

CHINA
COMPLIANT?

NANO/MICROCAPSULES

Properties

INCI / Preservatives

Formulation

Other uses

ANTI-AGING

CAPSURETINOL UHC

Y

13% retinol-loaded microcapsules

Pressure-triggered retinol release. BHT-free. Anti-wrinkle. Anti-aging. Photo-aging reversion

Aqua (and) retinol (and) caprylic/capric triglyceride (and) polyurethane crosspolymer-1 (and) tocopherol (and) polyvinyl alcohol (and) xanthan gum
Preservative: methylpropanediol (and) caprylyl glycol (and) phenylpropanol

0.1-5%

Antioxidant / Anti-acne

CAPSURETINOL RP

Y

30% retinyl propionate-loaded microcapsules

Pressure-triggered retinyl propionate release. Less irritating than retinol

Aqua (and) retinyl propionate (and) polyurethane crosspolymer-1 (and) xanthan gum (and) BHT (traces)
Preservative: methylpropanediol (and) caprylyl glycol (and) phenylpropanol

0.1-3%

Anti-acne

CAPSURETINOL PF

Y

3% retinol-loaded microcapsules

Pressure-triggered retinol release. BHT-free. Anti-wrinkle

Aqua (and) glycine soja (soybean) oil (and) retinol (and) polyurethane crosspolymer-1 (and) xanthan gum
Preservative: phenoxyethanol, caprylyl glycol, glycerin, glyceryl caprylate, phenylpropanol

1-10%

Antioxidant

ECORES

Y

3% resveratrol-loaded nano/microcapsules

Enzyme-triggered resveratrol release. Anti-aging and antioxidant

Aqua (and) caprylic/capric triglyceride (and) polyurethane crosspolymer-1 (and) resveratrol (and) xanthan gum

1-10%

Free-radical scavenger

ECOCAPS-TOCOPHEROL

Y	25% vitamin E (D,L-alpha-tocopherol)-loaded microcapsules	Pressure-triggered tocopherol release. Free-radical scavenger and anti-oxidant effect	Aqua (and) tocopherol (and) caprylic/capric triglyceride (and) polyurethane crosspolymer-1 (and) polyvinyl alcohol (and) xanthan gum Preservative: methylpropanediol (and) caprylyl glycol (and) phenylpropanol	1-5%	Soothing / Anti-pollution
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ESSENTIAL OILS**ECOCAPS-BERGAMOT (94% natural)**

Y	12% bergamot essential oil-loaded microcapsules	Pressure-triggered bergamot oil release. Long-lasting scent and ego-booster effect	Aqua (and) caprylic/capric triglyceride (and) citrus aurantium bergamia (bergamot) fruit oil (and) polyurethane crosspolymer-1 (and) xanthan gum Preservative: methylpropanediol (and) caprylyl glycol (and) phenylpropanol	1-10%	Skin cleansing
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ECOCAPS-GRAPEFRUIT (97% natural)

Y	30% grapefruit essential oil-loaded microcapsules	Pressure-triggered grapefruit oil release. Long-lasting scent and invigorating effect	Aqua (and) citrus grandis (grapefruit) peel oil (and) polyurethane crosspolymer-1 (and) xanthan gum Preservative: methylpropanediol (and) caprylyl glycol (and) phenylpropanol	1-5%	Antimicrobial
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ECOCAPS-TEA TREE (97% natural)

Y	30% tea tree essential oil-loaded microcapsules	Pressure-triggered tea tree oil release. Long-lasting antimicrobial effect	Aqua (and) melaleuca alternifolia (tea tree) leaf oil (and) caprylic/capric triglyceride (and) polyurethane crosspolymer-1 (and) xanthan gum Preservative: none	1-5%	Anti-acne
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ECOCAPS-LAVENDER (97% natural)

Y	30% lavandin essential oil-loaded microcapsules	Pressure-triggered lavandin oil release. Long-lasting scent and antimicrobial effect	Aqua (and) lavandula hybrida oil (and) polyurethane crosspolymer-1 (and) xanthan gum Preservative: none	1-5%	Relaxing
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ECOCAPS-CINNAMON (95% natural)

