

EPA Registered Disinfectant Comparison Chart

Active Ingredient in Disinfectant	Bioesque Thymol	Bleach Sodium Hypochlorite	Phenols	Quats Ammonium Compounds
EPA Toxicity Category	CAT IV	CAT I	CAT I or II	CAT III
Chemical Toxicity Rating	Relatively Non Toxic	Highly Toxic	High to Moderately Toxic	Slightly Toxic
Health Effects	No warning- EcoLogo Certified to meet environmental and human health criteria	Corrosive to eyes and skin, respiratory irritant	Corrosive to eyes and skin	Can cause contact dermatitis, can be associated with asthma
Environmental Issues	EcoLogo Certified to meet environmental and human health criteria. Biodegradable- not toxic to aquatic organisms	Toxic to aquatic organisms	Toxic to aquatic organisms, Disposal Restrictions	Very toxic to aquatic organisms
Personal Protective Equipment (PPE) Requirement	No special PPE requirements, regular ventilation is adequate	PPE required and increased ventilation should be used	PPE required and increased ventilation should be used	PPE required and proper ventilation should be used