

Starter Formulations

Jump start your hair, skin, scalp, and nail care innovations with over 100 expertly crafted formulation ideas featuring GlyAcid® and GlySmart®.

Pure Chemistry for Next-Generation Personal Care

CrossChem's GlyAcid® and GlySmart® are next-generation, high-purity glycolic acids, engineered through a proprietary acid saponification and purification process. Unlike traditional methods that rely on formaldehyde, GlyAcid® delivers a cleaner, more advanced alpha hydroxy acid, while GlySmart® offers a controlled, delayed release – ideal for sensitive skin. Both provide exceptional purity and performance, making them the perfect choice for high-quality formulations.

Explore 100+ GlyAcid® and GlySmart® Formulation Ideas

The demand for glycolic acid in personal care continues to grow globally, recognized for its proven anti-aging benefits. Ongoing research highlights its role in cross-linking damaged hydrogen and salt bonds in keratin, unlocking new possibilities in hair care. CrossChem's GlyAcid® and GlySmart® provide high-purity solutions to meet these evolving needs. In collaboration with our global distribution partners, we offer 100+ GlyAcid® and GlySmart® starter formulations to inspire and support your next-generation hair, skin, scalp, and nail care products.

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GlyAcid[®]

GLYCOLIC ACID

FORMALDEHYDE FREE

HAIR

SCALP

SKIN

NAILS

LIPS



GlyAcid[®]

GLYCOLIC ACID

FORMALDEHYDE FREE

HAIR

SCALP

SKIN

NAILS

LIPS

PRETTY-IN-PLACE HAIR GLUE

This high-hold formula keeps hair in place without the crunch! Endicare® DP-530S creates an instant, flexible film for lasting style and shine. **GlyAcid®** enhances manageability and the appearance of hair growth, ensuring a smooth, conditioned finish. Style with confidence – no stiffness, just flawless hold! .

Phase A	INCI Name	% (w/w)
Deionized Water	Aqua	66.47
Endicare® DP-530S ¹	Polyethyloxazoline	10.00
GlyAcid® 70 HP ^{1,2}	Glycolic Acid	2.00
Conditioner P7NA ^{1,3}	Polyquaternium-7	4.50
DL-Panthenol 50% ¹	Panthenol	1.00

Phase B

Moringa Seed Oil ^{1,4}	Moringa Oleifera Seed Oil	2.00
Jojoba Oil ¹	Simmondsia Chinensis (Jojoba) Seed Oil	2.00
Endimate® IPP ¹	Isopropyl Palmitate	3.00
Endimate® IPM ¹	Isopropyl Myristate	2.00
Endicare CT IPP ¹	Cetearyl Alcohol (and) Centrimonium Bromide	6.00

Phase C

Sharomix HMG ^{1,5}	Sodium Hydroxymethyl Glycinate	0.80
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Phase D

NaOH 0.5 N	Sodium Hydroxide	0.23
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Procedure

Phase A: Add Phase A in order to main vessel under shear mixing and begin heating to 167-176°F (75-80°C). **Phase B:** Add Phase B to separate vessel under shear mixing and heat to 167-176°F (75-80°C). Once uniform and to temperature, add to main vessel under shear mixing. Begin cool down. **Phase C:** Once at 104-113°F (40-45°C), add Phase C to Phase AB under shear mixing. **Phase D:** Add Phase D to Phase ABC under shear mixing for pH. Q.s. Phase D to desired pH. Once uniform, transfer to final container.

Suppliers

¹Coast Southwest, Inc., ²CrossChem, ³V, ⁴Vivimed Labs USA,

⁵Sharon Personal Care

Properties

pH: 3.70 – 4.50

Viscosity: Spindle 4 at 30.0 rpm = 3,000.0-6,000.0 cst.

FORMULATION PROVIDED BY:

CoastSouthwest

For more information, contact coastsouthwest.com

HOLD YOUR HAIR FROM HERE TO THERE TO EVERYWHERE

This versatile, extra-firm hold gel with Endicare® DP-530S keeps styles in place – wet or dry – without flakes. Green Tea boosts shine and body, while **GlyAcid®** locks in moisture and strengthens hair. Get strong, flexible hold with conditioning benefits for healthy, manageable hair that lasts!

