

# SURFACE DISINFECTANT

SAFE - GREEN - BIODEGRADABLE - NON TOXIC

AWARENESS TECHNOLOGY, INC. USA

EST. NO. : 96152-FL-1



**CleanLab** is an odorless white powder that generates a powerful germicidal agent when used according to directions. With 10 minutes of contact time, fifty grams per liter destroys a broad spectrum of micro-organisms including viruses, bacteria, fungi, mycobacteria and endospores such as *c. difficile*.

**CleanLab** is non-hazardous and non-corrosive. It is safe to transport and handle, and requires no rinse. It deactivates in 12- 14 hours for safe disposal down the drain.

**CleanLab** has wide use in the healthcare industry but is also useful for disinfecting hard surfaces in agriculture and food processing.

**CleanLab** activates in water and then over time deactivates for safe disposal.

## FEATURES AND BENEFITS

- Powder
- Non-corrosive
- Neutral pH
- Effective against MRSA, hepatitis, HIV, TB, pseudomonas, salmonella, tetanus and more
- No microbial resistance build-up with 100% log reductions
- Does not require special transportation
- Biodegradable
- Odor free
- No rinse required

STORAGE: Five years, between 4°C and 40°C (39°F and 105°F) Keep dry.

## PHYSICAL PROPERTIES:

|                            |                          |                   |                      |
|----------------------------|--------------------------|-------------------|----------------------|
| Package:                   | Bottles of 50 grams each | Phosphorous:      | None                 |
| Appearance:                | White powder             | Water Solubility: | Complete             |
| Odor:                      | None                     | Foaming tendency: | Non foaming          |
| Specific gravity @ 20°C:   | 1.0 +/- .05 (water=1)    | pH (5% Solution): | PPA/neutral          |
| Flash point (TCC):         | None                     | Rinsing:          | No rinse needed      |
| Auto ignition temperature: | None                     | Non Corrosive:    | No induced corrosion |

Clean Lab may be used at a concentration of not less than 2 grams per Liter (0.2% solution) for surface disinfection. Follow the same instructions except reduce the amount of CleanLab to 2 grams (accurately weighed) and reduce required contact time to 2 minutes. 0.2% CleanLab kills bacteria, yeast, enveloped and non-enveloped virus, fungi, and mycobacteria but not bacterial endospores. CleanLab is available in pre-measured 2g packets for routine use as a disinfectant.

**IMPORTANT:** Before using, read and follow precautions and directions for use on this sheet. Failure to prepare and use CleanLab exactly as instructed may lead to insufficient activation, resulting in reduced effectiveness.

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## DIRECTIONS FOR USE AGAINST ENDOSPORES

Use **CleanLab** at a minimum concentration of 5% (50g CleanLab per liter of water). Once solution is mixed and activated it will **remain active for 12-14 hours**. After 12-14 hours, dispose of any remaining solution by safely pouring down the drain.

Avoid direct inhalation of the powder and contact with eyes. For detailed safety information refer to the SDS.

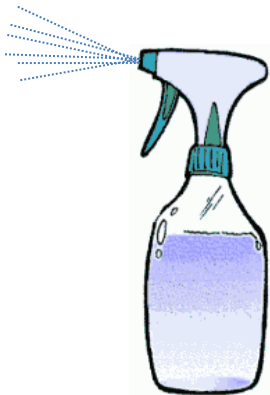
50 grams of CleanLab is pre-dispensed into each bottle. **TO KILL ENDOSPORES, DO NOT USE LESS THAN 50 GRAMS OF CLEANLAB.** The ingredients in CleanLab require a minimum of 2 grams per liter to kill virus, bacteria and fungus and 50 grams to kill bacterial endospores such as c.diff.. Less than these amounts will not perform a 6 log kill (total kill). Do not open bottle until time of use to maintain dry storage. Do not use if powder is wet or after the expiration date printed on the bottle.



### MIX:

Select an oversize container, to provide ample room for mixing. Combine 50g CleanLab with up to 1 Liter of water. Cover and mix vigorously until completely dissolved (about 5- 10 minutes). **NOTE:** During the solubilization process, a floating white layer may form on the surface of the water. This will not affect the efficacy of the solution. Be sure powder is completely dissolved.

Once powder is mixed into water the solution will appear clear. **Allow to activate for an additional 5 minutes prior to using.** CleanLab remains active and ready for use for up to 12 hours.



### USE:

**CleanLab** must remain in contact with hard surfaces for 10 minutes to perform a 6 log kill of bacterial endospores such as clostridium difficile, anthrax, botulism, and tetanus.

After solution has activated, use a sprayer or spray bottle to apply an even coat to the surfaces. Alternately the solution may be used to soak implements however it is imperative that all surfaces inside and outside of an implement receive direct exposure to the disinfectant without gaps or air pockets. Allow the surfaces to remain in full contact to the disinfectant for **10 minutes**. No rinse is required. Allow to air-dry or if still wet after 10 minutes contact time, you may optionally wipe down with **sterile** dry cloth. Pour out unused CleanLab after deactivation in 12 to 14 hours.

### Equipment to be treated:

**CleanLab** is effective on hard surfaces such as glass, wood, plastics, laminates, metals, and flooring. It is non-corrosive and neutral pH, however to prevent cosmetic damage, test a small inconspicuous area before applying Clean Lab to instrument surfaces. CleanLab may be used on labware, vats and reactors, desks, benches, ceilings, walls, sinks and floors. It can be run through instruments to disinfect glass, plastic or metal channels and tubing.

### Temperature:

Between 4°C and 40°C (39°F and 105°F)