

Comparison Chart

Biopolysan® 120

Biopolysan® 220B

Laurest® 1220

Laurest® 1240

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

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

For Use In

Personal Care Products, Hair Care Products, Color Cosmetics, Animal Care Products, Hygiene Products, Household and Industrial Products, Paints and Caulks

Natural Products

X

✓ Up to 10 % w/w

✓ Approved by ECOCERT

Pending

Organic Products

X

✓ Up to 10 % w/w

✓ Approved by ECOCERT

Pending

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

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

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

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