

Hydro Super BIO Series

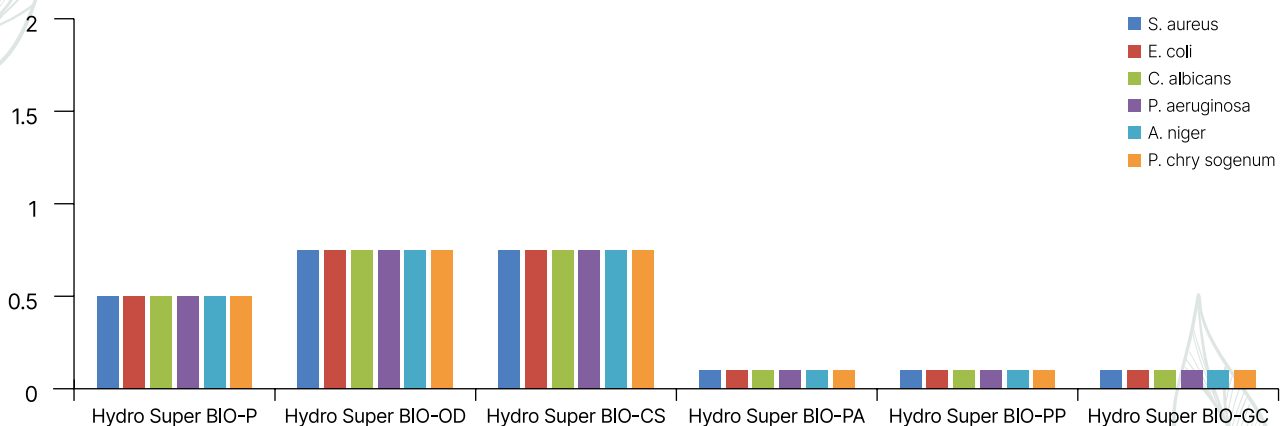
Introduction

Preservatives-Free-Concept preservatives with antimicrobial effects against cosmetics microorganisms such as bacteria/yeasts/fungus and five bacteria by blending preservative-Free-concept preservatives under optimal conditions.

Product name	INCI	PK(Kg)	Skin	Cleanser	Feature
Super BIO-OD	1,2-Hexenediol, Caprylyl Glycol	18	√√	√	<ul style="list-style-type: none"> Preservatives-Free-concept, Main skin and hair care preservative, 5 microbes control, Fragrance-free available Recommend dosage : 1.0 ~ 2.0 % Lexgard® O replacement (Inolex)
Super BIO-CS	Ethyl Hexanediol, 1,2-Hexanediol	18	√√	√	<ul style="list-style-type: none"> Preservatives-Free-concept, Main skin and hair care preservative, 5 microbes control, Fragrance-free available Recommend dosage : 1.0 ~ 2.0 %
Hydro Super BIO-PA	Water, Caprylyl Glycol, Decylene Glycol, Dipropylene Glycol, Phenethyl Alcohol, Hydroxyacetophenone	18	√√	√	<ul style="list-style-type: none"> Rose scent, (Preservatives-Free-concept) Main skin care preservative, 5 microbes control, Fragrance-free available Recommend dosage : 0.8 ~ 1.5 % Lexgard NAP replacement (Inolex)
Hydro Super BIO-PP	Water, Caprylyl Glycol, Decylene Glycol, Dipropylene Glycol, Phenylpropanol, Hydroxyacetophenone	18	√√	√	<ul style="list-style-type: none"> Preservatives-Free-Concept, Main skin care preservative, 5 microbes control Recommend dosage : 0.8 ~ 1.5 % Zestat replacement (Inolex)
Hydro Super BIO-GC	Water, Caprylyl Glycol, Decylene Glycol, Dipropylene Glycol, Glyceryl Caprylate, Hydroxyacetophenone	18	√√	√	<ul style="list-style-type: none"> Preservatives-Free-Concept, Main skin care preservative, 5 microbes control, Odorless Recommend dosage : 0.8 ~ 1.5 % Lexgard® Natural MB replacement (Inolex)
Super BIO-P	Phenoxyehtanol, Caprylyl Glycol	18	√√	√	<ul style="list-style-type: none"> No Preservatives, Main skin and hair care preservative, 5 microbes control, Fragrance-free available Recommend dosage : 0.5 ~ 2.0 %

Efficacy test

1. Hydro Super BIO-PA/PP/GC MIC Test



By solubilizing 3 types of preservatives, transparency can be improved in ampoule or cleansing formulations to create a transparent formulation.