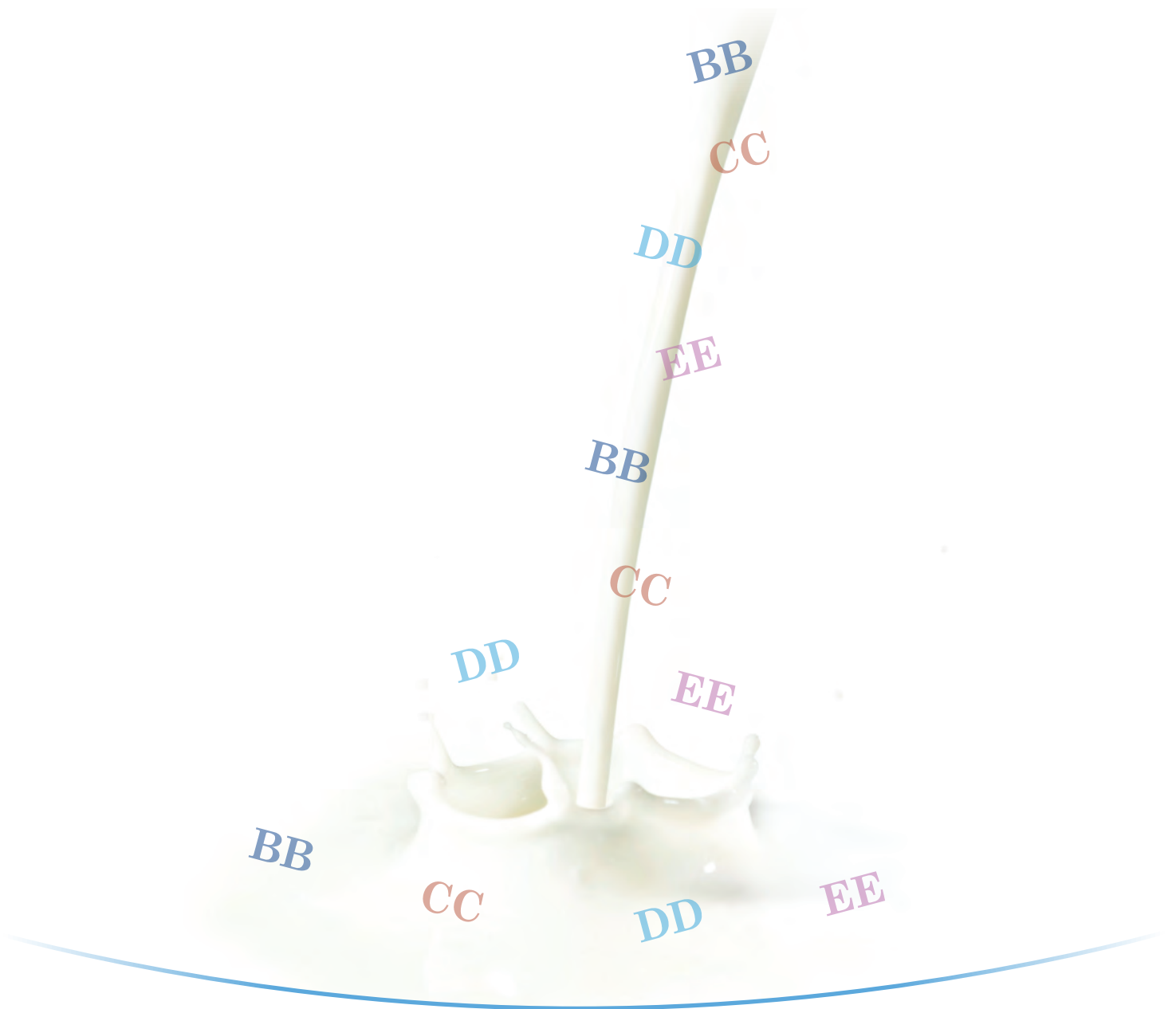




*Trends in*  
**Alphabet Chemistry**





## Trendy Alphabet Creams

These creams are all similar to tinted moisturizers; however these “magic remedies” combine effects of tinted creams with skin-nourishing benefits. Many formulas act as primers, anti-inflammatories, UVA/UVB protection, anti-aging serums, skin rejuvenators and tone-evening correctors. Each product provides different features and benefits.

## **BB = Beauty Balm or Beauty Blemish**

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BB creams are all-in-one face creams that replace the need for a separate serum, moisturizer, primer, foundation and sun block. They can be called concealers with skin care benefits. The obvious function is to combat blemishes usually offering light coverage. BB cream can also moisturize, contain anti-aging ingredients, and have UVA/UVB protection.

## **CC = Color correction**

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Color correction creams use ingredients such as, magnesium ascorbyl phosphate and niacinamide to help reduce discoloration with regular use. CC creams usually provide all the benefits of BB creams, in addition to providing better coverage and a uniform color in a variety of shades, also helps to diminish fine lines and wrinkles. The CC variation is a lighter, fluffier texture and with a higher SPF. Skin care with color benefit in different skin tones that offer moisturizing as well as combating scars and blemishes.

