

# HEALTH AND HYGIENE

## BIOSECURITY, CLEANING AND DISINFECTING GUIDELINES (SUPER CONCENTRATED PRODUCTS)



### AVIARIES

### AVICULTURE

Application	Frequency	Dilution /10 litre	Minimum Exposure
<p>Sighting/Position of Aviary</p> <p>Facing away from the prevailing wind direction, away from free ranging fowl and domestic avicultural duck populations/collections.</p> <p><b>Construction of Aviary</b></p> <p>Cages should have independent access to common passageway to avoid cross-contamination. Vermin and wild birds should be kept out. The layout of the aviary should allow Keeper to always move in the direction of younger to older birds. The hatchery should be positioned on a site away from main aviaries. Good quality water should be available – if borehole water is used it should be tested regularly, particularly in breeding season.</p> <p><b>Routine Hygiene Daily Routine</b></p> <p>Empty feed and water bowls, wash with water and spray with F10SC Before each feeding round on the same day, the Keeper must ensure that all hands, boots and clothing are decontaminated (spray with F10SC)</p>	Daily	40ml 40ml	Leave to dry Leave to dry
<p><b>Personal Hygiene</b></p> <p>All personnel to be provided with overalls and gumboots, which are washed and disinfected daily.</p> <p>Where no hand washing facilities exist use trigger spray bottles filled with F10SC to frequently Decontaminate hands.</p> <p>Spray gumboots with F10SC upon entry into each cage.</p> <p><b>Weekly Routine</b></p> <p>Remove all droppings and loose debris. If possible use hanging/suspended cages (Psittacines etc.) to facilitate floor washing. Pigeons – cement floors are recommended. Ornamental galli formes (pheasants etc.) – place plants in containers/raised beds. Walking areas – river sand to allow easy replacement on a yearly basis as well as regular weekly raking and removal of contaminated sand or earth floor used, use scraper to remove top layer out of section.</p> <p>Spray sites where droppings occur with F10SC. Using a fine mist, spray F10SC solution to cover all surfaces including ceiling, walls, netting, shade cloth, nests and perches.</p> <p>Where concrete floors exist, wash floors with F919SC. Rinse with water before spraying with F10SC.</p> <p><b>Seasonally</b></p> <p>Tank, water supply reticulation and micro-jet piping for cooling is required. Take water samples from main supply/storage tank outlet and longest leg of the reticulation system and have tested for presence of pathogenic microorganisms. Apply a solution of F919SC sufficient to fill pipes in the reticulation system, leave to stand for 20 minutes then flush out, opening one tap or micro jet at a time.</p> <p>Repeat this cycle with F10SC. Replace the top 50mm layer of sand or soil.</p> <p><b>Bio-security when a “challenge” occurs of an infectious nature</b></p> <p><b>Access Control</b></p> <p>No visitors should be allowed in the breeding and aviary section.</p> <p>Ensure that the hygiene routines are strictly applied.</p> <p>Soak all overalls in a solution of F10SC after washing. Check water quality for microbial activity from boreholes or rainwater tanks, if contamination has occurred.</p> <p>Treat all drinking water given to the birds with F10SC immediately, except in the case of live vaccines administered by drinking water, where a delay of at least 48 hours should be observed. Increase the frequency of cleaning and disinfecting water troughs and feed bowls from daily to twice daily.</p> <p>Leave a 48-hour interval between aerosol vaccination and fogging in the house. The fogging/light shower spray with F10SC should be carried out when birds are in their cages. Remove all clinically effected birds upon detection.</p>	Frequently Every entry When necessary Weekly Every Season	40ml 40ml 80ml 40ml 100ml 40ml 100ml 20ml	Leave to dry Leave to dry Leave to dry Leave to dry 2-3 min Leave to dry Leave for 20 min and flush Leave to dry
<p><b>Daily</b></p> <p>Soak all overalls in a solution of F10SC after washing. Check water quality for microbial activity from boreholes or rainwater tanks, if contamination has occurred.</p> <p>Treat all drinking water given to the birds with F10SC immediately, except in the case of live vaccines administered by drinking water, where a delay of at least 48 hours should be observed. Increase the frequency of cleaning and disinfecting water troughs and feed bowls from daily to twice daily.</p> <p>Leave a 48-hour interval between aerosol vaccination and fogging in the house. The fogging/light shower spray with F10SC should be carried out when birds are in their cages. Remove all clinically effected birds upon detection.</p>	Daily Immediately	40ml 10ml 40ml	Prior to washing Leave to dry

