

- What is it?** ALCOHOL FREE, ZERO VOC, NON-FLAMMABLE, FAST DRYING, SPRAY FRAGRANCE. UTILIZING SMA (STRUCTURED MICELLE AGGREGATES), **PHOENOMULSE 100**, AND QUICK DRY TECHNOLOGY.
- How do you use it?** Spray the desired amount on body. Do not use on or near eyes.
- Who should use it?** Anyone who wants to avoid the harmful effects of alcohol or volatile organic compounds.
- What does it do?** Provides a fast drying, long lasting fragrance to the body.
- What's in it?** Water (Aqua), Ethyl Perfluorobutyl Ether, Ethyl Perfluoroisobutyl Ether, Isononyl Isononanoate, Fragrance, Polyhydroxystearic Acid, Ethylhexyl Isononanoate, Sodium Cocamidopropyl PG-Dimonium Chloride Phosphate, Red 4 (CI 14700), Red 33 (CI 17200), Blue 1 (CI 42090), Yellow 5 (CI 19140).

	W/W
PHASE A	
PELEMOL IN-2¹ (INCI: Isononyl Isononanoate)	5.00%
Happy Type - 6103039 ² (Fragrance)	5.00%
PHASE B	
Cosmetic Fluid CF-76 ³ (Ethyl Perfluoroisobutyl Ether (and) Ethyl Perfluorobutyl Ether)	20.00%
PHASE C	
PHOENOMULSE 100¹ (INCI: Polyhydroxystearic Acid (and) Isononyl Isononanoate (and) Ethylhexyl Isononanoate (and) Sodium Cocamidopropyl PG-Dimonium Chloride Phosphate)	69.00%
PHASE D	
FD&C Red #4, 0.50% aqua (Red 4)	0.10%
FD&C Red #33, 0.50% aqua (Red 33)	0.10%
FD&C Blue #1, 0.50% aqua (Blue 1)	0.05%
FD&C Yellow #5, 0.50% aqua (Yellow 5)	0.05%
Deionized Water (Water)	0.70%
TOTAL	100.00%

1. Phoenix Chemical, Inc.

2. Bell Flavors & Fragrances, Inc.

3. 3M

Continued >>

*Disclaimer on Reverse

INGREDIENT**PHOENOMULSE 100****PELEMOL IN-2****FUNCTION**

SMA Emulsifier, Fragrance Carrier/Fixative

Solubilizer

PROCEDURE

Combine ingredients of **Phase A** and mix with a prop type mixer (medium speed) at 5-30°C until uniform. (1-2 min.)

Add **Phase A** to **Phase B**, while mixing with a prop type mixer (medium speed) at 5-30°C. Mix until uniform (1-2 min.) at 5-30°C.

Combine **Phase AB** with **Phase C** with a High Speed Dispersion Mill at 5-30°C.

Mix for 2-3 sec. after completing addition of **Phase AB**.

Add ingredients of **Phase D** one at a time. Mix between additions until uniform at 5-30°C with prop type mixer (medium speed, 1-2 min.). Q.S. with water.

SPECIFICATIONS

APPEARANCE

Thin, Light Orange, Opaque Liquid

ODOR

Happy Type (Floral)

VISCOSITY (LV#4, 6rpm, 1min., @20°C)

<10cps

pH (@20°C)

5.0-6.0

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- What is it?** ACTIVE-FOAMING, SULFATE-FREE, MEA/DEA/TEA/FREE SHAMPOO. UTILIZING **PHOENOMULSE CE-1**, AND **FOAM BURST** TECHNOLOGY. NON-FLAMMABLE, ZERO VOC, STANDARD PACKAGE, TRADITIONAL PROCESS.
- How do you use it?** Apply a liberal amount over wet hair. Wait 5 sec. for foam to burst. Massage for 2 min. into a voluptuous ever growing creamy lather.
- Who should use it?** Any one seeking a balanced and ultra mild sulfate-free shampoo. Excellent cleanser for chemical treated hair (colored or permed).
- What does it do?** Produces abundant amounts of foam to cleanse the hair without causing damage associated with sulfate based cleansers. Will not induce over dry hair. Provides light conditioning. Will not weigh down hair or leave hair greasy.
- What's in it?** Water (Aqua), Decyl Glucoside, Methyl Perfluorobutyl Ether, Methyl Perfluoroisobutyl Ether, Saccharide Hydrolysate, Sodium Cocamidopropyl PG-Dimonium Chloride Phosphate, Dipentaerythrityl Tetrabeheenate/Polyhydroxystearate, Steardimonium Hydroxypropyl Panthenyl PEG-7 Dimethicone Phosphate Chloride, PEG-9 Dimethicone/PEG-9 Olive Phosphate, Isononyl Isononanoate, Ethylhexyl Isononanoate, Polyhydroxystearic Acid, Chondrus Crispus (Carrageenan), Sodium Chloride, Fragrance (Parfum), Xanthan Gum, Red 33, Benzyl Alcohol (and) Methylchloroisothiazolinone (and) Methylisothiazolinone, Blue 1, Citric Acid.

	W/W
PHASE A	
Deionized Water (Water)	40.68%
PECOSIL PAN-1218Q⁵ (Steradimonium Hydroxypropyl Panthenyl PEG-7 Dimethicone)	0.75%
PHASE B	
Farmal 2656 ¹ (Saccharide Hydrolysate)	8.00%
Gelcarin PC 379 ² (Chondrus Crispus (Carrageenan))	0.80%
Keltrol CG-T ³ (Xanthan Gum)	0.40%
PHASE C	
Planteran 2000 Nup ⁴ (Decyl Glucoside)	24.00%
Citric Acid USP, 10% (Citric Acid)	0.01%
PHASE D	
PHOENOTAINE C-35⁵ (Sodium Cocamidopropyl PG-Dimonium Chloride Phosphate)	5.00%
PELEMOL DP-144B⁵ (Dipentaerythrityl Tetrabeheenate/Polyhydroxystearate)	0.75%
PECOSIL SO-9⁵ (PEG-9 Dimethicone/PEG-9 Olive Phosphate)	0.50%
XBF-800091 Tropical Fusion ⁶ (Fragrance)	0.15%
Euxyl K-100 ⁷ (Benzyl Alcohol (and) Methylchloroisothiazolinone (and) Methylisothiazolinone)	0.10%
D&C Red #33, 0.50% aqua (Red 33)	0.10%
FD&C Blue #1, 0.50% aqua (Blue 1)	0.01%
PHASE E	
Sodium Chloride USP (Sodium Chloride)	0.75%
PHASE F	
PHOENOMULSE CE-1⁵ (Polyhydroxystearic Acid (and) Isononyl Isononanoate (and) Ethylhexyl Isononanoate (and) Sodium Cocamidopropyl PG-Dimonium Chloride Phosphate (and) Methyl Perfluorobutyl Ether (and) Methyl Perfluoroisobutyl Ether)	18.00%
TOTAL	100.00%

1. Corn Products

2. Earth Supplied Products

3. CP-Kelco

4. Cognis

 5. **Phoenix Chemical, Inc.**

6. IFF

7. Schuelke & Mayr

Continued >>

*Disclaimer on Reverse

INGREDIENT

PHOENOMULSE CE-1

PELEMOL DP-144B

PECOSIL PAN-1218Q

PECOSIL SO-9

FUNCTION

Foam Agent, Foam Burst Technology

Foam Accelerator/Humectant Moisturizer

Conditioning Agent

Conditioning Agent

PROCEDURE

Combine ingredients of **Phase B** in a beaker and hand mix until uniform at 20-25°C. Do not aerate.

