

ALZO NATURALLY DERIVED EMOLLIENTS

Guide



Trade Name	INCI	NOI*	Derived From
Beantree	Methylheptyl Isostearate	1.00	Castor, Rapeseed Oil
Bernel Ester TCC	Tricapryly Citrate	1.00	Castor, Sugar Cane
BioMade BA-HS	Behenyl Cannabis Seedate	1.00	Rapeseed Oil, Hempseed Oil
BioMade C-HS	Capryl Cannabis Seedate	1.00	Castor, Hempseed Oil
BioMade HS-DD	Cannabis Seed Oil Dimer Diloneyl Esters/Dimer Dilinoleate Copolymer	1.00	Rapeseed Oil, Hempseed Oil
BioMade IS-HS	Isostearyl Cannabis Seedate	1.00	Rapeseed Oil, Hempseed Oil
BioMade SA-HS	Stearyl Cannabis Seedate	1.00	Palm, Hempseed Oil
Dermol 1212	Lauryl Laurate	1.00	Palm, Palm Kernel
Dermol 1818	Isostearyl Isostearate	1.00	Rapeseed Oil
Dermol CCAP	Coco Caprylate	1.00	Coconut, Palm, Palm Kernel
Dermol CO-CA	Coco Caprylate/Caprates	1.00	Palm, Palm Kernel
Dermol DG-318	Polyglyceryl-2 Triisostearate	1.00	Palm, Palm Kernel, Coconut, Rapeseed Oil
Dermol DGDIS	Polyglyceryl-2 Diisostearate	1.00	Palm, Palm Kernel, Coconut, Rapeseed Oil
Dermol DISD	Diisostearyl Dimer Dilinoleate	1.00	Rapeseed Oil
Dermol GRC	Glyceryl Ricinoleate	1.00	Palm, Palm Kernel, Coconut, Castor Oil
Dermol GTIS	Glyceryl Triisostearate	1.00	Palm, Palm Kernel, Coconut, Rapeseed Oil
Dermol LL	Lauryl Lactate	1.00	Palm, Palm Kernel, Corn
Dermol M-5	Caprylic/Capric Triglyceride	1.00	Palm, Palm Kernel, Coconut Oil
Dermol MBDD	Mango Butter Dimer Dilinoleyl Esters/Dimer Dilinoleate Copolymer	1.00	Mango, Rapeseed Oil
Dermol OE	Oleyl Erucate	1.00	Palm, Palm Kernel, Rapeseed Oil
Dermol OL	Oleyl Lactate	1.00	Palm, Palm Kernel, Corn
Dermol SLLC-L	Sodium Lauroyl Lactylate	1.00	Palm, Palm Kernel, Corn, Salt
Dermol SLLC-LF	Sodium Lauroyl Lactylate	1.00	Palm, Palm Kernel, Corn, Salt
Dermol TISC	Triisostearyl Citrate	1.00	Rapeseed Oil, Sugar Cane
Dermowax BB	Behenyl Behenate	1.00	Eruca Oil, Rapeseed Oil
Dermowax ISB	Isostearyl Behenate	1.00	Rapeseed, Castor, Rapeseed Oil
Dermowax MM	Myristyl Myristate	1.00	Coconut, Palm Oil
Dermowax SB	Stearyl Behenate	1.00	Palm, Rapeseed Oil
Dermowax SP	Stearyl Palmitate	1.00	Palm, Palm Kernel Oil
Dermowax SS	Stearyl Stearate	1.00	Palm, Palm Kernel Oil
Mulls 2218	Behenoyl Stearic Acid	1.00	Rapeseed Oil, Palm, Palm Kernel Oil
Trivent Mango Butter	Mangifera Indica	1.00	Mango
Trivent OC-G	Tricaprylin	1.00	Palm, Palm Kernel Oil, Coconut
Wickenol 535	Wheat Germ Glycerides	1.00	Wheat Germ, Soya, Palm, Coconut,
Wickenol 545	Glucose Glutamate	1.00	Corn, Sugar Cane

