

GRAMICID BROADSPECTRUM UNIVERSAL DISINFECTANT

COMPARISON TABLE DISINFECTION ACTION OF GRAMICID AND CHLORINE BASED COMPOUNDS

EVALUATION CRITERIA	CHLORINE BASED COMPOUNDS	GRAMICID
Long Term Effect	Brief, depending on temperature	Very Long
Disinfection Activity	Narrow spectrum	Broad spectrum
Sensitivity to light	Medium	Almost Nil
Sensitivity to temperature	Rapid decomposition sets in at rising temperatures	Almost Nil
pH – neutrality	Change in pH of treated water	Neutral
Contact time required to kill off the bacteria	Medium	Short
Influence of ammonia / Urea	Formation of chloramine	nil
Delays algae growth	Restricted	Yes
Delays fungal growth	Restricted	Yes
Odor Development	Yes	No
Change in Taste	Yes	No
Effect on Carbon, RO Membrane, Gaskets	Highly Reactive & Damage	Very Low
Carcinogenic / Mutagenic	Yes	No
Eco friendly	No	Yes
FDA Approval	Local Manufacturer & Supplier having poor quality and Adulteration risk.	FDA Approved, GMP Certified. Tested by Government Laboratory.