## **DD = Daily Defense or Dynamic-Do all**

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DD cream doesn't necessarily make your skin look perfect when you put it on; they were developed to deal with the tougher areas of your body, for example your feet. Kicking it up a level, they seem to be emerging as a heavy duty richer in texture cream to act as a perfect moisturizer for feet, knees, elbows and cracked heels. They promise to soften tough dry skin, provide help in reducing the appearance of stretch marks, and focus on skin discoloration. Many different functions are considered to make them stand out from their counterparts BB and CC creams. One can aim at sun defense and environmental stress using sun block, self-tanners, anti-oxidants, anti-inflammatories, vitamins, reducing body blemishes, all natural esters for moisturization, and occlusive esters for intensive moisturization.

## **EE = Early Elimination**

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EE Renewing products fall into the category of skin exfoliation. A clear gentle cleansing exfoliating scrub for clean and healthy looking skin and an extremely lubricious moisturizing exfoliating cream to invigorate, freshen and soften your skin.

## **HH = Healthy Heals / Healthy Hair**

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Skipping ahead in the alphabet to HH, the focus for HH is Healthy Heals for extreme moisturization for dry, cracked heels to bring your often neglected rough skin back to life. HH also focuses on Healthy Hair to moisturize and condition dry depleted hair.

## **ZZ = Night Cream**

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Moving on to the end of the alphabet, ZZ cream is a night cream that calms and soothes the skin as well as hydrates. It also features a blend of esters that provide excellent skin spreadability and a luxurious after feel.

**Phoenix Chemical Inc.** features many products that can be incorporated into these alphabet creams that alter and enhance the texture. These **PELEMOL® ESTERS** deliver a variety of esthetic properties including light and silky to lubricious and substantive.

<b>Esters</b>	<b>INCI Names</b>	<b>Characteristics</b>
Pelemol 168	Cetyl Ethylhexanoate	Very Light
Pelemol 899	Isononyl Isononanoate & Ethylhexyl Isononanoate	Light & cushiony
Pelemol BIP-PC	Butylphthalimide & Isopropylphthalimide	Dry-satiny slip
Pelemol C25EH	C12-15 Alkyl Ethylhexanoate	Light & dry
Pelemol CA	Cetyl Acetate	Light & lubricious
Pelemol DISA	Diisostearyl Adipate	Light
Pelemol DISD	Diisostearyl Dimer Dilinoleate	Substantive
Pelemol DISM	Diisostearyl Malate	Substantive
Pelemol EE	Octyldodecyl Erucate	Light & dry, with cushion
Pecosil G-5	Dimethicone/Phenyl Methicone/ Poly(C30-45 Olefin)	Dry & Silky
Pelemol G7A	Glycereth-7 Triacetate	Light & silky
Pelemol GTIS	Triisostearin	Lubricious
Pelemol GTO	Triethylhexanoin	Substantive
Pelemol ICB	Isocetyl Behenate	Lubricious
Pelemol MAR	Methyl Acetyl Ricinoleate	Light & dry
Pelemol NPGDD	Neopentylglycol/Dicaprate/Dicaprylate	Light
Pelemol ODL	Octyldodecyl Lactate	High cushion
Pelemol OL	Oleyl Lactate	Silky
Pelemol OP	Ethylhexyl Palmitate	Non-oily & soft
Pelemol P-99	Propanediol Dipelargonate	Dry
Pelemol P-810	Propanediol Dicaprylate/Caprate	Ultra dry
Pelemol TDE	Tridecyl Erucate	Substantive
Pelemol TMPIS	Trimethylolpropane Triisostearate	High cushion
Pelemol TMPO	Trimethylolpropane Triethylhexanoate	Med to light

