



Product Central 115: Mild Acid Disinfectant Restroom & Shower Cleaner DATA SHEET (Maquat 2.5-M)

EPA Number 10324-84-1674

Product Central 115: Mild Acid Disinfectant Restroom & Shower Cleaner (Maquat 2.5-M) is a proven “one-step” disinfectant-cleaner-mildewstat-deodorant which is effective in water up to 400 ppm hardness in the presence of 5% serum contamination at 4 ounces per gallon. This product will remove hard water deposits and lime soap buildups when used as directed. It uses the 5th generation quat, Maquat MQ615M/624M, as its disinfectant base, which has been proven to be highly efficient in the presence of organic soil.

USE DILUTIONS		QUAT ACTIVE
Hospital disinfectant	3 oz per gal of water	586 ppm
Hospital disinfectant	4 oz per gal of water	781 ppm 400 ppm
Mold and Mildew	3 oz per gal of water	586 ppm
Non-Food Contact Surface Sanitizer	1 oz per 3.5 gal of water	150 ppm

PC 115: MILD ACID DISINFECTANT RESTROOM & SHOWER CLEANER (FORMULATION MAQUAT 2.8-M)		TYPICAL PROPERTIES	
Maquat MQ615M	5.00%	Appearance @25°C	Clear liquid
Phosphoric Acid 85%	10.00%	pH, as is	0.8
Oxalic Acid	3.00%	Density, lbs/U.S. gal (g/ml)	8.75 (1.05)
Nonionic Surfactant	1.00%	Viscosity, cps @ 25°C	<100
Water	<u>81.00%</u>	Flash Point. SETA, °C (°F)	>94 (>201)
	100.00%		

Efficacy for Product Central 115: Mild Acid Disinfectant Restroom & Shower Cleaner (Maquat 2.8-M)

Hospital Disinfection

At 3 ounces per gallon use level, this germicide was evaluated by the AOAC use dilution test in the presence of 5% blood serum and found to be effective against a broad spectrum of gram negative and gram positive organisms as represented by:

<i>Brevibacterium ammoniagenes</i>	<i>Salmonella choleraesuis</i>	<i>Enterobacter aerogenes</i>
<i>Salmonella typhi</i>	<i>Escherichia coli</i>	<i>Serratia marcescens</i>
<i>Klebsiella pneumoniae</i>	<i>Shigella dysenteriae</i>	<i>Proteus mirabilis</i>
<i>Staphylococcus aureus</i>	<i>Pseudomonas aeruginosa</i>	<i>Streptococcus pyogenes</i>

Hard Water Disinfection

At 4 ounces per gallon use level when evaluated by the AOAC Use-Dilution Test, this germicide is effective in the presence of 5% blood serum and 400 ppm hard water against:

<i>Pseudomonas aeruginosa</i>	<i>Salmonella choleraesuis</i>	<i>Staphylococcus aureus</i>
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Mold and Mildew Control

At 3 ounces per gallon this product will effectively inhibit the growth of mold and mildew and the odors caused by them when applied to hard, non-porous surfaces. Allow to dry on surface and repeat when mildew growth returns.

Sanitizing-Non-Food Contact Surfaces

At 0.75 ounces per gallon use-level, this product is an effective sanitizing agent against *Staphylococcus aureus* and *Klebsiella pneumoniae* on hard non-porous environmental surfaces. Treated surfaces must remain wet for 60 seconds.