



Zee Chemical Usage Recommendations



Product Name	Type of Cleaner	Recommend Concentration	Areas to be Cleaned	Wash Time	Notes
Brew Caustic Cleaner	Caustic Cleaner	2.25% - 3.75 % or 6.0 oz - 8oz. per gallon	Kettles, Mash Tun, Lauter Tun, Whirlpool	10-40 m	
Brew Caustic Cleaner	Caustic Cleaner	.75 % or 2 oz./gallon or .5 gallons/barrel of H2O	Fermentation Tanks, Bright Beer Tanks & Kegs	10-20 m Tanks 2-5 m Kegs	Must remove CO2 from vessel prior to cleaning Recommended temperture 130-140 F
Brew CIP	Chlorinated CIP Cleaner	.5 - 2.5 oz/gal	CIP Cleaning	20-40 min.	Do not mix with acid cleaners or PAA sanitizers
Brew Acid	Acid Cleaner	.6 - 2oz/gal	Tanks & Kegs	10-20 min.	
Brew Foam Cleaner	Chlorinated Foaming Cleaner	4 - 6oz/gal	Exterior Cleaning	10-15 min.	Do not allow to dry on equipment surface
Brew Acid Foam Cleaner	Foaming Acid Cleaner	4 - 6oz/gal	Exterior Cleaning	10-15 min.	Do not allow to dry on equipment surface
Max-I-San	Peracetic Acid Sanitizer	1.2 oz./10 gallons = 150 ppm 93-500 ppm	Internal Sanitizer	1 min. minimum contact time	Non-rinse at proper concentration
OxyPlus	Hydrogen Peroxide Additive	.5 oz/gallon	Caustic Additive		
Duoquat	Quatenary Ammonium San.	.5oz./gal = 400 ppm (non-rinse) 1.25oz./gal = 1000 ppm (environmental sant.)	External Sanitizer	1 min. minimum contact time	Non-rinse at proper concentration