



Clean Beauty Offerings



Ash Ingredients

Product Index

Trade Name	INCI Name
Finester 5118	Hydroxystearic Acid/Adipic Acid/ Glycerin Crosspolymer
Finester 6128	Bis Diglyceryl Polyacyladipate-2

Surfactants

Trade Name	INCI Name
Finester 1199	Sodium Lauroyl Lactylate
Finester 2009	Polyglycerin-3 (and) Polyglyceryl-3 Lactate/Laurate

Emulsifiers

Trade Name	INCI Name
Finester GMS NSE	Glyceryl Mono Stearate
Finester GMS SE	Glyceryl Mono Stearate
Finester 9500	Glyceryl Mono Stearate
Finester NE 1014	Polyglyceryl-10 Myristate
Finester 6080	Sorbitan Mono Oleate
Finester 2000	Sorbitan Mono Laurate
Finester 6000	Sorbitan Mono Stearate

Emollients

Trade Name	INCI Name
Finamul V	Caprylic Capric Triglyceride
Finester TS 3018	Tridecyl Stearate

Product Index (Cont.)

Butters & Waxes

Trade Name

Shellac Wax
Sunflower Wax
Beeswax
Rice Bran Wax
Cocoa Butter
Mango Butter

Oils & Extracts

Trade Name

Jobba Oil (Golden)
Jobba Oil (Clear)
Sunflower Oil
Peppermint Oil
Tea Tree Oil
Lavender Oil
Eucalyptus Oil
Aloe Vera Gel

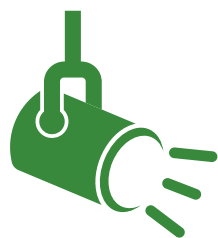
Product Index **A Closer Look**

Trade Name	INCI Name	Description	Applications/Uses
Lanolin Substitutes			
Finester 5118	Hydroxystearic Acid/ Adipic Acid/Glycerin Crosspolymer	Vegetable derived Lanolin substitute. 50% more water absorption compared to Lanolin	Haircare & Skincare
Finester 6128	Bis Diglyceryl Polyacyladipate-2	Vegetable derived Lanolin substitute. 50% more water absorption compared to Lanolin	Haircare & Skincare
Surfactants			
Finester 1199	Sodium Lauroyl Lactylate	Co-emulsifier & stabilizing agent for foams. Partial surfactant replacement w/o harshness	Haircare, Skincare, Cleansing Preparations, & Pharma
Finester 2009	Polyglycerin-3 (and) Polyglyceryl-3 Lactate/Laurate	Vegetable-based, non-ionic surfactant w/ excellent cleansing & moisturizing properties	Haircare, Skincare, Cleansing Preparations, & Pharma
Emulsifiers			
Finester GMS NSE	Glyceryl Mono Stearate	Emulsifier & bodying agent w/ enhanced stability due to high monoester content	Haircare, Skincare, Cleansing Preparations, Color Cosmetics, & Pharma
Finester GMS SE	Glyceryl Mono Stearate	O/W emulsifier, opacifier, emollient, & bodying agent	Haircare, Skincare, Cleansing Preparations, Color Cosmetics, & Pharma
Finester 9500	Glyceryl Mono Stearate	High HLB emulsifier / dispersant for protein powders / actives delivering uniform water dispersions	Haircare, Skincare, Cleansing Preparations, Color Cosmetics, & Pharma
Finester NE 1014	Polyglyceryl-10 Myristate	Low HLB, high purity distilled mono-glyceride emulsifier	Skincare, Color Cosmetics, & Pharma
Finester 6080	Sorbitan Mono Oleate	Emulsifier & bodying agent w/ enhanced stability due to high monoester content	Skincare & Pharma
Finester 2000	Sorbitan Mono Laurate	Humectant, dispersant, penetrant, & auxiliary emulsifier	Skincare & Pharma
Finester 6000	Sorbitan Mono Stearate	O/W emulsifier in combination w/ ethoxylated sorbitan esters	Skincare
Emollients			
Finamul V	Caprylic Capric Triglyceride	Water resistant, high spreadability, great plasticizer & emollient, aids dispersion	Haircare, Skincare, & Color Cosmetics
Finester TS 3018	Tridecyl Stearate	Used in bath oils, hair preparations, shaving preparations, etc.	Haircare, Skincare, & Cleansing Preparations

