

INDUSTRY MANUAL POULTRY

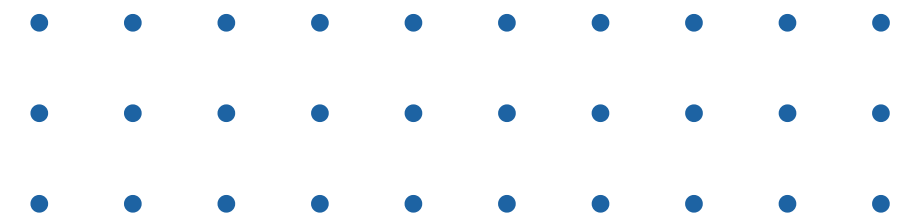
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OUR STORY

As proud distributors for Deluxe Chemicals who have accomplished a few big milestones throughout the years, their continued drive to deliver the best cleaning solutions was awarded with ISO: 9001 certification & SABS marks for their detergents & disinfectants which we enhanced with recognition certificates from the Botswana Bureau of Standards & Ministry of Health & Wellness.

Through our partnership we have become a leading cleaning services & product provider in Botswana serving small & large clients alike.

We continue to meet our clients needs in the food & beverage, hospitality, laundry, mining, pharmaceuticals, healthcare & contract cleaning industries offering a wide range of liquid & powder cleaning products, believing in providing clients with innovative solutions for the toughest cleaning & microbial problems regardless of the industry.



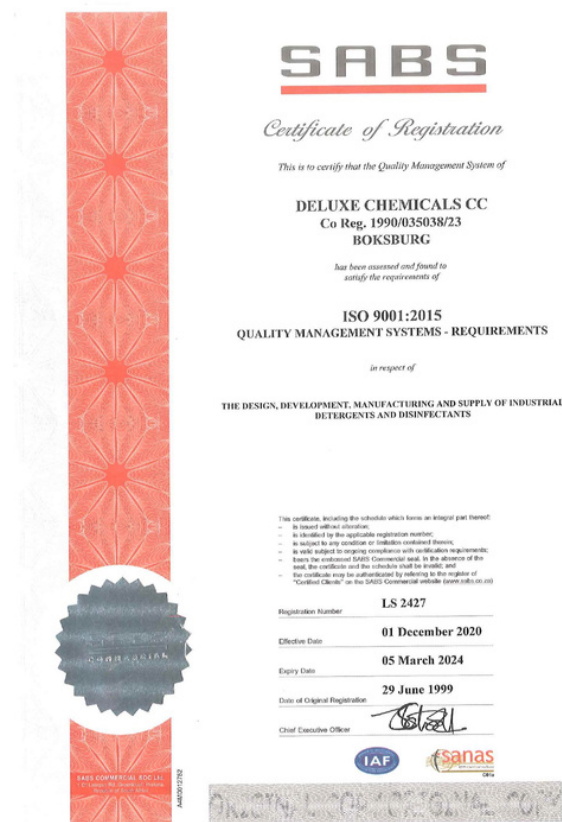
OUR MARKET



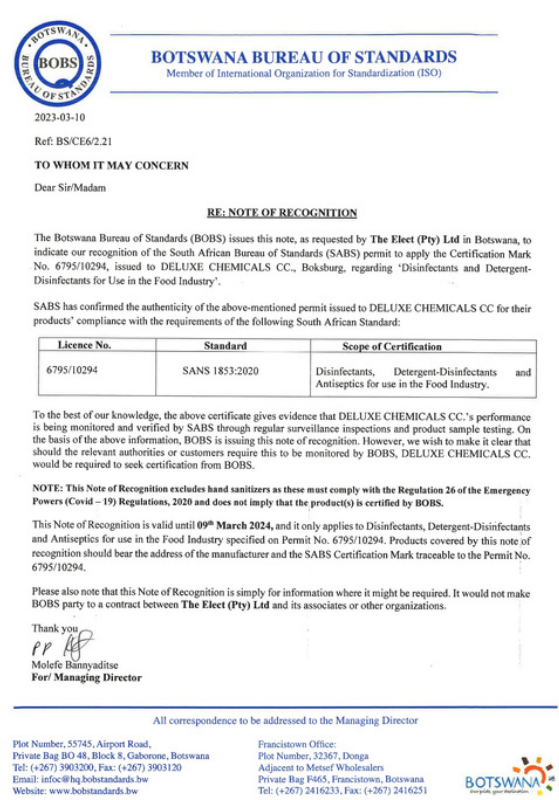
With our dedicated staff we are able to offer our services & products to customers nationwide from our head office based in Gaborone, affording clients internationally recognized products meeting ISO, SANS & green standards

We pride ourselves in having an extensive array of clients throughout the country catering to their vast & differing industry specific needs by offering above and beyond add on services meeting the strictest HACCP regulations.

