

Microclean-UHP™

DI Loop Cleaner

Microclean-UHP™ is specifically designed to remove free-floating and biofilm bacteria from deionizing system (DI) water piping and storage tanks.

Product	For Removing	Use On	Mixing Ratio	pH
Microclean-UHP™	Free-floating and bio-film associated bacteria from DI water piping and tanks.	DI water piping and storage tanks.	1% to 3% by volume.	7-8

Microclean-UHP™

Microclean-UHP™ is a blend of quarternary ammonium cleaning compounds specifically formulated for complete removal of free-floating and biofilm associated bacteria from DI water loops. While Microclean-UHP™ is more effective than hydrogen peroxide and formaldehyde, it is less corrosive to materials of construction (PVC, stainless steel, ect.) and is safer to handle than sodium hypochlorite, hydrogen peroxide, ozone, or formaldehyde. Microclean-UHP™ is easily rinsed with no residual contamination problems.

MC-1 Working Level Test Kit

MC-1 is a simple test strip for verifying that the correct dilution of Microclean-UHP™ has been prepared. The test kit may also be used to ensure that the cleaning compound has reached point-of-use areas. Testing is performed immersing approximately 2 inches of the test strip into the cleaning solution for 30 seconds. The color of the test strip is then compared with that of the standard indicator strip.

MC-2 Working Level Test Kit

The MC-2 low-level test kit is designed to indicate the presence of trace levels of Microclean-UHP™ during the rinse procedure. The simple 3 minute procedure involves a simple titration followed by color comparison. The detection limit of the MC-2 low-level test kit is >1.0 ppm. Used in conjunction with total oxidizable carbon (TOC) resistivity tests, this kit may be used to verify that thorough rinsing of Microclean-UHP™ from the purified water system has been completed.

Note: Microclean UHP™ is not intended for cleaning DI resin or reverse osmosis, nanofiltration, and microfiltration membranes.

**SDS available upon request at kit@kingleetechnology.com*

Packaging:

Standard pails, drums, and totes.