*Additional products at: [www.phoenix-chem.com](http://www.phoenix-chem.com)*

# Beauty Blemish Cream (BB Cream) AX-47-332

Trade Name	INCI Name	Company	Percent
A Deionized Water	Water		50.20
<b>A PhenoXol BD 10P</b>	<b>PPG-10 Butandiol</b>	<b>Phoenix Chemical</b>	5.00
A Keltrol T	Xanthan Gum	Kelco	0.20
A Natrosol 330CS	Cetyl Hydroxyethylcellulose	Hercules	0.10
B Titanium Dioxide	Titanium Dioxide	Sun Chemical	6.50
B Yellow Iron Oxide	Yellow Iron Oxide	Sun Chemical	1.50
B Red Iron Oxide	Red Iron Oxide	Sun Chemical	0.80
B Black Iron Oxide	Black Iron Oxide	Sun Chemical	0.40
B Mica	Mica	Sun Chemical	2.80
C Boron Nitride	Boron Nitride	Momentive	1.00
D Simulgreen 18-2	Hydroxystearyl Alcohol, Hydroxystearyl Glucoside	Seppic	1.50
D Montanov 202	Arachidyl Alcohol, Behenyl Alcohol, Arachidyl Glucoside	Seppic	1.50
D Lipo GMS 450	Glyceryl Stearate	Lipo Chemical	0.25
<b>D Pelemol 899</b>	<b>Isononyl Isononanoate, Ethylhexyl Isononanoate</b>	<b>Phoenix Chemical</b>	5.00
<b>D Pelemol ICB</b>	<b>Isocetyl Behenate</b>	<b>Phoenix Chemical</b>	5.00
<b>D Pelemol C25EH</b>	<b>C12-15 Alkyl Ethylhexanoate</b>	<b>Phoenix Chemical</b>	5.00
D Neo Heliopan HMS	Homosalate	Symrise	5.00
D Neo Heliopan AV	Octinoxate	Symrise	5.00
E Simulgel 600	Acrylamide/Sodium Acryloyldimethyl Taurate Copolymer	Seppic	0.50
F Matrixyl Synthe' 6	Glycerin, Water, Hydroxypropyl Cyclodextrin, Palmitol Tripeptide-38	Sederma	2.00
G AE Preservative	Phenoxyethanol, Capryloyl Glycine, Undecylenoyl Glycine	AE Chemie	0.75
			100.00

**Procedure:** Heat water to 70-75C and add PhenoXol BD-10P mixing gently until uniform. Slowly add Natrosol and Keltrol and mix until thoroughly swelled. Pulverize pre-mixed **Phase B** and add to **Phase A** homogenizing phases together. Add **Phase C** into **Phases A/B** and homomix until uniform. Combine ingredients in **Phase D** and heat to 70-75C. When temperatures of **Phases A/B/C** and **Phase D** reach 70-75C, add **Phase D** into **Phases A/B/C** with side sweep agitation. Homomix batch for 10 minutes. Add **Phase E** and continue to homomix for 10 minutes. Begin cooling the batch to 40-45C. Add **Phase F** and homomix for 5 minutes. Place batch on side sweep and cool to 30-35C. Add **Phase G**. Continue to mix and cool batch until room temperature.

# *Beauty Blemish Cream (BB Cream) AX-47-332*

**Characteristics of Cream:** Easy spreading, silky light cushiony feel on skin.

## **Ingredients**

PELEMOL BD 10P

PELEMOL 899

PELEMOL ICB

PELEMOL C25EH

## **Function**

Emollients that aids in reducing greasiness

Provides a light cushion with a light feel, aids in spreadability

Light silky ester

Odorless with a light dry feel

# Color Correction Cream (CC Cream) ARL-21-16-2

Trade Name	INCI Name	Company	Percent
A Deionized Water	Water		55.00
A Versene NA	Disodium EDTA	Dow Chemical	0.10
A Keltrol T	Xanthan Gum	Kelco	0.20
A Glycerin	Glycerin		1.00
A Birch Extract M9534-WS	Water & Glycerin & Betula Alba Bark Extract	Carrubba	1.00
A Melfade PF	Water Arctostaphylos Uva Ursi (Bearberry Extract) & Glycerin & Magnesium Ascorbyl Phosphate	DSM Nutritional	3.00
A Simulgel INS-100	Hydroxyethyl Acrylate/Sodium Acryloyldimethyl Taurate Copolymer & Isohexadecane & Polysorbate 60	Seppic	2.00
<b>B Phoenoxol T</b>	<b>Cetearyl Alcohol &amp; Steareth-30 &amp; Ceteth-10</b>	<b>Phoenix Chemical</b>	3.00
B Lipo GMS-450 Veg	Glyceryl Stearate	Lipo Chemical	1.00
<b>B Pelemol BB</b>	<b>Behenyl Behenate</b>	<b>Phoenix Chemical</b>	0.50
B INBP55EY	Iron Oxides & Isononyl Isononanoate & Isopropyl Myristate & Stearalkonium Hectorite & Polyhydroxystearic Acid & Isopropyl Titanium Triisostearate & Propylene Carbonate	Kobo Products	0.55
B INBP75EB	Iron Oxides & Isononyl Isononanoate & Isopropyl Myristate & Stearalkonium Hectorite & Polyhydroxystearic Acid & Isopropyl Titanium Triisostearate & Propylene Carbonate	Kobo Products	0.04
B INBP75ER	Iron Oxides & Isononyl Isononanoate & Isopropyl Myristate & Stearalkonium Hectorite & Polyhydroxystearic Acid & Isopropyl Titanium Triisostearate & Propylene Carbonate	Kobo Products	0.11
<b>B Pelemol DISA</b>	<b>Diisostearyl Adipate</b>	<b>Phoenix Chemical</b>	5.00
<b>C Pelemol 899</b>	<b>Isononyl Isononanoate &amp; Ethylhexyl Isononanoate</b>	<b>Phoenix Chemical</b>	10.00
C MT-600B11S5	Titanium Dioxide and Triethoxycaprylylsilane	Kobo Products	5.00
D Deionized Water	Deionized Water		9.90
D Niacinamide PC	Niacinamide	DSM Nutritional	1.00
E Licorice-ECO	Glycerin, Water, Glycyrrhiza Glabra (Licorice) Root Extract	DSM Nutritional	1.50
F Euxyl K100	Benzyl Alcohol & Methylchloroisothiazolinone & Methylisothiazolinone	Schulke & Mayr	0.10
			100.00

