

Hold Your Moisture Sun Protection

SPF 15 Sunscreen with Honeywell Asensa[®] PR 200
(Honeywell C106)



Description: Incorporation of Honeywell Asensa[®] PR 200 polyethylene helps to boost the SPF, inhibit moisture loss in the skin and provide water resistance to the formulation.

	<u>% w/w</u>
Phase A	
Water	42.15
Methylpropanediol	2.50
Tetrasodium EDTA	0.10
Carbomer (Carbopol 980) ² (2% Aqueous solution)	15.00
Xanthan Gum (Keltrol T) ³ (2% Aqueous solution)	10.00
Phase B	
Ethylhexyl Methoxycinnamate	7.50
Benzophenone-3	4.00
Ethylhexyl Palmitate	7.50
Ethylhexyl Salicylate	4.00
Caprylic/Capric Triglyceride	3.00
Honeywell Asensa[®] PR 200 (Polyethylene) ¹	2.00
Dimethicone (100 cSt.)	1.00
Glyceryl Stearate (and) PEG-100 Stearate	1.00
Phase C	
TEA (99%)	0.25
Phase D	
Preservative	q.s.

Procedure: Combine ingredients of Phase A and heat to 80°C. Combine ingredients of Phase B and heat to 95°C. Add Phase B to Phase A with stirring then Phase C. Cool to 45°C and add Phase D. Homogenize (Silverson @ 5000 rpm for 5 minutes) and package.

¹ Honeywell ² Noveon ³ Kelco

Honeywell Personal Care

101 Columbia Road
Morristown NJ, 07962
1-866-245-3870

<http://www.asensa.com>

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