

# FORMULARY

TEAMWORKS 2024

**KOBO**

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KSL-471

# Weightless, Sheer ZnO Lotion



%	INGREDIENT	INCI NAME	SUPPLIER
<b>Part 1</b>			
25.00	<b>MZO-35-11S5</b>	Zinc Oxide (And) Triethoxycaprylylsilane	<b>Kobo Products</b>
20.00	Dermol DIA	Diisopropyl Adipate	Alzo International
4.00	<b>SunBoost ATB</b>	Argania Spinosa Kernel Oil (And) Tocopheryl Acetate (And) Bisabolol	<b>Kobo Products</b>
4.00	ABIL® WE 09	Polyglyceryl-4 Isostearate (And) Cetyl PEG/PPG-10/1 Dimethicone (And) Hexyl Laurate	Evonik
3.50	BENTONE GEL® TNV	C12-15 Alkyl Benzoate (and) Stearalkonium Hectorite (and) Propylene Carbonate	Elementis
2.40	DOWSIL™ ES-5227 DM	Dimethicone (and) PEG/PPG-18/18 Dimethicone	Dow Chemical
1.00	COSMOL™ 43V	Polyglyceryl-2 Triisostearate	Ikeda
<b>Part 2</b>			
1.40	Pelemol® GTB	Tribehenin	Phoenix Chemical
<b>Part 3</b>			
29.80	Deionized Water	Water	
0.20	Lexgard® Natural MB	Glyceryl Caprylate (and) Glyceryl Undecylenate	Inolex
<b>Part 4</b>			
5.00	GLYCERIN U.S.P. NATURAL 96%	Glycerin	Ruger Chemical
0.20	Keltrol® CG	Xanthan Gum	CP Kelco
<b>Part 5</b>			
1.00	Sodium Chloride	Sodium Chloride	Morton Salt
0.10	ALLANTOIN	Allantoin	Jeen International
<b>Part 6</b>			
1.40	SymDiol® 68	1,2-Hexanediol (And) Caprylyl Glycol	Symrise
<b>Part 7</b>			
1.00	<b>Kobo SMC-BNCW</b>	Boron Nitride (And) Cellulose	<b>Kobo Products</b>
<b>100.00</b>			

## Description:

Weightless, Sheer ZnO sunscreen lotion absorbs excess oil and moisture, spreads easily on skin and provides breathable, non-whitening smooth coverage. The non-greasy and fast absorbing formula keeps you feeling dry and fresh, and glides on the skin with a silky sensation. The formula features Kobo SMC-BNCW, a new microplastic-free blend which imparts superior softness and tactility, superb spreadability, excellent adherence, long-lasting effect, good coverage, slip and a great creamy feel. Kobo surface-treated zinc oxide powder, MZO-35-11S5, delivers UVA and UVB protection. SunBoost ATB is a proprietary ratio of three ingredients that helps boost SPF and PFA (UVA).

## Manufacturing Procedure:

1. Combine Part 1. Homogenize until uniform. □
2. Add Part 2 to Part 1. Prop mix to 80°C. □
3. Pre-mix Part 4 then add to Part 3. Prop mix. □
4. Heat Parts 3 and 4 to 50°C. Then add Parts 5 and 6. Prop mix. □
5. Cool Parts 1 and 2 to 70°C while homogenizing. □
6. Slowly add water phase, Parts 3, 4, 5 and 6, to oil phase, Parts 1 and 2. Prop mix. □
7. Slowly add Part 7 to batch. Mix until uniform.

## Active Ingredient(s):

Zinc Oxide 23.75%

## Testing:

SPF: in vivo on 5 subjects  
CW: FDA method



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September, 2020



KSL-528

# Zinc Only Sunscreen SPF 56 PA

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%	INGREDIENT	INCI NAME	SUPPLIER
<b>Part 1</b>			
25.00	<b>INP70ZSI</b>	Zinc Oxide (And) Isononyl Isononanoate (And) Polyhydroxystearic Acid (And) Triethoxycaprylylsilane	<b>Kobo Products</b>
11.00	<b>TNP65MZS</b>	Zinc Oxide (And) C12-15 Alkyl Benzoate (And) Polyhydroxystearic Acid (And) Triethoxycaprylylsilane	<b>Kobo Products</b>
7.50	Lexfeel™ 7	Neopentyl Glycol Diheptanoate	Inolex
5.00	KSG-710	Dimethicone (and) Dimethicone/Polyglycerin-3 Crosspolymer	Shin-Etsu
4.00	<b>SunBoost ATB</b>	Argania Spinosa Kernel Oil (And) Tocopheryl Acetate (And) Bisabolol	<b>Kobo Products</b>
4.00	<b>MAKIBASE SEB</b>	Polyglyceryl-3 Polyricinoleate (And) Polyglyceryl-3 Diisostearate	<b>Daito/Kobo Products</b>
3.50	DOWSIL™ 9041 Silicone Elastomer Blend	Dimethicone (and) Dimethicone Crosspolymer	Dow Chemical
3.00	KF-6105	Lauryl Polyglyceryl-3 Polydimethylsiloxyethyl Dimethicone	Shin Etsu
2.50	XIAMETER™ PMX-200 Silicone Fluid 350 cSt	Dimethicone	Dow Chemical
2.00	<b>KOBOGUARD® 5400 CCT</b>	Hydrogenated Polycyclopentadiene (And) Caprylic/Capric Triglyceride	<b>Kobo Products</b>
1.25	<b>MSS-500/N</b>	Silica	<b>Kobo Products</b>
<b>Part 2</b>			
20.00	Deionized Water	Water	
9.00	Zemea® Propanediol	Propanediol	Dupont Tate & Lyle
0.95	Sodium Chloride	Sodium Chloride	Morton Salt
0.80	Euxyl™ PE 9010	Phenoxyethanol (and) Ethylhexylglycerin	Ashland
0.50	Natrlquest E30	Trisodium Ethylenediamine Disuccinate	Innospec Performance Chemicals
<b>100.00</b>			

## Description:

A lightweight, yet hydrating fluid sunscreen that blends easily into the skin to give a natural-looking finish. This formula utilizes two of our attenuation grade, non-nano Zinc Oxide dispersions-- TNP65MZS and INP70ZSI-- to provide SPF and broad spectrum protection. These dispersions provide minimal whitening to no whitening on the skin, as well as a great skin feel. Sunboost ATB is our proprietary ratio of antioxidants, anti-irritant, and anti-inflammatory agents to help boost SPF and nourish the skin. MAKIBASE SEB is a 100% vegetable based and COSMOS approved liquid W/O emulsifier to help stabilize the emulsion, while giving a light and non-greasy feel. KOBOGUARD® 5400 CCT is a film-former that has great skin adhesion and provides an even, flexible, and long-lasting film on the skin. MSS-500/N is a natural silica microsphere that gives the formula a beautiful silky texture with great blendability on the skin. It also helps scatter light to diminish the look of fine lines on the skin.

## Manufacturing Procedure:

1. Weigh out Phase A in main beaker + begin mixing under homo. Mix until uniform. (homo speed @ ~ 1000 - 1500 rpm).
2. Combine Phase B in side beaker. Begin mixing under prop. Mix until uniform.
3. Once both phases are uniform, SLOWLY add Phase B (side-water) to Phase A (main-oil/silicone). Keep low homo rpm (~1500 rpm). Avoid pooling.
4. Once fully transferred, increase homo speed (~2700 - 3100 rpm). Mix for an additional 5 minutes.