Slowly add **Phase B** to **Phase A** under low speed, low shear mixing (1100 RPM) at 20-30°C. Do not aerate.

Heat **Phase AB** to 85-90°C under low speed, low shear mixing (1100 RPM). Hold at 85-90°C for 5-10 min. Do not aerate. Cool **Phase AB** to 25°C.

Neutralize **Phase C** with citric acid to pH 5.5-6.5. Allow any effervescence to subside with continued slow stirring. Add **Phase C** to **Phase AB** under low speed, low shear mixing at 25°C. Do not aerate.

Combine ingredients of **Phase D** with low speed, low shear mixing at 40-45°C. Mix until uniform, do not aerate. Cool to 25°C. Then add **Phase D** to **Phase ABC**.

Add **Phase E** to **ABCD** under low speed, low shear mixing. Mix until uniform, do not aerate.

Add **Phase F** to **ABCDE** under low speed, low shear mixing. Mix until uniform, do not aerate.

SPECIFICATIONS

APPEARANCE @ 20°C

Light Violet, Thick Liquid

ODOR

Citrus, Fruity

VISCOSITY (LV#4, 6rpm, 1min., @20°C)

30,000-50,000cps

pH (@20°C)

5.5-6.5

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- What is it?** RINSE-OFF FACE MASK
- How do you use it?** Apply a liberal amount on clean, dry skin. Let it work for 10-30 min. Rinse and dry.
- Who should use it?** Anyone seeking to reduce the effects of aging without the use of radical skin treatments.
- What does it do?** Immediately rejuvenates the skin by moisturizing, tightening, and exfoliating. Skin is left with a smoother, firmer, more radiant appearance. Reduction of fine lines and wrinkles may be observed after repeated use.
- What's in it?** Water (Aqua), Kaolin, Triisostearin, Glycerin, Bentonite, PEG-8, VP/Polycarbamyl-Polyglycol Ester, Glyceryl Behenate, Perfluorononyl Dimethicone, Cetearyl Alcohol, Ceteth-20, Steareth-10, Butylene Glycol, Xanthan Gum, Citrus Aurantium Amara (Bitter Orange Peel) Extract, Fragrance (Parfum), Phenoxyethanol, Methylparaben, Butylparaben, Ethylparaben, Propylparaben, Isobutylparaben.

	W/W
PHASE A	
Deionized Water (Water)	26.10%
Kaolin ¹ #2747 Colloidal USP BC (Kaolin)	22.70%
PHASE B	
Glycerine	13.65%
PHENOXIDE E-400 ² (PEG 8)	4.55%
Bentonite ¹ #670 NF BC (Bentonite)	4.55%
PHASE C	
PELEMOL GTIS ² (Triisostearin)	14.55%
PECOSIL FSU-300 ² (Perfluorononyl Dimethicone)	0.70%
PELEMOL GMB ² (Glyceryl Behenate)	0.90%
PHENOXOL T ² (Cetearyl Alcohol (and) Steareth-30 (and) Ceteth-10)	2.30%
PHASE D	
PECOGEL H-1220 ² (VP/Polycarbamyl Polyglycol Ester)	7.25%
Euxyl K-300 ³ (Phenoxyethanol (and) Methylparaben (and) Butylparaben (and) Ethylparaben (and) Propylparaben (and) Isobutylparaben)	1.00%
Hydrorange ⁴ (Butylene Glycol (and) Citrus Aurantium Amara (Bitter Orange Peel) Extract (and) Xanthan Gum (and) Methylparaben)	1.00%
XBF-800062 Soothing Citrus ⁵ (Fragrance)	0.75%
TOTAL	100.00%

1. Brenntag
2. Phoenix Chemical, Inc.

3. Schuelke & Mayr 5. IFF
4. BASF

Continued >>

*Disclaimer on Reverse

INGREDIENT

PECOGEL H-1220
PELEMOL GTIS
PECOSIL FSU-300
PELEMOL GMB
PHOENOXOL T
PHOENOXIDE E-400

FUNCTION

Film Former, Skin Firmer
Emollient
Conditioner, Feel Optimizer, Emollient
Co-Emulsifier, Thickener
Emulsifier
Emulsifier/Humectant

PROCEDURE

Phase A: Into final container, charge water and disperse Kaolin with medium/high prop mixing at RT until uniform. A very thin dispersion is formed.

Phase B: In a separate container, charge liquids of **Phase B**. Start prop mixing at RT and sprinkle Bentonite. Mix for 15-20 min. until uniform.

Add **Phase B** to **Phase A**. Mix well. Heat **Phase AB** to 70-75°C on water bath.

Phase C: Into a separate container, melt **Phase C** ingredients at 70-75°C while mixing slowly until uniform. Add **Phase C** to **Phase AB** while medium/fast prop-mixing. Mix at temperature for 10-12 min.

Phase ABC: Switch to sweep-mixing and start cooling to 45-50°C while mixing at low/medium speed.

NOTE: In a lab-setting sweep-mixing may have to be assisted by side surface scraping to achieve homogeneity. Continue sweep-mixing while cooling to 45-50°C.

Phase D: Add ingredients separately to **Phase ABC**, allowing 3-5 min. of mixing time between additions. Continue sweep-mixing while cooling to 35-40°C.

SPECIFICATIONS

APPEARANCE	Opaque, Light Gray Brown, Thick, Cream Paste
ODOR	Clean, Fresh, Citrus
VISCOSITY (LV#4, 0.3rpm, 1min., @25°C/24hr)	1,000,000-1,500,000 cps
pH (@25°C)	7.0-7.5

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- What is it?** ULTIMATE FOAM PRODUCING MILD OPAQUE BODY SHAMPOO. UTILIZING **PHOENOMULSE™ CE-1**, AND **FOAM BURST** TECHNOLOGY. NON-FLAMMABLE, ZERO VOC, STANDARD PACKAGE, TRADITIONAL PROCESS.
- How do you use it?** Apply a liberal amount on wet skin with hands, pouf, or washcloth. Wait 5 sec. for foam to burst. Massage skin with creamy abundant lather. Foam volume will continue to grow at a fanatical rate. Rinse. Repeat, if needed. Replace cap immediately after use.
- Who should use it?** All foam fanatics.
- What does it do?** Produces stable foam at a fanatical rate and with fanatical volume while cleaning the skin. Foam texture is creamy and dense with fantastic cushion and volume.
- What's in it?** Water (Aqua), Methyl Perfluorobutyl Ether, Methyl Perfluoroisobutyl Ether, Saccharide Hydrolysate, Sodium Laureth Sulfate, Polyhydroxystearic Acid, Isononyl Isononanoate, Ethylhexyl Isononanoate, Sodium Cocamidopropyl PG-Dimonium Chloride Phosphate, Dimethicone PEG-7 Phosphate, Sodium Lauryl Sulfate, Glycerin, Chondrus Crispus (Carrageenan), Xanthan Gum, Citrus Aurantium Dulcis (Orange) Oil, Citrus Medica Limonum (Lemon) Peel Oil, Citrus Grandis (Grapefruit) Fruit Extract, Camellia Sinensis Leaf Extract, Fragrance (Parfum), Benzyl Alcohol (and) Methylchloroisoethiazolinone (and) Methylisothiazolinone.

