

Trade Name (INCI Name)	Natural	Form	Solubility	Skin Feel	Applications	Description
Beantree*+ (Methylheptyl Isostearate)	T	L	O	L	S,H,C,B	ELINCS listed and plant derived; low viscosity emollient with silicone like feel; compatible with sunscreen actives: ECOCERT
Dermol 89+ (Ethylhexyl Isononanoate)		L	O	L	S,H,C	cost effective, low viscosity, branched chain ester, quick drying replacement for volatile silicones; allows for "skin breathing"; reduces greasiness of mineral oil, petrolatum and wax bases
Dermol 99/Wickenol 151+ (Isononyl Isononanoate)		L	O	L	S,H,C	porosity ester, low viscosity, quick drying replacement for volatile silicones; allows for "skin breathing"; reduces greasiness of mineral oil, petrolatum and wax bases
CUPL PIC** (PPG-2 Isoceteth-20 Acetate)		L	W	L	S,C,B	water soluble; o/w emulsifier; outstanding fragrance coupler; solubilizing, wetting and detergency properties
Dermol 109/Wickenol 152+ (Isodecyl Isononanoate)		L	O	L	S,H,C	porosity ester, low viscosity, quick drying replacement for volatile silicones; allows for "skin breathing"; reduces greasiness of mineral oil, petrolatum and wax bases
Dermol 139/Wickenol 153+ (Isotridecyl Isononanoate)		L	O	L	S,H,C	porosity ester, low viscosity, quick drying replacement for volatile silicones; allows for "skin breathing"; reduces greasiness of mineral oil, petrolatum and wax bases; matte finish for color cosmetics
Dermol 489+ (PEG-2 Diethylhexanoate/ Diisononanoate)		L	O	L	S,C	cost effective porosity ester, low viscosity, excellent solubility; replacement for volatile silicones
Dermol 2014/Wickenol 142+ (Octyldodecyl Myristate)	P	L	O	H	S,C	rich emolliency, enhanced 'playtime' upon rub out; liquid wax; ideal for night time and leave-on products
Dermol CTR+ (Cetyl Ricinoleate)	P	P	O	M	S,C	melts at body temperature, self-emulsifiable, excellent pigment dispersant and binder; lowers melt point of sticks; OH group aids in moisturizing
Dermol DGDIS+ (Polyglyceryl-2 Diisostearate)	T	L	O	H	S,C	vegetable derived, non-greasy; adds slip, lubricity, shine; ideal for lipsticks as a replacement for castor oil
Dermol DIPS+ (Diisopropyl Sebacate)	P	L	O	M	S,H,B	di-ester derived from castor oil; non-oily emolliency, ideal for hydro-alcoholic products; superior solvency and coupling agent; enhances spreading when used with mineral oil or IPM
Dermol DPG-2B+ (Dipropylene Glycol Benzoate)		L	O	M	S,B	aromatic structure results in outstanding solvency for organic sunscreens, resins and nail enamels; plasticizer for waxes and polymers; high refractive index and high density
Dermol G-7LC+ (Glycereth-7 Lactate)	P	L	W	M	S,C,B	water soluble AHA derived ester; free OH groups aid in spreading; ideal for hydro-alcoholic products; penetrating with rich emolliency
Dermol HD+ (Hexyl Caprate)	P	L	O	L	S,H,C,B	low molecular weight, low viscosity, low freeze point; penetrating dry skin feel; volatile silicone replacement; reduces tack and drag in sprays and sticks
Dermol ICS+ (Isocetyl Stearate)	P	L	O	H	S,C	excellent pigment dispersant and binder, rich emolliency; low freeze point
Dermol JOBA+ (Cetearyl Ethylhexanoate)	P	L	O	M	S,C	emollient that mimics waterproofing of purcellin oil; excellent solubility; spreads evenly on skin; replacement for jojoba oil or squalane
Elefac I-205*+ (Octyldodecyl Neopentanoate)		L	O	L	S,C,B	ELINCS listed; dry emollient, SPF booster for sunscreen emulsions; excellent binder and pigment wetter; adds stability in acid pH systems

Natural-
Total (T) Partial (P)

Form-
Liquid (L) Solid (S) Paste (P)

Solubility-
Oil (O) Water (W)

Skin Feel
Light (L) Medium (M) Heavy (H)

Applications-
Skin (S) Hair (H) Color (C) Bath (B)

*Patented
+REACH Compliant

ALZO

International Inc.