* ISO 16128 Derived Natural Guidelines

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PRODUCT	INCI NAME	APPEARANCE	COLOR GARDNER	REFRACTIVE INDEX	SPECIFIC GRAVITY	ALZO NATURALLY DERIVED EMOLLIENTS DESCRIPTION
Beantree	Methylheptyl Isostearate	Straw color liquid	1	1.4475	0.855	ECOCERT; patented low viscosity emollient with volatile silicone like feel
Bernel Ester TCC	Tricaprylyl Citrate	Clear liquid	1	1.4475	0.956	Excellent pigment wetter for lip and make-up products. Provides texture and feel
BioMade C-HS	Capryl Cannabis Seedate	Clear liquid	11	1.4635	0.876	Light, fast absorbing emollient that aids in a spreading with a dry, non-oily finish
BioMade HS-DD	Cannabis Seed Oil Dimer Diloneyl Esters/Dimer Dilinoleate	Viscos liquid	6	1.4815	0.902	polyester film former; provides adhesion and shine; excellent water-resistance effective pigment-wetter
BioMade IS-HS	Isostearyl Cannabis Seedate	Clear liquid	10	1.4660	0.879	medium viscosity spreads easily; cushioning with similar texture as hempseed oil
Dermol 1818	Isostearyl Isostearate	Clear liquid	1	1.4590	0.870	Substantive with luxurious non greasy skin feel. Adds slip, lubricity and luster
Dermol CCA	Coco Caprylate	Clear liquid	1	1.4360	0.858	Fast spreading emollient ; alternative to volatile silicones
Dermol CO-CA	Coco Caprylate/Caprate	Clear liquid	1	1.4420	0.848	Non greasy skin conditioning agent with excellent emolliency and moisturizing
Dermol DG-318	Polyglyceryl-2 Triisostearate	Slightly viscous liquid	1	1.4660	0.931	Superior dispersant of organic pigments; compatibility with oils and waxes;
Dermol DISD	Diisostearyl Dimer Dilinoleate	Clear to hazy liquid	3	1.4700	0.895	High molecular weight (1068) ester. Excellent for use in lip, make-up and binder
Dermol DGDIS	Polyglyceryl-2 Diisostearate	Slightly viscous liquid	2	1.4670	0.947	Substantive sheen and luxurious skin feel. solubility in polar and non-polar solvents
Dermol GTIS	Glyceryl Triisostearate	Hazy yellow liquid	3	1.4650	0.910	Non-greasy long chain ester exhibiting substantive emolliency and softness
Dermol GRC	Glyceryl Ricinoleate	Clear viscous liquid	3	1.4770	0.980	Smooth, velvety texture; adds opacity and sheen to hair care products
Dermol LL	Lauryl Lactate	Clear liquid	1	1.4420	0.920	Cleaves on the skin to release lactic acid; excellent carrier for active ingredients
Dermol M-5	Caprylic/Capric Triglyceride	Clear off-white liquid	1	1.4480	0.940	Coupling agent and emollient. Silky skin feel, low viscosity with low irritation
Dermol MBDD	Mango Butter Dimer Dilinoleyl Esters/Dimer Dilinoleate	Clear viscous liquid	2	1.4820	0.908	Film forming polyester; shine, tack, water resistance; polybutene alternative
Dermol OE	Oleyl Erucate	Clear yellow liquid	5	1.4640	0.868	Substantive emolliency with extended "playtime" when used in skin care
Dermol OL	Oleyl Lactate	Straw color liquid	2	1.4575	0.906	Spreadability, cushion and solubility in polar and nonpolar solvents
Dermol SLLC-L Dermol SLLC-LF	Sodium Lauroyl Lactylate	Clear viscous liquid	3	1.4540	1.022	COSMOS biodegradable liquid surfactant for sulfate free systems; 100% active
Dermol TISC	Triisostearyl Citrate	Viscous liquid	1	1.4600	0.903	Low freeze point with high viscosity; odorless, tasteless. sheen, lubricity and gloss
Trivent OC-G	Tricaprylin	Clear liquid	2	1.4450	0.945	Low viscosity emollient and co-solvent. Silky, non-oily and non-tacky skin feel
Wickenol 535	Wheat Germ Glycerides	Hazy yellow paste	2	1.4730	0.941	Low HLB co-emulsifier and substantive emollient; adds unique texture to skin
Wickenol 545	Glucose Glutamate	Tan liquid	4	-	1.295	Humectant, conditioner and moisturizer; residual emolliency in rinse off products

PRODUCT	INCI NAME	APPEARANCE	COLOR GARDNER	MELT POINT C	ALZO NATURALLY DERIVED WAX EMOLLIENTS DESCRIPTION
BioMade BA-HS	Behenyl Cannabis Seedate	Waxy Solid	9	55	body and texture in emulsions & structure in sticks; naturally-derived alternative to synthetic waxes
BioMade SA-HS	Stearyl Cannabis Seedate	Soft paste	10	39	butter-like consistency without hydrogenation; structure to emulsions & anhydrous formulas
Dermol 1212	Lauryl Laurate	Waxy Solid	1	30	Low melt point with a smooth, non-greasy feel; functions as a slip and skin-penetrating agent for solids
Dermowax BB	Behenyl Behenate	Waxy solid	1	72	High melt point adds viscosity and stability in emulsions.: velvety feel and provides ease of combing
Dermowax MM	Myristyl Myristate	Soft flake	1	42	Imparts viscosity and substantivity in emulsions and sticks; aids in wet and dry combing in
Dermowax SB	Stearyl Behenate	Solid	1	68	Soft rich skin feel and builds body in emulsions; high molecular weight suggests low irritation
Dermowax SP	Stearyl Palmitate	Solid	2	59	emollient, opacifier, and thickener for creams, lotions and lipsticks; conditioner and sheen for hair
Dermowax SS	Stearyl Stearate	Waxy solid	2	58	Opacifier and thickener for creams, lotions and lipsticks; conditioning and sheen in hair care
Dermowax ISB	Isostearyl Behenate	Soft wax	2	35	Low melt point imparts silkiness and softness with slip and lubricity; excellent binder and dispersant
Mulls 2218	Behenoyl Stearic	Acid Solid flake	2	70	Vegetable derived structuring agent alternative to sodium stearate; emulsifies up to 55% water
Trivent Mango Butter	Mangifera Indica	Semi-solid	2	32	Melts near body temperature, lubricious skin feel, alternative to shea and cocoa butters