

Formulation Preservative and Deodorizing Efficacy Across Broad pH Spectrum

With changing regulatory and market requirements concerning some of the currently used traditional preservatives such as parabens, CMI/MI and formaldehyde donors, alternative new technologies must be explored to address future global preservation needs. In the field of personal care, the preservative is chosen based on the pH range of the product and the effectiveness for that system. In addition to effectiveness over a broad pH range, use level and cost must be considered.

In this presentation, a specific additive, CPC, whose active ingredient has been used in oral healthcare products for decades will be discussed. The additive can offer a potential new cost effective option for personal care preservation; one that has a good history of human safety. CPC can also serve as a deodorant additive, effective against strains of *Corynebacterium* 'odour-causing bacteria'.

Overall, CPC shows anti-microbial efficacy against a broad range of microorganisms and fungi over a wide pH range, making it an appealing additive for Personal Care and Cosmetic products with formulation flexibility for various intended applications.

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