

## Comparison Between Bleach And Quaternary Ammonium Compound (Quats) In Your Facility

Ultra Chem Labs Q128 Disinfectant Cleaner

Bleach

|                                 |  |  |   |
|---------------------------------|--|--|---|
| Broad spectrum kill of bacteria | Possesses detergency (excellent cleaner) | Lacks detergency (not considered a cleaner)                  | Reacts with other chemicals to create toxic gases |
| Good stability                  | Stable use solution                      | Loses its strength rapidly                                   | Expensive cost in use                             |
| Non hazardous                   | Temperature stable                       | Emits unpleasant odors                                       | Attacks hard surfaces                             |
| Non irritating to the skin      | Effective at varying pH                  | May cause eye, skin, nose and throat irritation              | Ingestion can cause esophageal injury             |
| Non corrosive                   | Moderate soil tolerance                  | Discolors fibers and colored surfaces                        | May cause stomach irritation                      |
| Long shelf life                 | Easily dispensed                         | Damage floor finishes  | May cause prolonged nausea and vomiting           |
| Controls odors                  | Easily measured                          | Causes toxic odors   | May cause prolonged nausea and vomiting           |
| Non- hazardous to health        | Safe to use                              | When use to remove fecal waste, can create organic chlorides | Organic chlorides can cause cancer                |