## Active Ingredient(s):

Zinc Oxide 23.82%

## Testing:

SPF: in vivo on 5 subjects  
 UVA-PF: in vivo on 3 subjects  
 CW: FDA method





KSL-530C-AP

# Tone-up Sunscreen Primer - Pink Beige



%	INGREDIENT	INCI NAME	SUPPLIER
<b>Part 1</b>			
26.68	Deonized Water	Water	
3.00	1,3-BG	Butylene Glycol	Daicel Corporation
2.00	Concentrated Glycerin	Glycerin	Lion Specialty Chemicals
0.70	SymDiol® 68	1,2-Hexanediol (And) Caprylyl Glycol	Symrise
0.60	Sodium Chloride	Sodium Chloride	FUJIFILM Wako Pure Chemical
<b>Part 2</b>			
10.00	FineNeo™-iPSE	Diisopropyl Sebacate	Nippon Fine Chemical
9.22	KF-96L-1.5CS	Dimethicone	Shin-Etsu
4.00	BENTONE GEL® DM5 V	Dimethicone (and) Distearidmonium Hectorite (and) Triethyl Citrate	Matsumoto Trading
4.00	KF-6038	Lauryl PEG-9 Polydimethylsiloxyethyl Dimethicone	Shin-Etsu
2.00	COSMOL™ 182V	Sorbitan Sesquiossearate	Nisshin Oillio
2.00	SunBoost ATB	Argania Spinosa Kernel Oil (And) Tocopheryl Acetate (And) Bisabolol	Kobo Products
1.00	KOBOGUARD® MQ60DM	Trimethylsiloxysilicate (And) Dimethicone	Kobo Products
0.50	SALACOS® HS-6C	Polyhydroxystearic Acid	Nisshin Oillio
<b>Part 3</b>			
16.00	DIM2F650T4	Titanium Dioxide (And) Dimethicone (And) Polyglyceryl-3 Polydimethylsiloxyethyl Dimethicone (And) Alumina (And) Hydrogen Dimethicone	Kobo Products
13.30	ZNO-750-ASG5	Zinc Oxide (And) Stearoyl Glutamic Acid	Kobo Products
0.87	BTD-ASGP3	Titanium Dioxide (And) Stearoyl Glutamic Acid (And) Polyhydroxystearic Acid	Kobo Products
0.10	BWYO-ASGP3	Iron Oxides (CI 77492) (And) Stearoyl Glutamic Acid (And) Polyhydroxystearic Acid	Kobo Products
0.03	BWRO-ASGP3	Iron Oxides (CI 77491) (And) Stearoyl Glutamic Acid (And) Polyhydroxystearic Acid	Kobo Products
<b>Part 4</b>			
4.00	CELLULOBEADS D-5-ASG3	Cellulose (And) Stearoyl Glutamic Acid	Kobo Products
100.00			

## Description:

This sunscreen primer offers a brightening effect while protecting the skin from UVA/UVB rays. It also creates an even, smooth base that's perfect to use under makeup. The pink beige color mimics the color of blood vessels to cover dull looking skin. This formula features Kobo's Attenuation Grade Titanium Dioxide dispersion, DIM2F650T4, and Zinc Oxide powder with ASG treatment, ZNO-750-ASG5, that contribute to UVA and UVB protection. SunBoost ATB contains a proprietary ratio of anti-oxidant, anti-irritant and anti-inflammatory agents to help boost SPF and PFA. BTD-ASGP6, BWYO-ASGP3, and BWRO-ASGP3 gives a pink beige tint. KOBOGUARD® MQ60DM is an oil soluble film former that contributes to long wear. CELLULOBEADS D-5-ASG3 contributes to the luxurious creamy feel.

## Manufacturing Procedure:

1. Combine Part 1 in side beaker.
2. Combine Part 2, mix on medium-high shear in main beaker until homogeneous.
3. Add Part 3 to Part 2 until homogeneous.
4. Add Part 1 slowly to the main beaker under continuous stirring. Mix on high shear until homogeneous.
5. Add Part 4 and mix until homogeneous.

## Active Ingredient(s):

Titanium Dioxide	6.40%
Zinc Oxide	12.64%

## Testing:

UVA-PF: in vitro method



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KSL-531C

# Hybrid Sunscreen SPF 57



%	INGREDIENT	INCI NAME	SUPPLIER
<b>Part 1</b>			
33.33	<b>TNOSP65MZ6SI</b>	C12-15 Alkyl Benzoate (And) Zinc Oxide (And) Ethylhexyl Salicylate (And) Polyhydroxystearic Acid (And) Triethoxycaprylylsilane	<b>Kobo Products</b>
9.42	<b>ELEFAC™ I-205</b>	Octyldodecyl Neopentanoate	ALZO International Inc.
6.75	<b>NET-WO NS</b>	Polyglyceryl-6 Polyricinoleate (and) Polyglyceryl-2 Isostearate (and) Distearidimonium Hectorite	Barnet Products
5.00	<b>HALLBRITE® BHB</b>	Butyloctyl Salicylate	Hallstar
4.00	<b>MAKIBASE SEB ALT</b>	Polyglyceryl-3 Polyricinoleate (And) Polyglyceryl-3 Diisostearate	<b>Daito/Kobo Products</b>
4.00	<b>SunBoost ATB</b>	Argania Spinosa Kernel Oil (And) Tocopheryl Acetate (And) Bisabolol	<b>Kobo Products</b>
3.58	<b>KOBOGUARD® NATURAL 3000-NDA70</b>	Glyceryl Hydrogenated Rosinate (And) C9-12 Alkane	<b>Kobo Products</b>
1.50	<b>MSS-500W</b>	Silica	<b>Kobo Products</b>
<b>Part 2</b>			
23.72	Deionized Water	Water	
6.50	Butylene Glycol	Butylene Glycol	Ruger Chemical Co., Inc.
0.90	Sodium Chloride	Sodium Chloride	Sigma Aldrich
0.80	Euxyl™ PE 9010	Phenoxyethanol (and) Ethylhexylglycerin	Ashland
0.50	NatrIquest E30	Trisodium Ethylenediamine Disuccinate	Innospec Performance Chemicals
<b>100.00</b>			

## Description:

A non-whitening fluid sunscreen lotion. This formula uses TNOSP65MZ6SI, a hybrid sunscreen dispersion of nano Zinc Oxide and Ethylhexyl Salicylate. Koboguard® Natural 3000-NDA70 is a lightweight, natural origin film former that helps form an even layer of the formula on the skin, while increasing longevity. MAKIBASE SEB ALT is a 100% vegetable based and COSMOS approved liquid W/O emulsifier to help stabilize the emulsion, while giving a light and non-greasy feel. Sunboost ATB is our proprietary ratio of antioxidants, anti-irritant, and anti-inflammatory agents that help boost SPF and PFA while also nourishing the skin. MSS-500W is a natural silica microsphere that gives a soft and non-greasy skin feel.

## Manufacturing Procedure:

1. Weigh out Phase A in main beaker + begin mixing under homogenizer. Mix until uniform.
2. Combine Phase B in side beaker. Begin mixing under prop. Mix until uniform.
3. Once both phases are uniform, SLOWLY add Phase B (side-water) to Phase A (main-oil). (Homo speed - 2700 - 3000 rpm). Avoid pooling.
4. Once fully transferred, mix for an additional 10 minutes

## Active Ingredient(s):

Zinc Oxide	20.58%
Ethylhexyl Salicylate	4.99%

## Testing:

SPF: in vivo on 5 subjects  
CW: FDA method



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November, 2023





KSL-535E-BR

# Tinted W/O Hybrid Sunscreen 5



%	INGREDIENT	INCI NAME	SUPPLIER
<b>Part 1</b>			
22.70	ÁGUA	Aqua	-
1.50	GLICERINA	Glicerina	Mapric
1.00	CLORETO DE SODIO	Sodium chloride	CAAL
0.80	SILIGEL	Xanthan Gum (and) Lecithin (and) Sclerotium Gum (and) Pullulan	AQJA
<b>Part 2</b>			
20.00	INH73MZ	Zinc Oxide (And) Isononyl Isononanoate (And) Polyglyceryl-6 Polycyricoleate (And) Isopropyl Titanium Triisostearate	Kobo Products
10.00	NEO HELIOPAN HMS	Homosalate	Symrise
6.00	BENTONE GEL GTCC	Caprylic/Capric Triglyceride, Stearalkonium Hectorite, Propylene Carbon	Cosmotec
6.00	POLYAQUOL VO4	Polyglyceryl-4 Oleate, Polyglyceryl-6 Oleate, Polyhydroxystearic Acid	Innovacos
5.00	NEO HELIOPAN 303	Octocrylene	Symrise
5.00	PELEMOL CCT	Caprylic/Capric Triglyceride	Midelt Quimica
3.00	SUNBOOST ATB	Argania Spinosa Kernel Oil (And) Tocopheryl Acetate (And) Bisabolol	Kobo Products
<b>Part 3</b>			
10.00	Tinosorb M	Methylene Bis-Benzotriazolyl Tetramethylbutylphenol (and) Aqua (and) Decyl Glucoside (and) Propylene Glycol (and) Xanthan Gum	BASF
<b>Part 4</b>			
2.00	MSS-500/3H	Silica	Kobo Products
1.00	EUXYL PE 9010	Phenoxyethanol (And) Ethylhexylglycerin	Ashland
<b>Part 5</b>			
6.00	KOBOTINT 5	Titanium Dioxide (CI 77891) (And) Iron Oxides (CI 77491, CI 77492, CI 77499) (And) Caprylic/Capric Triglyceride (And) Disteardimonium Hectorite (And) Isopropyl Titanium Triisostearate (And) 1,2-Hexanediol (And) Caprylyl Glycol	Kobo Products
100.00			

