



# MICROPUR MP1

## Water Purification Tablets

- Katadyn's Micropur MP1 chlorine dioxide is an easy-to-use water purification tablet that is safer than iodine or chlorine. In fact, it is the only technology currently registered by the EPA that controls cryptosporidium, a waterborne cyst.
- Micropur MP1 chlorine dioxide technology is the only water purification tablet or liquid that meets the full EPA Water Purifier Test Standards to control viruses, bacteria and cysts.
- Micropur MP1 is easy to use and can actually improve the taste and odor of treated water.

**The water purification tablet that sets new standards for making water safe to drink**



Camping/  
Backpacking



Travel



Fishing/  
Hunting



Emergencies

 **KATADYN**  
MAKING WATER DRINKING WATER

# Understanding EPA Registration

To protect consumers, drinking water systems that contain pesticides must be registered by the U.S. Environmental Protection Agency (EPA). A product receives EPA registration only if extensive testing supports the safety claims that are on the product label. However, it is important to recognize that EPA registration itself does not imply safety.

For example, a water system may be EPA registered but only for the product category that prevents bacteria growth in stored water. Other products may be registered to remove only bacteria and Giardia. Micropur MP1 technology is the only tablet or liquid that is EPA registered as a water purification system and controls viruses, bacteria, and cysts (including Giardia and Cryptosporidium).

Fulfilling the role of protecting consumers, the EPA requires that packaging claims for Micropur MP1 communicate how the product performs in the most challenging water conditions (water that is very cold and dirty). While MP1 is effective against bacteria and viruses in 15 minutes, it requires 4 hours for cryptosporidium in cold, dirty water. Therefore, labeling requirements include a 4 hour wait time for maximum consumer protection (see chart for details).

# Why is Micropur MP1 an Excellent Choice?

- Proven Safety - Micropur MP1 has a higher safety level since it kills all types of microorganisms in water - even viruses and cryptosporidium. It has proven performance in both clear and dirty water. Also, unlike chlorine, Micropur does not leave chemical by-products (like trihalomethanes - THM's) in your water.
- Easy to Use - Each pre-measured tablet treats 1 liter of water (no mixing or measuring). When diluted in water, Micropur MP1 tablets release chlorine dioxide, the same substance used in municipal drinking water plants worldwide to disinfect drinking water.
- Taste - Micropur MP1 leaves virtually no taste in water. In fact, it can actually improve the taste and odor of treated water.

| Microorganisms Killed | Contact Time                   |                               |
|-----------------------|--------------------------------|-------------------------------|
|                       | EPA Water #1<br>(clear, 20° C) | EPA Water #2<br>(dirty, 4° C) |
| Bacteria              | 15 Minutes                     | 15 Minutes                    |
| Virus                 | 15 Minutes                     | 15 Minutes                    |
| Cysts                 | 30 Minutes                     | 4 Hours                       |

# Questions & Answers

## How does Micropur MP1 compare to other water disinfection systems?

Micropur MP1 makes higher safety claims since it kills all types of microorganisms in water - even viruses and cryptosporidium. It is also premeasured - each tablet treats 1 liter of water (no mixing or measuring). There is no unpleasant taste. Micropur MP1 is even EPA registered as a purification system.

## How does Micropur MP1 work?

Just add 1 tablet to a liter of water. Upon dilution, Micropur MP1 tablets release chlorine dioxide, the same substance used in municipal drinking water plants worldwide to disinfect drinking water.

## What studies were conducted with Micropur MP-1?

Micropur MP1 was tested to the EPA water purifier protocol and is EPA registered as a purification system (proven effective against bacteria, viruses and cysts).

## Why do instructions require a 4 hour wait time?

To protect consumers who may not be able to determine if the water is cold and turbid (dirty), the EPA requires product instructions to have a 4 hour wait time. This ensures purification even in the most challenging conditions. It is important to note that while a 4 hour wait time may be inconvenient, alternative water disinfectants do not claim to remove viruses or cryptosporidium.

## Does Micropur MP1 affect the taste of water?

Micropur MP1 can actually improve the taste of water. There is no need to add neutralizers for taste adjustment.

## How should the Micropur MP1 package be opened?

Each tablet is individually sealed for longest shelf life (4 years) and is tamper/child proof. Simply use a knife or scissors to open.

## Can Micropur MP1 be used with a microfilter for extra protection?

Yes, Katadyn Microfilters remove cysts and bacteria. Micropur MP1 is proven effective against viruses with a 15 minute wait time.

Katadyn North America

TEL 1.800.755.6701 FAX 1.800.548.0406

[www.katadyn.com](http://www.katadyn.com)

Katadyn Canada

TEL 1.877.962.1919

cs@katadyn.ca

 **KATADYN**<sup>®</sup>  
MAKING WATER DRINKING WATER