

ISP Vincience Actives



FORMULATION



T-Zone Make-Up Primer with Acnacidol™ BG # 11280-129-1

Ingredients	% W/W	Supplier
Phase A		
Deionized Water	81.27	
Disodium EDTA	0.10	
TEA 99% (Triethanolamine)	0.05	
UltraThix™ P-100 (Acrylic Acid/VP Crosspolymer)	1.00	ISP
Butylene Glycol	1.00	
Phase B		
TEA 99% (Triethanolamine)	0.33	
Phase C		
Protamate 1000 DPS (PEG-20 Stearate)	1.00	Protameen
Cerasynt® 945 (Glyceryl Stearate (and) Laureth-23)	1.50	ISP
Emulsynt™ GDL (Glyceryl Dilaurate)	3.00	ISP
Ceraphyl® 230 (Diisopropyl Adipate)	7.00	ISP
Phase D		
Acnacidol™ BG (Butylene Glycol (and) 10-Hydroxydecanoic Acid (and) Sebacic Acid (and) 1,10-Decanediol)	3.00	ISP
Phase E		
Liquid Germall® Plus (Propylene Glycol (and) Diazolidinyl Urea (and) Iodopropynyl Butylcarbamate)	0.75	ISP
Total	100.00	

Procedure

1. Heat Phase A water to 75°C.; add Disodium EDTA and Phase A aliquot of TEA 99%, mix until uniform.
2. Sprinkle UltraThix™ P-100 into batch using good mixing (prop), batch will thicken slightly. When uniform, add Butylene Glycol, mix until uniform.
3. Add phase B to batch; mix until uniform; batch will thicken.
4. Separately combine ingredients of Phase C; mix and heat to 75-80°C.
5. Add Phase C (75-80°C.) to AB (75°C.) using good mixing (prop). Mix until uniform.
6. Switch to homo-mixer; mix 10 minutes.
7. Switch to sweep-mixing and begin slow cooling batch
8. At 40°C. add Phase D to batch, Mix until uniform.
9. Add Phase E, mix until uniform.
10. Cool batch to R.T. with slow mixing.

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