## Description:

The combination of mineral and chemical UV filters gives a non-whitening effect and broad spectrum protection. This formula features INH73MZ, Kobo's Attenuation Grade Zinc Oxide dispersion with 70% active level. SunBoost ATB contains a proprietary ratio of antioxidant, anti-irritant and anti-inflammatory agents to further boost SPF and PFA. MSS-500/3H adds slip and spreadability on the skin. The color is provided by KOBOTINT color concentrate that offer good adhesion the skin as well as a creamy feel and full color development.

## Manufacturing Procedure:

1. Combine all ingredients and mix until full dispersion.
2. Combine all ingredients and mix until full dispersion. Add part 1 to part 2 and mix for 5 minutes.
3. Add to the main vessel and mix
4. Add one by one to the main vessel and mix
5. Add to the main vessel and mix

## Active Ingredient(s):

Zinc Oxide	14.20%
Homosalate	10.00%
Octocrylene	5.00%
Methylene Bis-Benzotriazolyl Tetramethylbutylphenol	5.00%

## Testing:

SPF: in vivo on 3 subjects  
 UVA-PF: in vivo on 3 subjects  
 CW: FDA method



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KLF-336

# Blur Foundation Using EXCEBEADS™ CS-725

%	INGREDIENT	INCI NAME	SUPPLIER
<b>Part 1</b>			
40.00	Deionized Water	Water	
6.00	GLW75PFSP	Titanium Dioxide (And) Water (And) Glycerin (And) Sodium Polyacrylate (And) Cellulose Gum	Kobo Products
2.00	GLW45GYSP	Iron Oxides (CI 77492) (And) Water (And) Glycerin (And) Sodium Polyacrylate (And) Cellulose Gum	Kobo Products
1.00	GLW55GRSP	Iron Oxides (CI 77491) (And) Water (And) Glycerin (And) Sodium Polyacrylate (And) Cellulose Gum	Kobo Products
0.10	GLW60GBSP	Iron Oxides (CI 77499) (And) Water (And) Glycerin (And) Sodium Polyacrylate (And) Cellulose Gum	Kobo Products
<b>Part 2</b>			
6.50	Glycerin U.S.P. Natural 96%	Glycerin	Ruger Chemical
0.40	Veegum® HV	Magnesium Aluminum Silicate	R.T. Vanderbilt
0.10	Keltrol® CG	Xanthan Gum	CP Kelco
0.10	Liponate® ISA	Isostearic Acid	Vantage
<b>Part 3</b>			
15.00	Protachem™ CTG	Caprylic/Capric Triglyceride	Protameen
11.60	Elefac I-205	Octyldodecyl Neopentanoate	Alzo International Inc.
1.80	Lipo® GMS-450	Glyceryl Stearate	Vantage
1.50	Lipocol® S	Stearyl Alcohol	Vantage
1.20	Lanette® 22	Behenyl Alcohol	BASF
0.90	Xiameter® PMX-200 Silicone Fluid 5CS	Dimethicone	Dow Chemical
0.60	Lipomulse® Luxe	Cetearyl Alcohol (and) Glyceryl Stearate (and) PEG-40 Stearate (and) Ceteareth - 20	Lipo Chemicals
0.30	Lipowax® D	Cetearyl Alcohol (And) Ceteareth-20	Vantage
<b>Part 4</b>			
0.90	SymDiol® 68	1,2-Hexanediol (And) Caprylyl Glycol	Schulke
<b>Part 5</b>			
10.00	EXCEBEADS™ CS-725	Silica	Tokuyama Corp./Kobo Products
100.00			

## Description:

A full coverage, yet lightweight liquid foundation that blurs skin imperfections for a flawless finish. Blur Foundation features EXCEBEADS™ CS-725 is a high purity, non-porous, spherical fused silica microsphere; it provides a smooth and silky feel, helps provide a soft focus effect to the skin and serves as a high performing alternative to plastic beads. It applies smoothly, leaving a nice non-oily feel on the skin. Sheer coverage is produced by Kobo's GLW pigmentary dispersions. GLW dispersions are added into the water phase.

## Manufacturing Procedure:

1. Combine Part 1 - homogenize until fully developed
2. In a separate beaker combine Part 2 using a prop mix. Continue mixing until it is fully dispersed
3. Add part 2 to part 1. Continue mixing until uniform. Start heating to 80°C
4. Slowly add part 3 to parts 1 and 2 using a homogenizer at 80°C while mixing. Ensure full homogenization before adding parts 4 and 5
5. Cool batch to 50°C then slowly add part 4, followed by part 5 to batch
6. Continue cooling batch to 45°C then pour into components



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KFL-164-EU

# Skintone Neutralizer

%	INGREDIENT	INCI NAME	SUPPLIER
<b>Part 1</b>			
57.00	Deionized Water	Water	
4.00	Glycerin	Glycerin	Interchimie
2.00	Gs-VC40	Butylene Glycol (And) Water (And) Palmitoyl Hydroxypropyltrimonium Amylopectin/Glycerin Crosspolymer (And) Ascorbic Acid (And) Phenoxyethanol (And) Parabens (And) Hydrogenated Lecithin	Kobo Products
1.50	Sodium Chloride	Sodium Chloride	Fischer
<b>Part 2</b>			
10.00	Tegosoft® AC	Isoamyl Cocoate	Evonik
8.00	KoboBlur™ 100 Natural	Silica (And) Cellulose (And) Mica (And) Barium Sulfate (And) Titanium Dioxide (And) Jojoba Esters	Kobo Products
6.00	Jojoba Oil	Simmondsia Chinensis (Jojoba) Seed Oil	Desert Whale
3.00	Dub SSIC	Isocetyl Stearoyl Stearate	Stéarinerie-Dubois
3.00	KTZ® EXTRAFINE RED	Titanium Dioxide (And) Mica	Kobo Products
3.00	Isolan® PDI	Diisostearyl Polyglyceryl-3 Dimer Dilinoleate	Evonik
1.50	Olivem® 900	Sorbitan Oliviate	HallStar
1.00	Lipex® Shea Tris	Shea Butter	AAK
<b>100.00</b>			

## Description:

This facial cream gives uniform color to skin tone due to the addition of KoboBlur™ 100 Natural, a plastic-free Soft Focus Complex, which hides skin imperfections in all kinds of media. Gs-VC40 is a glycosphere with entrapped vitamin C for protected delivery of the active. KTZ® EXTRAFINE RED is a small particle size pearlescent pigment, that gives a subtle red glow, covers skin imperfections and evens out skintone.

## Manufacturing Procedure:

1. Add Part 2 ingredients and heat to 80-90 °C while mixing.
2. Pre-mix Part 1 and add to Part 2 slowly while mixing.
3. Cool to 30 °C and homogenize for 3 minutes at 5000 rpm.