Phase A	INCI Name	% (w/w)
Deionized Water	Aqua	61.60
Synthalen® W-2000 ^{1,2}	Acrylates/Palmeth-25 (and) Acrylate Copolymer	9.00
Dissolvine® 100-S ^{1,3}	Tetrasodium EDTA	0.10
DL-Panthenol 50% ¹	Panthenol	0.50
Glycerin ¹	Glycerin	1.50
Propylene Glycol ¹	Propylene Glycol	2.00
Endicare® DP-530S ¹	Polyethyloxazoline	17.00
Endisil® FS-193 ¹	PEG-12 Dimethicone	3.00

Phase B

GlyAcid® 70 HP ^{1,4}	Glycolic Acid	2.00
NaOH (40% aq.)	Sodium Hydroxide	1.20

Phase C

Conditioner P7NA ^{1,2}	Polyquaternium-7	0.10
Green Tea Concentrate ^{1,5}	Water (and) Camellia Sinensis (Green Tea)	1.00
Sharomix CPA ^{1,2}	Phenethyl Alcohol (and) Capryl Glycol	1.00

Procedure

Phase A: Combine Phase A in formula order while mixing with propeller agitator until fully uniform.

Phase B: In a separate vessel, combine Phase B in formula order while continuously mixing and add to Phase A. Mix until well-blended and evenly dispersed. **Phase C:** Add Phase C in formula order to batch AB while continuously mixing. Transfer into final container once uniform.

Suppliers

¹Coast Southwest, Inc., ²3V Inc., ³AkzoNobel Functional Chemicals LLC, ⁴CrossChem, ⁵Tea Guys, ⁶Sharon Personal Care

Properties

pH: 6 – 6.5

Viscosity: Spindle 4 at 6.0 rpm = 20,000 – 25,000 cst.

FORMULATION PROVIDED BY:

CoastSouthwest

For more information, contact coastsouthwest.com

GLYACID® SHAMPOO CSW

Formulated with **GlyAcid®**, this moisturizing shampoo enhances scalp health, hydration, and hair manageability. It smooths hair fibers, protects against damage, and makes styling effortless. Experience softer, shinier, and healthier-looking hair with every wash!

Phase A	INCI Name	% (w/w)
Deionized Water	Aqua	61.95
Glycerin 99.7% USP Kosher ¹	Glycerin	4.00
Dissolvine® GL-47-S ^{1,2}	Tetrasodium Glutamate Diacetate	0.20
Sorbitol 70%	Sorbitol	4.00
Synthalen® W400 ^{1,3}	Acrylates Copolymer	10.00

Phase B

Endinol® MILD SFB-105K ¹	Disodium Laureth Sulfosuccinate (and) Sodium Cocoyl Isethionate (and) Cocamidopropyl Betaine	10.00
Endicare® LI-7 ¹	PEG-7 Glyceryl Cocoate	5.00

Phase C

GlyAcid® 70 HP ^{1,4}	Glycolic Acid	1.40
Sodium Hydroxide (0.5M)	Sodium Hydroxide	2.00

Phase D

Sharon 702 ^{1,5}	(Dehydroacetic Acid (and) Benzoic Acid (and) Phenoxyethanol)	1.00
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Phase E

Endimox™ CAW ¹	Cocamidopropylamine Oxide	0.25
Fragrance		0.20

Procedure

Phase A: In main vessel, add Phase A. Mix until uniform. **Phase B:** Add Phase B to Phase A. **Phase C:** In side vessel, combine Phase C, then add slowly to Phase AB. **Phase D:** Add preservative to Phase ABC. Initially the batch will be discontinuous. Continue mixing. **Phase E:** Slowly add the surfactant to Phase ABCD. Initially the batch will become uniform and increase in viscosity. Add fragrance.

Suppliers

¹Coast Southwest, Inc., ²Akzo Nobel Functional Chemicals LLC, ³V Sigma-USA, ⁴CrossChem, ⁵Sharon Personal Care

Properties

pH: 6.83

Viscosity: Spindle 5 @ 20 rpm = 8,100 cst.

