

These recommendations for tools/electronics cleaning are from Charles Nepomuceno, senior mechanical engineer, Ecolab; and Lead Mentor, FRC 3100-Lightning Turtles, St. Paul, and *FIRST* Technical Advisor (FTA).

- Target alcohol rating around 70%
- Avoid using cleaning products containing bleach (can stain surfaces)
- Do not spray directly onto electronic surfaces, especially those with seams or paths directly to electrical components
- Make sure the cleaning cloth is moist, but not dripping. Ring out excess chemistry if needed prior to direct contact with electronics. Do not allow excess cleaning chemistries on wipes to drip into seams or paths leading to electrical components
- Read label of disinfectant for proper PPE usage, i.e. avoiding direct contact by using gloves
- Follow the contact time on the label of the disinfectant wipe in use
- This refers to the time the chemistry (cleaning item used) is wet on the surface it is cleaning
- Wipe excess chemistry off of surface with a dry cloth or paper towel after regulated contact time
- If cleaning wipe is medical grade, be extra cautious about contact time and excess wet chemistry dripping into components
- Dry surface thoroughly after wiping if no guidance provided on packaging