

Environmental Health – Food Grade Sanitisers

Instructions for use of various Food Grade Sanitisers

- The information contained in this document has been collected from the product label and information provided by the manufacturers of the products.
- It is recommended that you check the information on the label of your sanitiser product and follow that. If it conflicts with information listed here seek clarification from your product supplier/manufacturer.
- Barossa Council does not recommend any particular product. This list is not exhaustive and will be added to as we discover other food grade sanitisers being used at food premises within our area.

Sanitiser Product	Minimum Contact time	Rinse or not	Dilution for dishes	Dilution for spray bottle	Recommend make up fresh spray bottles	Active ingredient
Air Drying Sanitiser (Kleaning Essentials)	5 min	No Rinse	RTU – no dilution	RTU – no dilution	7 days	Benzalkonium chloride
Aussan-W4 & Aussan Revolution (Aussan)**	1 min	No Rinse	20ml in 1L water	25ml in 1L	1 year	Organic Acids**
Bacban (Dominant)	2 min	No Rinse	66.6ml in 10L water	1:150 = 5ml in 750ml	7 days	Quaternary Ammonium
Bactrasan (Septone)	15 min	No Rinse	1:500 (20ml in 10L)	1:500 = 1ml in 500ml	1 day	Quaternary Ammonium
BC2-Sanitiser (Jasol)	1 min	No Rinse	1:40	1ml in 250ml water	1 day	Quaternary Ammonium
Bleach – Household (4% chlorine)	10 min	Rinse	25ml in 10L water	2.5ml in 1L water	1 day	Chlorine
Bleach – Commercial (10% chlorine)	10 min	Rinse	10ml in 10L water	1ml in 1L water	1 day	Chlorine
Cater Clean Food Grade Sanitiser (Bidvest/Bidfood)	1 min	No Rinse	17ml to 5L water	17ml to 5L water	14 days	Benzalkonium chloride
CC10 Sanitiser (Chesser Chemicals)	10 min	No Rinse	1ml in 500ml water	1:400 to 1:500	7 days	Quaternary Ammonium
CC60 Detergent Sanitiser (Chesser Chemicals)***	5 min	Rinse	1:80	1:80	1 day	Chlorine
CS-96 (MBL Food Service)***	2 min	Rinse	1:20 (1 cup in 5L water)	1:20 (1 cup in 5L water)		Quaternary Ammonium
Citrastar (Agar Cleaning Systems)	5 min	No Rinse	RTU – no dilution	RTU- no dilution	-	Organic Acids**
Cleanshot spray & sanitise (Ecolab)	1 min	No Rinse	RTU – no dilution	RTU – no dilution	-	Quaternary Ammonium
Cleanshot Quat Sanitiser (Ecolab)	3 min	No Rinse	RTU – no dilution	RTU – no dilution	-	Quaternary Ammonium
Countrywide Sanitiser & Disinfectant (Countrywide)	10 min	No Rinse	1:20	1:30	14 days	Quaternary Ammonium
Dishsan (Chesser Chemicals)***	10 min	Rinse	10ml per 5L	1ml:500ml		Quaternary Ammonium
Ecas4 anolyte (Ecas4)	1 min	No Rinse	1:10 (diluted 5 min contact time)	RTU (1 min contact time)	-	Hypchlourous Acid / Chlorine

Sanitiser Product	Minimum Contact time	Rinse or not	Dilution for dishes	Dilution for spray bottle	Recommend make up fresh spray bottles	Active ingredient
Ecowipe FCS wipes (Ecolab)	3 min	No Rinse	-	-	-	Quaternary Ammonium
Food Sanitiser (Pack-Mart)	15 min	Rinse	40ml per 1L water	20ml per 500ml water	?	Benzalkonium Chloride
Freedom QAT based Sanitiser (Tasman Chemicals)	Let air dry	No Rinse	1:500	1:500	2 years	Quaternary Ammonium
Germguard ready to use no rinse sanitiser (Milestone)	30 sec	No Rinse	RTU – no dilution	-	-	Dimethylammonium Chloride
Germguard RTU (Milestone)	30 sec	No Rinse	RTU- no dilution	RTU – no dilution	-	Quaternary Ammonium
Germguard (Milestone)- no longer sold as a product to dilute, only as RTU [this product has been rebadged “Milequat”	30 sec	No Rinse	250ml in 7.25L water	25ml into 725ml water	1 day	Quaternary Ammonium
Heat	30 sec	-	77oc for at least 30 sec	-	-	Heat - Temperature
HiQuat RTU (Aurora)	Let air dry	No Rinse	RTU - no dilution	RTU - no dilution	-	Quaternary Ammonium
HiQuat Sanitiser	5 min	No Rinse	1:100 (10ml in 1L water)	1:100 (5ml in 500ml water)	7 days	Quaternary Ammonium
Hunter Food Industry Sanitiser (BGC)	2 min	No Rinse	20ml in 9L water for at least 2 min	2ml in 750ml warm or hot water	1 day	Quaternary Ammonium
Jantex no rinse sanitiser (Nisbets)	TBA inquiry to Nisbet 1300225960 ref #12319 on 9 Nov 2017: immediately on contact	No Rinse	RTU – no dilution	RTU – no dilution	RTU – no dilution	Quarternary Ammonium (1-octanaminium, N,N-dimethyl-N-octyl-, chloride)
Kay 5 Surface Sanitiser (Ecolab)	60 sec	No Rinse	38L, 1 Sachet	Same	Daily	Chlorine
Kay Surface Sanitiser (Ecolab)	60 sec	No Rinse	-	Auto cartridge dilution	30 days	Quaternary Ammonium
Kildet No Rinse Sanitiser (Jasol)	1 min	No Rinse	20ml in 9L water	1ml in 500ml water, 2ml in 750 ml water	1 day	Quaternary Ammonium
Kitchen Pro Quat Sanitiser (Ecolab)	3 min	No Rinse	10ml in 1L water	5ml in 1L water	7 days	Quaternary Ammonium
Lemon Myrtle Disinfectant Cleaner (Simply Clean)***	10 min	Rinse	-	25ml in 1L water	Monthly	Benzalkonium chloride
Milton Anti-Bacterial tablets	15 min	No Rinse	2 tablets in 4L water		1 day	Chlorine
Milton Anti-Bacterial solution	15 min	No Rinse	30ml in 4L water	1:133	1 day	Chlorine
Mr Kill-more (Peerless Jal)	Spray on wipe off	No Rinse	1:200 (25ml in 5L water)	1:200 (2.5ml in 500ml water)	1 day	Quaternary Ammonium
Northfork Surface Cleaner (Northfork)	10 sec	Rinse	RTU – no dilution	RTU – no dilution	-	Quaternary Ammonium