FORMULATION PROVIDED BY:

CoastSouthwest[®]

For more information, contact coastsouthwest.com

EASE WITHOUT GREASE BEARD SERUM

Say goodbye to greasy beard care! This fast-absorbing serum nourishes, protects, and smooths with BergaCare FG 5, BergaSom Sun 75 H, and BergaCare SB. **GlyAcid® 70 HP** enhances shine for a soft, healthy, effortlessly groomed beard. Lightweight, non-greasy, and radiantly smooth – because your beard deserves the best!

Phase A	INCI Name	% (w/w)
Demineralized Water	Aqua	≤ 100.00
BergaSom Sun 75 H¹	Hydrogenated Lecithin	0.50
Butylene Glycol	Butylene Glycol	2.00
Allantoin	Allantoin	0.10

Phase B		
BergaCare EM-AB¹	C12-15 Alkyl Benzoate	2.00
BergaCare FG 5¹	Ethylhexyl Palmitate (and) Ethylhexyl Stearate (and) Hydrogenated Olive Oil Unsaponifiables (and) Caprylic Capric Triglyceride	5.00
BergaCare SB¹	Butyrospermum Parkii (Shea) Butter	2.00
Agenaflo 9050 ²	Corn Starch Modified	2.00
Apricot Kernel Oil	Prunus Armeniaca (Apricot) Kernel Oil	2.00
Glyceryl Stearate Citrate	Glyceryl Stearate Citrate	1.00
Jojoba Oil	Simmondsia Chinensis (Jojoba) Seed Oil	1.00

Phase C		
D-Panthenol	Panthenol	1.00

Phase D		
GlyAcid® 70 HP³	Glycolic Acid (and) Water	2.50
Demineralized Water	Aqua	5.00

Phase E		
NaOH	Sodium Hydroxide	Adjust pH
Preservative/Fragrance	-	q.s.

Procedure

Weigh water and Butylene Glycol, start stirring and add BergaSom Sun 75 H and Allantoin. Weigh Phase B, heat both phases up to ~70°C. Add **Phase B to A** while stirring and homogenize 30 seconds and add Panthenol. Mix GlyAcid® with water and add slowly under mixing, adjust pH and preserve.

Suppliers

¹Berg + Schmidt, ²Agrana, ³CrossChem

Properties

pH: 4

Viscosity: (24H) 1430

Internal Ref: Beard Fluid-002-BSC

FORMULATION PROVIDED BY:

Berg + Schmidt
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Our knowledge. Your formulations.

For more information, contact berg-schmidt.com

CREATE AND SHAPE HAIR CREAM

Shape, define, and enhance your style with this versatile curl enhancer and styling cream. It delivers a natural, fresh look without crunch or heaviness, keeping hair light, touchable, and effortlessly styled. Perfect for soft definition and flexible hold!

Phase A	INCI Name	% (w/w)
Deionized Water	Aqua	58.60
Dissolvine® GL-47-S	Tetrasodium Glutamate Diacetate	0.30
GlyAcid® 70 HP^{1,2}	Glycolic Acid (and) Aqua	1.50
Olivatis™ 15^{1,3}	Olive Oil Glycereth-8 Esters	1.50
Endicare® DP-530S¹	Polyethyloxazoline	8.00

Phase B

Endimate® 33V¹	Capric/Caprylic Triglyceride	5.00
Moringa Seed Oil^{1,4}	Moringa Oleifera (Moringa) Seed Oil	2.00
Endicare® CT-100¹	Cetearyl Alcohol (and) Cetrimonium Bromide	3.00
Palmitic Acid ¹	Palmitic Acid	6.00
Olivatis™ 18^{1,3} Cetearyl Alcohol	Olive Oil Polyglyceryl-6 Esters (and) Sodium Stearoyl Lactylate (and) 2.00	
Olivatis™ 19^{1,3}	Olive Oil Polyglyceryl-6 Esters (and) Phospholipids	1.00
Stearic Acid ¹	Stearic Acid	4.00
Myristic Acid ¹	Myristic Acid	3.00
Endimulse® CS20-D¹	Cetyl Stearyl Alcohol (and) Ceteareth-20	3.50

