

Here Comes the Tan

Self-Tanning Lotion with Honeywell Asensa[®] DS 912 (Honeywell C101)



Description: An effective way to get that golden look without the damage to your skin from UV radiation. Use of Honeywell Asensa[®] DS 912 odor absorbing agent minimizes malodors often associated with DHA formulations.

	<u>% w/w</u>
Phase A	
Water	56.20
Disodium EDTA	0.10
Methylpropanediol	2.00
Xanthan Gum (Keltrol CG T) ²	0.15
Preservative	q.s.
Phase B	
Glyceryl Stearate (and) PEG-100 Stearate	2.00
Steareth-21	1.00
Cetearyl Alcohol	1.50
Isododecane	5.00
Steareth-2	0.50
BHT	0.05
Trimethylpentanediol/Adipic Acid Copolymer (Lexorez TL 8) ³	2.00
Caprylic/Capric Triglyceride	2.00
Dimethicone (100 cSt.)	1.00
Hydrogenated Polydecene	4.00
Phase C	
Polyacrylamide (and) C13-14 Isoparaffin (and) Laureth-7 (Sepigel 305) ⁴	3.50
Phase D	
Erythrulose	1.00
Water	10.00
Dihydroxyacetone (and) Tyrosine (Instabronze) ⁵	0.50
Dihydroxyacetone	5.50
Phase E	
Honeywell Asensa[®] DS 912 (Zeolite)¹	2.00
Phase F	
Sodium Hydroxide (20 % Aqueous)	q.s.

Procedure: Combine first 3 ingredients of Phase A and heat to 75°C. Slowly sprinkle Xanthan gum into Phase A with stirring and mix until fully hydrated. Add Phenonip. Combine ingredients in Phase B, bring to 75°C and add to Phase A. Add Phase C and begin cooling to 40°C. At 40°C add Phase D and then Phase E. Adjust batch to pH = 4.0 to 5.0 with Phase F.

¹ Honeywell ² CP Kelco ³ Inolex Chemical Company ⁴ Seppic ⁵ Alban Muller Industrie

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