FISH SILAGE PRESERVATION

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

High quality fish silage

SoftAcid®
Protecting Values

By-products from farmed species and wild fish are raw materials for fish silage production. Borregaard LignoTech has developed a combination of formic acid and lignosulphonic acid that controls the pH and reduces corrosion.

Both SoftAcid Aqua M and SoftAcid Aqua M+ consist of formic acid and lignosulphonic acid. SoftAcid Aqua M+ also contains an additional anti-oxidant (ethoxyquin), in order to maintain the quality of the oil and protein in the silage.

Lignosulphonic acid is a natural antioxidant and gives an extra protection against degradation of the fish silage. Hence, SoftAcid Aqua M+ improves the quality of the fish silage by preserving the fish by-products from oxidation.

Brands

- SoftAcid Aqua M / SoftAcid Aqua M+

Benefits

- Reduced corrosion rate
- Stronger antioxidant effect

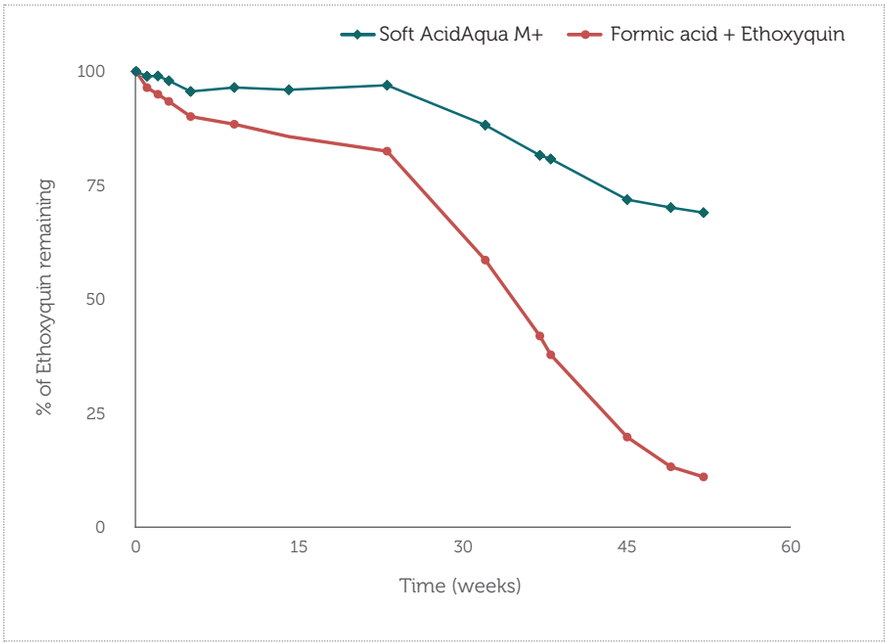
Scan for more information

Borregaard LignoTech

www.lignotechfeed.com

PERFORMANCE OF SOFTACID

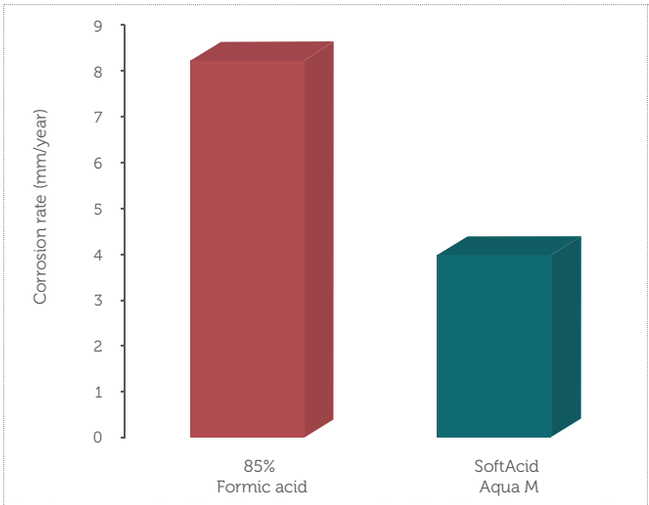
Degradation rate of ethoxyquin with and without lignosulphonic acid (LS) in formic acid.



Large scale trial: 1000 litre containers stored outside exposed to all kinds of weather conditions. Sampling started in October 2010. The results are measured by HPLC. Note: Slow degradation of ethoxyquin during winter period due to very cold weather. Laboratory trials have also been performed (at 20-25°C), supporting the above mentioned results. The stability trials all show that lignosulphic acid has a stabilising effect upon ethoxyquin.

ENVIRONMENTAL ADVANTAGES OF SOFTACID

Significantly less corrosion with SoftAcid Aqua M on carbon steel.



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E-mail: animalfeed@borregaard.com • www.softacid.com • www.lignotechfeed.com