## Cleaning and Disinfecting Icom Radios for the COVID-19 Virus

**Purpose**: This write-up explains how to reduce the viral load on Icom radios using methods recommended by the CDC. Because a complete sterilization is not possible without extreme temperatures on device such as this, it must be stressed that this will reduce the load, but not completely eradicate it.

**Precautions**: The steps described below should be done only on radios that have been detached from power (Batteries or Power Supplies) and antenna coax cables.

The steps below should be performed while wearing latex or equivalent gloves to protect the user from chemicals.

A. Cleaning. This first step is designed to remove dirt and particulates that may harbor microbials, including viruses.
   - Dampen a clean cloth with a common household detergent/water solution, following the instructions for diluting that particular product.
   - Wring the cloth out so it is damp and not dripping with detergent solution.
   - Carefully wipe off the entire radio to remove dirt, making sure that solution is not squeezed out of the cloth while wiping the radio down. Excess solution can get into the radio and cause water damage.
B. Disinfecting. Once the dirt that harbors bacteria and viruses is removed, disinfecting can begin.
   - Disinfecting agents that can be used, according to the CDC, include solutions made from bleach (1/3$^{rd}$ Cup bleach per gallon of water), Alcohol solutions with a minimum of 70% alcohol, or products with an EPA approval for Viral Pathogens.
   - Dampen a clean cloth with the chosen disinfecting solution.
   - Wring the cloth out so it is damp and not dripping with disinfecting solution.
   - Carefully wipe off the entire radio to expose the surfaces to the disinfecting solution, making sure that solution is not squeezed out of the cloth while wiping the radio down. Excess solution can get into the radio and cause water damage.
   - Let the radio dry completely before connecting to power and antennas.

   Cloths and gloves should be disposed of properly.

## Icom America Inc.