



## Cetpro<sup>®</sup> from ProTec Ingredia

A collection of high quality, cost effective raw materials for personal care applications.

### Actives

Name	INCI	Function	Description
Cetpro <sup>®</sup> AG	Ascorbyl Glucoside	Anti-ageing	Ascorbyl Glucoside is an excellent antioxidant. It can dramatically reduce the free radicals that result from UV irradiation of skin.
Cetpro <sup>®</sup> ATIP	Ascorbyl Tetraisopalmitate	Anti-ageing/skin whitening	Oil soluble Vitamin C derivative that has a higher rate of penetration (because it is lipid soluble) compared to other derivatives; it also has a higher rate of conversion to Vitamin C within the dermis.
Cetpro <sup>®</sup> Copper Gluconate	Copper Gluconate	Anti-ageing	Copper gluconate firms the skin by improving collagen and elastin. It revitalises skin by providing elemental or ionic copper. It also acts as an anti-inflammatory and helps modulate the inflammation process and decreases the allergic response of skin to external allergens
Cetpro <sup>®</sup> DL - MA	Mandelic Acid	Anti-ageing	An appropriate treatment for a wide variety of skin concerns, from acne to wrinkles.
Cetpro <sup>®</sup> EAC	3-O-Ethyl Ascorbic Acid	Skin brightening	Cetpro EAC is modified Ascorbic Acid. This increases the molecule's stability and enhances its transport through the skin, compared to pure Vitamin C which is easily degraded.
Cetpro <sup>®</sup> FA	Ferulic Acid	Antioxidant	Ferulic acid has anti-inflammatory, antioxidant and antimicrobial activity.
Cetpro <sup>®</sup> KAD	Kojic Dipalmitate	Skin whitening	It has the ability to inhibit tyrosinase activity in synthesis of melanin and is more stable than Kojic Acid
Cetpro <sup>®</sup> L-Glutathione	Glutathione	Anti-ageing	L-Glutathione acts as an antioxidant, free radical scavenger and skin whitening agent
Cetpro <sup>®</sup> LBA	Lactobionic Acid	Exfoliating Agent	Lactobionic Acid helps prevent and reverse the appearance of photoaging, including lines and wrinkles, uneven pigmentation, enlarged pores and roughness.
Cetpro <sup>®</sup> Pullulan	Pullulan	Film-former, skin tightener, rheology modifier	Film-former, skin tightener, rheology modifier, synergistic effect with Vitamin C.
Cetpro <sup>®</sup> Retinal	Retinal	Anti-ageing	Retinal (also known as retinaldehyde) behaves in a similar way to the better known retinol, but it is much more stable and more effective.
Cetpro <sup>®</sup> SAP	Sodium Ascorbyl Phosphate	Anti-ageing	Neutralises skin damaging free radicals, boosts collagen production, evens skin tone and has antimicrobial benefits
Cetpro <sup>®</sup> TA	Tranexamic Acid	Skin brightener	Blocks the production of melanin in the cells, prevents melanin from accumulating locally and dissolves the already present melanin.
Cetpro <sup>®</sup> VBE	Vanillyl Butyl Ether	Warming agent	A unique sensory agent that provides a warming effect to the skin.

## Conditioners

Name	INCI	Function	Description
Cetpro® PQ - 7RC	Polyquaternium-7	Conditioning agent, 4 times the concentration of standard PQ-7 (36%)	Perfect for use in spray on, leave in hair conditioners and is an excellent detangler and provides slip for easier wet-combing. In addition, it will add softness and shine to dry hair.
Cetpro® PQ-10	Polyquaternium-10	Conditioning agent	Improves wet and dry combability, enhances shine.
Cetpro® PQ-11	Polyquaternium-11	Conditioning agent	Improves wet and dry combability, good curl retention, moisturising, improves skin feel in emulsions.
Cetpro® PQ-22	Polyquaternium-22	Conditioning agent, enhances slip	Enhances slip and lubricity, excellent pH compatibility, reduces drag and skin tightness.
Cetpro® PQ-39	Polyquaternium-39	Conditioning agent	Enhances slip and lubricity, excellent pH compatibility, detangling properties, aids curl retention, reduces drag and skin tightness.
Cetpro® PQ-4 H100	Polyquaternium-4	Conditioning agent, film former	Improves wet and dry combability, anti-static, enhances gloss. Recommended for moderate to high viscosity systems.
Cetpro® PQ-4 L200	Polyquaternium-4	Conditioning agent, film former	Improves wet and dry combability, anti-static, enhances gloss. Recommended for low viscosity systems.

## Opacifiers

Name	INCI	Function	Description
Cetpro® 301	Styrene/Acrylates Copolymer	Opacifier	Easy to use opacifier with an excellent compatibility profile.

## Rheology Modifiers

Name	INCI	Function	Description
Cetpro® Thix ASDAC	Aqua, Acrylamide/Sodium Acryloyldimethyltaurate/Acrylic Acid Copolymer, Ammonium Sulphate, Sodium Sulphate	Rheology modifier, excels at extremes of pH	A water dispersion polymer which excels in the presence of AHAs and electrolytes, compatible with non-ionic surfactants, excellent clarity.
Cetpro® Thix ATC	Acrylamide/Sodium Acrylate Copolymer/Mineral Oil (Paraffinum Liquidum)/Trideceth-6	Rheology modifier	Versatile rheology modifier, good compatibility with anionic, non-ionic and some cationic materials, silky skin & hair feel.
Cetpro® Thix Carbomer	Carbomer	Rheology modifier	Rheology modifier, easy to disperse Carbomer technology, superior clarity versus traditional Carbomers, suspension aid, emulsion stabiliser, suitable for hydro-alcoholic gels.
Cetpro® Thix PQ-37M	Polyquaternium-37/Mineral Oil (Paraffinum Liquidum)/Trideceth-6	Rheology modifier	Acts as a multifunctional rheology modifier. Enhances the aesthetic properties & provides thickening, conditioning, suspending & emulsion stabilization.
Cetpro® Thix SASATAC	Sodium acrylate/Sodium Acryloyldimethyltaurate/Acrylamide Copolymer, Ammonium Sulphate, Sodium Sulphate	Highly lubricious rheology modifier, excels at extreme pH	A water dispersion polymer which when added to water gives a very pseudoplastic viscoelastic solution with a highly lubricious feel. It excels in the presence of AHAs and salts, where most thickening agents fail.
Cetpro® Thix SF1	Acrylates Copolymer	Rheology modifier	Versatile rheology modifier, perfect for hair & skin cleansing formulations, excellent clarity, easy to use, ideal flow characteristics, particle suspension, synergistic thickening effects with electrolytes and surfactants.

# Surfactants

Name	INCI	Function	Description
Cetpro® APG 1200 MB	Lauryl Glucoside	Surfactant	A mild non-ionic surfactant that offers natural, gentle cleansing particularly for oily skin in shampoos and body washes
Cetpro® APG 818 MB	Coco Glucoside	Surfactant	A cost-effective non-ionic surfactant that can be used as a foaming agent, conditioner or emulsifier.