



**HEALTH AND HYGIENE
BIOSECURITY, CLEANING AND DISINFECTING GUIDELINES
F10CL NORMAL CONCENTRATE DISINFECTANT PRODUCT
F10SC SUPER CONCENTRATE DISINFECTANT PRODUCT**

AVICULTURE

Application	Frequency	Dilution per 10 litres		Minimum Exposure
		F 10CL	F 10SC	
AVIARIES				
Sighting/Position of Aviary				
Facing away from the prevailing wind direction, away from free ranging fowl and domestic avicultural duck populations/collections.				
Construction of Aviary				
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.				
Routine Hygiene Daily Routine				
Empty feed and water bowls, wash with water and spray with F10.	Daily	200ml	40ml	Leave to dry
Before each feeding round on the same day, the Keeper must ensure that all hands, boots and clothing are decontaminated (spray with F10).		200ml	40ml	Leave to dry
Personal Hygiene				
All personnel to be provided with overalls and gumboots, which are washed and disinfected daily.				
Where no hand washing facilities exist use trigger spray bottles filled with F10 to frequently Decontaminate hands.	Frequently	200ml	40ml	Leave to dry
Spray gumboots with F10 upon entry into each cage.	Every entry	200ml	40ml	Leave to dry
Weekly Routine				
Remove all dropping 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.				
Spray sites where droppings occur with F10.	When necessary	400ml	80ml	Leave to dry
Using a fine mist, spray F10 solution to cover all surfaces including ceiling, walls, netting, shade cloth, nests and perches.	Weekly	200ml	40ml	Leave to dry
Where concrete floors exist, wash floors with F919SC.		100ml	100ml	2-3 min
Rinse with water before spraying with F10.	Weekly	200ml	40ml	Leave to dry
Seasonally				
Cleaning of 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.	Every Season			
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.		100ml	100ml	Leave for 20 min and flush
Repeat this cycle with F10.		100ml	20ml	Leave to dry
Replace the top 50mm layer of sand or soil.				
Bio-security when a “challenge” occurs of an infectious nature				
Access Control				
No visitors should be allowed in the breeding and aviary section.				
Ensure that the hygiene routines are strictly applied.				
Soak all overalls in a solution of F10 after washing.	Daily	200ml	40ml	Prior to washing
Check water quality for microbial activity from boreholes or rainwater tanks, if contamination has occurred.				
Treat all drinking water given to the birds with F10 immediately, except in the case of live vaccines administered by drinking water, where a delay of at least 48 hours should be observed.	Immediately	50ml	10ml	Leave to dry
Increase the frequency of cleaning and disinfecting water troughs and feed bowls from daily to twice daily.				
Leave a 48-hour interval between aerosol vaccination and fogging in the house.		200ml	40ml	
The fogging/light shower spray with F10 should be carried out when birds are in their cages.	Daily			
Remove all clinically effected birds upon detection.				

HEALTH AND HYGIENE

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

P O Box 347, Sunninghill 2157, South Africa. Tel: (011) 474-1668 Fax: (011) 474-1670 e-mail: forment@icon.co.za www.healthandhygiene.net



Application	Frequency	Dilution per 10 litres		Minimum Exposure
		F 10CL	F 10SC	
BREEDING FACILITIES				
Hard Surfaces – High Risk Areas – Kitchen				
<p>Cleaning from top down apply F10 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.</p> <p>Before and after feed prep spray kitchen surfaces with F10 and dry off with paper towel.</p> <p>Wipe off surfaces with clean water prior to applying F10 to prevent build up.</p>	Daily	200ml	40ml	Leave to dry
	Each feed	200ml	40ml	Leave to dry
	Twice monthly			
Veg wash – High risk areas				
Rinse off in clean water then wash in F10.	As required	100ml	20ml	Leave to dry
Feed containers – High risk areas				
Wash all feed containers either by hand in F10 and rinse off with clean water, or in dishwasher, then dip in F10 to sanitize (use only boiled water in feed prep) 2 nd 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	200ml	40ml	Leave to dry
Hand decontamination				
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	As is 4ml	1 min
Where hand washing facilities are not available or to decontaminate hands between handling of individual birds use F10 Hand Gel.	Every contact	As is 2ml	As is 2ml	Leave to dry
Laundry High risk areas				
Scrape or rinse off droppings and then soak in F10 before laundering (If cotton cloths are used for nest liners).	Each wash	200ml	40ml	60 min
Boot Wash / Boot Spray				
Step into bath or spray with portable sprayer using F10.	Every entry	400ml	80ml	Leave to dry
Boots should be washed in F10 after each shift.	Daily	200ml	40ml	Leave to dry
Equipment				
Air conditioners – Wash filter in F10 and rinse off, then dip in F10 and leave to dry.	Weekly	200ml	40ml	Leave to dry
Brushes, mops, squeegees, (non scratch) pads				
Wash in F10XD and then rinse off.	Daily	200ml	40ml	Leave to dry
Dip in F10 and leave to dry.	Daily	200ml	40ml	Leave to dry
Incubators / Brooders				
When babies in – wipe with F10.	Daily	200ml	40ml	Leave to dry
When babies out – wash with F10 then rinse with clean water and sanitize with F10.	As available	200ml	40ml	Leave to dry
Air space in high risk rooms				
At the start of the season or when not in use for a day – use fine spray or fogger of F10 solution.	When available	200ml	40ml	Leave for 60 min
Water treatment (as temporary measure until problem overcome)				
Shock treatment with F10.		50ml	10ml	
Continuous dosing with F10.	See Biosecurity above	250ppm	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. F10CL and 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 concentrations of F10SC.

© Health and Hygiene (Pty) Ltd. May 2004