

Is Your Home Really Clean and Healthy?

- Americans are over using chemicals in their attempt to maintain a clean and healthy environment. While the attempt is good and proper, unfortunately the end result is many times just the opposite, an unhealthy environment.
- Using chemicals to clean is now old technology, it is time we moved into the 21st century and educated ourselves on the advantages of steam vapor and heat for sanitation and deep cleaning.
- Americans want fast immediate results, so they grab the chemical spray bottle. No time is taken to read the label on the chemical before use, therefore proper dwell times are ignored and the needed scrubbing action is not performed. The end result is that not enough of the bacteria and viruses are killed or removed and in minutes the bacteria multiply and feed off of the nutrients left from the cleaner and a biofilm develops.
- Americans rely too much on the large print on the label, **the advertisement**. Not enough time is spent reading the small print, the really important information, **the how to** instructions and the even more important **cautionary statements**.
- Due to weak regulations regarding labeling, the so-called inert ingredients are most often the ingredients that are responsible for the greatest health risks. And these health risks are not addressed on the label.
- Chemicals do not deep clean. Topicals do not reach into cracks or deep into porous materials.
- Even the word **porous** has been misused. Most surfaces are porous, and that is an important fact to remember. The household cleaning

cracks in surfaces. Is glass porous? Yes, it is very porous. So are counter tops, stovetops, cupboards, floors and sinks.

- Steam on the other hand is effective on porous surfaces.
- If dwell times are ignored, it's like taking only half of our prescription medication. The bacteria simply build resistance to the product. This, according to doctors, has become a very serious problem. In time this could and has already reduced the effectiveness of many antibiotics.
- Scrubbing, when applying chemicals, is an extremely important action. In many cases it is more important than the chemical itself. The scrubbing action breaks up the bacteria or viruses' ability to communicate within the bio-film. That is why we brush our teeth and why we don't simply apply the toothpaste and then wipe it off. Without the brushing of your teeth, the bacteria or plaque would not die and would multiply quickly. You could feel this with your tongue soon afterwards. That's why the dentist will tell you it is important to brush for 2 minutes. It's amazing, we have such a small amount of tooth surface and such a large amount of counter top surface. We expose our counter tops to all kinds of bacteria with produce, meat, chicken and fish. We brush the small surface, our teeth, for two minutes to kill bacteria, but only spray the chemical on and wipe it off on the counter top. That is not effective; if we choose to use a chemical then we need to use it correctly.
- If you want to remove the ill effects of chemicals and chemical residue from your indoor environment, if you want to accomplish your home cleaning faster and with more effectiveness, if you want to help clean up your indoor air quality, then move into the 21st century with the real solution for home maintenance, the **Ladybug Steam Vapor System**.