



**RES
PHARMA**
INNOVATIVE INGREDIENTS

Resassol **APOSTROPHIE**[®]

THE COSMOS ESSENCE OF SOLUBILIZATION



RESASSOL APOSTROPHIE

Caprylyl/Capryl Glucoside, Aqua, Polyglyceryl-3 Cocoate, Polyglyceryl-10 Laurate, Citric Acid



THE COSMOS ESSENCE OF SOLUBILIZATION COSMOS Approved

Resassol® Apostrophie is a high performance natural solubilizer, based on renewable materials and that provides remarkable solubilizing properties for essential oils and fragrances composition.

As the apostrophe represents the art of conversation.

The apostrophe becomes the means through which the conversation becomes fluid, a transparent dialogue, an exchange. In the same way, Resassol Apostrophie enhances the transparency of your composition, placing harmony among the different ingredients, becoming the essence of solubilization.

18PS75 MICELLAR WATER

	INCI Name	%	Activity	Supplier
Phase A1				
RESASSOL® APOSTROPHIE	Caprylyl/Capryl Glucoside, Aqua, Polyglyceryl-3 Cocoate, Polyglyceryl-10 Laurate, Citric Acid	2.00	COSMOS, PGF, Non Ionic Solubilizer	RES PHARMA INDUSTRIALE
RESPLANTA® PGF BABASSU	Babassu Oil Polyglyceryl-4 Esters, Aqua	1.00	Water soluble oil	RES PHARMA INDUSTRIALE
	Propanediol	5.00	Humectant	
	Phenoxyethanol, Ethylhexylglycerin	1.10	Preservative	
	1,2-Hexanediol	1.50	Humectant	
	Octyldodecanol	0.50	Emollient	
Phase A2				
	Aqua	to 100	Solvent	

MANUFACTURING PROCEDURE

Mix ingredients of phase A1 till homogeneous.
Add Phase A2 slowly to Phase A1 and mix till complete solubilization.
Adjust pH (7.00 - 7.60).

PHYSICO-CHEMICAL DATA

Appearance: Clear Colorless Solution
pH: 7.00 – 7.60

STABILITY Tested.

RESASSOL APOSTROPHIE

Resassol® APOSTROPHIE is based on sustainable raw materials and it is developed for cold process formulations. Ideal for use in water based formulations.

APPLICATIONS

- SHAMPOO
- MICELLAR GEL
- OIL BATHS
- MAKE-UP REMOVERS
- FACIAL CLEANSERS
- HAIR MIST
- PERFUMES
- AP/DEO FORMULATIONS
- WET WIPES

19PS55 HAIRSILK SPRAY

	INCI Name	%	Activity	Supplier
Phase A				
RESASSOL® APOSTROPHIE	Caprylyl/Capryl Glucoside, Aqua, Polyglyceryl-3 Cocoate, Polyglyceryl-10 Laurate, Citric Acid	3.00	COSMOS PGF Non-Ionic Solubilizer	RES PHARMA INDUSTRIALE
RESPLANTA® MAC	Macadamia Seed Oil Glycereth-8 Esters	1.00	Water soluble vegetable oil	RES PHARMA INDUSTRIALE
	Octyldodecanol	0.05		
	Simmondsia Chinensis Seed Oil	0.05	Emollient	
	1,2-Hexanediol	1.00	Humectant	
	Phenoxyethanol, Ethylhexylglycerin	1.10	Preservative	
	Parfum	0.10	Fragrance	
Phase B				
	Aqua			
MORIPURE® SERICIN	Glycerin, Sericin, Aqua	1.50	Rebboing sustainable sericin active	RES PHARMA INDUSTRIALE

MANUFACTURING PROCEDURE

Mix ingredients of Phase A.
Mix ingredients of phase B.
Add Phase B to A.
Adjust pH (4.80 – 5.20).

PHYSICO-CHEMICAL DATA

Appearance: Transparent solution.
pH: 4.80 – 5.20

STABILITY Tested.

HOW TO USE RESASSOL APOSTROPHIE

The necessary amount of any solubilizer is highly dependent on oil quality, solubilizer quality, water hardness, pH, temperature, formulation composition and processing method (e.g. speed of water phase addition).

Processing at room temperature is easily possible with Resassol® APOSTROPHIE.

BEST RESULTS FOR SOLUBILIZATION

- 1_ Blend the oil with Resassol® APOSTROPHIE.
- 2_ Add water or surfactant mixture very slowly initially (later on it can be added faster).
- 3_ Recommended pH Range 4.00-8.00.

FRAGRANCES						
Ozonic Fruity (IPM solvent)	Floral Fruity	Floral Aldehydic	Fougère Citrus	Oriental Floral	Wood Spicy	Balsamic Floral (IPM solvent)
1:9	1:5	1:2	1:4	1:3	1:4	1:8

ESSENTIAL OILS		
Sage E.O.	Lavander E.O.	Orange E.O.
1:5	1:10	1:10

OILS			
C12-15 Alkyl Benzoate	Isopropyl Myristate	Ethylhexyl Methoxycinnamate	C12-15 Alkyl Benzoate + Ethylhexyl Methoxycinnamate (50:50)
1:15	1:15	1:15	1:10

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