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KFL-170-BR

# Charcoal + Scrub Face Mask

%	INGREDIENT	INCI NAME	SUPPLIER
<b>Part 1</b>			
56.40	Deionized Water	Water	
20.00	Glicerina Bi-Destilada U.S.P.	Glycerin	Synth
0.60	Goma Xantana	Xanthan Gum	M Cassab
<b>Part 2</b>			
5.00	Tersil® CB	Kaolin	Terramater
2.50	<b>CHARCOAL POWDER</b>	Charcoal Powder	<b>Adsorb/Kobo Products</b>
<b>Part 3</b>			
5.00	<b>SunBoost ATB</b>	Argania Spinosa Kernel Oil (And) Tocopheryl Acetate (And) Bisabolol	<b>Kobo Products</b>
2.00	Montanov™ 68	Cetearyl Alcohol (and) Cetearyl Glucoside	SEPPIC
1.50	Oliwax®	Hydrogenated Olive Oil, Olea Europaea (Olive) Fruit Oil, Olea Europaea (Olive) Oil Unsaponifiables	Hallstar
<b>Part 4</b>			
5.00	<b>KoboScrub™ SD-200</b>	Silica	<b>Kobo Products</b>
<b>Part 5</b>			
1.00	<b>Cn-HAHWS</b>	Water (And) Pentylene Glycol (And) Palmitoyl Hydroxypropyltrimonium Amylopectin/Glycerin Crosspolymer (And) 1,2-Hexanediol (And) Caprylyl Glycol (And) Sodium Hyaluronate (And) Hydrogenated Lecithin	<b>Kobo Products</b>
<b>Part 6</b>			
1.00	Cosmoguard® SL CP	Phenoxyethanol (and) Ethylhexylglycerin	Cosmotec
<b>100.00</b>			

## Description:

An exfoliating and hydrating mask that eliminates skin impurities and delivers emollient and soothing properties in its formulation. This Mask features KoboScrub™ SD-200, a natural scrubbing bead, which imparts exfoliation to the skin and CHARCOAL POWDER, a natural and highly porous powder, which absorbs impurities from the skin. Skin moisturizing ingredients are Kobo's Glycosphere Cn-HAHWS, with encapsulated Sodium Hyaluronate, and SunBoost ATB which imparts excellent skin conditioning properties and emolliency, while soothing skin due to its Bisabolol and Vitamin E content.

## Manufacturing Procedure:

1. Combine Part 1 under propeller mixing.
2. Add Part 2, mix until homogeneous and heat to 75-80°C.
3. Combine Part 3 and heat to 75-80°C.
4. Add Part 3 to Parts 1 and 2 and mix until homogeneous.
5. Cool batch to 50°C and add Part 4. Mix until homogeneous.
6. Add Part 5 and mix until homogeneous.
7. Add Part 6 and mix until homogeneous.



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KFL-227A

# Moisturizing Mousse Cream with Neosolue™-Aqualio

%	INGREDIENT	INCI NAME	SUPPLIER
<b>Part 1</b>			
62.75	Deionized Water	Water	
1.00	Tris Amino® Ultra PC	Tromethamine	Angus Chemical Company
<b>Part 2</b>			
7.00	Glycerin U.S.P. F.C.C. 96%	Glycerin	Ruger Chemical
0.75	MAKIMOUSSE 12	Sodium Polyacrylate Starch	Daito/Kobo Products
0.20	Keltrol® CG	Xanthan Gum	CP Kelco
<b>Part 3</b>			
2.00	Neosolue™-Aqualio	Bis-Ethoxydiglycol Cyclohexane 1,4-Dicarboxylate	Nippon/Kobo Products
<b>Part 4</b>			
10.00	Protachem™ CTG	Caprylic/Capric Triglyceride	Protameen
10.00	Squalane NF	Squalane	Barnet Products
3.00	Dermofat 4919	Stearic Acid	Alzo International
1.00	Montanov™ 68	Cetearyl Alcohol (and) Cetearyl Glucoside	SEPPIC
1.00	SunBoost ATB Natural	Argania Spinosa Kernel Oil (And) Tocopheryl Acetate (And) Bisabolol	Kobo Products
<b>Part 5</b>			
1.00	MSS-500/3N	Silica	Kobo Products
<b>Part 6</b>			
0.30	AE Preserve® PCG	Phenethylalcohol (And) Caprylhydroxamic Acid (And) Glycerin	AE Chemie
<b>100.00</b>			

## Description:

This moisturizing mousse cream delivers soothing hydration and relieves visibly dry skin without a greasy after feel. MAKIMOUSSE 12 absorbs and releases instant hydration during application and is the main material in the formula which contributes to the mousse-like texture. Neosolue™-Aqualio, an ester oil that is soluble in both water and oil, increases skin hydration and moisture and improves skin elasticity. SunBoost ATB Natural, a proprietary ratio of anti-oxidant, anti-irritant and anti-inflammatory agents, conditions, moisturizes and nourishes the skin. MSS-500/3N silica microsphere, offers enhanced slip and promotes better blendability on the skin while contributing to the silky, elegant after feel.

## Manufacturing Procedure:

1. Combine Part 4 in a side beaker and heat to 80°C. Prop mix until uniform.
2. Combine Part 1 and begin heating to 80°C.
3. Pre-mix Part 2 in a side beaker. Slowly add to Part 1.
4. Add Part 3 to Parts 1 and 2.
5. Slowly add Part 4 to main beaker when both phases are at 80°C.
6. Start cooling batch down and add Parts 5 and 6. Continue mixing until batch is cool.



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KFL-242

# Liquid Glove Overnight Hand & Heel Balm with SILK COTTON PW

%	INGREDIENT	INCI NAME	SUPPLIER
<b>Part 1</b>			
53.05	Deionized Water	Water	
12.00	Glycerin U.S.P. F.C.C. 96%	Glycerin	Ruger Chemical
1.50	<b>INULIN-SC</b>	Inulin	<b>Nippon/Kobo Products</b>
0.15	Protacide Na3 EDTA™	Trisodium EDTA	Protameen
0.10	ALLANTOIN	Allantoin	RITA
<b>Part 2</b>			
0.10	<b>SILK COTTON PW</b>	Cellulose	<b>Daito/Kobo Products</b>
<b>Part 3</b>			
9.85	Lanette O®	Cetearyl Alcohol	BASF
1.50	<b>SunBoost ATB</b>	Argania Spinosa Kernel Oil (And) Tocopheryl Acetate (And) Bisabolol	<b>Kobo Products</b>
1.00	UltraPure GML	Glyceryl Laurate	Ultra Chemical, Inc.
1.00	<b>Plandool™-H</b>	Phytosteryl/Isostearyl/Cetyl/Stearyl/Behenyl Dimer Dilinoleate	<b>Nippon/Kobo Products</b>
0.75	Lanette® 22	Behenyl Alcohol	BASF
<b>Part 4</b>			
1.00	Eumulgin® Prisma	Disodium Cetearyl Sulfosuccinate	BASF
<b>Part 5</b>			
6.50	<b>CELLULOBEADS D-10</b>	Cellulose	<b>Daito/Kobo Products</b>
3.00	Trivent PE-48	Pentaerythritol Tetraoctanoate	Alzo International Inc.
3.00	Xiameter® PMX-200 Silicone Fluid 5CS	Dimethicone	Dow Chemical
2.00	<b>MSS-500W</b>	Silica	<b>Kobo Products</b>
<b>Part 6</b>			
0.20	CE-181716 Lime Pepper	Fragrance	Custom Essence
<b>Part 7</b>			
1.00	<b>Neosolue™-Aqualio</b>	Bis-Ethoxydiglycol Cyclohexane 1,4-Dicarboxylate	<b>Nippon/Kobo Products</b>
1.00	Zemea®	Propanediol	Du Pont, Tate & Lyle
0.80	SymDiol® 68	1,2-Hexanediol (And) Caprylyl Glycol	Symrise
0.50	Symsave® H	Hydroxyacetophenone	Symrise
<b>100.00</b>			

## Description:

This Ultra-Rich Overnight Skin Softener is formulated specifically for treatment of highly-callused hands and feet. It contains a combination of natural fiber, SILK COTTON PW (serves as the liquid glove for deep skin conditioning), and natural Microspheres, CELLULOBEADS D-10 and MSS-500W (both provide a smooth skin after feel). INULIN-SC imparts intense moisturization with significantly less tack than Glycerin. Plandool™-H acts as skin's own intercellular lipids to provide moisture barrier protection. SunBoost ATB adds to skin soothing and smoothing properties. Neosolue™-Aqualio helps the product absorb into the skin.