## Procedure:

Heat water to 70-75C add disodium EDTA mixing gently until uniform. Slowly add Keltrol and mix until thoroughly swelled. Add Glycerin, Birch Extract, and Melfade PF mixing until uniform. Add Simulgel INS-100 and mix well until phase is homogenous. Pre-mix **Phase C** and homogenize for 5-8 minutes. Combine **Phase B** and heat to 70-75C, add pre-mix **Phase C** to **Phase B** and homogenize for 2-3 minutes. With **Phases A** and **B/C** at 75C, add **Phase B/C** to **Phase A** under homogenization for 3 minutes. Continue stirring with propeller mixing and add pre-mixed **Phase D**. Mix until thoroughly homogenous. Cool emulsion to 35C and add **Phase E**, mix until uniform. Add **Phase F** and mix until uniform. Cool to room temperature and package.



# *Color Correction Cream (CC Cream) ARL-21-16-2*

**Characteristics of Cream:** Easy rub-in, soft and silky feeling after dry-down.

## **Ingredients**

PELEMOL DISA  
PELEMOL 899  
PHOENOXOL T  
PELEMOL BB

## **Function**

Non-oily emollient, with a soft, velvety feel on skin  
Provides a light cushion with a light feel, aids in spreadability  
Emulsifier  
Emulsion stabilizer

# Daily Defense Cream (DD Cream) ARL-21-15-3

Trade Name	INCI Name	Company	Percent
A Deionized Water	Water		55.00
A Versene NA	Disodium EDTA	Dow Chemical	0.10
A Keltrol T	Xanthan Gum	Kelco	0.15
A Propylene Glycol	Propylene Glycol		1.00
A Avocado Extract	Water & Glycerin & Persea Gratissima Fruit Extract	Carrubba	0.50
B Parsol 1789	Avobenzene	DSM Nutritional	3.00
B Neo Heliopan HMS	Homosalate	Symrise	5.00
B Dermoblock OS	Octyl Salicylate	Alzo	5.00
B Neo Heliopan 303	Octocylene	Symrise	2.60
<b>B Pelemol 899</b>	<b>Isononyl Isononanoate, Ethylhexyl Isononanoate</b>	<b>Phoenix Chemical</b>	3.00
<b>B Pelemol BIP-PC</b>	<b>Butylphthalimide &amp; Isopropylphthalimide</b>	<b>Phoenix Chemical</b>	8.00
<b>B Phenoxyol T</b>	<b>Cetearyl Alcohol &amp; Steareth-30 &amp; Ceteth-10</b>	<b>Phoenix Chemical</b>	3.50
B Lipocol C	Cetyl Alcohol	Lipo Chemical	1.00
C Deionized Water	Deionized Water		3.00
C Revitalin PF	Glycol Proteins & Glutamic Acid & Valine & Threonine & Water & Phenoxyethanol & Ethylhexylglycerin & Sodium Metabisulfite	DSM Nutritional	3.00
D Deionized Water	Deionized Water		2.00
D Elhibin PF	Glycine Soja Protein & Glycerin & Water & Disodium Cocoamphodiacetate & Sodium Dextran Sulfate & Valine & Glycine & Phenoxyethanol & Sodium Benzoate & Potassium Sorbate	DSM Nutritional	2.00
E Sepigel 305	Polyacrylamide & C13-14 Isoparaffin & Laureth-7	Seppic	2.00
F Euxyl K100	Benzyl Alcohol & Methylchloroisothiazolinone & Methylisothiazolinone	Schulke & Mayr	0.10

100.00

**Procedure:** Heat water to 70-75C add propylene glycol, extract and disodium EDTA mixing gently until uniform. Slowly add Keltrol and mix until thoroughly swelled. Combine **Phase B** and heat to 70-75C, homogenize **Phase B** for 3- 4 minutes. With **Phases A** and **B** at 75C, add **Phase B** to **Phase A** under homogenization for 4-5 minutes. Begin cooling with a side sweep agitation. Cool emulsion to 35C and add pre-mixed **Phase C**, mix until uniform. Add pre-mixed **Phase D** and mix until uniform. Add Sepigel 305 and continuing mixing until homogenous. Add **Phase F** and continue to mix until homogenous. Cool to room temperature and package.