ACCREDITATIONS



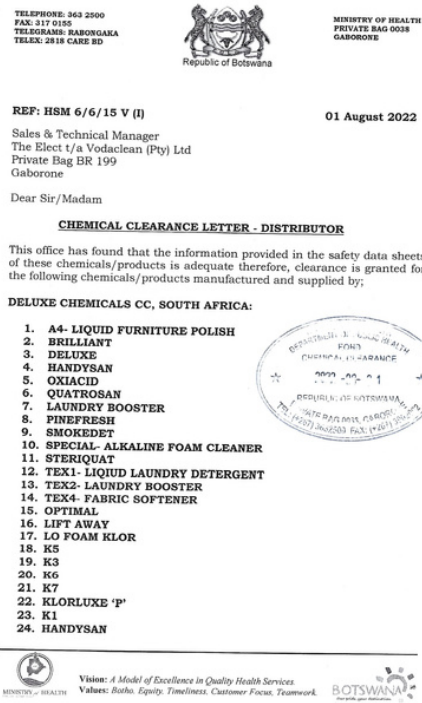
SABS / SANS



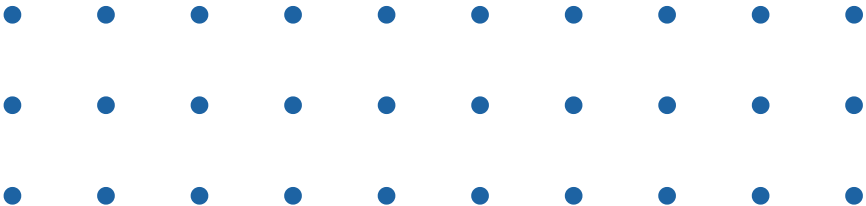
BOBS NoR



South African
National
Halaal
Authority
Recognition



Ministry of
Health &
Wellness
Import
Certificate



CHICKEN HOUSE CLEANING

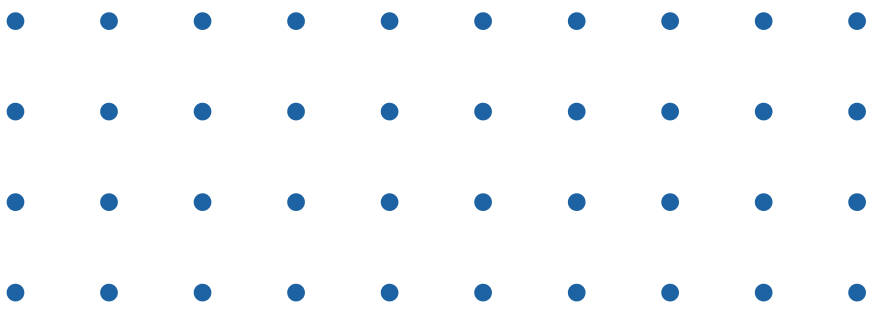


- Disassemble drinking lines and feeders
- Remove litter and old bedding
- Wash down with **SPECIAL / LIFT AWAY** using high pressure
- Rinse with high pressure (clean water) and allow to dry
- Apply disinfectant (**VIRO-EX**, **SUPERQUAT** or **DELUXE 210**) using a high pressure foaming nozzle to all exposed surfaces (ceilings, floors and walls)
- Reinstall feeders and drinking lines.
- Descale all lines by flushing with a solution of **D-C.I.P ACID**
- Lines must be disinfected by flushing with **OXIACID** and left to dry
- Replace with new bedding

NB: Ideally after a poultry house has been cleaned it should be left unoccupied for between 7 and 14 days before the placement of new chicks (resting period).

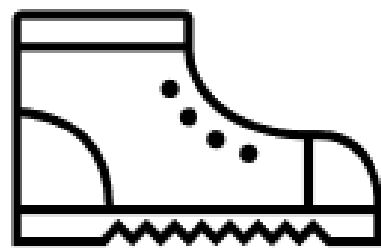
After such a resting period a disinfection procedure is repeated before re bedding and placement of chicks. Due to time and capacity constraints, this very rarely happens.

