

Sanitizing Products Available for Cleaning Tools, Pots, Potting Surfaces, and Other Items

Nancy F Gregory	2/20/2019	*Use all products according to the label		
Material	Trade Name	Rate/Usage	Caution	Contact Time
Soaps	Various	According to label, mix well.	Safe	Scrubbing
Alcohol, ethanol, isopropyl	Various	Sold as ready to use (RTU) in 70-95% solutions	Flammable, evaporates quickly, may need to re-apply	10 min for pots, surfaces. Tools dip for 15 sec
Phenolics	Disinfectants such as Lysol, containing O-benzyl-p-chlorophenol	According to label, mix well	Eye/skin irritant, wear gloves and eye protection	10 min for pots, surfaces. Tools dip 15 sec
Peroxides, peroxyacetic acid and hydrogen dioxide	Zerotol, Oxidate, Sanidate	According to label, mix well	Corrosive, eye/skin irritant. Store in cool location	1 to 10 min for surfaces
Quaternary Ammonium	Greenshield, Physan, Triathlon, KleenGrow	According to label, mix well	Low odor, low irritation. Prepare fresh solution before use	10 min for non-porous surfaces. Must remain wet
Sodium hypochlorite, calcium hypochlorite	Clorox, Commercial Bleach (most are 8.25%)	If working with 5.25% stock, dilute 1:9 for 10% working soln. If 8.25% stock, dilute 1:14	Corrosive, eye/skin irritant. Inactivated by light. Prepare fresh and store in opaque container	10-15 min for pots, surfaces. Tools dip 15 sec, wipe dry
Copper quinolinolate	Oxine copper	According to label, mix well	Good on porous surfaces, wood	10 min, allow to dry
Trisodium phosphate	TSP	According to label, mix well	Corrosive	5 min on surfaces and pots, may leave residue

Adapted from K. Ivors and M. Munster, Dept. of Plant Pathology, North Carolina State University. Reference to trade names is for information only and not an endorsement. It is the policy of the Delaware Cooperative Extension System that no person shall be subjected to discrimination on the grounds of race, color, sex, disability, age, or national origin.