# *Daily Defense Cream (DD Cream) ARL-21-15-3*

**Characteristics of Cream:** Easy spreading, silky cushiony feel on skin.

## **Ingredients**

PELEMOL BIP-PC  
PELEMOL 899  
PHOENOXOL T

## **Function**

Solubilizer for sunscreens, with a satiny feel on skin  
Provides a light cushion with a light feel, aids in spreadability  
Emulsifier

## *Essential Exfoliating Cleansing Scrub(EE Scrub) ARL-21-54-1*

Trade Name	INCI Name	Company	Percent
A Deionized Water	Water		41.60
A Versene NA	Disodium EDTA	Dow Chemical	0.05
A Colateric COAB	Cocamidopropyl Betaine	Colonial Chemical	8.00
A Bioterge AS-40	Sodium C14-16 Olefin Sulfonate	Stephan	15.00
A Stephan Mild SL3BA	Disodium Laureth Sulfosuccinate	Stephan	15.00
<b>B PHOENTAIN C-35</b>	<b>Sodium Cocamidopropyl PG Dimonium Chloride Phosphate</b>	<b>Phoenix Chemical</b>	5.00
B Amisoft CS-11	Sodium Cocoyl Glutamate	Ajinomoto	2.50
<b>B PECOSIL PAN-418</b>	<b>Steardimonium Hydroxypropyl Panthenyl PEG-7 Dimethicone Phosphate Chloride</b>	<b>Phoenix Chemical</b>	3.00
<b>B PECOSIL FDM-30</b>	<b>Perfluorononylethyl Carboxydecyl PEG-10 Dimethicone</b>	<b>Phoenix Chemical</b>	0.75
<b>B PHOENOXIDE HCO-40</b>	<b>PEG-40 Hydrogenated Castor Oil</b>	<b>Phoenix Chemical</b>	3.00
B Glutamate VLT Thickener	PEG 120 Methyl Glucose Trioleate & Propanediol	Lubrizol	2.00
B Euxyl K400	Phenoxyethanol Methyl dibromo Glutaronitrile	Schulke & Mayr	0.10
C Walnut Shell Powder	Juglans Regia Shell Powder	Elementis Specialities	2.00
C Dead Sea Salt	Maris sal (Sea Salt Extract)	Charkit Chemical	2.00
			100.00

**Procedure:** Slowly add each material one at a time while mixing with a U-bar until batch is homogenous. Continue to mix gently with U-bar to avoid aeration.

**Characteristics of Scrub:** This clear body scrub is sulfate free, and cleanses the skin using Phoenotaine C-35 an extremely mild surfactant. This cleanser provides effective moisturization using Pecosil PAN-418 to help reduce scaling from dry skin.

### Ingredients

PHOENOTAIN C35

PECOSIL PAN-418

PECOSIL FDM-30

PHOENOXIDE HCO-40

### Function

Boosts foam and enhances viscosity

Effective moisturizer to reduce scaling in dry skin

Extremely mild surfactant, conditioning agent

Emulsifier

# *Exfoliating Cream (EE Cream) PAX-47-499*

Trade Name	INCI Name	Company	Percent
A Deionized Water	Water		77.15
<b>A Phenoaxol BD-10P</b>	<b>PPG-10 Butanediol</b>	<b>Phoenix Chemical</b>	4.00
A Niacinamide	Niacinamide	DSM Nutritional	1.00
<b>B Phenoaxol BD-10P</b>	<b>PPG-10 Butanediol</b>	<b>Phoenix Chemical</b>	1.00
B Keltrol CG	Xanthan Gum	Kelco	0.15
B Natrosol 330 CS	Cetyl Hydroxyethylcellulose	Ashland	0.05
C Simulgreen 18-2	Hydroxystearyl Alcohol & Hydroxystearyl Glucoside	Seppic	1.50
C Montanov 202	Arachidyl Alcohol & Behenyl Alcohol & Arachidyl Glucoside	Seppic	1.50
C Lipo GMS	Glyceryl Stearate	Lipo	0.20
C Vitamin E Acetate	Tocopheryl Acetate	Ashland	0.05
C Symrelief 100	Bisabolol & Hydroxymethoxyphenyl Decanone	Symrise	0.20
C BV-OSC	Tetrahexyldecyl Ascorbate	Barnet	0.20
<b>C PELEMOL P99</b>	<b>Propanediol Dipelargonate</b>	<b>Phoenix Chemical</b>	2.00
<b>C PELEMOL TT</b>	<b>Tribehenin &amp; Caprylic/Capric Acid Triglyceride</b>	<b>Phoenix Chemical</b>	1.00
<b>C PELEMOL P-810</b>	<b>Propanediol Dicaprylate/Caprates</b>	<b>Phoenix Chemical</b>	2.00
<b>C PELEMOL C25EH</b>	<b>C12-15 Alkyl Ethylhexanoate</b>	<b>Phoenix Chemical</b>	2.00
D Optiphen Plus	Phenoxyethanol & Caprylyl Glycol & Sorbic Acid	Ashland	1.00
E Sepinov EMT 10	Hydroxyethyl Acrylate & Sodium Acryloyl Dimethyl Taurate Copolymer	Seppic	0.50
F Benoitine	Water & Plankton Extract	Barnet	0.50
G Photosomes V	Plankton Extract and Lecithin	Barnet	0.50
H Pro-Coll-One	Hydrolyzed Soy Fiber	Silab	1.00
I Moist 24	Imperata Cylindrica Root Extract & Water & Glycerin & PEG-8 & Carbomer	Sederma	1.00
J Vitagenyl	Prunus Persica Leaf Extract	Silab	1.00
K Actiphyte of Yarrow GL	Glycerin & Water & Achillea Millefolium Extract	Active Organics	0.25
L Actiphyte of Blue Agave	Glycerin & Water & Agave Tequilana Leaf Extract	Active Organics	0.25
			100.00

