

# Hair Hydration Nourishing Hair Mask

## Essential Ingredients

770-831-9010

[www.essentialingredients.com](http://www.essentialingredients.com)

## INGREDIENTS

### Phase A

	WT%
Water	74.50
Propanediol (Dupont Tate & Lyle) (Zemea propanediol)	2.00
Betaine (IFF) (Genecare OSMS BA)	2.00
Panthenol (Xinfu Science & Technology) (D-Panthenol)	0.50
Cetrimonium Chloride (Clariant) (Genamin CTAC 50)	1.00

### Phase B

Cetyl Alcohol (VVF LLC) (Cetyl alcohol pastilles NF Vegarol 1698)	4.50
Cetearyl Alcohol (VVF LLC) (Cetearyl alcohol pastilles NF Vegarol 1618 50:50)	2.50
Macadamia Integriifolia Seed Oil (Floratch) (Floramac Macadamia Oil)	2.00
Limnanthes Alba (Meadowfoam) Seed Oil (Elementis) (Fancor Meadowfoam Seed Oil)	1.00
Triolein (Lubrizol) (Corbion AlgaPur HSHO Algae Oil)	4.00
Behentrimonium Chloride (Clariant) (Genamin BTLF)	2.00

### Phase C

Glycerin (and) Water (and) Chamomilla Recutita (Matricaria) Flower Extract (Lipotec) (Actismart SW Chamomile)	1.00
Glycerin (and) Water (and) Cucumis Sativus (Cucumber) Fruit Extract (Lipotec) (Actismart SW Green Tea)	1.00
Fragrance (Medallon) (Cucumber melon fragrance)	1.00
Phenoxyethanol (and) Ethylhexylglycerin (Troy) (TroyCare PE73)	1.00

**PROCEDURE:** Combine Phase A components one at a time, mixing thoroughly after each addition and heat to ~80°C. In a separate vessel, combine Phase B components and heat while mixing until uniform and at ~80°C. When both phases are uniform and approximately 80°C, add Phase B to Phase A slowly while mixing. Mix for 10-15 min. at temperature then remove heat source. Continue mixing while

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the batch cools down, when at ~45°C, add the Phase C components one at a time, mixing thoroughly after each addition. **PROPERTIES:** pH—6.61. Appearance—Thick, white cream. Viscosity—49,000 cps.

## SKIN TREATMENT WITH MINERAL-RICH KISOLITE BMP

**Coast Southwest, Inc.**

800-621-0500 • [info@coastsouthwest.com](mailto:info@coastsouthwest.com)

[www.coastsouthwest.com](http://www.coastsouthwest.com)

## INGREDIENTS

### Phase A

	WT%
Deionized Water	79.80
Kisolite BMP (Coast Southwest, Kisolite Corp.) (Clay)	10.00
Synthalen CH (Coast Southwest, 3V Sigma-USA) (Carbomer)	0.70
Endiquet GLDA (Coast Southwest) (Tetrasodium Glutamate Diacetate)	1.00

### Phase B

Dried Aloe Vera Powder (Coast Southwest) (Aloe Barbadosensis Leaf Juice)	0.50
Olivatis 15C (Coast Southwest, Medolla Iberia S.L.) (Olive Oil PEG-8 Esters)	3.00

### Phase C

Endinol MILD B-SF65 (Coast Southwest) (Sodium Cocoyl Isethionate (and) Cocamidopropyl Hydroxysultaine (and) Lauryl Glucoside (and) Cocamidopropylamine Oxide (and) Caprylyl/Capryl Glucoside)	2.00
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### Phase D

Sodium Hydroxide (30%) w/w (Sodium Hydroxide)	q.s.
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### Phase E

Healerine (Coast Southwest, Infinitec) (Ganoderma Lucidum Ferment Filtrate)	2.00
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### Phase F

Sharomix 705 Plus (Coast Southwest, Sharon-Laboratories Ltd.) (Benzoic Acid (and) Sorbic Acid (and) Dehydroacetic Acid (and) Tocopherol (and) Benzyl Alcohol)	1.00
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**PROCEDURE:** Phase A - Add water and GLDA to main vessel, mix at high shear, and add Kisolite BMP slowly. Once uniform, add Synthalen CH slowly. Phase B - Premix Phase B then add to Phase A and mix until uniform. Phase C - Add Phase C to Phase AB and mix. Phase D - Add Phase D to Phase ABC to reach a pH of 7 to 8. Phase E - Add Phase E followed by Phase F. Transfer to suitable vessel when uniform. **PROPERTIES:** pH: 4.5 to 5.5; viscosity: Spindle 2 @ 10 rpm = 2,500 to 5,000 cst.

