

RESASSOL VPF

a PEG-Free Fragrance and Essential Oil Solubilizer

RESASSOL VPF is a powerful fragrance in water solubilizer similar in performance to PEG-40 Hydrogenated Castor Oil.

This natural solubilizer, based on a mild surfactant system, is a clear liquid even at low temperatures. It simplifies formulations as it does not require any heating or homogenization prior to use.



Benefits:

- 100% Natural - Ecocert Approved
- PEG-Free & Mild
- Cold Process
- Clear, pourable liquid at low temperatures
- Similar use levels to traditional, synthetic solubilizers

Applications:

- Wet Wipes
- Fragrance; Perfumed waters
- Deodorants
- Skin Care Formulations

INCI:
Polyglyceryl-4 Caprylate (and) Decyl Glucoside (and) Sodium Lauroyl Glutamate (and) Diglycerin (and) Water






The following chart demonstrates the solubilizing power of **RESASSOL VPF** as compared to PEG-40 Hydrogenated Castor Oil

Oil	% Oil	% RESASSOL VPF	Oil/Solubilizer Ratio	% PEG-40 Hydrogenated Castor Oil	Oil/Solubilizer Ratio
Rosemary Essential Oil	1.0	2.0	1:2	7.0	1:7
Sage Essential Oil	1.0	4.0	1:4	7.0	1:7

Lavender Essential Oil	1.0	5.0	1:5	7.0	1:7
Alpha-Bisabolol	0.2	4.0	1:20	1.0	1:5
Tocopherol Acetate	0.2	1.4	1:7	5.0	1:25
Citrus Fragrance - floral musk	1.0	3.5	1:3.5	3.0	1:3
Fruity Fragrance - green, woody	1.0	3.0	1:3	3.0	1:3

SOFT HANDS ANTI-BACTERIAL SANITIZER

Hands will not yearn for moisture after using this sanitizer! *Dermofeel Sensolv* counteracts the drying effect of alcohol while *Resplanta PGA* gently cleanses.

	TRADE NAME	INCI	SUPPLIER	%
Phase I				
	Water	Water		q.s
	Carbopol Ultrez 20	Acrylates/C10-30 Alkyl Acrylate Crosspolymer	Protameen	0.50
	<i>Pantenolo Glicole</i>	<i>Panthenol, Propylene Glycol</i>	<i>Kinetik Technologies</i>	<i>0.50</i>
Phase II				
	<i>SDA 38B Organic Alcohol 190</i>	Alcohol	<i>Kinetik Technologies</i>	<i>65.00</i>
	<i>Dermofeel Sensolv</i>	Isoamyl Laurate	<i>Kinetik Technologies</i>	<i>0.50</i>
	<i>Resplanta PGA</i>	Avocado Oil Glycereth-8 Esters	<i>Kinetik Technologies</i>	<i>1.00</i>
Phase III				
	Fragrance		Various	0.30
	<i>Resassol VPF</i>	Polyglyceryl-4 Caprylate, Decyl Glucoside, Sodium Lauroyl Glutamate, Diglycerin, Water	<i>Kinetik Technologies</i>	<i>1.00</i>
Phase IV				
	TEA 99	Triethanolamine	Various	0.40
pH: 6.0 - 7.0				
Viscosity: 25,000 – 30,000 cps				

 **Denotes Natural Ingredient**

Procedure:

1. Charge water in main tank with slow propeller mixing. Slowly sift Carbopol Ultrez 20 into main tank. Let hydrate for 10-15 minutes
2. Add remaining Phase I materials as listed
3. Combine Phase II ingredients and slowly add to main tank
4. Solubilize fragrance with *RESASSOL VPF* (the mixture should be clear) and add to main

5. Neutralize with TEA 99

Would you like a sample or formulation of **RESASSOL VPF**? Just [click here](#).

To download a pdf of the formulation, please [click here](#).

To download the **RESASSOL VPF** Marketing Brochure, [click here](#).



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