# *Exfoliating Cream (EE Cream) PAX-47-499*

**Procedure:** In a beaker large enough for the entire batch, add **Phase A** ingredients. Pre-mix **Phase B** ingredients and add to the water phase. Begin side sweep agitation, Homomixing at low speed while heating to 75-80°C. In another beaker combine ingredients in **Phase C**. Begin gentle mixing and heat to 75-80°C. When the temperature of both phases is 75-80°C, add **Phase C** to **Phases A/B**. Increase the homogenizer speed. Mix for 15 minutes and then begin cooling the batch to 60-65°C. At 60-65°C add **Phase D** and continue to mix for 5 minutes. Add **Phase E** and homomix for 10 minutes until batch is uniform. Stop homomixing and begin side sweep agitation. Cool batch to 40°C. At 40°C begin adding **Phases F** through **L** one at a time and continue to cool batch to room temperature while mixing.

**Characteristics of Cream:** Soft, white, shiny cream that spreads easily on skin.

## **Ingredients**

PELEMOL P99

PELEMOL TT

PELEMOL P-810

PELEMOL C25EH

PHOENOXOL BD-10P

## **Function**

A clear, water white dry emollient ester

Mimics shea butter, lubricious

100% vegetable derived dry ester

Light, dry feeling emollient

Extremely emollient and acts to reduce greasiness

# Natural Healthy Heals Cream (HH Cream) ARL-21-55-1

Trade Name	INCI Name	Company	Percent
A Deionized Water	Water		67.50
A Glycerin	Glycerin		1.00
A Gelcarin PC 370	Carrageenan	FMC BioPolymer	0.30
A Solagum AX	Acacia and Xanthan Gum	Seppic	1.50
A Chamomile Extract M5932-WS	Water (and) Glycerin (and) Chamomilla Recutita (Matricaria) Extract	Carrubba	1.00
B Montanov 68	Cetearyl Alcohol & Cetearyl Glucoside	Seppic	1.50
B Jeechem GMS-450 Veg	Glyceryl Stearate	Jeen	2.50
<b>B PELEMOL BB</b>	<b>Behenyl Behenate</b>	<b>Phoenix Chemical</b>	1.00
<b>B PELEMOL EE</b>	<b>Octyldodecyl Erucate</b>	<b>Phoenix Chemical</b>	5.00
<b>B PELEMOL II</b>	<b>Isostearyl Isostearate</b>	<b>Phoenix Chemical</b>	3.00
<b>B PELEMOL MOR-3</b>	<b>Dilinoleic Acid/ Propanediol Copolymer &amp; Propanediol Dicaprylate/Caprate</b>	<b>Phoenix Chemical</b>	8.00
<b>B PELEMOL DO</b>	<b>Decyl Oleate</b>	<b>Phoenix Chemical</b>	5.00
<b>B PELEMOL D5R-V</b>	<b>Propanediol Dicaprylate/Caprate &amp; Diisostearyl Malate</b>	<b>Phoenix Chemical</b>	1.50
B Vitamin E Acetate	Tocopheryl Acetate	BASF	0.20
C Campo Plantservative Wrs	Lonicera Caprifolium Extract & Lonicera Japonica Extract & Water	Essential	1.00
			100.00

**Procedure:** Combine water and glycerin and heat to 70-75°C. Slowly add Gelcarin and Solagum AX with moderate agitation. Continue mixing until phase is homogenous. Combine all ingredients in **Phase B** and heat to 70-75°C. Add **Phase B** to **Phase A** with vigorous mixing at 70-75°C until emulsion is formed. Continue mixing while cooling to 35°C. Add **Phase C** and mix well until homogenous. Homogenize emulsion for 5 minutes with moderate agitation. Cool to room temperature and package.