	W/W
PHASE A	
Deionized Water (Water)	41.10%
Steol CS-130 ⁴ (Sodium Laureth Sulfate)	15.00%
Stepanol WA-Extra ⁴ (Sodium Lauryl Sulfate)	5.00%
PECOSIL PS-112⁵ (Dimethicone PEG-7 Phosphate)	1.75%
PHASE B	
Farmal 2656 HFCS ¹ (Hydrolyzed Corn Starch)	8.00%
Gelcarin PC 379 ² Chondrus Crispus (Carrageenan)	0.70%
Keltrol CG-T ³ (Xanthan Gum)	0.35%
PHASE C	
Euxyl K-100 ⁶ (Benzyl Alcohol (and) Methylchloroisoethiazolinone (and) Methylisothiazolinone)	0.10%
PHASE D	
PHOENOMULSE CE-1⁵ (Polyhydroxystearic acid (and) Isononyl Isononanoate (and) Ethylhexyl Isononanoate (and) Sodium Cocamidopropyl PG-Dimonium Chloride Phosphate (and) Methyl Perfluorobutyl Ether (and) Methyl Perfluoroisobutyl Ether)	28.00%
TOTAL	100.00%

1. Corn Products
2. Earth Supplied Products

3. CP Kelco
4. Stepan

5. **Phoenix Chemical, Inc.**
6. Schuelke & Mayr

Continued >>

*Disclaimer on Reverse

INGREDIENT

PHOENOMULSE™ CE-1
PECOSIL PS-112

FUNCTION

Foaming Agent, Foam Burst Technology
Foam Stabilizer/Anti-Irritant

PROCEDURE

PHASE A: Charge all ingredients into the main container. Holding temperature at 25°C, mix at slow/medium speed with wide, single or double prop shaft making sure no foam is generated. Mix until uniform and start heating to 75-80°C.

PHASE B: Charge all of **Phase B** ingredients into a separate container. At RT, prop mix **Phase B** for as long as it takes to thoroughly wet the polymers. Add **Phase B** to **Phase A** slowly but steadily while holding the temperature at 75-80°C. Mix at medium/fast speed for 25-30 min. or until uniform making sure the polymers are fully hydrated. Start cooling to 40-45°C. while mixing at slow/medium speed. The resulting gel (gum dispersion) should be sparkling clear!

PHASE C: Add the preservative to **Phase AB** while slow/medium mixing at 40-45°C with a prop. Mix until uniform and switch to side-sweep blade. Cool batch to 15-25°C.

PHASE D: (Make sure **PhenoMulse CE-1** had been stirred well to ensure homogeneity) While side-sweeping, add **Phase D** to **Phase ABC** while mixing slowly trying not to incorporate air into the product. Transfer batch into a sealed container minimizing the head space as much as possible.

SPECIFICATIONS

VISCOSITY (LV#4, 6rpm, 1min., @25°C/24hr)	15,000-30,000 cps
pH (@25°C/24hr)	5.0-6.0

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- What is it?** FOAMING SELF TANNER
- How do you use it?** Apply a moderately liberal amount on clean, dry skin. Let it foam. Enjoy for 10-30 min. Rinse and dry.
- Who should use it?** Anyone seeking to reduce the effects of sun exposure for tanning and also avoid being under the sun and yet be able to tan.
- What does it do?** Gives tanning to your skin without being in the sun. This formulation has mild surfactants and also has tanning activity with excellent emolliency from the select emollients. System is preserved with non-paraben preservatives.
- What's in it?** Water (Aqua), Sodium Laureth Sulfosuccinate, Sodium Lauryl Sulfoacetate, Dihydroxyacetone, Glyceryl Behenate, Cetyl Dimethicone, Dimethicone PEG -7 Phosphate, Polyhydroxystearic Acid, Isononyl Isononanoate, Ethylhexyl Isononanoate, Sodium Cocamidopropyl PG-Dimonium Chloride Phosphate, Methyl Perfluorobutyl Ether, Methyl Perfluoroisobutyl Ether, Phenoxyethanol, Chlorphenesin, Benzoic Acid, Butylene Glycol, Sorbic Acid.

	W/W
PHASE A	
Deionized Water (Water)	49.95%
Disodium EDTA	0.05%
PHASE B	
Stepan Mild SL3 BA ⁴	12.00%
Lathanol LAL ⁴ (Sodium Lauryl Sulfoacetate)	4.00%
PHASE C	
PECOSIL® PS-112¹ (Dimethicone PEG-7 Phosphate)	2.00%
Keltrol CG-T ² (Xanthan Gum)	0.40%
Gelcarin PC 379 ³ (Chondrus Crispus (Carrageenan))	0.10%
PHASE D	
PELEMOL® GMB¹ (Glyceryl Behenate)	3.00%
PELEMOL® CR¹ (Cetyl Ricinoleate)	1.00%
PELEMOL® AS-16¹ (Cetyl Dimethicone)	1.50%
PHASE E	
Germazide PSB ⁵ (Phenoxyethanol & Chlorphenesin & Benzoic Acid & Butylene Glycol & Sorbic Acid)	0.50%
PHASE F	
Deionized Water	12.00%
Dihydroxyacetone ⁶	6.00%
PHASE G	
PHOENOMULSE® CE-1¹ (Polyhydroxystearic Acid (and) Isononyl Isononanoate (and) Ethylhexyl Isononanoate (and) Sodium Cocamidopropyl PG-Dimonium Chloride Phosphate (and) Methyl Perfluorobutyl Ether (and) Methyl Perfluoroisobutyl Ether)	7.50%
PHASE H	
Citric Acid 20% Aqueous Solution (qs pH 5.3 – 5.7)	qs
TOTAL	100.00%

1. Phoenix Chemical, Inc.
2. CP Kelco

3. FMC
4. Stepan

5. BASF
6. EMD

Continued >>

*Disclaimer on Reverse

PROCEDURE

PHASE A: Charge **Phase A** ingredients into main vessel. Prop mix at medium speed until dissolved.

PHASE B: Add **Phase B** to **Phase A**, one ingredient at a time. Prop mix at medium speed while heating to 65-70°C. Avoid foaming. Mix for 15 min. at temperature or until homogeneous.

