

# HEALTH AND HYGIENE

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



### GAME BIRD REARING

Application	Frequency	Dilution /10 litres	Minimum Exposure
<p>It is appreciated that there can be big variations between farm sites and facilities, therefore the end user should seek to understand the objectives set down in these guidelines and apply them to the particular location.</p>			
<p><b>BREEDING</b></p>			
<p><b>Sighting and position of the breeding pens</b> The pens should be positioned on a natural draining slope. Grass should be cut short at the beginning of the season.</p>			
<p><b>Construction of the pens</b> Should be made of a non-absorbent material or alternatively treated with a sealer. Vermin and wild birds should be kept out. Each pen should have a separate entry point to avoid cross-contamination when walking between pens.</p>			
<p><b>Good quality water</b> should be used. If from a borehole it should be tested at the beginning of each season.</p>			
<p><b>Seasonal Hygiene Routine</b></p>			
At the beginning of the season all hard surfaces to be given a soaking spray of F10SC.	Every season	40ml	Leave to dry
Apply solution of F919SC sufficient to fill pipes in the water reticulation system, leave to stand for 20 minutes then flush out by opening one tap or micro jet at a time.	Every season	100ml	Leave 20 min and flush out
<p><b>Daily Hygiene Routine</b></p>			
Empty feed and water bowls, wash with water and spray with F10SC (it is good practice to have 2 sets that can be rotated).	Daily	40ml	5 min
Before each feeding round on the same day, the Keeper must ensure that all hands and boots are decontaminated (use F10 Hand Gel/spray with F10SC). Always work from young to old birds.	Daily	As is/40ml	Leave to dry
<p><b>Weekly Hygiene Routine</b></p>			
Spray ground and all surfaces with F10SC.	Weekly	40ml	Leave to dry
<p><b>Biosecurity when a "challenge" occurs of an infectious nature</b></p>			
<p><b>Access Control</b> 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 F10SC before 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 F10SC immediately (particularly if viraemia is suspected), 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. Leave a 48-hour interval between aerosol vaccination and fogging in the presence of the birds. In addition if vaccine given through the drinking water, stop dosing with F10 24 hrs before. The fogging/light shower spray with F10SC should be carried out when birds are in their pens/brooders. Remove all clinically effected birds upon detection.</p>			
	Daily	40ml	1 hour
	Immediately	10ml	-
	3 x Daily	40ml	-
<p><b>INCUBATION</b></p>			
<p><b>EGG COLLECTION</b></p>			
<p><b>Before entering the pens</b> Gum boots must be scrubbed with F10SC or F10SCXD Walk through footbath with F10SC when entering each pen.</p>			
	Daily On Entering	40ml 40ml	Leave to dry Leave to dry
<p><b>Picking up eggs</b> <b>Eggs should be collected at frequent intervals, at least twice per day</b> Spray egg baskets with F10SC before starting to pick eggs. Apply F10 Hand Gel before picking up from the first pen and repeat at each pen.</p>			
	Every day Every day	40ml 40ml	Leave to dry Leave to dry
<p><b>Cleaning and disinfecting of egg baskets</b> Apply F919SC to egg baskets and wash with water. Apply F10SC to egg baskets.</p>			
	After egg collection	50ml 40ml	2-3 min Leave to dry
<p><b>Egg washing</b> Wash all eggs under a tap-mounted spray with F10SC.</p>			
	Before putting in the egg store	40ml	Leave to dry
<p><b>The transport vehicle should be sprayed/fogged with F10SC after each delivery.</b></p>			
	Each delivery	40ml	Leave to dry
<p><b>HATCHERY</b></p>			
<p><b>Programme may vary depending upon local conditions or equipment</b></p>			
<p><b>Access Control</b> – limit access to relevant staff only, visitors must follow same hygiene guidelines.</p>			

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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: formten@icon.co.za www.healthandhygiene.net