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REGISTRATION HOLDER: Health and Hygiene (Pty) Ltd (Reg. No. 94/00853/07)

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## BREEDING FACILITIES

Application	Frequency	Dilution /10 litre	Minimum Exposure
<b>Hard Surfaces – High Risk Areas – Kitchen</b>			
Cleaning from top down apply F10SC to all surfaces walls, cupboards, fridge tops, microwave, waste bins, spray inside new liner, floors and all hand contact surfaces such as taps, handles and switches.	Daily	40ml	Leave to dry
Before and after feed prep spray kitchen surfaces with F10SC and dry off with paper towel.	Each feed	40ml	Leave to dry
Wipe off surfaces with clean water prior to applying F10SC to prevent build up.	Twice monthly		
<b>Veg wash – High risk areas</b>			
Rinse off in clean water then wash in F10SC.	As required	20ml	Leave to dry
<b>Feed containers – High risk areas</b>			
Wash all feed containers either by hand in F10SC and rinse off with clean water, or in dishwasher, then dip in F10SC to sanitize (use only boiled water in feed prep) 2 <sup>nd</sup> set of containers particularly in case of Loeries and Lorikeets (nectar feeding groups) which should have freshly prepared mixes several times a day, preferably in volumes that will be eaten over a very short period.	Each feed	40ml	Leave to dry
<b>Hand decontamination</b>			
Wash hands with F10 Antiseptic Liquid Soap and dry with paper towel (1/4 fill soap dispenser to ensure frequent replenishment).	Before feed prep and before handling	As is 4ml	1 minute
Where hand washing facilities not available or to decontaminate hands between handling of individual birds use F10 Hand Gel.	Every contact	As is 2ml	Leave to dry
<b>Laundry High risk areas</b>			
Scrape or rinse off droppings and then soak in F10SC before laundering (If cotton cloths are used for nest liners).	Each wash	40ml	60 minutes
<b>Boot Wash / Boot Spray</b>			
Step into bath or spray with portable sprayer using F10SC.	Every entry	80ml	Leave to dry
Boots should be washed in F10SC after each shift.	Daily	40ml	Leave to dry
<b>Equipment</b>			
<b>Air conditioners</b> – Wash filter in F10SC and rinse off, then dip in F10SC and leave to dry.	Weekly	40ml	Leave to dry
<b>Brushes, mops, squeegees, (non scratch) pads</b>			
Wash in F10SCXD and then rinse off.	Daily	40ml	Leave to dry
Dip in F10SC and leave to dry.	Daily	40ml	
<b>Incubators / Brooders</b>			
When babies in – wipe with F10SC	Daily	40ml	Leave to dry
When babies out wash with F10SC then rinse.	as available	40ml	
With clean water and sanitize with F10SC.		40ml	Leave to dry
<b>Air space in high risk rooms</b>			
At the start of the season or when not in use for a day – use fine spray or fogger of F10SC solution.	When available	40ml	Leave for 60 min
<b>Water treatment (as temporary measure until problem overcome)</b>			
Shock treatment with F10SC.		10ml	
Continuous dosing with F10SC.	See Biosecurity above	50ppm	
NB: Borehole water should be regularly sampled and subjected to micro testing.			

**NOTE: FOR FULL INFORMATION ON PRODUCTS MENTIONED ABOVE REFER TO OUR PRODUCT INFORMATION LEAFLET.**

1. F919SC (or F235SC may be used) can be applied by hand spray or a foaming machine or high-pressure washer.
2. F10SC may be applied by hand spray, foaming or fogging depending on application requirement.
3. Discretion should be used to increase/decrease the dilution of F919SC and F235SC depending upon site conditions.
4. *Aspergillus spp* selected as the indicator micro-organism to determine concentration of F10SC.

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