PHASE C: Charge liquid into a separate vessel and then quickly disperse the powders. Mix with fast prop agitation to achieve complete wetting. Do not wait too long after dispersing the powders. Delaying will stiffen this mixture. Once **Phase AB** is ready, add **Phase C** to **Phase AB** while holding the temperature. Adjust speed as necessary while holding the temperature at 65-70°C.

PHASE D: Into a separate vessel, charge **Phase D**. Prop-mix while heating to 72-77°C. Once uniform add **Phase D** to **Phase ABC** while prop-mixing at fast speed for 8-10 min. Homomix for 3-5 min. at low speed high shear and switch to sweep-mixing. Be careful to minimize foaming. Start cooling to 40-45°C.

PHASE E: Add **Phase E** to Phase **Phase ABCD** while sweep-mixing until uniform. Cool to 30-35°C.

PHASE F: In a separate vessel mix the components until complete solution using medium to fast prop mixing at RT of 25°C. Add **Phase F** to Phase **Phase ABCDE** with sweep-mixing. Cool to 25-28°C.

PHASE G: Add **Phase G** to **Phase ABCDEF** while sweep-mixing very slowly. Allow **PHOENOMULSE™ CE-1** to glide along the wall of the beaker rather than pouring it to minimize foaming. Make sure it is completely dispersed and the batch is homogeneous.

PHASE H: Adjust pH with **Phase H** solution to minimize foam development.

FEATURED INGREDIENTS

FUNCTION

PECOSIL PS-112

Feel modifier, detackifier, solubilizer, humectant and conditioning agent

PECOSIL® GMB

Emulsifier/co-emulsifier, emollient, thickener, adds creaminess and enhances foam

PELEMOL® CR

Emollient, skin softener smoothing agent, cushion provider, conditioner

PECOSIL® AS-16

Feel modifier, detackifier, spreading agent, conditioner, coupling agent

PHOENOMULSE™ CE-1

Foam Burst Technology component, self-foaming trigger mechanism, foaming agent.

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- What is it?** A NOVEL AND INNOVATIVE APPROACH TO SKIN TREATMENT COMBINING THE TECHNOLOGY OF **PHOENOMULSE CE-1** (CRYOGENICS) AND **PHOENOMULSE-100 NDS** (NANO DELIVERY SYSTEMS).
- How do you use it?** Apply a liberal amount on to skin. Spread to a thin and transparent film. Repeat three to four times daily.
- Who should use it?** Anyone seeking an efficacious anti-aging product.
- What does it do?** We anticipate that **Freeze Frame II** provides life extension and preservation to skin tissue by reducing metabolic rates and slowing down the aging process. Calms and soothes the skin, reduces appearance of fine lines and puffiness. Clears erythema caused by irritation or rosacea and neutralizes skin discolorations. Reduction of skin temperature 2-4°C over a 4 hour period.
- What's in it?** Water (Aqua), Methyl Perfluorobutyl Ether, Methyl Perfluoroisobutyl Ether, Saccharide Hydrolysate, Polyhydroxystearic Acid, Isononyl Isononanoate, Ethylhexyl Isononanoate, Sodium Cocamidopropyl PG-Dimonium Chloride Phosphate, Perfluorononyl Dimethicone, PVP/Polycarbamyl Polyglycol Ester, Polyquaterium-37 & Mineral Oil & PPG-1 Trideceth-6.

	W/W
PHASE A	
Deionized Water (Water)	21.00%
Farmal 1445 High Maltose Corn Syrup ¹ (Saccharide Hydrolysate)	22.00%
PECOGEL H-12² (PVP/Polycarbamyl Polyglycol Ester)	5.00%
PHASE B	
PHOENOMULSE-100² (INCI: Polyhydroxystearic Acid (and) Isononyl Isononanoate (and) Ethylhexyl Isononanoate (and) Sodium Cocamidopropyl PG-Dimonium Chloride Phosphate)	13.00%
PECOSIL FSL-300² (INCI: Perfluorononyl Dimethicone)	1.00%
PHASE C	
PHOENOMULSE CE-1² (INCI: Polyhydroxystearic Acid (and) Isononyl Isononanoate (and) Ethylhexyl Isononanoate (and) Sodium Cocamidopropyl PG-Dimonium Chloride Phosphate (and) Methyl Perfluorobutyl Ether (and) Methyl Perfluoroisobutyl Ether)	32.50%
PHASE D	
Salcare SC95 ⁴ (Polyquaternium-37 & Mineral Oil & PPG-1 Trideceth-6)	3.50%
TOTAL	100.00%

1. Corn Products 2. **Phoenix Chemical, Inc.** 3. Ciba Specialty Chemicals

Continued >>

*Disclaimer on Reverse

INGREDIENT

PHOENOMULSE-100
PECOSIL FSL-300
PECOGEL H-12
PHOENOMULSE CE-1

FUNCTION

SMA Emulsifier
Tactile Modifier
Long-Term Humectant
Cryogenic Active

PROCEDURE

The following procedure should be carried out within a temperature range of 15-35°C.

Combine ingredients of **Phase A** with low shear mixing until uniform. In a separate container, combine ingredients of **Phase B** with high speed, high shear mixing for 1-2 min., or pass through an inline homogenizer.

Add **Phase B** to **Phase A** with medium speed low shear mixing.

Add **Phase C** with medium speed, low shear mixing for 1-2 min., or pass through an inline homogenizer.

Add **Phase D** slowly with high speed high shear mixing or pass through homogenizer.

SPECIFICATIONS

APPEARANCE	White, Opaque Semi Solid
ODOR	Very Slight, Characteristic
VISCOSITY (LV#4, 6rpm, 1min., @25°C/24hr)	12000-24000 cps.
pH (@25°C)	5.5-6.5

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- What is it?** A MILD, FOAMING, EXFOLIATING BODY SCRUB, MEA, DEA, TEA, AND SULFATE FREE UTILIZING **PHOENOMULSE™ CE-1** AND **FOAM BURST** TECHNOLOGY.
- How do you use it?** Apply liberal amount to body surface (only). Massage for 10-20 sec. until an abundant and dense foam is achieved. Rinse with cool water.
- Who should use it?** Anyone seeking a mild, smoothing, foaming cleanser to rejuvenate their skin without exposure to sulfates and DEA.
- What does it do?** Renews, smoothes, stimulates, conditions, and moisturizes the body skin while cleansing with minimum irritation. Produces abundant, dense, and luxurious foam. Removes dead, unattractive skin and stimulates growth of new healthy tissue.
- What's in it?** Water (aqua), Saccharide Hydrolysate, Zea Mays (Corn) Cob Powder, Sodium Lauryl Glucosides Hydroxypropyl Sulfonate, Polyhydroxystearic acid, Isononyl Isononanoate, Ethylhexyl Isononanoate, Sodium Cocamidopropyl PG-Dimonium Chloride Phosphate, Methyl Perfluorobutyl Ether, Methyl Perfluoroisobutyl Ether, Disodium Laureth Sulfosuccinate, Juglans Regia (Walnut) Shell Powder, Dimethicone PEG-7 Phosphate, Citrus Aurantium Dulcis (Orange) Peel Powder, Citrus Aurantium Dulcis (Orange) Oil, Glycolic Acid, Xanthan Gum, Carrageenan, Benzyl Alcohol (and) Methyl-chloroisothiazolinone (and) Methylisothiazolinone, Fragrance (Parfum), Red 4 (CI 14700).