## Manufacturing Procedure:

1. Weigh out the first five ingredients of Part 1 into the main vessel and heat with stirring to 65-70° C until all is dissolved and melted in solution.
2. With fast speed propeller, sprinkle in SILK COTTON PW and stir well until the powder is thoroughly mixed throughout the batch.
3. In a side kettle, weigh out Part 3 and heat to 65-70° C. Mix well until all waxes are melted and phase is uniform. Sprinkle in Part 4 and mix well.
4. Pre-mix Part 5 well, (it will become a paste), and add to Parts 3 and 4. Reheat phase to 65° C and add to Parts 1 and 2 with fast speed propeller mixing.
5. Stir-cool batch to 55-60° C and add Part 6. Mix well.
6. Pre-mix Part 7 well until all of Symsave® H is dissolved. Add phase to the batch and stir well.
7. Drop batch @ 50-55° C into finished containers.

## Notes:

USE DIRECTIONS: After cleansing, apply before bedtime to extremely callused hands and feet. Do not over rub product into skin; Allow the built-in glove to help skin slowly and deeply absorb the product throughout the night.



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KFL-244A

# Body-Heat-Activated Facial Mask with KOBOGUARD® 5400 NH

%	INGREDIENT	INCI NAME	SUPPLIER
<b>Part 1</b>			
45.18	Deionized Water	Water	
4.00	Chemonix® LI-7	PEG-7 Glyceryl Cocoate	Lubrizol
3.00	Glycerin U.S.P. Natural 96%	Glycerin	Ruger Chemical
3.00	PROPYLENE GLYCOL	Propylene Glycol	Ruger Chemical
1.00	Luviquat® PQ 11 PN	Polyquaternium-11	BASF
0.90	Phenoxetol®	Phenoxyethanol	Ashland
0.02	Citric Acid USP Anhydrous Fine Granular	Citric Acid	Universal Preserv-A-Chem, Inc.
<b>Part 2</b>			
1.00	ETHYL ALCOHOL E1028	Ethyl Alcohol	PCI Scientific Supply Company
<b>Part 3</b>			
18.00	Emulgin® B 2	Ceteareth 21	Cognis
12.90	Squalane NF	Squalane	Barnet
2.00	KOBOGUARD® 5400 NH	Hydrogenated Polycyclopentadiene (And) C13-15 Alkane	Kobo Products
<b>Part 4</b>			
8.00	K-RAY® PERPETUAL SUMMIT BLUE	Titanium Dioxide (And) Mica (And) Silica	Kobo Products
1.00	KTZ® SM EXTRAFINE DENIM	Synthetic Fluorophlogopite (And) Titanium Dioxide (And) Ferric Ferrocyanide	Kobo Products
100.00			

## Description:

This facial mask is body-heat-activated upon application which melts the product into a shiny, oily layer. Skin is intensely hydrated, looking refreshed and healthy once the mask treatment is completed and face is cleansed from impurities. KOBOGUARD® 5400 NH is added to intensify the experience of transformation for optimized timing. K-RAY® PERPETUAL SUMMIT BLUE is an effect pigment that gives a unique stand-out blue reflection color. KTZ® SM EXTRAFINE DENIM provides background color and extra vibrancy.

## Manufacturing Procedure:

1. Combine Part 1. Prop mix. Heat to 80° C.
2. Combine Part 3. Prop mix. Heat to 80° C.
3. Add Part 2 to Part 1 then add Part 3 slowly to batch.
4. Add Part 4 to batch. Allow to mix for 10min.
5. Pour into glass jars at 80° C and allow to cool to RT.



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KFL-288-BR

# Smooth Skin Finish

%	INGREDIENT	INCI NAME	SUPPLIER
<b>Part 1</b>			
10.93	<b>SALACOS® 99</b>	Isononyl Isononanoate	<b>Ikeda/Kobo Products</b>
9.50	<b>EMOGREEN™ L15</b>	C15-19 Alkane	Seppic
9.50	<b>T.I.O.</b>	Triethylhexanoïn	<b>Ikeda/Kobo Products</b>
7.00	<b>KOBOGUARD® 5400 NH</b>	Hydrogenated Polycyclopentadiene (And) C13-15 Alkane	<b>Kobo Products</b>
5.00	<b>CXG-1104</b>	Dimethicone (And) Dimethicone/Vinyl Dimethicone Crosspolymer	<b>Avantor/Kobo Products</b>
<b>Part 2</b>			
13.00	<b>VEGETABLE WAX-SS1 (Non-GMO)</b>	Helianthus Annuus (Sunflower) Seed Wax (And) Phytosterols	<b>Ikeda/Kobo Products</b>
10.00	<b>PM WAX 82</b>	Polyethylene (And) Microcrystalline Wax	<b>Toray/Kobo Products</b>
4.00	<b>BENTONE GEL® GTCC V</b>	Caprylic/Capric Triglyceride (and) Stearalkonium Hectorite (and) Propylene Carbonate	Cosmotec
2.00	<b>SALACOS® 334</b>	Caprylic/Capric/Myristic/Stearic Triglyceride	<b>Ikeda/Kobo Products</b>
1.00	<b>SunBoost ATB</b>	Argania Spinosa Kernel Oil (And) Tocopheryl Acetate (And) Bisabolol	<b>Kobo Products</b>
<b>Part 3</b>			
0.05	<b>GCG50TYSG</b>	Iron Oxides (CI 77492) (And) Caprylic/Capric Triglyceride (And) Polyglyceryl-3 Diisostearate (And) Stearoyl Glutamic Acid	<b>Kobo Products</b>
0.01	<b>KTZ® EBONY</b>	Iron Oxides (CI 77499) (And) Mica	<b>Kobo Products</b>
0.01	<b>GCG50TRSG</b>	Iron Oxides (CI 77491) (And) Caprylic/Capric Triglyceride (And) Polyglyceryl-3 Diisostearate (And) Stearoyl Glutamic Acid	<b>Kobo Products</b>
<b>Part 4</b>			
15.00	<b>MSS-500/N</b>	Silica	<b>Kobo Products</b>
10.00	<b>KoboBlur™ 100 Natural</b>	Silica (And) Cellulose (And) Mica (And) Barium Sulfate (And) Titanium Dioxide (And) Jojoba Esters	<b>Kobo Products</b>
3.00	<b>MSS-500/3H</b>	Silica	<b>Kobo Products</b>
100.00			

## Description:

This skin plumping product fills in fine lines while hydrating and treating the skin. It features a combination of microspheres, KoboBlur™ 100 Natural, MSS-500/N and MSS-500/3H, that contributes to the soft focus effect, nice application and after feel. SALACOS® 334 is a synthetic butter with superior oxidative stability that imparts skin moisturization and smoothness. SunBoost ATB soothes the skin due to its Bisabolol and Vitamin E content. SALACOS® 99 and T.I.O are light emollients that provide spreadability. KOBOGUARD® 5400 NH is a film former that contributes to formula wear. CXG-1104, a silicone elastomer, improves feel upon application. KTZ® EBONY is a black pearlescent pigment, containing a high concentration of Black Iron Oxide on natural mica, working to make the shade in combination with Transparent Iron Oxides, GCG50TYSG and GCG50TRSG. VEGETABLE WAX-SS1 (Non-GMO) and PM WAX 82 were used to structure the formulation.

## Manufacturing Procedure:

1. Combine Part 1 and mix until homogeneous.
2. Add Part 2. Heat to 80°C and mix until homogeneous.
3. Add Part 3 and mix until homogeneous.
4. Add Part 4 and mix until homogenous.
5. Pour into components.



