

**EMULSIFIERS, BUTTERS & THICKENERS** provide a formulation with stability and improve the consistency of the product. The remarkable feature of the Plantec® range of natural products is that they are all multi-functional.

**EMOLLIENTS** are an important inclusion in cosmetics as their key benefit is increased moisturisation. The Plantec® range has an extensive selection of advanced-action natural emollients to choose from. Please see table on page 2.

**EMULSIFIERS, BUTTERS & THICKENERS**

Product Name	Features	Form	Approved for use in organic formulations by:	% of Use	Pack sizes		
<b>PLANTEC® LIQUID SHEA LF</b> INCI: Butyrospermum Parkii (Shea) Butter Extract	100% Natural butter with unique consistency Facilitates emulsions without an adverse crystallisation effect Rich in Omega 6 and 9 fatty acids Moisturising, soothing, improves skin elasticity Semi solid at 20°C, increasingly fluid liquid above 20°C	Semi-solid to fluid liquid	ACO COSMOS from 2013	1 – 15 %	1L	5kg	25kg
<b>PLANTEC® NATURAL EMULSIFIER CP5</b> INCI: Glyceryl Oleate (and) Polyglyceryl-3-Polyricinoleate (and) Olea Europaea (Olive) Oil Unsaponifiables	100% Vegetable origin Multi-function emulsifier, water in oil emulsions, cold or warm process No need for co-emulsifier or thickening agent Provides long lasting, intensive moisturising effects, hydrates and softens	Liquid gel	ACO Ecocert (COSMOS)	3 – 5 %		5kg	25kg
<b>PLANTEC® NATURAL EMULSIFIER HP10</b> INCI: Sucrose Polystearate (and) Cetearyl Alcohol (and) Olea Europaea (Olive) Oil Unsaponifiables	100% Vegetable origin Multi-function emulsifier - oil in water emulsions No need for co-emulsifier or thickening agent Moisturising, readily absorbed in the skin Melting range 55°C - 65°C	Flakes	ACO Ecocert (COSMOS)	5 % min	1kg	5kg	25kg
<b>PLANTEC® OLIVE BUTTER</b> INCI: Olea Europaea (Olive) Fruit Oil (and) Hydrogenated Vegetable Oil	100% Vegetable butter derived from Olive oil Excellent skin moisturiser with active benefits to skin, hair and nails Penetrates easily into the epidermis Stabilises emulsions and enhances viscosity Melting range 50°C - 60°C	Very soft solid	Ecocert (COSMOS)	1 – 30 %	1kg	5kg	25kg
<b>PLANTEC® OLIVE EMULSIFIER HE20</b> INCI: Cetearyl Glucoside (and) Sorbitan Olivatate	100% Vegetable origin Multi-function emulsifier - oil in water emulsions Excellent moisturising benefits Produces light touch emulsion, velvety finish on the skin Melting range 50°C - 60°C	Flakes	ACO Ecocert (COSMOS)	3 - 6 %	1kg	5kg	25kg
<b>PLANTEC® VEGETABLE PETROLATUM VP 170</b> INCI: Ricinus Communis (Castor) Seed Oil (and) Hydrogenated Castor Oil (and) Copernicia Cerifera (Carnauba) Wax (and) Beeswax	100% Vegetable alternative to petrolatum Intensive moisturiser and conditioning agent - brings shine to formulations Highly compatible with the skin Provides waterproof activity Melting range: 57 – 68°C	Semi solid	Ecocert (COSMOS)	5 - 50 %		5kg	25kg

