

## **AJM Solutions Inc.**

### **Application Instructions:**

#### **End User Concentrate. Rx-107:**

Simple mixing instructions:

1. Place 10ml of concentrate in a bottle
2. Add 990ml of demineralized water (0°dH; conductivity < 0,1 µS/cm) water.
3. Shake and apply

(33.3 ml of concentrate and 966.7 ml of water for 3% solution)

*Can be made with potable (drinking) water where demineralized is not available.*

A dilution control machine which plumbs into a demineralized water (0°dH; conductivity < 0,1 µS/cm) water line can also be used. This automatically mixes with concentrate and is as simple as turning on a tap and filling a bottle.

#### **Professional Concentrate: Rx-105**

1% is ready-to-use as a hand-applied spray like typical surface cleaner/disinfectants, which are sprayed onto the surface and wiped with a clean cloth.

3% is a ready-to-use electrostatic or atomizer application used for large area surface disinfection, applied with either a vaporizer or electrostatic sprayer to disinfect all exposed surfaces at once.

Another method of applying 3% is to use electrostatic sprayers, which may be more suitable for big open areas where it is hard to isolate for a period long enough to allow dissipation of the 3% vapors. This would most likely be the best way to apply in a large setting, such as an institution or airport.

Using an electrostatic sprayer atomizes the Bacoban™ 3% dilution and charges each particle. These charged particles are attracted to surfaces and attach to them much quicker than the vaporizer. This can be done by an individual simply walking with the sprayer and aiming the electrostatic fog at any surface that requires disinfection. As an example, an entire bank of chairs can be disinfected with simply aiming the fog at them and due to the charged particles, the fog will very quickly dissipate as these particles “magnetize” towards a surface.

*\*Care should be taken around electronics as electrostatic sprayers do create a **wet** particle.*