Phase C

Sharomix HMG^{1,5}	Sodium Hydroxymethyl Glycinate	0.60
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Phase D

NaOH 0.5N	Sodium Hydroxide	q.s.
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Procedure

Phase A: Add Phase A to main vessel under shear mixing and heat to 167°F to 176°F (75°C to 80°C). **Phase B:** Add Phase B in separate vessel under shear mixing and heat to 167°F to 176°F (75°C to 80°C). Once both vessels are at temperature, add Phase B to main vessel slowly under high shear. Begin cool down. **Phase C:** Add Phase C to Phase AB under continued shear mixing when main vessel has cooled to 104°F to 113°F (40°C to 45°C). **Phase D:** Q.s. Phase D into Phase ABC under shear mixing to desired pH between the range of 5.5 to 6.1. Once Phase ABCD has cooled below 86°F (30°C), transfer to final container.

Suppliers

¹Coast Southwest, Inc., ²CrossChem, ³Medolla Limited, ⁴ICSC International Cosmetic Science Centre, ⁵Sharon Personal Care

Properties

pH: 5.5 – 6.1

Viscosity: Spindle 5.0 @ 5.0 rpm = 65,000 – 75,000 cst.

FORMULATION PROVIDED BY:

CoastSouthwest™

For more information, contact coastsouthwest.com

GENTLE TOUCH GLYCOLIC ACID SHAMPOO

Infused with **GlyAcid® 70 HP**, the global standard in high-purity glycolic acid, this gentle yet effective shampoo removes oil and buildup while exfoliating the scalp for healthier, revitalized hair. Mild surfactants create a luxurious lather, cleansing without stripping moisture – leaving hair fresh, balanced, and beautifully nourished.

Phase A	INCI Name	% (w/w)
Deionized Water	Aqua	48.70
Glycerin ¹	Glycerin	4.00
Endiquest® GLDA ¹	Tetrasodium Glutamate Diacetate	0.20
Synthalen® W2000 ^{1,2}	Acrylates/Palmeth-25 Acrylates Copolymer	5.00

Phase B

DI Water	Aqua	48.70
GlyAcid® 70 HP ^{1,3}	Glycolic Acid (and) Water	2.5
NaOH 30% aq w/w	Sodium Hydroxide	q.s.

Phase C

Endinol® MILD B-Q18 ¹	Decyl Glucoside (and) Cocamidopropyl Hydroxysultaine (and) Cocoamidopropyl Betaine (and) Cocamide MIPA (and) Disodium Laureth Sulfosuccinate (and) Disodium Lauryl Sulfosuccinate	20.00
GlucoTain® Clear ¹	Capryloyl/Caproyl Methyl Glucamide	5.00
Endinol® B-MEVK ¹	Sodium Laureth Sulfate (and) Cocamide MEA (and) Cocoamidopropyl Betaine	5.00

Phase D

NaOH 30% aq w/w	Sodium Hydroxide	q.s.
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Phase E

Sharomix® Amplify AM-24 ^{1,4}	Caprylyl Glycol (and) Methylpropanediol (and) Didecylidimonium Chloride (and) Polyquaternium-80	0.50
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Procedure

Phase A: In main vessel, add and mix phase A until uniform.

Phase B: Mix phase B in separate vessel and adjust pH to 4.2 using sodium hydroxide. Phase B temperature will increase.

Allow phase B to cool to room temperature. Add phase B to phase A. **Phase C:** In a separate vessel, mix phase C until uniform then add to phase AB with slow mixing.

Phase D: Add phase D slowly to phase ABC until the pH reaches 5.5 to 6.0. As phase D is added to phase ABC, the mixture will thicken and become more transparent. **Phase E:** Add phase E, mix slowly. Transfer to holding vessel.

Suppliers

¹Coast Southwest, Inc., ²V Sigma-USA, ³CrossChem, ⁴Sharon Personal Care

Properties

pH: 5.5 – 6.5

Viscosity: Spindle 3 @ 5 rpm = 15,000 to 20,000 cst

FORMULATION PROVIDED BY:

CoastSouthwest

For more information, contact coastsouthwest.com

REPLENISHING SHAMPOO FOR STRESSED HAIR

Revive and restore stressed hair with this nourishing shampoo, featuring **GlyAcid® 70 HP** to repair the cortex, smooth the hair surface, and enhance manageability. It helps protect against moisture imbalance while making hair easier to comb, stronger, and more resilient – for a healthy, refreshed look every wash!