## EMOLLIENTS

Product Name	Features	Form	Approved for use in organic formulations by:	% of Use	Pack sizes		
<b>PLANTEC® ABY SERUM</b> INCI: Crambe Abyssinica Seed Oil (and) Phytosterols (and) Olea Europaea (Olive) Oil Unsaponifiables	100% Vegetable origin Rich in Omega 3, 6 and 9 fatty acids Improves skin hydration and suppleness Promotes skin repair and regeneration	Liquid gel	ACO Ecocert (COSMOS)	2 - 10 %		5kg	25kg
<b>PLANTEC® AJO</b> INCI: Macadamia Ternifolia Seed Oil (and) Crambe Abyssinica Seed Oil (and) Orbignya Oleifera Seed Oil	100% Vegetable alternative to jojoba oil Economical and readily available Similar oxidative stability as jojoba oil Easily spreadable with excellent penetration, skin softening	Fluid liquid	ACO COSMOS from 2013	No limitation	1L	5kg	25kg
<b>PLANTEC® AVOSTEROL A25</b> INCI: Persea Gratissima (Avocado) Oil (and) Phytosterols (and) Olea Europaea (Olive) Oil Unsaponifiables	100% Vegetable origin Rich in phytosterols and Omega 9 fatty acids Anti-inflammatory, strengthening and repairing Provides protection against UV damage	Soft solid	ACO Ecocert (COSMOS)	1 - 6 %		5kg	25kg
<b>PLANTEC® CLEAR GL 15</b> INCI: Ricinus Communis (Castor) Seed Oil (and) Olea Europaea (Olive) Oil Unsaponifiables	100% Vegetable alternative to petrolatum Good skin barrier protector Highly compatible with sensitive and reactive skin types Revitalises and restores suppleness	Thick gel	ACO Ecocert (COSMOS)	Up to 20 %		5kg	25kg
<b>PLANTEC® CRAMBISOL</b> INCI: Crambe Abyssinica Seed Oil (and) Phytosterols	100% Vegetable origin Innovative active, multiple skin and hair benefits Exceptional functional and sensorial properties Repairing and nourishing, produces velvety finish	Fluid liquid	ACO Ecocert (COSMOS)	2 – 10 %	1L	5kg	25kg
<b>PLANTEC CRYSTOLIVE® S</b> INCI: Olea Europaea (Olive) Fruit Oil (and) Olea Europaea (Olive) Oil Unsaponifiables	100% Olive origin Excellent feel, absorption and spreading characteristics Restores suppleness and skin flexibility Assists in stabilising emulsions	Hard solid	ACO Ecocert (COSMOS)	2 – 10 %		5kg	25kg
<b>PLANTEC® OLIVE SQUALANE</b> INCI: Squalane	100% Olive origin. Exceptional moisturising properties Stable over wide range of temperatures Minimises appearance of wrinkles, promotes skin health	Fluid liquid	ACO Ecocert (COSMOS)	No limitation	1L	5kg	25kg
<b>PLANTEC® OLIVE SQUALENE</b> INCI: Squalene	100% Olive origin. Exceptional moisturising properties Active defence against ageing and damaged skin, anti-inflammatory. Enhances effectiveness of SPF	Fluid liquid	Ecocert (COSMOS)	1 – 10 %		5kg	25kg
<b>PLANTEC® SENSOLIVE LD</b> INCI: Hydrogenated Ethylhexyl Olivatate (and) Hydrogenated Olive Oil Unsaponifiables	Alternative to silicone Highly stable oil from olive origin Exceptional smooth, silky feel, powdery finish Excellent moisturising, conditioning properties	Fluid liquid		0.5 – 15 %	1L	5kg	25kg
<b>PLANTEC® VEGETABLE MINK OIL</b> INCI: Macadamia Ternifolia Seed Oil (and) Gossypium Herbaceum (Cotton) Seed Oil (and) Squalane	100% Vegetable alternative to mink oil Excellent absorption, luxurious skin feel and slip Outstanding soothing, nourishing and skin softening Rapid absorption, non-greasy	Fluid liquid	ACO COSMOS from 2013	Up to 20 %	1L	5kg	25kg
<b>PLANTEC® VL</b> INCI: Butyrospermum Parkii (Shea) Butter (and) Glyceryl Rosinate (and) Olea Europaea (Olive) Oil Unsaponifiables	100% Vegetable alternative to lanolin Excellent moisturising agent, cutaneous barrier protector Provides waterproof activity Assists in stabilising emulsions	Semi solid	ACO Ecocert (COSMOS)	1 - 10 % in emulsions. No limit in anhydrous products.		5kg	25kg