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KFL-291

# Body Bounce Moisture Barrier Cream

%	INGREDIENT	INCI NAME	SUPPLIER
<b>Part 1</b>			
69.41	Deionized Water	Water	P&G Chemicals
3.50	GLYCERIN U.S.P. F.C.C. 96%	Glycerin	
1.00	<b>INULIN-SC</b>	Inulin	<b>Nippon/Kobo Products</b>
0.15	Dermofeel® PA-3	Sodium Phytate	Dr. Straetmans/ Evonik
0.04	Potassium Hydroxide, 30% Solution (w/volume)	Water (And) Potassium Hydroxide	LabChem
<b>Part 2</b>			
0.50	Aristoflex® BLV	Ammonium Acryloyldimethyltaurate/Beheneth-25 Methacrylate Crosspolymer	Clariant
<b>Part 3</b>			
3.50	<b>Plandool™-MAS</b>	Phytosteryl Macadamiate	<b>Nippon/Kobo Products</b>
3.00	Dermol PGDP	Propylene Glycol Depelargonate	Alzo International
2.50	<b>Plandool™-LG1</b>	Phytosteryl/Behenyl/Octyldodecyl Lauroyl Glutamate	<b>Nippon/Kobo Products</b>
2.00	dermofeel® sensolv MB	Isoamyl Laurate	Dr. Straetmans/Evonik
2.00	<b>SunBoost ATB</b>	Argania Spinosa Kernel Oil (And) Tocopheryl Acetate (And) Bisabolol	<b>Kobo Products</b>
2.00	Hostaphat® KL 340 D	Trilaureth-4 Phosphate	Clariant
2.00	Lanette® O	Cetearyl Alcohol	BASF
1.00	UltraPure GML	Glyceryl Laurate	Ultra Chemical, Inc.
<b>Part 4</b>			
1.50	<b>MSS-500</b>	Silica	<b>Kobo Products</b>
<b>Part 5</b>			
0.20	Radical SpongeN	Fullerenes (and) PVP (and) Butylene Glycol (and) Aqua	AE Chemie
<b>Part 6</b>			
3.50	Zemea®	Propanediol	Du Pont & Tate
0.80	SymDiol® 68	1,2-Hexanediol (And) Caprylyl Glycol	Symrise
0.50	Phyteq™ Raspberry I	Raspberry Ketone	Ashland
0.25	Eldeberry GL	Sambucus Nigra Fruit Extract (And) Glycerin	Bio-Botanica Inc
<b>Part 7</b>			
0.35	<b>MAKIMOUSSE 12</b>	Sodium Polyacrylate Starch	<b>Daito/Kobo Products</b>
<b>Part 8</b>			
0.30	CE-224117 Ocean Salt & Sage (GRAS)	Natural fragrance	Custom Essence
<b>100.00</b>			

## Description:

Replenish your skin's own moisture barrier protection with this unique bouncy textured body cream. INULIN-SC is a strong moisturizing humectant derived from sugar cane. Plandool™-MAS is a macadamia derived buttery ester that gives excellent skin smoothness and softness. Plandool™-LG1 is a plant based wax that replenishes skin's own intercellular water barrier lipids for superior moisture protection. SunBoost ATB is a proprietary blend of rich emollients, vitamin E and skin soothers. MSS-500 is a silica microsphere that improves product application and gives a soft after feel on skin. MAKIMOUSSE 12 gives the product its mousse-like texture and velvety skin feel.

## Manufacturing Procedure:

1. In main vessel, weigh out ingredients in Part 1. With fast speed propeller mixing, sprinkle Part 2 into batch and fast mix while heating to 70°C.
2. In a side kettle, heat Part 3 to 70°C. Add Part 4 and mix well until phase is uniform.
3. With moderate homogenization, add Parts 3 and 4 to Parts 1 and 2 and homogenize until batch is smooth and uniform.
4. Transfer batch to a sweep and sweep cool to 50°C. Add Part 5 and mix well.
5. Cool mix batch to 35-40°C. Pre-mix Part 6 well with very slight heat, (40°C) until Phyteq™ Raspberry I fully dissolves. Stir in Part 7 until phase is smooth and uniform.
6. Transfer batch back to a homogenizer and homogenize pre-mixed Parts 6 and 7 into batch.
7. Homogenize batch until smooth. Add Part 8 and mix well. Drop batch between 30-35°C.



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KFL-328

# Light Weight Face and Body Lotion with SPF



%	INGREDIENT	INCI NAME	SUPPLIER
<b>Part 1</b>			
27.80	Deionized Water	Water	
5.00	GLYCERIN U.S.P. F.C.C. 96%	Glycerin	Ruger Chemical
2.00	Aloe Vera Powder	Aloe Barbadensis Leaf Juice	Jeen International
1.50	Magnesium sulfate heptahydrate	Magnesium Sulfate	Sigma Aldrich
0.30	KELTROL® CG	Xanthan Gum	CP Kelco
<b>Part 2</b>			
16.00	<b>NHP60MZ8SG</b>	Zinc Oxide (And) C13-15 Alkane (And) Stearoyl Glutamic Acid (And) Polyhydroxystearic Acid	<b>Kobo Products</b>
5.00	<b>Sunboost ATB Natural</b>	Argania Spinosa Kernel Oil (And) Tocopheryl Acetate (And) Bisabolol	<b>Kobo Products</b>
5.00	SQUALANE NF	Squalane	Barnet
5.00	Eutanol® G	Octyldodecanol	BASF
5.00	<b>TNP50T7</b>	C12-15 Alkyl Benzoate (And) Titanium Dioxide (And) Aluminum Hydroxide (And) Polyhydroxystearic Acid (And) Hydrogen Dimethicone	<b>Kobo Products</b>
4.00	Wickenol 177	Isodecyl Neopentanoate	Alzo International
<b>Part 3</b>			
6.90	<b>JOS10M5</b>	Simmondsia Chinensis (Jojoba) Seed Oil (And) Silica	<b>Kobo Products</b>
4.00	Bentone lux WO	Polyglyceryl-6 Polyricinoleate. (and) Polyglyceryl-2. Isostearate (and). Distearidimonium Hectorite	Elementis
4.00	<b>Plandool™-LG2</b>	Phytosteryl/Octyldodecyl Lauroyl Glutamate	<b>Nippon Fine Chemical/Kobo Products</b>
2.00	MLB	Polyglyceryl-4 Isostearate (and) Coco-Caprylate/Caprates (and) Polyglyceryl-3 Polyricinoleate (and) Sorbitan Isostearate (and) Distearidimonium Hectorite	Sunjin Beauty Science
<b>Part 4</b>			
4.00	<b>MSS-500W</b>	Silica	<b>Kobo Products</b>
2.00	<b>Gs-GTS</b>	Water (And) Pentylene Glycol (And) Palmitoyl Hydroxypropyltrimonium Amylopectin/Glycerin Crosspolymer (And) Camellia Sinensis Leaf Extract (And) 1,2-Hexanediol (And) Caprylyl Glycol (And) Hydrogenated Lecithin	<b>Kobo Products</b>
0.50	Symdiol 68	1,2-Hexanediol (And) Caprylyl Glycol	Symrise
<b>100.00</b>			

## Description:

This light weight SPF face and body lotion features SunBoost ATB Natural is an all-natural blend containing a proprietary ratio of antioxidant, anti-irritant and anti-inflammatory agents. It achieves greater than 30% increase in SPF results when used in conjunction with inorganic UV filters. The inorganic UV filters used in this formula are TNP50T7 and NHP60MZ8SG. JOS10M5 is a natural origin ingredient that provides the formula with slight cushiony feel and conditions the skin. Plandool™-LG2 is 100% plant derived Amino Acid ester provides moisture effects and skin barrier functions. Gs-GTS acts as a free-radical scavenger. It is based on submicron delivery systems, glycospheres which can entrap plant extracts such as green tea within their hydrophilic inner core, separating them from the constituents of the formulas and protecting them from degradation. Lastly, MSS-500W is a Silica Microsphere added to offer a ball-bearing effect which will impart finished products with an elegant silky texture, increasing payoff, and enhancing slip which promotes better bendability on the skin.