	W/W
PHASE A	
Deionized Water (Water)	44.70%
Suganate 160 ¹ (Sodium Lauryl Glucosides Hydroxypropyl Sulfonate)	10.00%
Colamate DSLS ¹ (Disodium Laureth Sulfosuccinate)	5.00%
PHASE B	
Enzose Hm Glucose 014420 ² (Saccharide Hydrolysate)	20.00%
Gelcarin PC 379 ³ (Chondrus Crispus (Carrageenan))	0.30%
Keltrol CG-T ⁴ (Xanthan Gum)	0.20%
PHASE C	
Glypure High Purity ⁵ (Glycolic Acid 70%)	0.75%
PECOSIL PS-112 ⁶ (INCI: Dimethicone PEG-7 Phosphate)	1.00%
XBF-800008 Cranorange Sparkle ⁷ (Fragrance)	0.20%
Orange Oil ⁸ (Citrus Aurantium Dulcis (Orange) Oil)	0.10%
Tea Tree Oil ⁹ (Melaleuca Alternifolia (Tea Tree) Leaf Oil)	0.05%
FD&C Red #4 0.5% (Red 4)	0.10%
Euxyl K-100 ¹⁰ (Benzyl Alcohol (and) Methylchloroisothiazolinone (and) Methylisothiazolinone)	0.10%
PHOENOMULSE CE-1 ⁶ (INCI: Polyhydroxystearic Acid (and) Isononyl Isononanoate (and) Ethylhexyl Isononanoate (and) Sodium Cocamidopropyl PG-Dimonium Chloride Phosphate (and) Methyl Perfluorobutyl Ether (and) Methyl Perfluoroisobutyl Ether)	5.00%
Corn Cob Grit 60+ ³ (Zea Mays (Corn) Cob Powder)	9.00%
Walnut shell powder AD-10.5 ⁹ (Juglans Regia (Walnut) Shell Powder)	1.00%
Walnut Shell Powder AD-6B ⁹ (Juglans Regia (Walnut) Shell Powder)	0.50%
Orange Exfoliator 2000 ⁹ (Citrus Aurantium Dulcis (Orange) Peel Powder)	0.50%
TOTAL	100.00%

1. Colonial Chemical

2. Corn Products

3. Earth Supplied Products

4. CP Kelco

5. DuPont

 6. **Phoenix Chemical, Inc.**

7. IFF

8. Florida Chemical

9. International Sourcing

10. Schuelke & Mayr

Continued >>
**Disclaimer on Reverse*

INGREDIENT

PHOENOMULSE™ CE-1
PECOSIL PS-112

FUNCTION

Foam Producer
Foam Stabilizer/Anti-Irritant

PROCEDURE

Combine ingredients of **Phase A** and mix with low shear mixing at 25-35°C until uniform.

Combine ingredients of **Phase B** in a separate container and mix with low shear mixing until uniform. Add **Phase B** to **Phase A** using medium speed prop-type mixing. Heat to 85-90°C while mixing, then hold at 85-90°C for 5 min.

Cool **AB** to 40°C and add ingredients of **Phase C** one at a time with low speed, low shear mixing. Mix until uniform.

SPECIFICATIONS

APPEARANCE	Opaque, Brown, Textured Semi-Solid
ODOR	Orange Walnut
VISCOSITY (LV#3, 6rpm, 1min., @25°C/24hr)	40,000-60,000
pH (@25°C)	3.0-4.0

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- What is it?** AN ANHYDROUS MINERAL OIL FREE EXFOLIATING BODY SCRUB
- How do you use it?** Massage a liberal amount on wet skin with a washcloth for 30-60 sec. using light pressure, rinse and dry. Do not use on the face or other sensitive body areas.
- Who should use it?** Anyone seeking to smooth the severe rough spots; such as elbows, knees, feet, legs, back.
- What does it do?** Provides exfoliation and purification of severe rough skin surfaces. Leaves skin feeling smooth and silky.
- What's in it?** Sea Salt, Dimethicone, Cyclomethicone, Phenyltrimethicone, Trimethylsiloxysilicate, Isononyl Isononanoate, Ethylhexyl Isononanoate, Olea Europaea (Olive) Fruit Oil, Melaleuca Alternifolia (Tea Tree) Leaf Oil, Mica, Iron Oxides.

PHASE A	W/W
PECOSIL G¹ (Dimethicone (and) Cyclomethicone (and) Phenyl Trimethicone (and) Trimethylsiloxysilicate)	32.00%
PELEMOL 899¹ (Isononyl Isononanoate (and) Ethylhexyl Isononanoate)	2.60%
Cropure Olive ² (Olea Europaea (Olive) Fruit Oil)	0.25%
Tea Tree Oil ³ (Melaleuca Alternifolia (Tea Tree) Leaf Oil)	0.10%
Colorona Glitter Bronze ⁴ (Mica (and) Iron Oxides)	0.05%
Regular Fine Dead Sea Salt ³ (Sea Salt)	65.00%
TOTAL	100.00%

INGREDIENT

PECOSIL G

PELEMOL 899

FUNCTION

Smoothing Agent

Conditioning Agent

PROCEDURE

Blend ingredients from **Phase A** in order listed, with a side sweep type mixer and kettle. Do not aerate.

SPECIFICATIONS

APPEARANCE

Amber Glitter, Slurry

ODOR

Characteristic

1. Phoenix Chemical, Inc.

2. Croda

3. ISI

4. Rona

**Disclaimer on Reverse*



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- What is it?** FOAMING RINSE-OFF FACE MASK
- How do you use it?** Apply a liberal amount on clean, dry face. Let it foam. Enjoy for 10-30 min. Rinse and dry.
- Who should use it?** Anyone seeking to reduce the effects of aging without the use of surgery.
- What does it do?** Immediately rejuvenates the skin by moisturizing, tightening, and exfoliating. Skin is left with a smoother, firmer, more radiant appearance. Reduction of fine lines and wrinkles can be observed after repeated use.
- What's in it?** Water (Aqua), Kaolin, Triisostearin, Glycerin, Bentonite, PEG 8, Polycarbamyl Polyglycol Ester, Sodium Laureth-3 Sulfosuccinate, Glyceryl Behenate, Perfluorononyl Dimethicone, Cetearyl Alcohol, Steareth-30, Ceteth-10, Phenoxyethanol, Chlorphenesin, Benzoic Acid, Butylene Glycol, Sorbic Acid.

