

## APPLYING DISINFECTANTS

### Serum sprayers can be used to apply Serum Cleaners and disinfectants.

I feel compelled to address some misnomers I am hearing about using and applying disinfectants. I am particularly concerned with the idea that one can spray 'n' go disinfectants. ***Hold On Here!!***

**FIRST**, all disinfectants are registered with the United States Environment Protection Agency for control of specific organisms. All registrations are issued based on laboratory testing for its effectiveness on specific target organisms and viruses. All testing is done under controlled laboratory conditions. Once the EPA approves the test results, a registration is issued for use on **NON-POROUS** surfaces only, against those registered organisms and viruses. There are no registrations for disinfection on porous surfaces such as wood. So picking a disinfectant one should refer to the label or SDS to determine if the product is registered for the type organism or virus that you are trying to address. Any use of the product other than labeled instructions is a violation of Federal Law.

**SECOND**, inspection of the label on a registered disinfectant will reveal that EPA requires all surfaces, where a disinfectant is to be applied, be cleaned before applying the disinfectant. Remember testing for efficacy was done in a clean controlled lab. In the field you have dirt and other contamination to deal with that would reduce the effectiveness of the disinfectant. So to enable this, cleaning is required before application of the disinfectant. Disinfectants in general are not very good cleaners and are susceptible to degradation via amount of contamination materials (dirt and the like). To allow the disinfectant to perform at its best and ensure efficacy be attained, the surface should be thoroughly cleaned.

We have been asked on many occasions if **Serum 1000** could be used to eliminate the Corona Virus. The answer is **NO**. **Serum 1000** is not a disinfectant, it is a **CLEANER**. The **PLAN-ETS BEST!** **Serum 1000** and two other products, **Serum CU** and **Serum SBC**, can be used to clean the surfaces as described above before the application of disinfectants. In all cases using our products or anyone else, follow the guide lines of the IICRC's S-520.

I hope this will help clear some of the mysteries around disinfectants. Disinfectants aren't spray 'n' go products. They are very serious products that need to be properly applied to achieve the goals of eliminating organisms and viruses from our environment to protect us humans. Do it the right way...Our health is at stake.

If you have any further questions or concerns, please feel free to contact me at [bill.lyon@serumsystems.com](mailto:bill.lyon@serumsystems.com)

Kindest Regards,  
Bill Lyon