CHICKEN HOUSE CLEANING



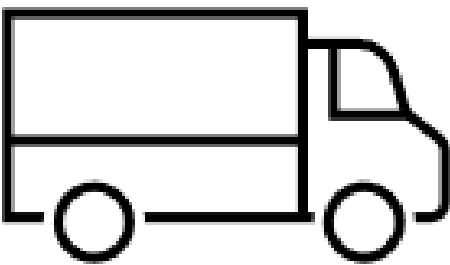
FOOTBATHS

Cleaned daily using **LIFT AWAY / SPECIAL**
Refilled with **DELUXE 210, SUPERQUAT** and **VIRO-EX**



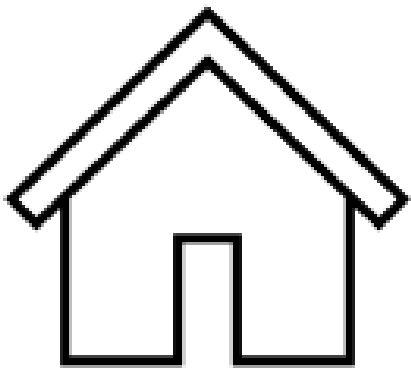
VEHICLES

Cleaned daily using **LIFT AWAY / SPECIAL**
Refilled with **DELUXE 210, SUPERQUAT** and **VIRO-EX**



CHICKEN HOUSES

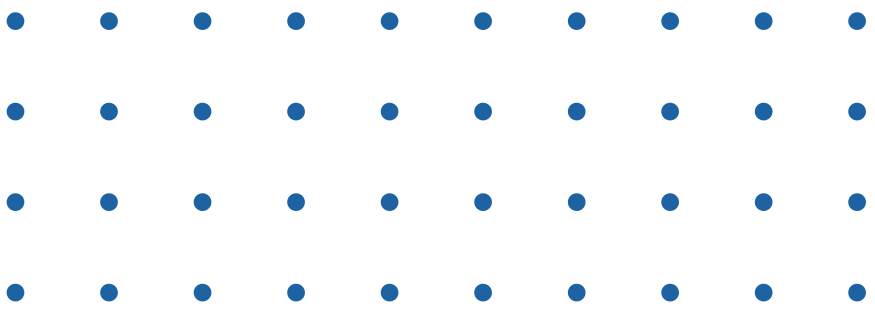
Staff and visitors are required to shower before and after entering occupied chicken houses.



ALTERNATING PRODUCTS:

The disinfectant used is changed on a regular basis to prevent resistance being built up.
The detergents used would normally stay the same e.g. **Lift Away** or **Special**.

HATCHERY & LAY HOUSE CLEANING



HATCHERY CLEANING

Very similar to chicken house cleaning and disinfection.

This environment is however a very high biosecurity area due to vulnerability of the immune system of the small chicks.

Handwashing and disinfection in this environment is critical:

HANDYSAN / DC HAND RUB

Cleaning and disinfection is done on a daily basis

LAY HOUSE CLEANING

The cleaning procedure is the same as used in the hatcheries and chicken houses.

The frequency of cleaning is done on an annual basis.

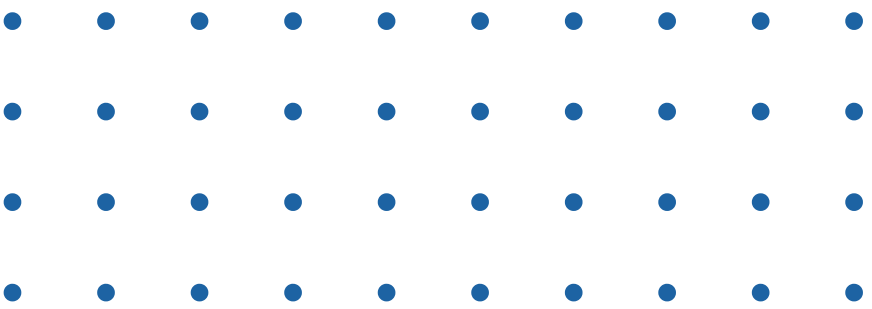
The removal of dung is done daily.

The normal production window for a lay hen is one year, where after they are slaughtered.

Biosecurity and the removal of dead chickens is a very important part of the daily routine.



EGG CLEANING



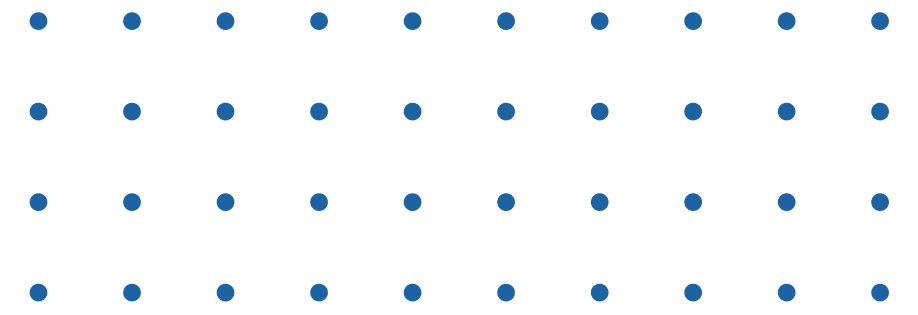
Upon arrival from the farm the eggs are put through an egg washer. **LO-FOAM-KLOR** “L” is normally automatically dosed using a dosing pump at a concentration of between 0.5% – 1%. Thereafter the eggs are rinsed to remove any excess residue.

