if the product has been plugged by debris. For bottle systems, ensure that the product is at the bottom of the water bottle. If there is an air leak from fittings, turn off water supply to the dental unit. If there is a problem with the air supply to the dental unit, you may need to increase the air pressure to the maximum level (45 psi). If there is no improvement, contact your dental supplier for replacement parts or service.

Troubleshooting:

- Check that the product was installed properly or if the product has been plugged by debris.
- For bottle systems, ensure that the product is at the bottom of the water bottle.
- If there is an air leak from fittings, turn off water supply to the dental unit.
- If there is a problem with the air supply to the dental unit, you may need to increase the air pressure to the maximum level (45 psi).
- If there is no improvement, contact your dental supplier for replacement parts or service.

![Image of the Hu-Friedy Waterline Filter with instructions and product information](image-url)

**FIRST AID**

If swallowed:

- Call a poison control center or doctor immediately for treatment advice.

If in eyes:

- Hold eye open and rinse slowly and gently with water for 15-20 minutes.

If on skin or clothing:

- Take off contaminated clothing. Rinse skin immediately.

**NOTES**

- Adherence to CDC/ADA guidelines for aseptic procedures including a 2-minute morning check before daily use is recommended.

- For bottle systems, the bottle in water systems must be emptied each night and the empty bottle replaced on the manifold each morning before its first use.

- Replace Hu-Friedy Waterline Filter after 240 liters of water through unit. Shut off water supply to dental unit when not in use.

**STORAGE & DISPOSAL**

- Do not exceed 5°C (41°F) for storage temperature.

- Protect from heat and direct sunlight.

- Do not allow cartridge to freeze.

- Do not store in open containers.

**ENVIRONMENTAL HAZARDS**

- May cause moderate eye irritation. Avoid contact with eyes, skin and clothing.

- Wear protective eyewear (goggles) and gloves when handling.

- 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.

**PRECAUTIONARY STATEMENTS**

- **HAZARDS TO HUMANS AND DOMESTIC ANIMALS**
  - **CAUTION**
    - Causes moderate eye irritation. Avoid contact with eyes, skin and clothing.
    - Wear protective eyewear (goggles) and gloves when handling.
    - 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.

**DIRECTIONS FOR USE**

- The product is designed for use on dental unit waterlines attached to dynamic dental water systems. It is not intended for use in static water systems.

- To install the Hu-Friedy Waterline Filter, follow the manufacturer’s instructions or with an appropriate cleaning agent. Insert the filter into the inlet and outlet fittings of the dental unit waterlines.

- Prior to installing the filter, ensure that the water supply is turned on and that the filter is inserted into the water line.

- Check that the filter is properly secured and that the water supply is turned on.

- If there is any problem with the air supply to the dental unit, you may need to increase the air pressure to the maximum level (45 psi).

- If there is no improvement, contact your dental supplier for replacement parts or service.

- Storage: Store at room temperature in original packaging, away from children, pets and direct sunlight. Do not allow cartridge to freeze. Do not store in open containers.

- Disposal: Securely wrap cartridge in newspaper and discard in trash.
You’re on your way to cleaner water!

Inhibits the growth of microbial contamination in dental waterlines.
Meets or exceeds <200 CFU/mL for dental unit waterlines.

HU-FRIEDY WATERLINE FILTER
For Use as an Antimicrobial Agent in Dental Unit Waterlines

Active ingredients:
• 54.0% Other Ingredients
• 46.0% Iodine
• 0.5 lb of iodine (I2) per pound

This product contains 0.5 lb of iodine (I2) per pound.

Keep out of reach of children.

Disposal:
- Securely wrap cartridge in newspaper and discard in trash.
- Store at room temperature in original packaging, away from children, pets and other hazardous materials.
- Do not discard in sink or toilet.
- Do not replace with non-approved replacement unit.
- Do not discard in soil or manure.

Environmental hazards:
- Container has no silver or other hazardous waste — disposal as easy as throwing it in the trash.
- Meets or exceeds <200 CFU/mL for dental unit waterlines.
- Inhibits the growth of microbial contamination in dental waterlines.
- Cleans and maintains dental unit waterlines.
- No corrosion or etching of metal parts.
- No daily, weekly or monthly protocols.
- Container is recyclable.

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 eye. Call a poison control center or doctor for treatment advice.
- If on skin or clothing: Take off contaminated clothing. Rinse skin immediately with plenty of water for at least 15 minutes while removing the contaminated clothing. Call a poison control center or doctor for treatment advice.
- If swallowed: Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person. Call a poison control center or doctor immediately for treatment advice.
- For use as an Antimicrobial Agent in Dental Unit Waterlines.
PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
CAUTION Causes moderate eye irritation. Avoid contact with eyes, skin and clothing. Wear protective eyewear (goggles) and gloves when handling. 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.