	W/W
PHASE A	
Deionized Water (Water)	11.25%
Kaolin ¹ #2747 Colloidal USP BC (Kaolin)	15.00%
PHASE B	
Glycerine (USP)	10.00%
PHOENOXIDE E-400 ² (PEG 8)	5.00%
Bentonite ¹ #670 NF BC (Bentonite)	5.00%
PHASE C	
Stepan Mild SL3-BA ³ (Sodium Laureth-3 Sulfosuccinate)	5.00%
PECOGEL H-12 ² (VP/Polycarbamyl Polyglycol Ester)	10.00%
PHASE D	
PELEMOL GTIS ² (Triisostearin)	16.00%
PECOSIL FSU-300 ² (Perfluorononyl Dimethicone)	0.75%
PELEMOL GMB ² (Glyceryl Behenate)	0.75%
PHOENOXOL T ² (Cetearyl Alcohol (and) Steareth-30 & Ceteth-10)	1.50%
PHASE E	
PHOENOMULSE CE-1 ² (Polyhydroxystearic Acid (and) Isononyl Isononaoate (and) Ethylhexyl Isononanoate (and) Sodium Cocamidopropyl PG-Dimonium Chloride Phosphate (and) Methyl Perfluorobutyl Ether (and) Methyl Perfluoroisobutyl Ether)	15.00%
PHASE F	
Germazide PSB ⁴ (Phenoxyethanol (and) Chlorphenesin (and) Benzoic Acid (and) Butylene Glycol (and) Sorbic Acid)	1.00%
TOTAL	100.00%

1. Whittaker, Clark & Daniels

2. Phoenix Chemical, Inc.

3. Stepan

4. BASF

Continued >>

*Disclaimer on Reverse

INGREDIENT

PECOGEL H-12
PELEMOL GTIS
PECOSIL FSU-300
PELEMOL GMB
PHOENOXOL T

FUNCTION

Film Former, Skin Firmer
Moisturizer
Conditioner
Emulsifier
Emulsifier

PROCEDURE

Blend ingredients from **Phase A** in order listed, with medium shear (prop type mixer and kettle) at 20-30°C. Kaolin must be completely dispersed to give a uniform thin fluid dispersion.

Blend separately ingredients from **Phase B** except Bentonite. Then add Bentonite with medium shear mixer (prop type). Mix for 15-30 min. at 30-40°C until completely dispersed and uniform.

Combine **Phase A** and **Phase B**. Mix for 5-10 min. with medium shear (prop type). Heat to 70-75°C while mixing.

Add **Phase C** ingredients in the order to **Phase AB** using medium shear mixer (prop and side sweep). Mix slowly for 5-10 min. Bring **ABC** to 70-75°C.

Separately combine ingredients from **Phase D** and heat to 70-75°C. Mix slowly with a low shear mixer for 5-10 min.

Add **Phase D** to **Phase ABC** using medium shear mixer (prop and side sweep). Mix slowly for 10-15 min. Cool to 30°C with medium shear mixing.

Add **Phase E** to **Phase ABCD** with slow, low shear mixing. Mix for 10-15 min. Add **Phase F** to **Phase ABCD** with slow low shear mixing.

SPECIFICATIONS

APPEARANCE	Opaque, Light Gray, Brown, Thick, Shiny, Cream
ODOR	Clean, Fresh, Clay
VISCOSITY (LV#4, 6rpm, 1min., @25°C/24hr)	30,000-50,000 cps
pH (@25°C)	7.0-7.5

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- What is it?** AN ULTRA SHEER OIL FREE, CHEMICAL SUNSCREEN FREE, WATER RESISTANT, SAND-PROOF, FACE AND BODY UVB SUNSCREEN.
- How do you use it?** Apply to dry clean skin and massage until transparent.
- Who should use it?** Anyone desiring an ultra-light, non-oily, silky-smooth sunscreen lotion; especially those sensitive to oils.
- What does it do?** Provides a sun protection factor of 30 without the greasy, shiny, and tacky properties associated with conventional sunscreens.
- What's in it?** Dimethicone, Cyclomethicone, Phenyl Trimethicone, Trimethylsiloxysilicate, C 12-15 Alkyl Benzoate, Isododecane, Alumina, Methicone, Polyhydroxystearic Acid.

ACTIVE INGREDIENTS: Titanium Dioxide 10%

PHASE A		W/W
PECOSIL G ¹ (INCI: Dimethicone (and) Cyclomethicone (and) Phenyl Trimethicone (and) Trimethylsiloxysilicate)		65.00%
Permethyl 99A ² (Isododecane)		10.00%
TNP50T7 ³ (C 12-15 Alkyl Benzoate (and) Titanium Dioxide (and) Alumina (and) Methicone (and) Polyhydroxystearic Acid.		25.00%
TOTAL		100.00%

INGREDIENT

PECOSIL G

FUNCTION

Pigment Stabilizer, Tactile Modifier, Visible Light Optimizer

PROCEDURE

Combine **Phase A** ingredients, in order listed, with high shear mixing. Do not aerate and maintain temperature between 20-30°C. Mix until uniform.

SPECIFICATIONS

APPEARANCE	White, Thick, Shiny, Cream
ODOR	Practically Odorless
VISCOSITY (LV#4, 6rpm, 1min., @25°C/24hr)	25-35,000 cps

1. Phoenix Chemical, Inc.

2. Presperse

3. Kobo Products

**Disclaimer on Reverse*



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- What is it?** AN ULTRA SHEER OIL FREE, ALCOHOL FREE, CHEMICAL SUNSCREEN, WATER RESISTANT, SAND-PROOF, UVA & UVB SUNSCREEN.
- How do you use it?** Apply to dry clean skin and massage until uniformly spread.
- Who should use it?** Anyone desiring an ultra-light, non-oily, silky-smooth sunscreen; especially those sensitive to alcohol and oils.
- What does it do?** Provides a Sun Protection Factor of 25+ without the greasy, and tacky properties associated with conventional sunscreens.
- What's in it?** Phenyltrimethicone, Isononyl Isononanoate, Ethylhexyl Isononanoate, Dimethicone, Cyclomethicone, Trimethylsiloxysilicate.

ACTIVE INGREDIENTS: Homosalate 8%, Octocrylene 6%, Octinoxate 7.5%, Octisalate 4%, Avobenzone 1.5%.

	W/W
PHASE A	
Neoheliopan HMS ¹ (USAN: Homosalate)	8.00%
Neoheliopan 303 ¹ (USAN: Octocrylene)	6.00%
Neoheliopan AV ¹ (USAN: Octinoxate)	7.50%
Neoheliopan OS ¹ (USAN: Octisalate)	4.00%
Neoheliopan 357 ¹ (USAN: Avobenzone)	1.50%
PELEMOL 899²	30.00%
PHASE B	
PECOSIL G²	5.00%
PHASE C	
Phenyl Trimethicone	38.00%
TOTAL	100.00%

INGREDIENT

FUNCTION

PELEMOL[®] 899

Solvent/Vehicle

PECOSIL[®] G

Film Former, Water-proofing Agent

PROCEDURE

Combine ingredients of **Phase A** in a beaker and mix with a prop type mixer (medium speed) at 45-50°C until uniform. Mix until uniform. Cool to room temperature.

