



Saniblanc[®]D

**Sanitisation of External
Poultry Runs**



**Lasting protection against all major
poultry disease and infections**



How does Saniblanc® D work?

Sterile Alkaline Environment:

Saniblanc® D maintains a sterile alkaline environment in excess of pH 12 for sustained periods over 24 hours.

Temperature Increase

The exothermic reaction of Saniblanc® D with water creates a sudden temperature rise, to over 70°C in a matter of minutes, destroying all but the most thermally resistant organisms.

Water Absorption

During reaction of Saniblanc® D with water, up to 650 litres of water per tonne of Saniblanc® D can be absorbed. This means that the treated area is rapidly dried and any water absorbed, leaving a more stable and sanitary environment.

Deodorization:

Saniblanc® D prevents odours by killing off the biological organisms causing odours, and also prevents fermentation of the effluent which reduces odours.



How do you use Saniblanc® D?

Dose: 500 g/ m²

Packaging: 25 kg bags (1000 kg per pallet).
1000kg bags

Instructions for use:

Pre-wet ground as necessary

Sprinkle Saniblanc® D at the above dosage rate of 500 g/ m²

Leave to act for at least 24 hours before bringing in poultry

Make sure that the thermal reaction is finished; this can be tested by temperature probe or manually by hand

As a precaution the user may want to re-wet the ground to be certain the full reaction has taken place

Frequency:

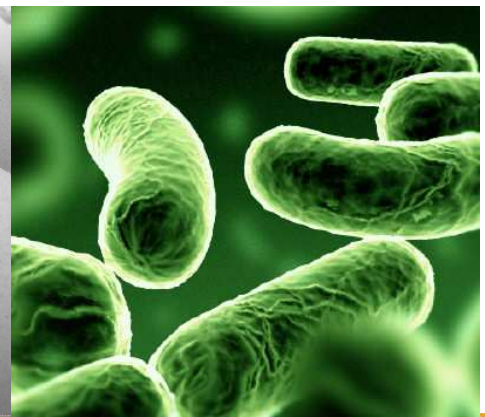
Saniblanc® D is used externally during the normal sanitation cycle of the poultry production unit, that is to say when sanitisation of the building is carried out prior to housing a new flock.

For added peace of mind Saniblanc® D can also be used to sanitise poultry runs when the flock is in place given the above precautions, it is common to reapply if the ground becomes muddy or unstable and the drying effect of Saniblanc® D is required as well as additional sanitisation.

Saniblanc® D is perfectly safe and will not harm the birds if the above guidelines are followed.



Saniblanc® D



What is Saniblanc® D effective against?

Saniblanc® D is highly effective in killing off all major organisms that are known causes of disease and infection in livestock and poultry.

Its effect can be best summarised as follows.

Bacteria:

Faecal coliforms: reduction of more than 99 % of initial populations. (Alexandre *et al*, 1975), *Escherichia coli* reduction of 4 log₁₀ (Ferney, 1983).

Faecal Streptococci: reduction of more than 4 log₁₀ (Alexandre *et al*, 1975), *Escherichia coli* reduction of 4 log₁₀ (Ferney, 1983).

Salmonellae: complete destruction although their life lasts more than 1000 days in excrement (Pfuderer, 1984)

Mycobacteria (tuberculosis), *Brucella*

Spores: reduction of more than 4 log₁₀ of *Bacillus anthracis* (Anthrax) (Lindner).
Reduction of 4 log₁₀ of *Clostridium butyricum* (transformation of dairy products) (Alexandre *et al*, 1975)

Viruses:

H5N1 (Institute Pasteur Lille, 2007) and **Newcastle Virus Disease** DEFRA, approved list of disinfectants;
http://www.defra.gov.uk/animalh/diseases/control/testing_disinfectants.htm (2007)

Poliovirus (meningitis, poliomyelitis,...): inactivation in 30 minutes,

Reovirus (diarrhoea, colds etc): inactivation in 3 hours (Strauch, 1983)

Parasites:

Coccidiosis: 4 log₁₀ reduction achieved (Scottish Agricultural College)

Ascaris eggs: complete destruction in less than 1 hour (Feachen, 1978 and Schuh, 1984).

Platyhelminth eggs (tenia etc): 98 % destruction (Gaspard *et al*, 1996)

Nematode eggs: 84% destruction (Livery-Guérande treatment plant, France)

Giardia spores: 68% reduction (Schwartzbrod, 1989)



Characteristics of Saniblanc® D

Product quality

- It is a highly concentrated product (96% CaO – Calcium oxide)
- It is a very fine product (0-1mm)
- It is a very hygroscopic product
- It is a traced product manufactured in certified factories.

Quantity of product to spread:

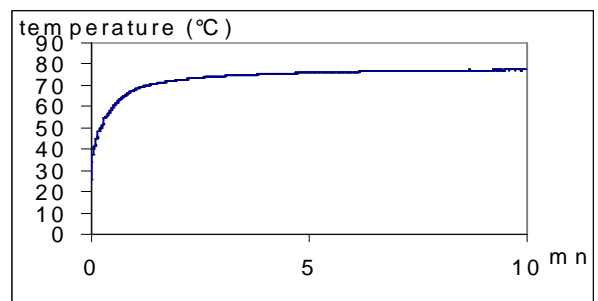
- 500g of Saniblanc® D per 1m²
- Repeat every three months or as necessary.

Strong base:

The reaction of Saniblanc® D causes a sudden increase in pH which can typically reach a pH value of 12.5. At this level of pH, the environment is disinfected.

Thermal effect on hydration:

The reaction of Saniblanc® D causes a sudden rise in temperature >70°C only 2 minutes after hydration



Dehydration agent:

Saniblanc® D is strongly water absorbent; by drying the environment it therefore helps destroy pathogens.



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Contact Details

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