

Make callouses and hardened skin go away with this treat for the feet. Urea and **3V Allantoin** are helped nicely along by waxes, **Activederm RP**, **Sensoderm** esters.

		 Components	 INCI Declaration	 %	 Function
Phase I		Water Disodium EDTA Glycerin dl-Panthenol Rapidgel® EZ1	Aqua Disodium EDTA Glycerin Panthenol PEG-6 (and) AMP-Acrylates/Vinyl Isodecanoate Crosspolymer	Up to 100 0.05 4.00 0.30 4.00	Diluent Chelant Humectant Pro-vitamin B5 Rheology modifier, stabilizing agent
Phase II		Emulsiderm MP1 Ceresine Wax SP-251 ^(A) Natural Wax Jelly SP-511 ^(A) Cetearyl Alcohol Sensoderm CP Sensoderm CCC	Glyceryl Stearate (and) Cetareth-12 (and) Cetareth-20, Cetearyl Alcohol Ceresine Natural Wax Jelly Cetearyl Alcohol Cetyl Palmitate Coco Caprylate/Caprate	4.00 2.00 3.00 1.00 1.00 3.00	O/W emulsifying base Wax builder Wax builder Wax builder Sensorial ester Emollient ester
Phase III		Urea 3V Allantoin Lactic Acid 88% Sodium Hydroxide (10%) Peppermint Oil Lincoserve HpH-6 ^(B) Lincoside IP-2 ^(B) Activederm RP	Urea Allantoin Lactic Acid Sodium Hydroxide (solution) Mentha Piperita Oil Phenoxyethanol (and) Caprylyl Glycol (and) Ethylhexylglycerin Phenoxyethanol (and) Iodopropynyl Butylcarbamate Oryza Sativa (Rice) Starch	15.00 0.45 0.30 0.50 0.50 0.60 0.40 3.00	Keratin softener Skin protectant Buffer Buffer Essential oil Preservative Preservative Sensorial powder
Appearance		White uniform emulsion			
Viscosity (RV T-C @10 rpm)		80,000 – 100,000 cps			
pH (as is)		5.5 – 6.0			
Stability		Passes 50mL @ 30 min. @ 4000 rpm			

Procedure:

- Heat Phase I to 75°C with moderate mixing.
- Heat and melt Phase II at 80°C. Mix well.
- Transfer Phase II into Phase I and mix well.
- Begin cooling. At 55°C add urea which will cool the batch endothermically to 45°C.
- Add remaining Phase III ingredients in order at moderate mixer speed. Mix well.

Sources:

- Strahl & Pitsch
- Lincoln Mfg.