



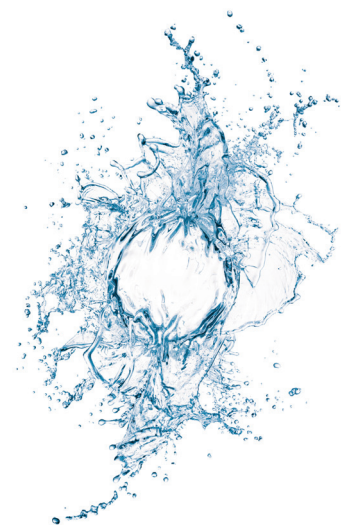
Borregaard LignoTech is one of the world's leading suppliers of high performance additives and ingredients to the animal feed industry.

Excellent acidifier for drinking water

SoftAcid[®]
Protecting Values

SoftAcid-products are perfect acidifiers in drinking water and wet feeding systems for both poultry and pigs. They offer a strong pH-effect with less corrosion problems than pure acids, and give a high antimicrobial effect.

SoftAcid is also the only product available on the market to combine acidification and biofilm reduction. SoftAcid reacts strongly with the biofilm and causes it to detach from the pipes. The biofilm is always present in drinking water systems, often pathogenic. In certain cases, the biofilm can also use organic acids as nutrients, which makes the acids useless. Removing the biofilm generally improves zootechnical performance.



Brands

- SoftAcid V for hard water and strong bacterial contamination
- SoftAcid IV+ when yeast problems can occur

Benefits

- Strong pH effect compared to buffered acids
- High antibacterial effect
- Less corrosive than other acids
- Reduced smell - no drop in water consumption
- Effective on biofilm
- Easy and safe to use
- Strong effect on yeasts and moulds (wet feeding)

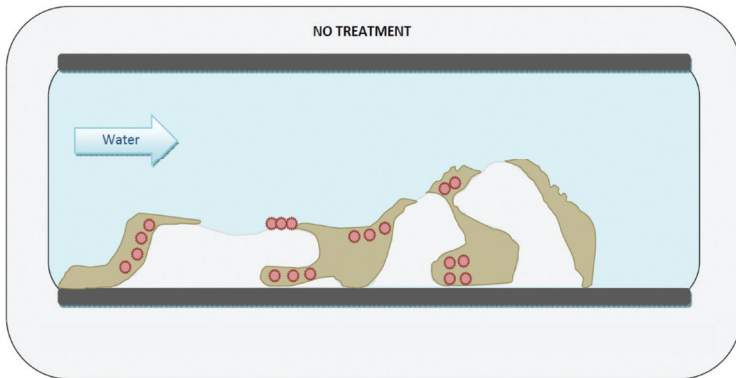


Borregaard
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1. DRINKING WATER

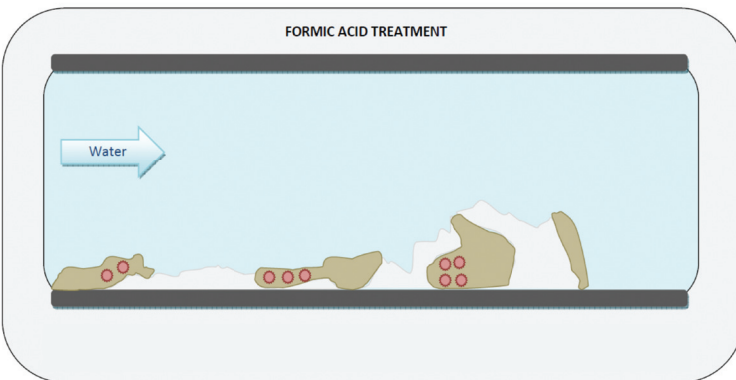
TARTAR (CaCO₃) BIOFILM SALMONELLA



No treatment

In drinking water system, biofilm is very common. It is very often stored in CaCO₃, and thus difficult to remove.

TARTAR (CaCO₃) BIOFILM SALMONELLA



Formic acid treatment

Organic acid treatment is effective against tartar (acid reaction) and *Salmonella*, but have low efficacy against biofilm. Some bacteria in biofilm even utilise formic acid as a nutrient.

TARTAR (CaCO₃) BIOFILM SALMONELLA



SoftAcid treatment

SoftAcid is effective against tartar (acid reaction), *Salmonella* (organic acid content) and biofilm.