

Guide to preservative selection

Cosmetic Formulations	Suggested preservative system				
	Halogens-free	Formaldehyde-free	Parabens-free	Formaldehyde Parabens-free	Preservative-free claim
Aqueous-based products (solutions, serums, tonics, gels, sprays)	Preservative A15	Kemaben 5	Kemidant K (pH ≤6)	Kem Plus 2	Stabil
	Preservative A2	Kemaben DHA (pH ≤6)		Kem K (pH ≤6)	
	Kemidant L			Kem E (pH ≤5.5)	
	Kemidant L40				
	Kem 30				
	Kemaben				
	Kemaben 2				
Surfactant-based products (shampoos, conditioners, bubble baths, shower gels, handcleaners, intimates, raw materials)	Preservative A15	Kemaben 4	Kemidant K (pH ≤6)	Kem Plus	Stabil
	Preservative A2	Kemaben 5		Kem Plus 2	
	Kemidant L	Kemaben DHA (pH ≤6)		Kem K (pH ≤6)	
	Kemidant L40			Kem E (pH ≤5.5)	
	Kem 30				
	Kemaben				
	Kemaben 2E				
Emulsions (lotions, creams, sprayable, foundations, mascaras)	Preservative A15	Kemaben 4	Kemidant K (pH ≤6)	Kem Plus	Stabil
	Preservative A2	Kemaben 5		Kem Plus 2	
	Kemidant L	Kemaben DHA (pH ≤6)		Kem K (pH ≤6)	
	Kemidant L40			Kem E (pH ≤5.5)	
	Kem 30				
	Kemaben				
	Kemaben 2E				
Oil-based products (Oils, sticks, waxes, lipogels)		Kemaben 4		Kem Plus	Stabil
		Kemaben 5		Kem Plus 2	
		Kemaben DHA (pH ≤6)			
Wet wipes (cleansing, baby, intimate hygiene, sunscreens)	Preservative A15	Kemaben 4	Kemidant K (pH ≤6)	Kem Plus	
	Preservative A2	Kemaben 5		Kem Plus 2	
	Kemidant L	Kemaben DHA (pH ≤6)		Kem K (pH ≤6)	
	Kem 30			Kem E (pH ≤5.5)	
	Kemaben				
	Kemaben 2				
	Kemaben 2E				