



MonoFoil[®] Antimicrobial



Monofoil[®] Technology vs. Sodium Hypochlorite (bleach)

Performing a direct comparison within a National Janitorial Service, compared to bleach, MonoFoil[®] is over than 30 times more durable, and requires 90% less product. MonoFoil[®] takes 96% less time to apply and saves an average company over \$2,300.00 annually.

Monofoil[®] vs. Bleach Cost Comparison Analysis

Analysis based on 200 square foot room	Cost/Liter	Applications/Year	# Liters needed/Year	Annual Cost	Application Labor	Application Labor/ Cost per Application	Annual Cost for Labor
MONOFOIL	\$21.41	12	2.25	\$48.17	10 minutes	\$1.84	\$22.08
BLEACH	\$.68	365	22.8	\$15.58	35 minutes	\$6.45	\$2354.25

Bleach contains 5.25% sodium hypochlorite solution, and the balance is water, although concentrations can vary. A big problem with bleach like many other disinfectants, is that it is made ineffective when combined with organic matter such as dirt, blood, and body waste. Meaning, a user must pre-clean any surface containing organic matter in order for the bleach to disinfect. **Two steps are required!** The problem is further compounded when you learn that bleach mixed with organic matter creates chloroform. This is a biogenic toxin, one of many cancer causing carcinogens.

While bleach isn't toxic to the body, the chemical reactions that often occur with chlorine produce a number of very toxic elements. For example, mixing it with certain household cleaners can be hazardous. If you mix an acid cleaner with bleach, it generates a toxic chlorine gas. Additionally, bleach can react violently with hydrogen peroxide and produce toxic oxygen gas. Another dangerous mix is to combine bleach with ammonia solutions (example—urine) which produces toxic chloramines. This gas can actually cause the lungs to stop functioning. Even worse, mixing chlorine with dish soap

produces mustard gas, the same gas used to kill many people during World War I. Bleach is dangerous. It is as simple as that.

It is estimated that there are about 3,300 accidents requiring hospital treatment caused by bleach each year. NCA studies show stay-at-home wives have a 54% higher chance of getting cancer than women who work outside the home. It is believed that this is because they are exposed more to chemicals released by household cleaners, including bleach.

Although bleach can destroy some microorganisms, it permanently denatures the microbes which gives them the capacity to evolve into "superbugs." **MonoFoil[®] Antimicrobial** enhanced mechanical mode of action stops the over proliferation of the microorganisms to a safe level and it also keeps them from coming back.

MonoFoil[®] Antimicrobial is a safe and green technology shown extremely effective against bacteria, fungi, algae, and virus microbes with a durability profile second to none! **Now is the time to choose Monofoil for Safety!**



Texon Antimicrobial

DEFEATING MICROORGANISMS



Call 1-800-328-3966 for more information or visit www.texontowel.com

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