Product Index **A Closer Look (Cont.)**

Trade Name	INCI Name	Description	Applications/Uses
Butters & Waxes			
Shellac Wax	Shellac Cera	Quality binding agent, film former, & gloss imparter in cosmetic applications	Color Cosmetics & Pharma
Sunflower Wax	Helianthus annuus (Sunflower) seed cera	Maintains superior gelling properties, reduces greasiness of oils, adds high gloss in cosmetic applications	Haircare & Color Cosmetics
Beeswax	Cera Alba	Non-gelling natural thickener & viscosity enhancer; Has good emollient & film-forming properties	Skincare
Rice Bran Wax	Oryza Sativa	Acts as a thickener, binder, plasticizer, and gelling agent; contributes to hardness & texture	Haircare, Skincare, & Color Cosmetics
Cocoa Butter	Theobroma Cacao (Cocoa) Seed Butter	High-quality skin softener, emollient & conditioner; effective film forming agent & non-gelling thickener	Skincare
Mango Butter	Mangifera indica (Mango) Seed Butter	Renewable emollient that adds stability in emulsions, softens skin, & has longer shelf life than shea	Haircare & Skincare
Oils & Extracts			
Jojoba Oil (Golden)	Simmondsia Chinensis (Jojoba) Seed Oil	Excellent emollient w/ moisturizing properties. Contains essential skin vitamins incl. B, E, & key minerals	Haircare
Jojoba Oil (Clear)	Simmondsia Chinensis (Jojoba) Seed Oil	Excellent emollient w/ moisturizing properties. Contains essential vitamins incl. B, E, & key minerals	Haircare
Sunflower Oil	Helianthus Annuus (Sunflower) Seed Oil	W/ high monounsaturated & low saturated fat content; great moisturizing & emollient properties	Haircare & Skincare
Peppermint Oil	Mentha Piperita Oil	Essential oil that imparts distinct odor and flavor to products; acts as a skin conditioning agent	Haircare & Skincare
Tea Tree Oil	Melaleuca Alternifolia (Tea Tree) Leaf Oil	Essential oil that imparts distinct odor and flavor to products; acts as a skin conditioning agent	Haircare & Skincare
Lavender Oil	Lavandula Angustifolia (Lavender) Oil	Has anti-irritating and skin calming properties; Blends well with a variety of fragrances	Haircare & Skincare
Eucalyptus Oil	Eucalyptus Globulus Leaf Oil	Essential oil with soothing & insect-repellent effects	Skincare
Aloe Vera Gel	Aloe Barbadensis Leaf Juice	Used as an emollient & provides moisturizing, nourishing, & soothing effects	Haircare & Skincare

Product Spotlight Finester 2009



Finester 2009 (Polyglycerin-3 (and) Polyglyceryl-3 Lactate/Laurate)

Finester 2009 is a vegetable-based, non-ionic emulsifier/wetting agent offering efficient pigment wetting in both O/W and W/O bases. It is ideal for dispersing high level containing, mineral-based sun filters to produce uniform coverage for broad UV protection. As a natural-based stabilizer, Finester 2009 is also ideal for producing inorganic sun filter dispersions containing natural oils and other functional additives.

Additionally, Finester 2009's high HLB content ensures its excellent performance in cleansing compositions such as hand washes, body washes, make up removers, and shampoos. It is extremely mild, and leaves the skin feeling conditioned and moisturized. Moreover, lab tests have shown it does not foster microbial growth.



PHYSICAL PROPERTIES

Appearance: Pale yellow, viscous liquid

Percent Solids: 100% solids

Melting Point: 78 - 80

Acid Value: 1.33 - 1.47

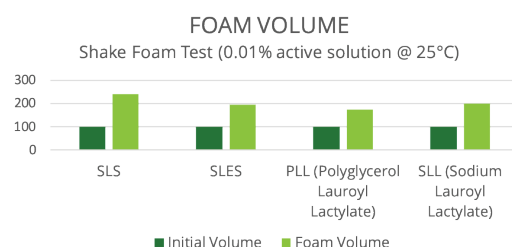
Saponification Value: 41.8 - 44.21

Color (Gardner): 0.67 - 0.74

Density (@ 25 C): 1.223 - 1.277



COMPARISON TESTING



KEY BENEFITS

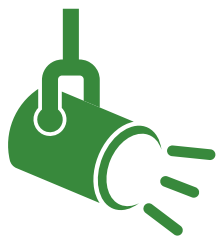
- *Supports Sulfate-free and Non-EO Claims
- Efficient emulsifier for O/W systems
- *Excellent pigment wetter & dispersing agent
- *Imparts a conditioning feel to hair and skin
- *Leaves a moisturizing, clean after-feel
- *Good Foaming



APPLICATION

- Shampoos (w/ or w/o surfactants)
- Facial Cleansers/Makeup Removers
- Hand/Body Wash
- Cleansing Wipes
- Non-EO Solubilizers

Product Spotlight Vegetable-Based Lanolins



Finester 5118 (Hydroxystearic Acid/Adipic Acid/Glycerin Crosspolymer)

Finester 5118 is a 100% Vegetal Lanolin that offers both a high level of water retention and excellent adhesive properties to skin and wet surfaces. It can be used in a variety of personal care applications in the form of O/W or W/O emulsions, as well as water-free formulations. These features make Finester 5118 ideal for formulators developing vegan, high moisturizing and conditioning base formulas.