**Characteristics of Cream:** Soft white cream that leaves silky and cushiony skin feel.

## Ingredients

PELEMOL BB  
PELEMOL EE  
PELEMOL II  
PELEMOL MOR-3  
PELEMOL DO  
PELEMOL D5R-V

## Function

Impart stability and builds viscosity  
Effective emollient leaving a soft, smooth, non-greasy, dry feel  
Provides spreadability and emolliency  
Mineral oil replacement  
Imparts cushion, leaves skin soft and supple  
Provides softness and cushion on rub-in

# Healthy Hair Treatment (HH Treatment) PAX-47-500

Trade Name	INCI Name	Company	Percent
A Deionized Water	Water		67.85
A Chlorophenesin	Chlorophenesin	Universal Preserv-A-Chem	0.15
A Tego Cosmo C 100	Creatine	Evonik	0.50
<b>B PHOENOXOL BD-10P</b>	<b>PPG-10 Butanediol</b>	<b>Phoenix Chemical</b>	1.50
C Glycerin	Glycerin	Ashland	2.50
C Keltrol CG	Xanthan Gum	Kelco	0.30
C Veegum -regular	Magnesium Aluminum Silicate	RT Vanderbilt	0.20
<b>D PELEMOL C25EH</b>	<b>C12-15 Alkyl Ethylhexanoate</b>	<b>Phoenix Chemical</b>	3.00
<b>D PELEMOL D5R-V</b>	<b>Propanediol Dicaprylate/Caprate &amp; Diisostearyl Malate</b>	<b>Phoenix Chemical</b>	4.00
<b>D PELEMOL P99</b>	<b>Propanediol Dipelargonate</b>	<b>Phoenix Chemical</b>	2.00
<b>D PELEMOL JEC</b>	<b>Triisostearin/Glyceryl Behenate</b>	<b>Phoenix Chemical</b>	1.00
<b>D PELEMOL II</b>	<b>Isostearyl Isostearate</b>	<b>Phoenix Chemical</b>	2.00
<b>D PELEMOL EE</b>	<b>Octyldodecyl Erucate</b>	<b>Phoenix Chemical</b>	0.50
D Lipomulse 165	Glyceryl Stearate & PEG-100 Stearate	Lipo Chemical	4.50
D Cetyl Alcohol	Cetyl Alcohol	Lipo Chemical	0.50
D Stearyl Alcohol	Stearyl Alcohol	Lipo Chemical	1.50
D Anti-Aging Hair Complex	Abyssinica Seed Oil & Hydrogenated Polyisobutene & PEG-2 & Dimeadowfoamamdoethylmonium Polyisobutene & PEG-2 & (Olive) Oil Unsaponifiables	Elementis	2.00
E Sepigel 305	Polyacrylamide & C13-14 Isoparaffin & Laureth-7	Seppic	1.00
F Procapil	Butylene Glycol & Water & PPG-26-Buteth-26 & PEG-49 Hydrogenated Castor Oil & Apigenin & Oleanolic Acid & Biotinoyl Tripeptide-1	Sederma	1.50
G Amino Silk SF	Silk Amino Acids	Tri-K	1.00
H Heliogenol	Butylene Glycol & Helianthus Annuus Seed Extract	Sederma	1.00
I Actiphyte of Nettle GL	Glycerin & Water & Urtica Dioica (Nettle) Extract	Active Organics	0.50
J Phenoxyethanol	Phenoxyethanol	Ashland	1.00
			100.00



**Procedure:** In a beaker large enough for the entire batch, add **Phase A** ingredients. Begin gentle side sweep and homomixing, while heating **Phase A** to 75-80°C. As the **Phase A** is mixing, add **Phase B** and mix until uniform. Add pre-mixed **Phase C**. In a separate beaker add **Phase D** and begin mixing and heating to 75-80°C. When the temperature of both phases is 75-80°C, add **Phase D** to **Phases A/B/C**. Increase the homogenizer speed. Mix for 10 minutes. Add **Phase E** and continue homogenizing for an additional 15 minutes. When the batch is homogenous, stop homomixing and begin cooling to 35°C. Begin adding **Phases F** through **I** one at a time and continue to cool batch to room temperature while mixing. Add **Phase J** and mix until uniform.

**Characteristics of Cream:** A leave- in treatment, slightly off-white viscous creamy emulsion. Makes hair silky smooth and more manageable. Give hair volume without stiffness.