Sanitiser Product	Minimum Contact time	Rinse or not	Dilution for dishes	Dilution for spray bottle	Recommend make up fresh spray bottles	Active ingredient
Northfork Food Surface Sanitiser (Northfork Chemicals)	1 min	No Rinse	1 capful in 5L water	3ml in 750ml	7 days	Benzalkonium chloride
No Rinse Sanitiser #9 (Chemform)	2 min	No Rinse	5ml in 1L water	5ml in 1L water	1 day	Quaternary Ammonium
No Rinse Sanitiser (Cobalt Blue)	1 min	No Rinse	20ml in 10L water	2ml in 750ml water	1 day	Quaternary Ammonium
No Rinse Sanitiser (Noarlunga Packaging = Dalcon Hygiene)	Spray on wipe off	No Rinse	1:40	1:20 then rinse off	2 days	Quaternary Ammonium
No Rinse Sanitiser RTU (Noarlunga Packaging = Dalcon Hygiene)	Spray on wipe off	No Rinse	RTU – no dilution	RTU – no dilution	-	Quaternary Ammonium
OFS – Odourless Food Sanitiser (Atomic Chemicals)	5 min	No Rinse	25ml in 1L water	1:40	-	Quaternary Ammonium
Oates Sachet Magic Sanitiser Cleaner (Soluclean & Oates)	30 sec	No Rinse	1sachet in 750ml water	1sachet in 750ml water	4 weeks	Benzalkonium chloride
Organic Surface Sanitiser (Revolution)	10 min	No Rinse	-	1:50	Daily	Octanoic Acid
Oxonia Active (Ecolab)	1 min	No Rinse	2.2ml - 3.6ml in 1L water	2.2ml - 3.6ml in 1L water	1 day or test to see still active*	Peracetic Acid & Hydrogen Peroxide**
Peroxy Clean (Mountain Cleaning Co)**	30 sec	Rinse	90ml in 1L water	90ml in 1L water	Monthly	Hydrogen Peroxide
Polo Sanitiser and Disinfectant	5 mins	No Rinse	1:20	1:20	2 weeks	Quaternary Ammonium
Proof Sanitiser Detergent (Milestone)***	2 min	Rinse	25ml in 1 L water	1:40	7 days	Quaternary Ammonium
Q-sol disinfectant/santiser (Unique Chemicals)		Rinse	1 sachet in 20L water	1 sachet in 20L water	daily	Chlorine
Quat Sanitiser-Cleaner (Mountain Cleaning Co)	5 min	Rinse	20-50ml in 1 L water	20-50ml in 1 L water	Monthly	Quaternary Ammonium
Quat Sanitising Spray (Mountain Cleaning Co)	30 sec	No Rinse	RTU – no dilution	RTU – no dilution	2 years	Quaternary Ammonium
RF-12 No Rinse Sanitiser (Agar)	5 min	No Rinse	1:20	1:20 (25ml in 500ml spray bottle)	1 month	Quaternary Ammonium
RTU (Chesser Chemicals)	10 min	No Rinse	RTU- no dilution	RTU- no dilution	-	Quaternary Ammonium
Sanazone (Trinature www.trinature.com)	Immediately on contact	No Rinse		25 ml in 500 ml	-	Quaternary Ammonium
Sanclean – detergent/sanitiser*** (Dominant)	2 min	Rinse	1:80 (1/4 cup per 5L water) on lightly soiled surfaces, 1:20 (1 cup per	-	-	Quaternary Ammonium

