

Butterfly&Bee

Natural Preservatives Cheat Sheet

For DIY Cosmetics & Natural Cleaning Products

If your product contains water, hydrosols, aloe, or could get water inside (scrubs in shower, sprays), you need a preservative to prevent bacteria, mold, and yeast growth. These natural and nature-derived options help keep products safe while staying true to clean formulation values.

Preservative	Usage	Best For	Lotions,	Notes
Geogard® 221	0.2–1%	sprays	Water-based	ECOCERT/COSMOS approved, broad spectrum
Geogard® ECT	0.6–1%	formulas	Sprays,	Botanical blend, mild scent
Potassium Sorbate + Sodium Benzoate	0.3–1%	creams	Gentle	Works best pH < 5.5
Leucidal® Liquid	2–4%	skincare	Creams,	Fermented radish, pair with booster
Naticide / Plantservative	0.3–1%	lotions		Botanical aromatic system

Tip: Antioxidants like Vitamin E & Rosemary Extract slow rancidity but are not full preservatives.

Always follow supplier usage rates, adjust pH when needed, and test batches for stability and safety. Safe preservation protects your customers and your brand.