FINESTER 5118 PHYSICAL PROPERTIES

Appearance: Cream colored paste
Acid Value: 6.0 Max

Melting Point: 40 - +/- 5°C
Saponification Value: 255 - 285

Finester 6128 (Bis Diglyceryl Polyacyladipate-2)

Finester 6128 is a vegetable-based alternative to lanolin, offering both a high level of water retention and excellent adhesive properties to skin and wet surfaces. It has a viscosity similar to natural lanolin – in the range of 25 - 60° C – without the unpleasant smell and intense color characteristic of the animal-based version. Finester 6128 can be used in a variety of personal care applications in the form of O/W or W/O emulsions, as well as water-free formulations and is ideal for formulators developing vegan, high moisturizing and conditioning base formulas.



FINESTER 6128 PHYSICAL PROPERTIES

Appearance: Cream colored paste
Acid Value: 6.0 Max

Melting Point: 40 - +/- 5°C
Saponification Value: 255 - 300



VEGETABLE-BASED LANOLIN KEY BENEFITS

- *Vegan
- *Feels luxurious
- *No residual solvents or pesticide residues
- *Great film forming properties
- *Feels occlusive, but breathable
- *Great water absorbing capacity
- *Excellent skin adhesion
- *Non-Allergen, Non-GMO



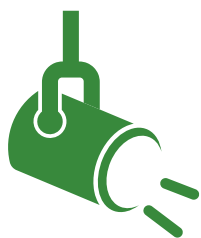
VEGETABLE-BASED LANOLIN APPLICATION

Skincare: Improves water resistancy, film forming properties, and spreading control in ointments/wound care, barrier creams, and moisturizing lotions

Haircare: Supreme conditioning and gloss enhancing

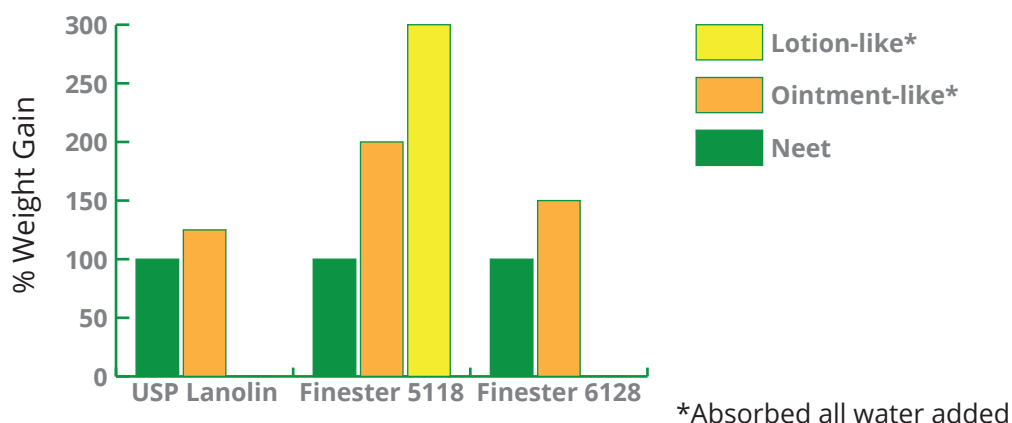
Color Cosmetics: Enhances long-lasting effects

Product Spotlight Vegetable-Based Lanolins (Cont.)



Finesters 5118 & 6128: Comparison Testing

ABSORPTION BASE STUDY



SENSORY COMPARISON: HEALING OINTMENT

INGREDIENT	INCI Name	w/ Lanolin (Wt. %)	w/ Finester 6128 (Wt. %)	w/ Finester 5118 (Wt. %)
Protopet 1S	Petrolatum	41.00	41.00	41.00
Glycerine	Glycerine	3.00	3.00	3.00
Ritamectant PCA	Sodium PCA & Water	2.00	2.00	2.00
D-Panthenol (Ash Ingredients)	Panthenol	1.00	1.00	1.00
Lanolin	Lanolin	10.00		
Finester 6128	Bis-Diglyceryl Polyacyladipate-2		10.00	
Finester 5118	Glycerol Hydroxystearate, Glyceryl Adipate, Glyceryl Stearate			10.00
Sunflower Wax (Ash Ingredients)	Sunflower Wax	2.00	2.00	2.00
Vitamin E Acetate (Ash Ingredients)	Tocopheryl Acetate	1.00	1.00	1.00
Coconut Oil	Cocos Nucifera Oil	37.00	37.00	37.00

