

SPF Lotion with RESCONCEPT® SUN HP WR NC

With an SPF of 30* this lotion is easy to manufacture using the Resconcept range from Res Pharma.

RESCONCEPT® SUN HP WR NC is a cold process emulsion concentrate for water resistant high protection formulations. **Thalitan P** helps stimulate tanning whilst protecting the skin from the harmful effects of UV.

Trade Name	INCI Name	Function	%W/W	Supplier
1 Deionized Water	Aqua	Solvent	2.1	
2 RESASSOL® DN	Diglycerin	Humectant	1	Res Pharma Srl Via ProTec Ingredia
3 RESCONCEPT® SUN HP WR NC	Water (and) C12-15 Alkyl Benzoate (and) Ethylhexyl Salicylate (and) Octocrylene (and) Butyl Methoxydibenzoylmethane (and) 4-Methylbenzylidene Camphor (and) Phenylbenzimidazole Sulfonic Acid (and) VP/Eicosene Copolymer (and) Polysilicone-15 (and) Decyl Oleate (and) Ceteth-2 (and) Cetareth-25 (and) Phenoxyethanol (and) Potassium Hydroxide (and) Ethylhexylglycerin (and) Tocopheryl Acetate (and) Cyclopentasiloxane (and) Tetrasodium EDTA (and) o-Cymen-5-ol (and) Sodium Hydroxide (and) Dimethicone (and) Lauryl Alcohol (and) Myristyl Alcohol	Emulsion Concentrate	90	Res Pharma Srl Via ProTec Ingredia
4 Floramac® 10	Ethyl Macadamiate	Dry Emollient	0.3	Floraetch Via ProTec Ingredia
5 SEPIGEL 305	Polyacrylamide & C13-14 Isoparaffin & Laureth-7	Thickener	4	Seppic
6 euxyl®PE9010	Phenoxyethanol and Ethylhexylglycerin	Preservative	0.05	Schulke UK
7 Thalitan P	Aqua & Hydrolyzed Algin & Magnesium Sulfate & Manganese Sulfate & Phenoxyethanol.	Active Ingredient	2.5	Codif Via ProTec Ingredia

* Estimated SPF

ProTec Ingredia Ltd.

Unit 10 Delta Court, Manor Way, Borehamwood, Herts., WD6 1FJ, UK

Website: www.protectingredia.com

Registered in London No. 07517784 VAT No. GB 100 2120 14

The information provided, to the best of our knowledge is believed to be correct however we do not guarantee its accuracy. Potential purchasers shall not only rely on information stated herein when purchasing any products and should make their own investigations to determine if such products are suitable for a particular use. It is your responsibility to thoroughly test any formulations and all warranties, indemnities or liabilities implied or expressed by law are hereby excluded by ProTec Ingredia Ltd to the fullest extent permitted by law.

Method of Manufacture

Into the main vessel add:

RESCONCEPT® SUN HP WR NC	Start the mixer on a moderate speed.
Diglycerin	Mix until dispersed avoiding aeration.
Floramac® 10	Mix until dispersed.
euxyl®PE9010	Mix until dispersed.
Thalitan P	Mix until dispersed.
Aqua	Mix until dispersed.

Into the main vessel add:

SEPIGEL 305	Start the homogeniser on a moderate speed. Homogenise for 5 minutes or until product is completely uniform and lump free.
-------------	--

Ensure the bulk is at 23C

When the product is at 23C check the product specifications.

Product Specifications

pH	6.5- 7.5
Viscosity	30,000-35,000 cps LVT Spindle 4, Speed 10, 30 seconds
Colour	White
Appearance	Viscous, mobile fluid emulsion.

ProTec Ingredia Ltd.
Unit 10 Delta Court, Manor Way, Borehamwood, Herts., WD6 1FJ, UK
Website: www.protectingredia.com
Registered in London No. 07517784 VAT No. GB 100 2120 14

The information provided, to the best of our knowledge is believed to be correct however we do not guarantee its accuracy. Potential purchasers shall not only rely on information stated herein when purchasing any products and should make their own investigations to determine if such products are suitable for a particular use. It is your responsibility to thoroughly test any formulations and all warranties, indemnities or liabilities implied or expressed by law are hereby excluded by ProTec Ingredia Ltd to the fullest extent permitted by law.