**LEAVE-IN CONDITIONER****Gelest**[www.gelest.com](http://www.gelest.com)**INGREDIENTS****Phase A**

	<b>WT%</b>
Deionzed Water	q.s.
EDTA (EDTA)	0.10
Veegum Ultra (Vanderbilt) (Magnesium aluminum silicate)	0.30
Butylene Glycol (Butylene Glycol)	1.00
DL Panthenol	0.30
Jeesperse ICE-T CPCS (Jeen International) (Cetearyl Alcohol, Behentrimonium Chloride, Polyquaternium 37)	3.00
Sorbitan Oleate (Sorbitan Oleate)	1.00
PCA Glyceryl leate (PCA Glyceryl oleate)	0.10
Sibrid TM-031 (Gelest) (Propyltrisiloxane)	2.00
Jeesilk 94 (Jeen International) (Amidomethicone, Trideceth-12, Cetrimonium Chloride)	1.50
Sibrid PE-13 (Gelest) (Phenethyl Trimethicone)	2.00
Hydrolyzed Wheat Protein (Hydrolyzed Wheat Protein)	0.10
Preservative (preservative)	1.00
Fragrance (Fragrance)	0.40

**PROCEDURE:** Combine Phase A ingredients in order of appearance with 10-minute increments under propeller. Begin heating to 50°C after adding Jeesperse ICE-T CPCS. After the batch is uniform, start cooling to RT. Continue adding the rest of ingredients in 10-minute increments. When batch is at 30°C, finish with preservative and fragrance.

**MINERAL SUN & CC CREAM SPF 50****DSM**[www.DSM.com](http://www.DSM.com)**INGREDIENTS****Phase A**

	<b>WT%</b>
LexFeel D5 (Inolex) (Neopentyl glycol diheptanoate, isododecane)	23.00
Bentone Luxe WN (Elementis Specialties, Inc.) (Caprylic/Capric Glycerides, Stearalkonium Hectorite, Polyglyceryl-3 Diisostearate, Polyglyceryl-3, Polyrinoleate)	15.00
Hallbrite BHB (The Hallstar Company) (Butyloctyl salicylate)	5.00
Dermosoft GMC MB (Dr. Straetmans) (Glyceryl caprate)	.50

**Phase B**

Parsol ZX (DSM Nutritional Products) (Zinc oxide, Triethoxycaprylsilane)	23.00
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**Phase C**

Water Dem (Aqua)	25.50
RonaCare Zinc Sulfate (Merck KGAA) (Zinc sulfate)	1.00
Zemea Propanediol (Dupont Tate & Lyle Bioproducts) (Propanediol)	2.00

**Phase D**

Cameleon Black (Tagra) (Cellulose acetate, Titanium dioxide, CI 77499, Propylene glycol stearate, Acrylates/Ammonium methacrylate, copolymer, Magnesium stearate)	0.06
Cameleon Yellow (Tagra) (Cellulose acetate, Titanium dioxide, CI 77492, Propylene glycol stearate, Acrylates/Ammonium methacrylate, copolymer, Magnesium stearate)	3.40
Cameleon red (Tagra) (Cellulose acetate, Titanium dioxide, CI 77491, Propylene glycol stearate, Acrylates/Ammonium methacrylate, copolymer, Magnesium stearate)	0.54
Pepha-Age (DSM Nutritional Products) (Scenedesmus rubescens extract)	1.00

**PROCEDURE:** Heat Phase A to 85°C under stirring. Add Phase B to Phase A once at 85°C. Heat Phase C to 85°C under stirring. Add Phase C to Phase A once both are at 85°C, mix with Turrex for 5-10 minutes until well incorporated. Add Phase D <40°C.

**JARCHEM BLUSH CLEANSING BALM****Jarchem Industries, Inc.**

973-344-0600

[www.jarchem.com](http://www.jarchem.com)**INGREDIENTS****Phase A**

	<b>WT%</b>
Water (Aqua)	10.3
Glycerin (Essential Ingredients) (Glycerin)	26.5
Biopure GLDA (Jarchem) (Tetrasodium glutamate diacetate)	0.5
Citric Acid Solution (Citric acid)	0.2

**Phase B**

Aminosyl SCI (Jarchem) (Sodium cocoyl isethionate)	10.0
Aminosyl SLMT (Jarchem) (Sodium methyl lauroyl taurate)	5.0
Aminosyl SLG (Sodium lauroyl glutamate)	10.0
Jarplex SB10 (Jarchem) (Butyrospermum parkii (shea) oil)	1.0
Jarplex SPG (Jarchem) (Coco-glucoside (and) shea butter glycerides)	10.0
Lexgard Natural MB (Inolex) (Glyceryl caprylate (and) glyceryl undecylenate)	1.5

**Phase C**

Glycerin	20.0
Jarxotic PC-NS (Jarchem) (Illite)	5.0

**PROCEDURE:** Combine Phase A, adjust pH to 5-6. Use water bath to heat phase A to 85°C. Add ingredients in Phase B one by one to Phase A; mix until homogenous before adding the next ingredient. Premix Phase C in a separate breaker and transfer to Phase A/B; mix until homogenous. Remove from water bath; gently mix the balm until cool to 45°C. Pour mixture into jars.

**PROPERTIES:** opaque soft balm; pH (1% solution)—5-6. ■