Y	15% cinnamon essential oil-loaded microcapsules	Pressure-triggered cinnamon oil release. Long-lasting scent, antimicrobial and anti-oxidant effect	Aqua (and) cinnamomum cassia oil (and) caprylic/capric triglyceride (and) polyurethane crosspolymer-1 (and) xanthan gum Preservative: methylpropanediol (and) caprylyl glycol (and) phenylpropanol	0.1-2%	Warming
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ECOCAPS-NEEM (91% natural)

Y	3% neem seed essential oil-loaded microcapsules	Pressure-triggered neem oil release. Long-lasting antimicrobial and anti-parasitic effect	Aqua (and) caprylic/capric triglyceride (and) melia azadirachta seed oil (and) polyurethane crosspolymer-1 (and) xanthan gum Preservative: methylpropanediol (and) caprylyl glycol (and) phenylpropanol	0.5-10%	Soothing
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ECOCAPS-NEEM-SPEARMINT (93% natural)					
Y	Neem (3%) and spearmint (6%) essential oils-loaded microcapsules	Pressure-triggered neem and spearmint oil release. Long-lasting mint scent and antimicrobial effect	Aqua (and) caprylic/capric triglyceride (and) mentha viridis (spearmint) leaf oil (and) melia azadirachta seed oil (and) polyurethane crosspolymer-1 (and) xanthan gum Preservative: methylpropanediol (and) caprylyl glycol (and) phenylpropanol	0.5-10%	Cooling
ECOCAPS-ARGAN (91% natural)					
Y	30% argan oil-loaded microcapsules	Pressure-triggered argan oil release. Long-lasting skin moisturizing effect	Aqua (and) argania spinosa kernel oil (and) polyurethane crosspolymer-1 (and) xanthan gum Preservative: methylpropanediol (and) caprylyl glycol (and) phenylpropanol	1-10%	Regenerating
CONDITIONERS					
SILAIRCARE-18					
Y	18% Aminodimethicone-loaded polyurethane-nano/microcapsules	Drying-activated release of amodimethicone. Ideal as leave-in conditioner during blow-drying or flat ironing procedures	Aqua (and) amodimethicone (and) polyurethane crosspolymer-1 (and) polyvinyl alcohol (and) polysorbate-20 Preservative: methylpropanediol (and) caprylyl glycol (and) phenylpropanol	5-20%	Heat protection
EXTRACTS					
ECOCAPS-MENTHOL (93% natural)					
Y	6% menthol-loaded microcapsules	Pressure-triggered release of menthol. Used in combination with free menthol for a long-lasting cooling effect	Aqua (and) caprylic/capric triglyceride (and) menthol (and) polyurethane crosspolymer-1 (and) xanthan gum Preservative: methylpropanediol (and) caprylyl glycol (and) phenylpropanol	5-20%	Anti-inflammatory

