

## DECONTAMINANT & CLEANER FOR CANNABIS FACILITIES

## FOR THE PREVENTION OF HOPS LATENT VIROID

Originating in the hops plant, HLVd is deemed "latent" because of lack of distinguishable symptoms. It has since spread to cannabis — a distant cousin of hops — where unfortunately the effects are much more serious.

#### Preventing the spread of HLVd

The hops latent viroid (HLVd) is an RNA virus spread through mechanical contamination (dirty tools and equipment) and infected plant material (cuttings and clones). Once HLVd is detected in a crop, the overwhelming consensus for the best shot at preventing the spread of HLVd is through appropriate greenhouse sanitation practices. The role of the active ingredient in  $sanatyze^{TM}$  (hypochlorous acid, or HOCI) in the greenhouse is to act as a highly effective and safe sanitizer.

#### HOCI aids in the prevention of HLVd1

As yet, no scientific studies have been done to prove that any chemical can kill HLVd once it has been established in a plant. However, there is substantial scientific evidence showing that HOCl is effective in killing other RNA viruses as a surface disinfectant, (eg; coronavirus, HIV, Hepatitis). Thus, surface decontamination is of paramount importance in preventing the spread of HLVd.

### Sanatyze<sup>™</sup> is more effective than Bleach

HOCI has been shown to be at least **80 times more effective than bleach as a disinfectant**. HOCI is a very strong oxidative antimicrobial and sanitizing agent and is neutrally charged, which allows it to penetrate the cell wall of pathogens and kill them from the inside out.

Bleach, on the other hand, is negatively charged and can only repel pathogens, which is less effective. HOCl is also non-toxic and non-corrosive to equipment, unlike bleach which is highly caustic.

EPA LIST-N APPROVED Meets EPA criteria for use against SARS-CoV-2 (COVID-19)

Decontaminant

Deodorizer

FOR USE IN CANNABIS FACILITIES

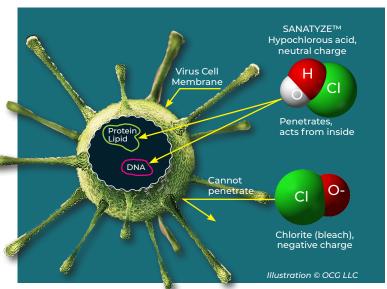
ALL NATURAL • READY TO USE

HOCI aids in the prevention and the spread of HLVd

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And, because the pH level of bleach is so high, it makes the soil very alkaline, prohibiting plants from absorbing the nutrients they need to thrive.

#### The Science of Sanatyze:



# Sanatyze<sup>™</sup> CANNABIS CLEANSE +PLUS



## NON-TOXIC. NO ODOR. NON-ALCOHOL. NON-CORROSIVE. NON-CHEMICAL. BLEACH-FREE.

Sanatyze™ is a powerful broad spectrum decontaminant that treats bacteria, viruses, and fungi. It eliminates harmful pathogens that can cause infections and diseases, reducing the risk of contamination in cultivar facilities. It is formulated to effectively clean facilities, ensuring a clean odor-free environment.

#### **PROTECT YOUR VALUABLE CROPS**

Sanatyze<sup>™</sup> is a proven formula that has been shown to neutralize viruses and bacteria. Sanatyze<sup>™</sup> is an excellent micro biological control and cleanser, capable of inhibiting the spread of viroids and plant pathogens. It easily removes dirt, grime, and

other organic matter, and also provides effective odor control, eliminating foul odors from facilities. It leaves a pleasant and refreshingly clean scent.

Sanatyze<sup>™</sup> is 100% natural, made with FDA recognized GRAS ingredients (Generally Recognized As Safe). Contains no alcohols, chlorine bleach, ammonia, hydrogen peroxide, methanol, quaternary amines, or glutaraldehydes.

When used as directed, Sanatyze  $^{\mbox{\tiny TM}}$  is perfect for all surfaces.

#### **SANATYZE™ ADVANTAGES**

Up to 100x more powerful than bleach	NO special storage or handling required
Replaces harmful chemicals	NO VOCs
> All Natural	» NO phenols
→ Non-Toxic	>NO odors or fumes
→ Non-Corrosive	> Paraben-Free
Antimicrobial	> Chemical-Free
Biodegradable	> Shelf life up to 2 Years
NO Protective gear needed	Made in the USA

















Warning: You must read and follow the instructions on the label for our product and use the product for the particular applications specified on the product label. **DO NOT DILUTE.**To the full extent permitted under applicable law, BDC Universal LLC shall not be liable for any damages whatsoever, arising out of or otherwise in connection with any failure to follow those instructions or any use of its products which is not specified on the product's label. The instructions on the product label are not a warranty, express or implied, and BDC Universal LLC expressly disclaims any implied warranties, including any warranty of fitness for a particular purpose. Under applicable law, some of the above waivers or disclaimers of warranty, or exclusions of liability for certain types of damages may not apply to you. In such cases, our liability will be limited to the fullest extent permitted by applicable law.



