

AQUASONIC®

AQUEOUS CLEANER COMPARISON GUIDE

AquaSonic Aqueous Cleaner for Solder Paste & Flux Remover (AQP) is more than 90% water based with all ingredients being 100% active. It has been specifically formulated, using our proprietary electro-chemistry technology, to remove solder paste and flux residue in critical cleaning applications by reversing the normal polarity of a contaminant causing the like charges of the contaminant and the work surface to repel each other, thereby preventing reattachment to the surface. Contaminants are suspended from the substrate and are washed away, leaving a clean, shiny, water break-free surface. This technology dramatically improves the cleaning efficiency by minimizing the amount of rinse water needed. SCAQMD Approved!

AquaSonic Aqueous Cleaner for Surface Mount Applications (SMA) is a proven, aqueous cleaning product for removing solder paste and/or SMD adhesives from stencils and misprinted circuit board assemblies. SMA is a concentrated mixture of water-dilutable solvents and specialty surfactants that have been specially formulated to be diluted, low foaming, and free from rinsing. It is also effective in removing water soluble, rosin, no clean and lead-free solder flux residues. Contains no monoethanolamine (MEA), halogens or heavy metals.

FEATURE	AQP	SMA	NOTES
REQUIRES HEAT	YES	NO	BOTH WORK BETTER HEATED, ULTRASONIC CAVITATION WORKS BEST WITH HEAT
OPERATING TEMPERATURE	100°F to 120°F	AMBIENT to 100°F	SMA DOES NOT REQUIRE HEAT, BUT PERFORMANCE IS ENHANCED BY HEATING
DILUTION RATIO	10-20%	5-7%	START AT THE LOWEST RANGE, INCREASE AS REQUIRED; DO NOT DILUTE ABOVE MAXIMUM RANGE
SCAQMD CERTIFIED	YES	NO	CALIFORNIA CUSTOMERS NOTE THAT AQP IS CLEAN AIR CERTIFIED
COLOR	LIGHT AMBER	CLEAR	SMA TURNS CLOUDY WITH USE
ODOR	NONE	SLIGHT	
CLEANS SOLDER PASTE	YES	YES	CLEANS OA, RA, RMA, NO CLEAN & LEAD-FREE
CLEANS FLUX	YES	YES	CLEANS UNCURED FLUX MANUALLY; CURED FLUX WITH ULTRASONICS
CLEANS ADHESIVES	SOME	YES	CLEANS UNCURED SMT ADHESIVES MANUALLY; CURED SMT ADHESIVES WITH ULTRASONICS
FLAMMABLE LIQUID	NO	NO	NON-FLAMMABLE EVEN AS A CONCENTRATE
COMBUSTIBLE LIQUID	NO	NO	WILL NOT COMBUST EVEN AS A CONCENTRATE

ORDERING INFORMATION	AQP	SMA
55 GALLON DRUM (CONCENTRATE)	DR55AQP	DR55SMA
GALLONS (CONCENTRATE), 6/CS	GA6AQP	
SPRAY BOTTLES (PREMIX), 1 PINT/16 OZ, 6/CS	SB6AQP	
SUPERSATURATED SMARTWIPES® (PREMIX), 12/CS	SW100AQP	