	<ul style="list-style-type: none"> ○ ECOCAPS-NEEM-EX (92% natural) 				
Y	30% neem leaves extract-loaded microcapsules	Pressure-triggered neem leaves oily extract release. Long-lasting antimicrobial and anti-parasitic effect. Neem odor free	Aqua (and) helianthus annuus (sunflower) seed oil (and) melia azadirachta leaf extract (and) polyurethane crosspolymer-1 (and) xanthan gum Preservative: methylpropanediol (and) caprylyl glycol (and) phenylpropanol	5-10%	Soothing
	<ul style="list-style-type: none"> ○ ECOCAPS-GINSENG (93% natural) 				
Y	30% ginseng extract-loaded microcapsules	Pressure-triggered ginseng oily extract release. Long-lasting energizing, cleansing effect	Aqua (and) caprylic/capric triglyceride (and) ginseng panax extract (and) polyurethane crosspolymer-1 (and) xanthan gum Preservative: methylpropanediol (and) caprylyl glycol (and) phenylpropanol	5-10%	Antioxidant
	FRAGRANCES				
	<ul style="list-style-type: none"> ○ ECOCAPS-GREEN APPLE 				
Y	30% green apple fragrance-loaded microcapsules	Pressure-triggered green apple fragrance release. Long-lasting fruity, fresh and floral scent	Aqua (and) fragrance (and) polyurethane crosspolymer-1 (and) xanthan gum Preservative: none	1-10%	Aromatic
CHINA COMPLIANT?	FILM-FORMING POLYMERS	Properties	INCI / Preservatives	Formulation	Other uses
	<ul style="list-style-type: none"> ○ VERCARE PRO 			Check with our partner	
Y	Water-based polyurethane-polyurea-siloxane with free thiol groups	Keratin-targeted hair and skin repairing hybrid siloxane-polyurethane polymer	Aqua and Dimethicone/Mercaptopropyl Methicone Copolymer (and) PEG-100/IPDI Preservative: methylpropanediol (and) caprylyl glycol	3-15%	
	<ul style="list-style-type: none"> ○ VERCARE FILMER 				
Y	Water-based cationic polyacrylamide	Hair-conditioning, film-former and hair-binding agent for hair care formulas	Aqua (and) Polyquaternium 5 Preservative: methylpropanediol (and) caprylyl glycol	5-15%	Conditioning, Slip for shaving

Y	<p>○ VERCARE MULTI</p> <p>100% solids low molecular weight diurethane and derived from IPDI</p>	Hydrophobic film-forming emollient, plasticizer and conditioning agent for hair care and skin care with high pH and thermal stability	<p>Aqua (and) Dioctyldodecyl IPDI</p> <p>Preservative: methylpropanediol (and) caprylyl glycol</p>	5-10%	Anti-freeze agent
Y	<p>○ VERCARE U34</p> <p>Anionic aqueous dispersion of aliphatic polyester-polyurethane</p>	Designed to be included in face masks, sunscreens, conditioners, hair masks and hair-sprays to provide SPF-boosting, light weight film-formation and high elasticity. Specially recommended for damaged, rebel and curled hair	<p>Aqua (and) Polyurethane-34</p> <p>Preservative: methylpropanediol (and) caprylyl glycol</p>	5-25%	Color protection
Y	<p>○ VERCARE U64</p> <p>Ethanol-based non-ionic polyurethane film-former</p>	Great performance as SPF booster providing high water resistance in wet skin application. Also useful for hair styling sprays and aerosol sprays to provide high flexibility, frizz protection and light weight hold	<p>Aqua (and) Polyurethane-64</p> <p>Preservative: methylpropanediol (and) caprylyl glycol</p>	5-10%	Water resistant SPF-boost
Y	<p>○ ECO SELF-HEAL</p> <p>Water-based cationic film-forming hybrid silane-polyurethane polymer</p>	This polymer is designed to self-heal and mask minor cuts and scratches and is especially recommended for advanced hair repair treatments and high-end nail polish products	<p>Aqua (and) Dilinoleyl Alcohol/IPDI Copolymer (and) PEG-800 (and) Aminopropyl Triethoxysilane</p> <p>Preservative: methylpropanediol (and) caprylyl glycol</p>	5-20%	Nail scratches masking
Y	<p>○ ECO FILMCARE</p> <p>Water-based anionic film-forming hybrid silane-polyurethane polymer</p>	This polymer is designed for high humidity and abrasion resistance in hair styling and advanced nail polish products	<p>Aqua (and) Diethylene Glycol/Dimer Dilinoleic Acid Copolymer (and) PPG-17/IPDI/DMPA Copolymer (and) Aminopropyl Triethoxysilane</p> <p>Preservative: methylpropanediol (and) caprylyl glycol</p>	5-80%	Abrasion-resistance for nail polish
Y	<p>○ ELYSAN PLUS</p> <p>Anionic aqueous dispersion of aliphatic polyester-polyurethane</p>	SPF-boosting, light weight film-formation and high elasticity. Specially developed to ensure a higher wash resistance and binding	<p>Aqua (and) Polyurethane-35</p> <p>Preservative: methylpropanediol (and) caprylyl glycol</p>	5-25%	Water-based nail polish