## Manufacturing Procedure:

1. Add part 1 and heat to 70C. make sure to increase the speed to have a good vortex.
2. Add part 2 and use homogenizer at ~ 3000 RPM. Ensure full homogenization.
3. Add part 3 to part 2 and heat to 70C. Use enough speed to allow proper vortex and ensuring full homogenization.
4. Slowly Add water phase (part 1) to oil phase (parts 2&3) using a homogenizer at ~5000RPM for 10 mins then lower the speed to ~2000RPM.
5. Leave batch on homogenizer to cool to 45C then add part 4. Mix after each ingredient.

## Active Ingredient(s):

Titanium Dioxide	2.00%
Zinc Oxide	9.12%

## Testing:

SPF: in vivo on 5 subjects



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KHP-030

# Shampoo with INULIN-SC

%	INGREDIENT	INCI NAME	SUPPLIER
<b>Part 1</b>			
40.00	Standapol® ES-2	Sodium Laureth Sulfate	BASF
5.00	Chemonic® LI-7	PEG-7 Glyceryl Cocoate	Lubrizol
5.00	Jeeteric CAB-LC	Water (And) Cocamidopropyl Betaine	Jeen International
4.00	Plantaren® 1200 N UP	Lauryl Glucoside	BASF
<b>Part 2</b>			
44.00	Deionized Water	Water	
<b>Part 3</b>			
2.00	<b>INULIN-SC</b>	Inulin	<b>Nippon/Kobo Products</b>
<b>100.00</b>			

## Description:

This shampoo formula with scalp and hair moisturizing INULIN-SC is designed for healthier, stronger hair. It is suitable for all hair types. INULIN-SC is an excellent moisturizer for hair. It acts as a natural non-ionic conditioner to smoothen hair fibers.

## Manufacturing Procedure:

1. Combine Part 1. Side sweep prop mix 30rpm 70°C - 15min. □
2. Heat Part 2 to 70°C - slowly add to batch while mixing. □
3. Continue mixing for 1 hour. Remove from heat and allow to cool.
4. Add Part 3 - mix for 30min side sweep 30rpm.





KHP-037B

# Shampoo & Body Cleansing Bar

%	INGREDIENT	INCI NAME	SUPPLIER
<b>Part 1</b>			
56.00	Pureact I-85C	Sodium Cocoyl Isethionate	Innospec Performance Chemicals
15.00	Suga@Nate 160 Dry	Sodium Laurylglucosides Hydroxypropylsulfonate	Colonial Chemical, Inc.
8.50	§UPEROL® KPO, GLYCERIN 99.7% USP/FCC (KOSHER)	Glycerin	P&G Chemicals
3.50	<b>Plandool™-MAS</b>	Phytosteryl Macadamiate	<b>Nippon/Kobo Products</b>
3.25	VARISOFT® BTMS Pellets MB	Behentrimonium Methosulfate (and) Cetearyl Alcohol	Evonik
3.00	STEPAN-MILD® GCC	Glyceryl Caprylate/Caprata	Stepan Company
2.50	Emulsifying Wax NF - Pastilles	Cetearyl Alcohol (and) Polysorbate 60	Strahl & Pitch
1.50	<b>SunBoost ATB</b>	Argania Spinosa Kernel Oil (And) Tocopheryl Acetate (And) Bisabolol	<b>Kobo Products</b>
<b>Part 2</b>			
1.50	CE-181662 Almond Milk & White Lavender (NF)	Coumarin	Custom Essence
<b>Part 3</b>			
4.50	ImerCare® 08K(S)	Kaolin	Imerys
0.75	<b>INULIN-SC</b>	Inulin	<b>Nippon/Kobo Products</b>
<b>100.00</b>			

## Description:

Replace your bottles and tubes with this long-lasting, all-purpose cleansing bar! TSA friendly packaging; good for travel and for the gym. A combination shampoo and body cleansing bar gives a luxurious foam and leaves hair and skin soft and smooth. Plandool™-MAS is a natural buttery ester derived from Macadamia that offers superior softness to skin and hair. SunBoost ATB is a proprietary blend of softening Argan oil, antioxidants and skin soothing aids. INULIN-SC is a sugar cane derived moisturizer and humectant.

## Manufacturing Procedure:

1. (Pre-grind Pureact I-85C for easier melting). In main vessel, weigh out Part 1 and slowly heat to 80-85°C with slow stirring.
2. When batch reaches temperature and all ingredients are melted, mix Part 2 into batch.
3. When smooth and uniform, stir Part 3 into batch and mix well. (Maintaining temperature)
4. Drop batch into molds and let sit for at least 4 hours.



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# KHP-048 Beard Balm

%	INGREDIENT	INCI NAME	SUPPLIER
<b>Part 1</b>			
45.00	<b>JOS10M5</b>	Simmondsia Chinensis (Jojoba) Seed Oil (And) Silica	<b>Kobo Products</b>
27.00	<b>JOJOBA OIL</b>	Simmondsia Chinensis (Jojoba) Seed Oil	Vantage
4.00	<b>LexFeel™ Natural</b>	Heptyl Undecylenate	Inolex
4.00	<b>KOBOGUARD® NATURAL 3000-CCT70</b>	Glyceryl Hydrogenated Rosinate (And) Caprylic/Capric Triglyceride	<b>Kobo Products</b>
<b>Part 2</b>			
7.50	<b>Ozokerite Wax White SP 1020P</b>	Ozokerite	Strahl & Pitch
3.50	<b>PM WAX 82</b>	Polyethylene (And) Microcrystalline Wax	<b>Toray/Kobo Products</b>
<b>Part 3</b>			
5.00	<b>SunBoost ATB</b>	Argania Spinosa Kernel Oil (And) Tocopheryl Acetate (And) Bisabolol	<b>Kobo Products</b>
2.00	<b>Plandool™-H</b>	Phytosteryl/Isostearyl/Cetyl/Stearyl/Behenyl Dimer Dilinoleate	<b>Nippon Fine Chemical/Kobo Products</b>
2.00	<b>Plandool™-LG2</b>	Phytosteryl/Octyldodecyl Lauroyl Glutamate	<b>Nippon Fine Chemical/Kobo Products</b>
<b>100.00</b>			

## Description:

This beard balm will help condition facial hair and reduce roughness or itchiness. JOS10M5 is a blend of jojoba oil and silica that helps thicken the formula as well as moisturizes facial hair. KOBOGUARD® NATURAL 3000-CCT70 is a natural origin film former that helps increase the formulas wear. PM WAX 82 is one of the waxes used to give the formula its structure. Plandool™-H and Plandool™-LG2 are two plant based lanolin alternatives that work as emollients and moisture barriers. Lastly Sunboost ATB is a proprietary ratio of anti-oxidant, anti-irritant and anti-inflammatory agent that conditions the facial hair.

## Manufacturing Procedure:

1. Add part 1 to main beaker heat to 80 °C prop mix at slow to moderated speed until uniform
2. Add part 2 to main beaker prop mix until waxes have melted and batch is uniform
3. Add part 3 to main beaker prop mix until uniform
4. Pour into components at 70 °C





KHP-051B

# Root Touch-Up (Medium)

%	INGREDIENT	INCI NAME	SUPPLIER
<b>Part 1</b>			
41.00	<b>GMS-NJE3</b>	Mica (And) Jojoba Esters	<b>Kobo Products</b>
15.00	<b>BYO-NJE3</b>	Iron Oxides (CI 77492) (And) Jojoba Esters	<b>Kobo Products</b>
14.00	<b>BBO-NJE2</b>	Iron Oxides (CI 77499) (And) Jojoba Esters	<b>Kobo Products</b>
11.00	<b>BRO-NJE2</b>	Iron Oxides (CI 77491) (And) Jojoba Esters	<b>Kobo Products</b>
5.00	<b>ASO-I2</b>	Aluminum Starch Octenylsuccinate (And) Isopropyl Titanium Triisostearate	<b>Kobo Products</b>
5.00	<b>MSS-500W</b>	Silica	<b>Kobo Products</b>
4.00	<b>MAGNESIUM MYRISTATE</b>	Magnesium Myristate	<b>Kobo Products</b>
<b>Part 2</b>			
5.00	<b>SunBoost ATB Natural</b>	Argania Spinosa Kernel Oil (And) Tocopheryl Acetate (And) Bisabolol	<b>Kobo Products</b>
<b>100.00</b>			

