

Comparison Chart					
	Biopolysan® 120	Biopolysan® 220B	Laurest® 1220	Laurest® 1240	PolyLaurin®
What is it?	Plant-Derived Multifunctional Preservative for Cosmetic Products	Multifunctional Preservative for Natural Cosmetic Products	Plant-Based Multifunctional Cosmetic Ingredient	Plant-Based Multifunctional Cosmetic Ingredient	Plant-Derived FIFRA Registered Preservative for Use in the Manufacture and Preservation of Finished Products
Formulation	Propylene Glycol (and) Propylene Glycol Laurate	Benzyl Alcohol (and) Diglycerin (and) Polyglyceryl-2 Laurate	Diglycerin (and) Polyglyceryl-2 Laurate	Diglycerin (and) Polyglyceryl-2 Laurate	Glyceryl Laurate and Propylene Glycol
For Use In					
	Personal Care Products, Hair Care Products, Color Cosmetics, Animal Care Products, Hygiene Products, Household and Industrial Products, Paints and Caulks				Household and Industrial Products, Paints and Caulks
Natural Products	X	✓ Up to 10 % w/w	✓ Approved by ECOCERT	<i>Pending</i>	N/A
Organic Products	X	✓ Up to 10 % w/w	✓ Approved by ECOCERT	<i>Pending</i>	N/A
Products Free of	Free of Gluten, Paraben, Aluminum, Silicone, Phthalate, Sulfate, and Cruelty				
Antimicrobial Action					
Gram +	✓	✓	✓	✓	✓
Gram -	Effectiveness Varies with Product and Concentration	✓	Effectiveness Varies with Product and Concentration	Effectiveness Varies with Product and Concentration	✓ at > 6.0 % w/w
Fungi	✓ Some Fungi	✓	✓ Some Fungi	✓ Some Fungi	✓
Recommended Concentration					
For Preservation	1.5 - 12 % w/w	0.5 - 2.0 % w/w	1.5 - 3.0 % w/w	1.5 - 3.0 % w/w	1.5 - 25 % w/w
As a Self-Preserving, Skin-Conditioning Ingredient	Up to 25 % w/w	Up to 10 % w/w	Up to 40 % w/w	Up to 40 % w/w	N/A
For Odor Control	1.0 - 3.0 % w/w	0.5 - 5.0% w/w	1.5 - 6.0 % w/w	1.5 - 6.0 % w/w	1.5 - 6.0 % w/w