Application	Frequency	Dilution /10 litres	Minimum Exposure
<b>SEASONALLY BEFORE USE</b>			
Check that all surfaces are impervious and repaint/repair as necessary. All surfaces - working from the top down to avoid contaminating previously cleaned areas/equipment, use F919SC for cleaning and disinfecting spray/fogged with F10SC (particular attention should be given to setter/hatcher humidification spray nozzles – spray or wash in F10SC).	Before use	50ml 40ml	2-3 min Leave to dry
<b>IN USE</b>			
<b>EGG STORING ROOM</b>			
Clean off floors, walls and trolleys using F919SC and rinse off with water. Spray or fog with F10SC.	After Emptying Daily	50ml 40ml	2-3 min Leave to dry
<b>PRE-HEAT ROOM</b>			
Clean off floors, walls using F919SC and rinse off with water. Spray or fog with F10SC.	Daily Daily	50ml 40ml	2-3 min Leave to dry
<b>SETTERS AND HATCHERS (when in use)</b>			
Add F10SC to water for humidification. Fog 1 x daily with F10SC solution at the rate of 1 minute for every 12m <sup>3</sup>	Continuous Daily	200ppm 40ml	Leave to dry
<b>SETTERS AND HATCHERS (when not in use)</b>			
Wash surfaces with water using hand washer to remove gross soiling. Spray/foam with F919SC using brush if necessary to remove any remaining surface soiling. Rinse clear with water; remove excess water from floor using rubber bladed "squeegee". Spray or fog with F10SC immediately after cleaning and before use.	Before use  Before and After	  100ml 40ml	  2-3 min before washing off Leave to dry
<b>CHICK HOLDING ROOM</b>			
As chicks are removed from the hatchery and placed in the drying-off area the room and chicks should be lightly fogged with F10SC. Drying off period of at least 48 hours should be allowed before moving the chicks to the brooders. Clean off any localized surface soiling using F919SC and rinse off with water. Spray or fog with F10SC.	Daily Daily	50ml 40ml	2-3 min Leave to dry
<b>WATER TREATMENT</b>			
Apply F10SC through Dosatron for continuous water treatment.	Daily	200ppm	
<b>SHOWERS AND TOILETS</b>			
<b>Walls and floors</b> – wash with F10SCXD and leave to dry.	Daily	40ml	Leave to dry
<b>Sanitary fittings, basins and WC's</b> – wash with F10SCXD and leave to dry.	Daily	40ml	Leave to dry
<b>Boot wash</b> – scrub boots with F10SCXD Boot wash.	Each entry		Leave to dry
<b>Hand wash</b> - rinse hands with water, apply F10 Antiseptic Liquid Soap and wash for 1 minute.	Frequently	As is	1 min
<b>Overalls and hats</b> – hand wash in F10SCXD or soak in F10SC before m/c wash.	Daily	As is	1 hour
<b>BROODERS</b>			
<b>Sighting and Positioning of the Brooders</b>			
The brooders should be position on natural draining slope. Grass should be cut short at the beginning of the season and again cut each time before re-positioning the brooders. Brooders should be laid out in a staggered pattern to avoid contaminated run-off from brooder to brooder. Brooders should be re-positioned onto an unused area after each batch.			
<b>Construction of the pens</b> should be made of a non-absorbent material or alternatively treated with a sealer. Vermin and wild birds should be kept out. Each pen should have a separate entry point to avoid cross-contamination when walking between pens.			
<b>Good quality water</b> should be used, if from a borehole it should be tested at the beginning of each season.			
<b>Seasonal Hygiene Routine</b>			
At the beginning of the season all hard surfaces to be given a soaking spray of F10SC. Apply solution of F919Sc sufficient to fill pipes in the water reticulation system, leave to stand for 20 minutes then flush out, opening one tap or micro jet at a time.	Every season	40ml	Leave to dry
<b>Daily Hygiene Routine</b>			
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 (F10SC and apply F10 Hand Gel) (A fogger can be used to decontaminate clothing). Fog brooder with F10SC 2 times daily on rising temperatures. Do not direct fog stream directly at birds.	Daily Each Entry	40ml 40ml Apply gel as is	Leave to dry Leave to dry
	2 x Daily	40ml	Leave to dry
<b>Weekly Hygiene Routine</b>			
Spray ground and all surfaces with F10SC.	Weekly	40ml	
<b>Transportation of young birds</b>			
The transport vehicle should be sprayed with F10SC.	Prior to loading	40ml	Leave to dry

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