SPECIALTY ESTER GUIDE

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Dermolan GLH + (Glycereth-8 Hydroxystearate)	P	P	O	M	S,H,C,B	butter consistency, lanolin replacement, self-emulsifiable, coupler for hydro alcoholic systems, viscosity builder
Dermol LL + (Lauryl Lactate)	P	L	O	M	S,C,B	AHA derived; rich emolliency; free OH group aids in spreadability, reduces tack, carrier for delivering actives
Hetester PHA * + (Propylene Glycol Isoceteth-3 Acetate)		L	O	M	S,C,B	emulsifier and emollient for o/w or w/o systems; emulsifies twice its weight in oil; outstanding pigment wetter and dispersant for color cosmetics; ideal for 'oil' free formulations
Mango Butter + (Mangifera Indica)	T	S	O	M	S,C,B	natural, renewable emollient derived from fruit; high content of fatty acids; melts at body temperature; adds stability in emulsions; provides skin softening; tocopherol content prevents rancidity; alternative to shea butter with less drag and longer shelf life; ECOCERT
Marrix SF * + (Di-C12-15 Alkyl Fumerate)	P	P	O	L	S,C,H	ELINCS listed; melts at body temperature; very mild with light cushioning after feel; unique change in viscosity upon rub out from thick to thin; all purpose emolliency for hair and skin
Trivalin SF + (Ethoxydiglycol)		L	O,W	L	S,H,B	outstanding cosmetic solvent and spreading agent for DHA; quick drying and aids in delivery of cosmetic additives
Trivent OC-16/Dermol 168 + (Cetyl Ethylhexanoate)		L	O	M	S,C	odorless, colorless with long lasting silky skin feel; safe for use around eyes; ideal choice for shadows, mascaras, eyeliners
Trivent OC-G + (Tricaprylin)	T	L	O	L	S,C	non-drying with unique powdery feel; exceptional pigment wetter and binder for pressed powders
Trivent PE-48/Dermol PETO-E + (Pentaerythrityl Tetra Ethylhexanoate)		L	O	H	S,C	leaves "wet" look on skin; low taste and light color; long lasting rub in and "playtime" for leave on products
Waxenol 801 + (Arachidyl Propionate)		P	O	M	S,C	melts at body temperature; replacement for lanolin; improves pigment payout in color cosmetics; reduces oiliness of mineral oil and IPM; adds texture and body to emulsions
Wickenol 163 + (Ethylhexyl Stearate (E) Ethylhexyl Palmitate (E) Diethylhexyl Adipate)	P	L	O	L	S,C,B	cost effective porosity ester blend, IPM alternative; colorless and odorless with excellent emolliency; fragrance extender and replacement for mineral sprits and other solvents
Wickenol 171 + (Ethylhexyl Hydroxystearate)	P	L	O	H	S,H,C,B	original "refatting" ester; OH groups result in skin hydration; replenishes skin lipids stripped away by surfactants; ideal for soaps, cleansers and body washes
Wickenol 535 + (Wheat Germ Glycerides)	T	P	O	M	S,H,C,B	natural, self emulsifying lubricant; exceptionally mild which helps reduce irritation of leave on and rinse off products
Wickenol 545 + (Glucose Glutamate)	T	L	W	M	S,H,B	natural, multifunctional humectant based on sugar and amino acid; water soluble; provides residual emolliency from surfactant systems; substantive to hair and skin

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