The crates as well as the vehicles that transport these eggs between the packing facility and farm are cleaned using a 3% – 5% solution of **QUATROSAN**.

This is done to ensure proper biosecurity between the factory and the farm (cross contamination).



ABATTOIR & PACK HOUSE CLEANING



Remove debris and bigger pieces of dirt by sweeping together and discarding into the bins.

Rinse all surfaces / equipment with clean water.

Apply **SPECIAL** at a concentration of 1% – 2% depending on degree of soiling, using suitable brushware or foaming machine.

Scrub well and allow ample contact time.

Rinse with clean water.

Apply **STERIQUAT** at a 0.5% concentration using a foaming machine or pump up sprayer (good surface coverage is required).

Allow to dry.

Descaling is to take place once a week. **SPECIAL** is to be replaced with a 2% – 5% **FOAMACID** solution and the **STERIQUAT** with a 0.2% **OXIACID** / **FOX** solution.

The reason for descaling is due to the fact that equipment tends to get a water scale build-up that in turn causes bacteria build-up which is hard to remove due to its porous nature, especially in hard water areas.

The pH difference between the Alkaline and Acid acts as a shock treatment against bacteria. **OXIACID** or **FOX** has proven to be very effective against *Listeria Monocytogenes*.



PERSONAL CARE



SPECIAL: H/DUTY FOAM CLEANER

Foam cleaner used to remove animal fats, greasy and stubborn soil during general cleaning phase. SANS 1828

(BOOT WASHING)



HANDYSAN: BACTERICIDAL HAND SOAP

A neutral liquid hand cleaner that is effective against a variety of micro-organisms.

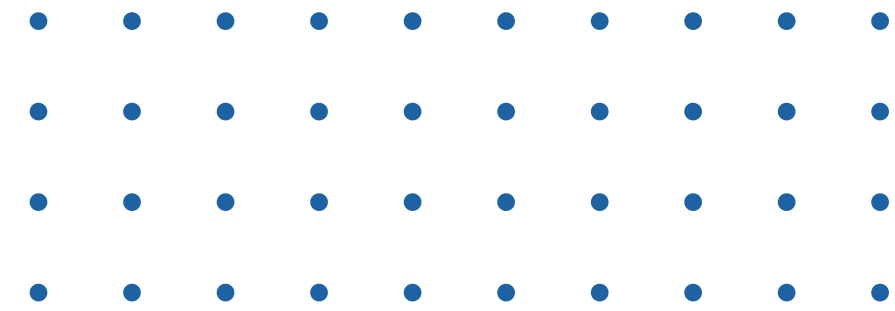


DC HAND RUB: 75% ETHYL ALCOHOL HAND SANITIZER

Hand disinfectant that is specifically designed not to dry out hands. Effective against micro-organisms, yeasts & moulds.

(LIQUID VARIANT AVAILABLE – ALCOMIST)

LAUNDRY



OPTIMAL: FULLY BUILT LAUNDRY DETERGENT WITH ENZYMES

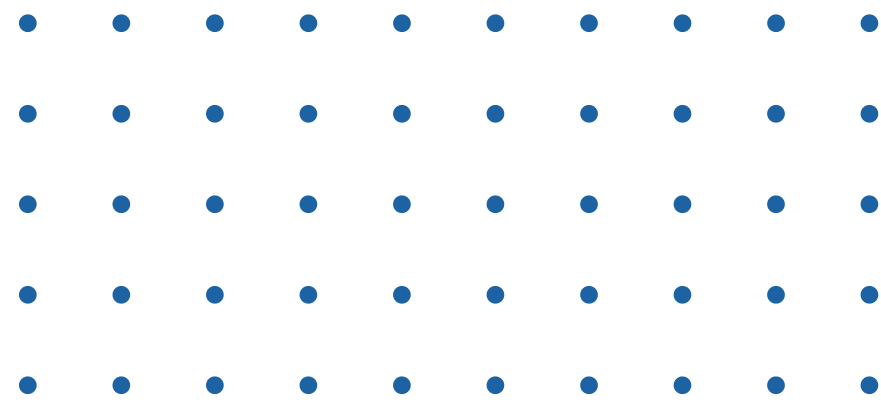
A low foaming fully built laundry detergent powder with specially selected enzymes designed to remove most soil and stains from fabrics.

**OPTIMAL CONTAINS NO
SALT.**



DELUXE LAUNDRY: LAUNDRY DETERGENT WITH OXYGEN BLEACH

A low foaming fully built laundry detergent powder with oxygen bleach & contains a blend of surface active agents, specifically designed to remove stubborn soil and stains from fabrics & can be used effectively in both hard and soft water & can be used safely on both coloured and white goods.



THANK YOU

Have any questions?

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