Sanitiser Product	Minimum Contact time	Rinse or not	Dilution for dishes	Dilution for spray bottle	Recommend make up fresh spray bottles	Active ingredient
			5L water) on moderately dirty surfaces			
Saniclean (Jasol) –detergent/sanitiser ***	5 min	Rinse	1:80 or if very dirty dishes 1:40	-	-	Quaternary Ammonium
Sanibac (Dominant)	Leave on	No Rinse	-	30ml in 750ml water	7 days	Quaternary Ammonium
Sani-Det (Chesser Chemicals)	10 min	Rinse	1ml in 150ml water	1:50	6 months	Quaternary Ammonium
Sani-Det (Unique Chemicals) - detergent/sanitiser***	12 min	Rinse	1:50, 1/2cup in 6Lwater	-	-	Quaternary Ammonium
Sanimaxx (Ecolab)	1 min	No Rinse	1.5 – 4ml per L water	1.5 – 4ml per L water	1 day or test to see still active*	Quaternary Ammonium
Sani-plus RTU No Rinse Sanitiser (Pro Clean)	15 min	No Rinse	RTU – no dilution	RTU – no dilution	-	Quaternary Ammonium
Sanisafe (Mountain Cleaning Co / Simply Clean)	1 min	No Rinse	10ml in 1 L water	10ml in 1 L water	Monthly	Quaternary Ammonium
Sanitec (Jasol)	1 min	No Rinse	20ml in 10L	2ml in 1L		Quaternary Ammonium
Sanitiser No Rinse (Activate via PFD)	3 min	No Rinse	-	1:50, 20ml in 1L water	daily	Quaternary Ammonium
Sanitiser No Rinse RTU (Activate via PFD)	Spray & air dry	No Rinse	RTU – no dilution	RTU – no dilution		Quaternary Ammonium
Sapphire #9 No Rinse Sanitiser (Chemform)	10 min	No Rinse	50ml per 10L water	1:200, 5ml in 1L	daily	Quaternary Ammonium
Single-Step Sanitiser & Cleaner (Agar Chemicals)	5 mins	No Rinse	1:90, 11mls per 1L water	1:90, 11mls per 1L water	5 days	Quaternary Ammonium
Siquira Hospital Grade Surface Spray Disinfectant (Pacsource)	1 min	Rinse	RTU	RTU	-	Quaternary Ammonium
Spray and Wipe Sanitiser*** (Dominant)	2 min	Rinse	RTU – no dilution	RTU – no dilution (Wash surface first if heavily soiled.)	-	Quaternary Ammonium
Spray-On Wipe-Off Antibacterial Kitchen Cleaner (Cater Clean)	10 sec	Wipe Off	RTU	RTU	-	Benzalkonium chloride
S-Clean All Surface Sanitiser 7 (Peerless Jal)	Leave on	No Rinse	70 ml in 430ml water	70 ml in 430ml water	7 days	Quaternary Ammonium
Suma D4a Surface Sanitiser (Diversey)	3 min	No Rinse	12ml in 3L water	3ml in 750ml	7 days	Quaternary Ammonium

Sanitiser Product	Minimum Contact time	Rinse or not	Dilution for dishes	Dilution for spray bottle	Recommend make up fresh spray bottles	Active ingredient
Super Kill Ethanol Sanitiser Spray (Keg King)	2 min	No Rinse – evaporate	RTU – no dilution	RTU – no dilution	-	Alcohol (70% ethanol)**
Vero – detergent/sanitiser*** (Dominant)	2 min	Rinse	1:500, 2ml per L water	-	-	Quaternary Ammonium
Wipeout Food Grade Sanitiser (True Blue)	5 min	No Rinse	1ml in 250ml water	1ml in 250ml water	7 days	Quaternary Ammonium

- QATs are quite stable lasting up to 6 months, but several manufacturer's said they recommend spray bottles be made up weekly since they cannot be sure that users are making them up at correct concentrations.
- * These products are sold with test kits to enable the user to check whether the active ingredient is still in sufficient quantity to be effective.
- ** This is an active ingredient (type of sanitiser) recognised as acceptable for use in organic food premises as listed in the Australian Certified Organic Standard 2013, Annex 4: cleansers, disinfectants and sanitisers. See <http://austorganic.com/wp-content/uploads/2013/11/ACOS-2013-final.pdf>. For questions about specific products please contact your supplier or manufacturer of the product.
- *** These products are a combined detergent/sanitiser and need to be rinsed off after use. This is suitable for lightly soiled equipment. If equipment is heavily soiled or greasy it is recommended that a separate clean and sanitise step be undertaken.
- INSUFFICIENT EVIDENCE, **NOT AN APPROVED** FOOD GRADE SANITISER = Cleangenie, SNOBS, Vanilla Fresh Safe4U, Modere Multi Purpose Sanitiser, Sani-Spray All Purpose Alcohol Sanitiser, Disinfectant/antibacterial wipes (Pineocleen, Ajax, Dettol, Clinell, Kleenex, Wet Ones, Hercules, Dr Clean etc.), lemon or vinegar.