

BioAmber

BIO-BASED SUCCINIC ACID FOR NATURAL ESTER FORMULATIONS

CREATING VALUE WITH NATURAL PERSONAL CARE INGREDIENTS THAT PERFORM



HAIR CONDITIONER FORMULATION WITH DIOLEYL SUCCINATE (Experimental ester)

	TRADE NAME	INCI NAME	% w/w
PART A	Deionized water	Deionized water	82.3
	Cetearyl alcohol	Cetearyl alcohol	6.0
	Polysorbate 60	Polysorbate 60	1.0
	Lexamine S-13	Stearamidopropyl dimethylamine	1.5
	Adogen 432 CG	Dicetyldimonium chloride	3.0
	Panthenol	Panthenol	0.1
PART B	Citric acid	Citric acid	0.1
PART C	Botanistat PF-64	Phenoxyethanol, Caprylyl glycol, Ethylhexylglycerine, hexylene glycol	1.0
PART D	Dioleyl succinate ⁺	Dioleyl succinate	5.0

⁺Positive control replaced Part D with 5.0% w/w of Cyclopentasiloxane (Cosmetic Fluid 995)

HAIR SHINE SERUM FORMULATION WITH OCTYL DECYL SUCCINATE (Experimental ester)

	TRADE NAME	INCI NAME	% w/w
PART A	Cosmetic Fluid 9109	Cyclotetrasiloxane, cyclopentasiloxane, dimethicone	94.9
	Octyl decyl succinate ⁺⁺	Octyl decyl succinate	5.0
	Lovespell type Fragrance	Fragrance	0.1

⁺⁺Positive control replaced octyl decyl succinate with 5.0% w/w of Cyclopentasiloxane (Cosmetic Fluid 995)



NORTH AMERICA : : +1.514.844.8000
info@bio-amber.com

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MOISTURIZING SKIN CREAM FORMULATION WITH DISTEARYL SUCCINATE (Experimental ester)

	TRADE NAME	INCI NAME	% w/w
PART A	Deionized water	Deionized water	74.4
	Carbopol Ultrez 10	Carbomer	0.5
PART B	Glycerin 99.50%	Glycerine	4.0
	Keltrol CG	Xanthan Gum	0.2
PART C	Safflower Oil High Oleic	Carthamus tinctorius (Safflower) seed oil	5.0
	Isopropyl Myristate	Isopropyl myristate	2.0
	Cetyl alcohol	Cetyl alcohol	2.0
	Stearic acid	Stearic acid	3.0
	Glyceryl stearate SE	Glyceryl stearate SE	2.0
	DM 100	Dimethicone	1.0
	Shea Butter	Butyrospermum parkii (Shea) nut butter	1.0
PART D	Triethanolamine 99%	Triethanolamine	0.8
PART E	Vitamin E Acetate	Tocopheryl Acetate	0.1
PART F	Botanistat PF-64	Phenoxyethanol, Caprylyl glycol, Ethylhexylglycerine, hexylene glycol	1.0
PART G	Distearyl succinate ⁺⁺⁺	Distearyl succinate	3.0

+++Positive control replaced Part G with 3.0% w/w dimethicone and dimethicone cross polymer (Botanisil GB-40)



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