### **Ingredients**

PELEMOL C25EH

PELEMOL D5R-V

PELEMOL P99

PELEMOL JEC

PELEMOL II

PELEMOL EE

PHOENOXOL BD-10P

### **Function**

Provides a very light dry feel

98% vegetable derived, aids in spreadability, softness and shine

100% vegetable derived, clear dry ester

100% vegetable derived, extremely lubricious ester

100% vegetable derived, imparts shine and spreadability

100% vegetable derived, helps to reduce greasiness

Provides a soft, smooth, dry feel

# *Night Cream (ZZ Cream) PAX-47-501*

Trade Name	INCI Name	Company	Percent
A Deionized Water	Water		63.45
B Chlorphenesin	Chlorophenesin	Universal Preserv-A-Chem	0.15
B Niacinamide	Niacinamide	DSM Nutritional	1.00
C Zemea	1,3 Propanediol	Dupont	2.50
C Keltrol CG	Xanthan Gum	Kelco	0.30
D Natrosol 330CS	Cetyl Hydroxyethylcellulose	Ashland	0.10
<b>D PHOENOXOL BD-10P</b>	<b>PPG-10 Butanediol</b>	<b>Phoenix Chemical</b>	2.50
<b>E PECOSIL G-10</b>	<b>Dimethicone &amp; Isododecane &amp; Trimethylsiloxysilicate &amp; Octyl Hydroxystearate &amp; C30-45 Olefin</b>	<b>Phoenix Chemical</b>	10.00
<b>E PELEMOL P-810</b>	<b>Propanediol Dicaprylate/Caprates</b>	<b>Phoenix Chemical</b>	5.00
<b>E PELEMOL C150</b>	<b>Bis (Trioctyldodecyl Citryl) Dilinoleate</b>	<b>Phoenix Chemical</b>	1.50
<b>E PELEMOL TT</b>	<b>Tribehenin Caprylic /Capric Triglyceride</b>	<b>Phoenix Chemical</b>	0.25
<b>E PELEMOL ODL</b>	<b>Octyldodecyl Lactate</b>	<b>Phoenix Chemical</b>	1.50
<b>E PELEMOL ODSS</b>	<b>Octyldodecyl Stearoyl Stearate</b>	<b>Phoenix Chemical</b>	0.50
E Revinage	Elaeis Guineensis (Palm) Oil & Gossypium Herbaceum (Cotton) Seed Oil & Linum Usitatissimum (Linseed) Oil & Tocopherol	Chemynion	1.00
E Juvinity	Capric/Capric Triglyceride & Geranylgeranylisopropanol	Sederma	2.00
E Simulgreen 18-2	Hydroxystearyl Alcohol & Hydroxystearyl Glucoside	Seppic	1.50
E Lipo GMS 450	Glyceryl Stearate	Lipo	0.50
E Lipocol C	Cetyl Alcohol	Lipo	1.00
E Montanov 202	Arachidyl Alcohol & Behenyl Alcohol & Arachidyl Glucoside	Seppic	0.50
E Actiphyte of Bee Pollen	Carthamus Tinctorius (Safflower) Seed Oil & Apigenin & Cymbopogon Schoenanthus Leaf Extract	Active Organics	0.25
F Sepinov EMT-10	Hydroxyethylacrylate/Sodium Acryloyldimethyl Taurate Copolymer	Seppic	0.50
G Phenoxyethanol	Phenoxyethanol	Ashland	1.00
H Dynalift	Water & Sodium Polystyrene Sulfonate & Sorghum Bicolor Stalk Juice & Glycerin	Sederma	2.00
I Actiphyte of Ivy GL	Water & Glycerin & Hedera Helix (Ivy) Extract	Active Organics	0.25
J Actiphyte of Autolyzed Yeast GL	Water & Glycerin & Yeast Extract	Active Organics	0.25
K Actiphyte of Marshmallow GL	Water & Glycerin & Althaea Officinalis Root Extract	Active Organics	0.25
L Actiphyte of Calendula GL	Water & Glycerin & Calendula Officinalis Flower Extract	Active Organics	0.25
			100.00

**Procedure:** In a beaker large enough for the entire batch, add **Phase A** ingredients. Begin gentle mixing and add **Phase B**. Begin heating **Phases A/B** to 70-75°C. Add pre-mixed **Phase C** into **Phases A/B** and begin low speed homogenizing. Add **Phase D** and continue mixing until homogenous. In a separate beaker combine **Phase E** while mixing heat to 70-75°C. When the temperature of both phases is 70-75°C, add **Phase E** to **Phases A/B/C/D**. Homogenize the batch for 10 minutes, then add **Phase F** to batch. Increase the homogenizer speed to ensure batch uniformity. Homogenize for 10 minutes. Begin cooling batch to 55-60°C. Add **Phase G** and continue homogenizing for an additional 5 minutes. Stop homogenizing and begin to use side sweep mixing. Cool the batch to 35-40°C. Add **Phases H** through **L**. Cool batch to room temperature while mixing until homogenous.

**Characteristics of Cream:** a viscous, shiny, off white cream imparting a lubricious, silky feel to skin.

#### **Ingredients**

PECOSIL G-10  
PELEMOL P-810  
PELEMOL C150  
PELEMOL TT  
PELEMOL ODSS

PELEMOL ODL  
PHOENOXOL BD-10P

#### **Function**

Imparts a particularly unique silky and lubricious feel to skin  
100% vegetable derived, dry ester  
Is non-tacky and exhibits a high degree of cushion on skin  
Mimics shea butter, extremely lubricious  
Emollient ester with excellent skin spreadability resulting in a luxurious skin after-feel  
Provides high cushion, emolliency, gloss and moisturization  
Extremely emollient, acts to reduce greasiness, dry feel

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