



*Because Water Matters*

## Disinfection

Disinfection is a process of cleaning a surface with a chemical agent in order to destroy any bacteria which may be harmful. We disinfect to destroy microorganisms that are harmful living objects. Disinfection materials and procedures are used in a wide variety of ways. Growths of living organisms caused by bacteria do not like Oxygen and cannot flourish in an oxygen-rich environment. HydroCor (NSF Hydrogen Peroxide) is a powerful disinfectant that is extremely effective, in part, because of its high oxygen levels. Our HydroCor (NSF Hydrogen Peroxide) oxidizing agent is much more powerful than most people realize. Immediately upon application, a large amount of dissolved oxygen is released, creating a powerful oxidizing effect. An added advantage is that it can be used at higher PPM without worrying about chemical residuals, since it simply breaks down to Hydrogen, Oxygen and Water, unlike other harsh chemicals. Free radicals of oxygen are the only remaining factors when using our stabilized product, making HydroCor a very helpful 'tool' for disinfection. We disinfect to prevent potential problems; however, it is our belief that we do not disinfect enough. If we did, we would not have as many issues as we do. In agriculture, we have many factors that contribute to bacterial growth and the potential of being infected in some way. The problem of not knowing until it is too late is very concerning and has bottom line implications.

Farmer in seasonal areas, sometimes only get one chance to combat an infestation, so disinfection can make a great deal of sense, no matter what you are doing. Disinfection is also critical in water; many diseases are transferred through water that was not disinfected properly. Bacteria can spread quickly, causing the affected person to develop issues rapidly. Protection and prevention are critical and we can help by using HydroCor (NSF Hydrogen Peroxide) for microbial growth in water purification, plumbing, packing-houses, air quality and directly on equipment and drinkers. We have been disinfecting products and equipment effectively for a very long time and have had many successful results over the years.



HydroCor (NSF Hydrogen Peroxide) is a unique water treatment & purification for many years. Our "Premium Quality" Product is not only stabilized to give it better efficacy, it also has a proprietary formulation and is custom-made to fit your water needs. Our product helps disinfect and keep your plumbing clean and unplugged. With the addition of our stabilizer you will see long-lasting efficacy, and protection for your pipes against corrosion. It also helps bind and tie up contaminants, while softening your water up to 25%.

Water disinfection means the removal and killing of microorganisms that are pathogenic and terminate their ability to flourish and multiply. We also have a way of sterilizing and cleaning out any organic build-up in your plumbing prior to disinfection. Our process of sterilization is helpful in saving you money and time. Sterilization happens rapidly because of the strong application process we use. Disinfecting also removes organic contaminants from the water.

Observations above are from operations around the world, based on their own unique results and experiences. All issues are different; every environment is different; every operation is different; and of course, every issue needs to be handled differently. We cannot guarantee you will see any specific result listed above; many factors contribute to disinfected surfaces and water.

Note: This is not a "magic bullet" solution. Our customized formulation, procedures, and protocol depend on many factors, and available exclusively to our customers.

*If this makes sense to you, please give us a call; we would love to have you as a customer.*

**CLEAN ~ CLEAR ~ NUTRITIONAL WATER IS OUR PASSION!**

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*Caution: There are many kinds of problems that need to be solved by disinfection. Use caution and double check that you are accomplishing your goal.*