Add **Phase B** to **Phase A** while mixing at medium speed with a prop type mixer until uniform. Add **Phase C** and mix until uniform.

1. Symrise

2. Phoenix Chemical, Inc.

**Disclaimer on Reverse*



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Trade Name	CTFA Name	Company	Percent
A Distilled Water	Water	House	40.15
A Butylene Glycol	Butylene Glycol	House	2.00
A Allantoin	Allantoin	House	0.10
A Versene NA	Disodium EDTA	Dow Chemical	0.20
A Methyl Paraben	Methyl Paraben	House	0.30
B PELEMOL P-49	Pentaerythrityl Tetraisononanoate	Phoenix Chemical	7.00
B Arlacel 165	Glyceryl Stearate, PEG-100 Stearate	Croda	8.00
B DC 200/10cs	Dimethicone	Dow Corning	3.00
B Lanette O	Cetearyl Alcohol	Cognis	2.00
B PELEMOL II	Isostearyl Isostearate	Phoenix Chemical	2.00
B Tween 60	Polysorbate 60	Croda	0.80
B Propyl Paraben	Propyl Paraben	House	0.20
C DC65ZCI	Zinc Oxide, Cyclomethicone PEG/PPG-18/18 Dimethicone Dimethicone	Kobo	4.00
C DC45TS	Titanium Dioxide, Cyclomethicone, Polyglyceryl-6 Polyricinoleate, Stearic Acid, Aluminum Hydroxide	Kobo	5.00
C Parsol MCX	Ethylhexyl Methoxycinnamate	Roche	5.45
C Uvinol M-40	Benzophenone-3	BASF	4.00
C Escalol 587	Ethylhexyl Salicylate	ISP	4.00
C Escalol 597	Octocrylene	ISP	5.00
D GIOVAREZ BTB-50	Isododecane (and) Behenyl Methacrylate/t-Butyl Methacrylate Copolymer	Phoenix Chemical	6.00
E Germaben II	Propylene Glycol, Diazolidinyl Urea, Methyl Paraben, Propyl Paraben	ISP	0.80
TOTAL			100.00

Procedure

Heat **Phase A** to 75-80°C. Heat **Phase B** in separate vessel to 75-89°C. Premix **Phase C** and mix until uniform. (homomix) Once uniform add **Phase C** to **Phase B** and **Phase D** to **Phase BC**. Maintain temperature of **Phase BCD** of 75-80°C. Add **Phase BCD** to **Phase A** with homomixing. Mix 5 min. Begin sweep-mixing and cool batch to 50°C. Add **Phase E** to batch. Cool to 30-35°C drop batch.

Ingredient

PELEMOL P-49

PELEMOL II

GIOVAREZ BTB-50

Function

Silky Smooth Ester with Shine

Light and Dry Emollient

Film Former for Long Wear Color Smudge Resistance

**Disclaimer on Reverse*



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Trade Name	CTFA Name	Company	Percent
A Distilled Water	Water	House	40.15
A Butylene Glycol	Butylene Glycol	House	2.00
A Allantoin	Allantoin	House	0.10
A Versene NA	Disodium EDTA	Dow Chemical	0.20
A Methyl Paraben	Methyl Paraben	House	0.30
B PELEMOL P-49	Pentaerythrityl Tetraisononanoate	Phoenix Chemical	8.00
B Arlacel 165	Glyceryl Stearate, PEG-100 Stearate	Croda	8.00
B DC 200/10cs	Dimethicone	Dow Corning	3.00
B Lanette O	Cetearyl Alcohol	Cognis	2.00
B PELEMOL ICB	Isocetyl Behenate	Phoenix Chemical	1.00
B Tween 60	Polysorbate 60	Croda	0.80
B Propyl Paraben	Propyl Paraben	House	0.20
C DC65ZCI	Zinc Oxide, Cyclomethicone PEG/PPG-18/18 Dimethicone Dimethicone	Kobo	4.00
C DC45TS	Titanium DiOxide Cyclomethicone Polyglyceryl-6 Polyricinoleate Stearic Acid Aluminum Hydroxide	Kobo	5.00
C Parsol MCX	Ethylhexyl Methoxycinnamate	Roche	5.45
C Uvinol M-40	Benzophenone-3	BASF	4.00
C Escalol 587	Ethylhexyl Salicylate	ISP	4.00
C Escalol 597	Octocrylene	ISP	5.00
D GIOVAREZ BTB-50	Isododecane (and) Behenyl Methacrylate/t-Butyl Methacrylate Copolymer	Phoenix Chemical	6.00
E Germaben II	Propylene Glycol, Diazolidinyl Urea, Methyl Paraben, Propyl Paraben	ISP	0.80
TOTAL			100.00

Procedure:

Heat **Phase A** to 75-80°C. Heat **Phase B** in separate vessel to 75-89°C. Premix **Phase C** and mix until uniform, (homomix). Once uniform add **Phase C** to **Phase B** and **Phase D** to **Phase BC**. Maintain temperature of **Phase BCD** of 75-80°C. Add **Phase BCD** to Phase A with homomixing. Mix 5 min. Begin sweep-mixing and cool batch to 50°C. Add **Phase E** to batch. Cool to 30-35°C drop batch.

Ingredient**PELEMOL P-49****PELEMOL ICB****GIOVAREZ BTB-50****Function**

Silky Smooth Ester with Shine

Light Silky Ester

Film Former for Longwear Color Transfer Resistance

**Disclaimer on Reverse*



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- What is it?** A MILD, NATURAL DERIVED, SULFATE FREE, ACTIVE FOAMING, MOISTURIZING FACIAL CLEANSER UTILIZING **PHOENOMULSE CE-1** AND **FOAM BURST** TECHNOLOGY. NON-FLAMMABLE, ZERO VOC, STANDARD PACKAGE, TRADITIONAL PROCESS.
- How do you use it?** Apply a liberal amount on wet skin with hands, pouf, or washcloth. Wait 5 sec. for foam to burst. Massage skin with creamy abundant lather. Foam volume will continue to grow to a creamy lather. Repeat as necessary. Replace cap after use.
- Who should use it?** Anyone seeking an ultra mild, sulfate-free skin cleanser.
- What does it do?** Produces copious levels of self-generating sulfate-free foam while moisturizing and hydrating with rich humectants and conditioners to cleanse the skin without causing irritation associated with sulfate-based conditioners.
- What's in it?** Water (Aqua), Polyhydroxystearic Acid, Isononyl Isononanoate, Ethylhexyl Isononanoate, Sodium Cocamidopropyl PG-Dimonium Chloride Phosphate, Methyl Perfluorobutyl Ether, Methyl Perfluoroisobutyl Ether, Decyl Glucoside, Dipentaerythrityl Tetrabeheenate/Polyhydroxystearate, Saccharide Hydrolysate, Chondrus Crispus (Carrageenan), Xanthan Gum, Fragrance (Parfum), Benzyl Alcohol (and) Methylchloroisothiazolinone (and) Methylisothiazolinone, Glycolic Acid.

