

Eternal Sunshine Daily Renewal Serum



%	TRADE NAME	INCI	SUPPLIER
PHASE A			
48.95	Water	Water	Local
0.10	Sodium Phytate	Sodium Phytate	Swingline Biotechnology Co. LTD
10.00	Butylene Glycol	Butylene Glycol	Berndt
PHASE B			
5.00	Pelera [®] CCC	Coco-Caprylate/Caprate	Phenix Chemicals
4.00	AC Olive Squalene	Squalene	Active Concepts
0.50	Procton GMS 450	Glyceryl Stearate	Protonics
3.20	dermodin [®] WL M2	Polyglyceryl-2 Distearate (and) Glyceryl Stearate Citrate	Labsi-Labsi-work
PHASE C			
0.25	Sepinae Zin [™]	Polysorbate Crosspolymer-6	Seppic
PHASE D			
5.00	USP NF Glycerin	Glycerin	Evolution Chemicals/Archer Daniels Midland
0.20	Ketrol [®] CG-SFT	Xanthan Gum	CP Kelco
PHASE E			
2.00	euo [®] PE 9010	Phenoxyethanol (and) Ethylhexylglycerin	Arlind
2.00	AC EcoTrenal	Water & Lactobacillus & Penicillium Rutosicon Extract & Phospholipids & Lactobacillus Ferment	Active Concepts
PHASE F			
0.5	Citic Acid 50%	Citic Acid	Capil
0.5	Sodium Hydroxide 25%	Sodium Hydroxide	Chemtrade

Procedure

1. In a clean and sanitizer beaker, charge Phase A water. Begin stirring and heating to 75 - 80°C. Add remaining Phase A ingredients under stirring. Cover and continue heating.
2. Add Phase B ingredients into a separate clean and sanitized beaker and begin heating to 75 - 80°C with stirring.
3. Phase C: Once ingredients of Phase B are melted and homogeneous, disperse Phase C in Phase B with high speed mixing.
4. Once both main beakers have come up to temperature, add Phase BC into Phase A under homogenization. Homogenize at around 2000 rpm until uniform.
5. Create a pre-mix of glycerin and xanthan gum in a separate container. Once main batch has cooled to 40 - 45°C, add pre-mix slurry to main batch under homogenization and mix until uniform.
6. Move to overhead paddle stirrer to begin cooling with continuous mixing (300 - 400 rpm). Add Phase E ingredients separately to batch under stirring.
7. Check specifications