

Water-Soluble Emollients

Natural-based emollient for personal care



Corum 9120 (INCI: Jojoba Wax PEG-120 Ester)

Corum 9126 (INCI: Jojoba Wax PEG-120 Ester (and) Water)

Jojoba is a native desert plant and known to be the only plant producing a unique golden "liquid wax". Jojoba oil mimics skin's natural lipids and can penetrate through skin barrier to smoothen, moisturize and nourish skin.

Corum 9120 is the ethoxylated form of jojoba ester which can be incorporated into aqueous formulations, like cleanser, toner and serum, to impart water-soluble jojoba emolliency while retaining product clarity. This versatile, biodegradable water-soluble emollient may also act as a secondary emulsifier.

Corum 9716 (INCI: PEG-16 Macadamia Glycerides)

Macadamia is a tree species indigenous to Australia, and its nuts are rich in good HDL cholesterol, manganese as well as vitamins. Macadamia oil is the closest match, after jojoba oil, to the naturally occurring sebum in the skin. It's high palmitoleic and oleic acid profile is beneficial and suitable for mature, dry and oily skins.



Corum 9716 is an ethoxylated form of macadamia oil glycerides which imparts emolliency, refatting, conditioning and hydrophilic properties. It forms a clear dispersion in toiletry formulations and leaves skin/hair smooth and soft.

Corum 9807 (INCI: PEG-7 Glyceryl Cocoate)

Corum 9836 (INCI: PEG-30 Glyceryl Cocoate)

Corum 9860 (INCI: PEG-80 Glyceryl Cocoate)



Coconut is a tropical fruit containing an ample amount of juice. It is recognized to have versatile applications from food to cosmetics. Coconut oil is rich in fat and acts as an effective skin moisturizer.

The ethoxylated esters of glycerin and coconut oil offer emolliency, refatting and conditioning properties to cosmetic formulations. The different PEG chain lengths offer the ester different HLB values and permeability.

Corum 9910 (INCI: PEG-10 Sunflower Glycerides)

Sunflower is not only known as the smiling flower, but its seeds and oil are also rich in vitamin E. Sunflower oil is used to moisturize, protect and strengthen skin barrier as well as hair.

Corum 9910 is an ethoxylated sunflower oil glycerides which can be delivered into various surfactant systems, thanks to its compatibility with anionic, amphoteric, cationic and nonionic surfactants. It imparts sunflower emolliency, leaving skin smooth and soft, and shine to hair in shampoo without compromising viscosity.



CORUM

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Corum 9607 (INCI: PEG-7 Olive Glycerides)

Olive is a crop originated from the Mediterranean Basin, and its oil is known to be one of the most healthy dietary oils. A unique polyphenol, called oleuropein, can be found exclusively in olive to impart pharmacological effects. Its rich vitamin E and polyphenol content are moisturizing and nourishing to skin and hair.

Corum 9607 is a hydrophilic, ethoxylated ester of olive oil glycerides. Its moisturizing and refatting properties offer skin a pleasant feel even in cleansing formulations. This ester may also act as a secondary emulsifier for vegetal oils in leave-on formulations.

There are more than one option

Marketing & Formulation Benefits

- ✓ High water solubility
- ✓ Non-irritant to skin
- ✓ Safe, stable and easy to use
- ✓ Customizable with different vegetable oils
- ✓ China approved (listed in IECIC)

Water-soluble emollients are versatile and compatible with different cosmetic formulations. It can be incorporated into aqueous products leaving skin with a pleasant soft and smooth feel. These emollients can act as a refatting agent, conditioner, solubilizer, secondary emulsifier and/or slip aid. A selection of natural-based, water-soluble emollients is available for skin moisturizing and hair conditioning, based on the formulary HLB and pH requirements.

Product Name	Corum 9120	Corum 9607	Corum 9716	Corum 9807	Corum 9836	Corum 9860	Corum 9910
INCI Name	Jjoba Wax PEG-120 Ester	PEG-7 Olive Glycerides	PEG-16 Macadamia Glycerides	PEG-7 Glyceryl Cocoate	PEG-30 Glyceryl Cocoate	PEG-80 Glyceryl Cocoate	PEG-10 Sunflower Glycerides
HLB	17.8	11.8	14.6	12.5	17.5	18.6	13.0
pH	5.7	5.0-7.0	6.2	6.1	5.5-7.5	5.5-7.5	5.5-7.5
Clarity in Water (%)	98.8	5.2	95.3	29.3	99.4	99.5	14.7

Clarity in Water-in aqueous solution (5% PEG+95% Water) = % transmittance

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