## Description:

This Dual: hair refresher and root touch-up, is an easy to apply product that blends and covers grey roots, providing natural-looking and more refreshed glam with medium to full coverage in three shades. The formula features GMS-NJE3 - Composed of Mica in Jojoba Ester Treatment (NJE). This treatment offers a creamy feel and good affinity to the skin. BYO (Yellow), BRO (Red), BBO (Black) NJE3 - Composed of Iron Oxides in Jojoba Ester Treatment (NJE). CSO-NJE5, modified Starch (can be a great substitution for Aluminum Starch). Delivers dry (non-greasy) feeling cream to powder formulas. MSS-500W - Imparts product with an elegant silky texture, increasing payoff, as well as slip. Silica Microspheres thus, promotes better blendability on the skin and an excellent addition for sebum control (oil absorption). MAGNESIUM MYRISTATE - Improves final product adhesion and therefore decreasing the amount of lipids. Finally, SunBoost ATB Natural contains proprietary ratio of three skin conditioning agents, that contributes additional benefits with a blend of anti-irritant, soothing and anti-oxidative properties. SunBoost ATB Natural gives the powder a very creamy and smooth feel, and conditions hair

## Manufacturing Procedure:

1. Combine ingredients in Part 1 and micropulverize until color is fully developed.
2. Slowly add SunBoost ATB Natural drop by drop and blend until completely absorbed by the powder.
3. Micropulverize once more to ensure batch is uniform.





KHP-055A-BR

# Pearly Sulfate-free Shampoo

%	INGREDIENT	INCI NAME	SUPPLIER
<b>Part 1</b>			
43.40	ÁGUA	Aqua	-
2.00	GLICERINA	Glicerina	Mapric
0.70	<b>SANGELOSE 60L</b>	Hydroxypropyl Methylcellulose Stearoxy Ether	<b>Ikeda Corp./Kobo Products</b>
0.50	<b>INULIN-SC</b>	Inulin	<b>Nippon Fine Chemical/Kobo Products</b>
0.30	AMP ULTRA PC 2000	Aminometil propanol	CAAL
0.10	CARBOPOL AQUA	Acrylates Copolymer	LUBRIZOL
<b>Part 2</b>			
25.00	BETAION CAPB	Cocamidopropyl Betaine	AQIA
11.00	ALPHA STEP PC48	Sodium Methyl 2-Sulfolaurate (and) Disodium 2-Sulfolaurate	STEPAN
10.00	BIO TERGE AS 40 HP	Sodium C14-16 Olefin Sulfonate	STEPAN
5.00	PLANTACARE 1200 UP	Lauryl Glucoside	BASF
<b>Part 3</b>			
1.00	OPTIPHEN	Caprylyl Glycol (And) Phenoxyethanol	ASHLAND
0.60	<b>KTZ® FINE WHITE</b>	Mica (And) Titanium Dioxide	<b>Kobo Products</b>
0.40	FRAGRANCIA	Parfum	SYMRISE
<b>100.00</b>			

## Description:

This gentle cleaning sulfate-free shampoo features SANGELOSE 60L which creates a thixotropic gel, and KTZ® FINE WHITE, a pearlescent colored mica that gives the pearlescence and luminosity to the formula and a nice effect. INULIN-SC is 100% plant-derived polysaccharides that provides moisture.

## Manufacturing Procedure:

1. First, add water, glycerin and INULIN-SC. Mix until full solubilization. Add CARBOPOL and then neutralize it with AMP. Then, add SANGELOSE with 1200rpm.
2. Start to heat 50°C with 300rpm rotation. Then, add one by one. Mix for 5 minutes and then start cooling down 35°C.
3. Add one by one with 300rpm until is completely mixed



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KPR-003A-EU

# Even Out & Illuminate Putty Primer SPF



%	INGREDIENT	INCI NAME	SUPPLIER
<b>Part 1</b>			
13.45	DUB Zenoat	Propanediol dicaprylate	Stearinerie Dubois
7.00	INP70ZSI	Zinc Oxide (And) Isononyl Isononanoate (And) Polyhydroxystearic Acid (And) Triethoxycaprylylsilane	Kobo Products
7.00	TNP65MZS	Zinc Oxide (And) C12-15 Alkyl Benzoate (And) Polyhydroxystearic Acid (And) Triethoxycaprylylsilane	Kobo Products
6.50	MSS-500/N	Silica	Kobo Products
5.00	CARESS® BN06	Boron Nitride	Kobo Products
3.75	KF-6038	Lauryl PEG-9 Polydimethylsiloxyethyl Dimethicone	Shin Etsu
2.00	KSG-320	Isododecane (And) PEG-15/Lauryl Dimethicone Crosspolymer	Shin Etsu
1.50	MSS-500/3N	Silica	Kobo Products
<b>Part 2</b>			
4.00	Beeswax Yellow	Beeswax	Koster Keunen
4.00	Akofine P	Hydrogenated Vegetable Oil	AAK
<b>Part 3</b>			
3.00	KOBOGUARD® NATURAL 2063-NDA	Glyceryl Hydrogenated Rosinate (And) C9-12 Alkane	Kobo Products
3.00	Purolan IDD	Isododecane	Lanxess
<b>Part 4</b>			
3.00	Purolan IDD	Isododecane	Lanxess
2.00	KTZ® PEACH-11S2	Mica (And) Titanium Dioxide (And) Iron Oxides (CI 77491) (And) Triethoxycaprylylsilane	Kobo Products
<b>Part 5</b>			
28.00	Deionised Water	Aqua	x
5.00	Butylene Glycol	Butylene Glycol	Univar
1.00	Mg Sulphate Heptahydrate	Magnesium Sulphate Heptahydrate	Fisher Scientific
0.40	Symsave H	Hydroxyacetophenone	Symrise
0.40	Symdiol 68	1,2-Hexanediol (And) Caprylyl Glycol	Symrise
100.00			

## Description:

This is a hot pour, w/o emulsion system that has a putty-like texture. This formula can be applied to the face evenly with a sponge to give a thin layer for an instantly evened out and illuminated look. If applying foundation on top, leave it to set for a few minutes. A combination of very small particle size (INP70ZSI) and medium particle size (TNP65MZS) Zinc Oxide dispersions provide UV protection. MSS-500/N, CARESS® BN06 and MSS-500/3N are responsible for the skin tone evening and smoothing effect. Our natural film former KOBGUARD® NATURAL 2063-NDA, is added to give better adhesion to the skin. KTZ® PEACH-11S2, a natural mica substrate based skin tone pearlescent pigment with silane treatment, which provides the subtle illumination.

## Manufacturing Procedure:

1. Prepare Part 1 and homogenize until smooth.
2. Add Part 2 to Part 1 and heat until the waxes are melted.
3. Add Part 3 and get T back up 75°C.
4. Prepare a slurry of the KTZ® PEACH 11S2 in IDD by adding the IDD in parts to the pearl and mixing to make sure there are no lumps.
5. Prepare Part 5 and heat up to 80°C.
6. Emulsify under propeller stirrer, 800 rpm until all the Part 4 is taken in.
7. Move to homogenizer (tubular round hole), homogenize for 1.5 minutes at 5000 rpm. Then turn the speed down to 1500 rpm and add the pearl slurry. Mix till homogenous.
6. Pour at 60°C and refrigerate for 15 minutes to set.

## Active Ingredient(s):

Zinc Oxide 9.10%

## Testing:

SPF: in vivo on 5 subjects  
UVA-PF: in vitro method  
CW: FDA method



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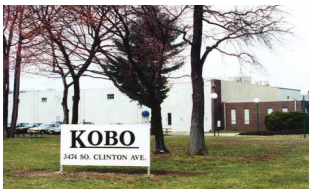
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