	W/W
PHASE A	
Deionized Water (Water)	55.59%
PHASE B	
Farmal 2656 ¹ (Saccharide Hydrolysate)	8.00%
Gelcarin PC 379 ² (Chondrus Crispus (Carrageenan))	0.80%
Keltrol CG-T ³ (Xanthan Gum)	0.40%
PHASE C	
Plantaren 2000 NUP ⁴ (Decyl Glucoside)	10.00%
Glypure 70% ⁵ (Glycolic Acid)	0.01%
PHASE D	
PELEMOL DP-144B⁶ (Dipentaerythrityl Tetrabeheenate/Polyhydroxystearate)	10.00%
Euxyl K-100 ⁷ (Benzyl Alcohol (and) Methylchloroisothiazolinone (and) Methylisothiazolinone) XBF-800411	0.10%
Grapefruit Rush ⁸ (Fragrance)	0.10%
PHASE E	
PHOENOMULSE™ CE-1⁶ (INCI: Polyhydroxystearic Acid (and) Isononyl Isononanoate (and) Ethylhexyl Isononanoate (and) Sodium Cocamidopropyl PG-Dimonium Chloride Phosphate (and) Methyl Perfluorobutyl Ether (and) Methyl Perfluoroisobutyl Ether).	15.00%
TOTAL	100.00%

1. Corn Products
2. Earth Supplied Products
3. CP-Kelco

4. Cognis
5. Dupont
6. **Phoenix Chemical, Inc.**

7. Schuelke & Mayr
8. IFF

Continued >>

**Disclaimer on Reverse*

INGREDIENT

PHOENOMULSE CE-1
PELEMOL DP-144B

FUNCTION

Foaming Agent, Foam Burst Technology
Foam Accelerator/Humectant Moisturizer

PROCEDURE

Combine ingredients of **Phase B** in a beaker and hand mix until uniform at 20-25°C.

Do not aerate.

Slowly add **Phase B** to **Phase A** under low speed, low shear mixing (1100 RPM) at 20-30°C. Do not aerate.

Heat **AB** to 85-90°C under low speed, low shear mixing (1000 RPM). Hold at 85-90°C for 5-10 min.

Do not aerate.

Neutralize **Phase C** with glycolic acid to pH 5.5-6.5. Add **Phase C** to **Phase AB** under low speed, low shear mixing at 30-40°C. Do not aerate.

Add ingredients of **Phase D** one at a time, with low speed, low shear mixing at 30-40°C. Mix until uniform, do not aerate. Cool **Phase ABCD** to 15-25°C.

Add **Phase E** to **ABCD** under low speed, low shear mixing. Mix until uniform, do not aerate. QS with water.

SPECIFICATIONS

APPEARANCE

Thick, Opaque Liquid

ODOR

Grapefruit

VISCOSITY (LV#4, 6rpm, 1min., @20°C)

10,000-20,000 cps

pH (@20°C)

5.5-6.5

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- What is it?** A CLEAR, CLEAN RINSE CONDITIONING AND MOISTURIZING BODY CLEANSER. DEA, MEA, TEA AND SOAP FREE.
- How do you use it?** Massage a liberal amount on wet skin with a pouf or washcloth until a rich abundant lather is observed. Enjoy the conditioning lather for a minute or two, then rinse. Repeat, if necessary until a satisfying skin feel is achieved.
- Who should use it?** Anyone seeking a smooth and silky after shower feel without the heavy greasy build up of shower cream type products. Those who wish to cleanse with a mild pH balanced soap alternative.
- What does it do?** Provides moderate moisturization with superior conditioning while cleansing the skin.
- What's in it?** Water (Aqua), Sodium Laureth Sulfate, Sodium Cocoyl Glutamate, Sodium Cocamidopropyl PG-Dimonium Chloride Phosphate, Disodium Laureth Sulfosuccinate, PEG-120 Methyl Glucose Dioleate, Perfluorononyl ethyl Carboxydecyl PEG-10 Dimethicone, Steardimonium Hydroxypropyl Panthenyl PEG-7 Dimethicone Phosphate Chloride, PEG-40 Hydrogenated Castor Oil, Fragrance (Parfum), Methylidibromo Glutaronitrile, Phenoxyethanol, Blue 1 (CI 42090), Sodium Chloride.

	W/W
PHASE A	
Deionized Water (Water)	20.00%
Sulfochem ES-1 (Sodium Laureth Sulfate)	60.00%
Chemccinate DSLS ¹ (Disodium Laureth Sulfosuccinate)	5.00%
PHOENOTAINE C-35² (INCI: Sodium Cocamidopropyl PG-Dimonium Chloride Phosphate)	6.00%
Aminosoft CS-11 ³ (Sodium Cocoyl Glutamate)	
Glucamate DOE-120 ¹ (PEG-120 Methyl Glucose Dioleate)	3.50%
PECOSIL PAN-418² (INCI: Steardimonium Hydroxypropyl Panthenyl PEG-7 Dimethicone Phosphate Chloride)	0.75%
	1.00%
PHASE B	
PECOSIL FDM-30² (INCI: Perfluorononyl ethyl Carboxydecyl PEG-10 Dimethicone)	0.75%
PHOENOXIDE HCO-40² (INCI: PEG-40 Hydrogenated Castor Oil)	0.10%
XBF-800060 Gingerspice ⁴ (Fragrance)	0.75%
PHASE C	
Euxyl K-400 ⁵ (Methylidibromo Glutaronitrile (and) Phenoxyethanol)	0.10%
FD&C Blue #1, 0.5% aqua (Blue 1)	0.10%
Sodium Chloride USP (Sodium Chloride)	0.75%
TOTAL	100.00%

1. Noveon

2. Phoenix Chemical, Inc.

3. Ajinomoto

4. IFF

5. Schuelke & Mayr

Continued >>

*Disclaimer on Reverse

INGREDIENT

PHOENOTAINÉ C-35

PECOSIL FDM-30

PECOSIL PAN-418

PHOENOXIDE HCO-40

FUNCTION

Foam Stabilizer/Conditioning Agent

Conditioning Agent

Conditioning Agent

Emulsifier

PROCEDURE

Combine **Phase A** and heat to 60-65°C with low shear slow mixing. Mix until uniform (15-20 min.). Do not aerate. Cool to 40-45°C.

Combine **Phase B** and mix with low shear slow mixing. Mix until uniform (5-10 min. at 20°C).

Slowly add **Phase B** to **Phase A** with medium shear slow mixing. Mix until clear. Do not aerate.

Add ingredients of **Phase C** to **Phase AB** with slow mixing. Wait 5 min. between additions.

Adjust viscosity with sodium chloride (add up to 2.5% total). QS with water.

SPECIFICATIONS

APPEARANCE

Clear, Light-Blue, Free Flowing, Gel

ODOR

Ginger

VISCOSITY (LV#3, 6rpm, 1min., @20°C)/24hrs.

10,000-18,000 cps

pH (@20°C)

5.0-6.0

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