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 eye. Call a poison control center or doctor for treatment advice.

If on skin or clothing: 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.

If swallowed: Call a poison control center or doctor immediately for treatment advice. Have the product container or label with you when calling poison control center or doctor. Do not give anything by mouth to an unconscious person.

ENVIRONMENTAL HAZARDS
The exposed iodine resin pellets are toxic to fish and aquatic organisms. 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.

CAUTION Causes moderate eye irritation. Avoid contact with eyes, skin and clothing. Wear protective eyewear (goggles) and gloves when handling. 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.

DIRECTIONS FOR USE
It is a violation of federal law to use this product in any manner inconsistent with its labeling. Hu-Friedy Waterline Filter is designed for use on dental unit waterlines attached to dynamic dental instruments. The product reduces microbial contamination and odor causing bacteria in dental unit waterlines.

Prior to installing Hu-Friedy Waterline Filter, thoroughly clean dental unit waterlines following the manufacturer’s instructions or with an appropriate cleaning agent. Insert Hu-Friedy Waterline Filter into the inlet and outlet fittings of dental unit waterlines.

Once the product is in place, the supply water will pass through the iodinated resin bed, which will continuously release low levels of antimicrobial iodine. After installation, check water flow and verify that the unit is operational. Create a check-off sheet to monitor volume of water used through unit. Shut off water to the dental unit when not in use.

The lifetime of this product is 240 liters or 365 calendar days (if water usage records are not monitored) or if iodine levels fall to less than 0.5ppm. After this period or level is reached, immediately replace the spent Hu-Friedy Waterline Filter with a new or replacement unit. To install the new unit, follow the instructions above for installing a new product.

If Hu-Friedy Waterline Filter is used in conjunction with a bottle water system: The bottle in bottle systems must be emptied each night and the empty bottle replaced on the manifold. Before daily use, wash the inside of the bottle and rinse thoroughly. Wipe down the outside of Hu-Friedy Waterline Filter and make sure the intake end is not obstructed. Fill with fresh water each morning before its first use. Replace Hu-Friedy Waterline Filter after 240 liters of water usage, if iodine level falls to less than 0.5ppm, or if records of usage are not kept, after 365 calendar days of installation.

NOTE: Adherence to CDC/ADA guidelines for aseptic procedures including a 2-minute morning flush, a 20-30 second flush between patients, and hand piece sterilization must be continued after the installation of this product.

If package seal is broken or product appears dry, wrap in newspaper and dispose of it in the trash.

Troubleshooting: If the water flow after product installation is slow or inhibited, check to ensure that the product was installed properly or if the product has been plugged by debris. For bottle installation ensure that the air supply is turned on at the maximum level (45 psi). In addition, ensure that the product is at the bottom of the water bottle. If there is an air leak from fittings, contact your dental supplier for replacement parts or service. Discoloration of tubing from yellow to blue to green to black is normal and is not a concern. Initial discoloration of water is caused by release initial flush of excess iodine. Operate water until flow appears clear.

STORAGE & DISPOSAL
Storage: Store at room temperature in original packaging, away from children, pets and direct sunlight. Avoid excessive heat. Do not allow cartridge to freeze. Do not store in open or unlabeled containers.

Disposal: Securely wrap cartridge in newspaper and discard in trash.
IMS-1440

Active Ingredient:
Iodine 46%

KEEP OUT OF REACH OF CHILDREN
CAUTION: See insert for directions and precautions.

EPA Reg. No. 75370-1
EPA Est. No. 1352-01-1-2
N27443107
For Use as an Antimicrobial Agent in Dental Unit Waterlines

This Hu-Friedy Waterline Filter is EPA Registered as an antimicrobial dental unit waterline product.

- **Cleans** and **maintains** dental unit waterlines
- **Meets or exceeds** <200 CFU/mL for dental unit waterlines
- **No** daily, weekly or monthly protocols
REMINDER

CHANGE YOUR FILTER ANNUALLY
The lifetime of this product is 240 liters or 365 calendar days (if water usage records are not monitored). Replace Hu-Friedy Waterline Filter after 240 liters of water usage, or if records of usage are not kept, after 365 calendar days of installation.

DATE INSTALLED

INSTALLED BY

INSTALL NEW HU-FRIEDY WATERLINE FILTER

DATE FOR NEW FILTER

RE-ORDER INFORMATION:
PRODUCT NAME: Hu-Friedy Waterline Filter
PART CODE: IMS-1440
MANUFACTURED FOR: Hu-Friedy Mfg. Co., LLC
To reorder, call 1-800-HU-FRIEDY or order through your dental distributor.

N2742/1017