Phase A	INCI Name	% (w/w)
Demineralized Water	Aqua	≤ 100.00
EDTA	Tetrasodium EDTA	0.10
Acrylodimethyltaurate/VP Copolymer	Acrylodimethyltaurate/VP Copolymer	1.00
Glycerin 99.5%	Glycerin	5.00

Phase B

BergaSoft SCI 80 ¹	Sodium Cocyl Isethionate	10.00
BergaCare Pearl 2 ¹	Glycol Distearate	2.00
Cocamide DEA	Cocamide DEA	2.00

Phase C

BergaCare EM-HE7 ¹	PEG-7 Glyceryl Cocoate	3.00
Laureth-4	Laureth-4	2.00
Cocamidopropyl Betaine 30%	Cocamidopropyl Betaine	6.00

Phase D

GlyAcid® 70 HP ²	Glycolic Acid (and) Aqua	2.50
NaOH 25%	Sodium Hydroxide	Adjust pH -4

Phase E

Preservative/Fragrance	–	q.s.
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Procedure

Phase A: Weigh water, glycerin and add copolymer and EDTA while stirring until homogeneous. **Phase B:** Add all raw materials and heat up to 75°C. **Phase C:** Add raw material and cool to 40°C. **Phase D:** Add GlyAcid® 70 HP while stirring. **Phase E:** Adjust pH and preservative.

Suppliers

¹Berg + Schmidt, ²CrossChem

Properties

Note: For optimal effectiveness of GlyAcid®, we recommend working with a pH between 3.8 and 4.3

pH: 4

Viscosity: (24H) = na

Internal Ref: Gly Sh-007-BSC

FORMULATION PROVIDED BY:

Berg + Schmidt
Care Ingredients

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FIRST AID SHAMPOO TREATMENT

Rescue damaged hair with this intensive care shampoo, designed to restore and strengthen from the inside out. Its innovative formula targets structural damage caused by daily stress, providing instant nourishment and repair for healthier, more resilient hair. Gentle yet powerful – because your hair deserves first-class care!

Phase A	INCI Name	% (w/w)
Demineralized Water	Aqua	≤ 100.00
Carbopol Aqua SF-1 ³	Acrylates Copolymer	5.00
NaOH 25%	Sodium Hydroxide	adjust to pH ~8

Phase B

BergaSoft SCI 80 ¹	Sodium Cocoyl Isethionate	10.00
Glycerin 99.5	Glycerin	2.00
EDTA	Tetrasodium EDTA	0.20
Sorbitol 70%	Sorbitol	4.00

Phase C

BergaSoft LG 50 ¹	Lauryl Glucoside	5.00
BergaCare EM-HE7 ¹	PEG-7 Glyceryl Cocoate	3.00
Cocamidopropyl Betaine 30%	Cocamidopropyl Betaine	8.00

Phase D

GlyAcid® 70 HP ²	Glycolic Acid (and) Aqua	4.00
NaOH Solution 25%	Sodium Hydroxide	adjust pH ~4

Phase E

PCA Glyceryl Oleate	PCA Glyceryl Oleate	0.50
Silk Protein	Aqua, Hydrolyzed Silk, Potassium Sorbate	2.00

Phase F

Preservative/Fragrance	–	q.s.
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Procedure

Phase A: Weigh water and Carbopol Aqua, start stirrer and add NaOH until clear with pH ~8. **Phase B:** Add raw materials and heat to ~70°C. **Phase C:** Once fully dissolved, add materials and cool to 40°C while stirring. **Phase D:** Add GlyAcid® and NaOH and wait five minutes, then add **Phase E**. Preserve and adjust pH

Suppliers

¹Berg + Schmidt, ²CrossChem, ³Lubrizol

Properties

Note: For optimal effectiveness of GlyAcid®, we recommend working with a pH between 3.8 and 4.3

pH: ~4

Viscosity: (24H) = na

FORMULATION PROVIDED BY:

Berg + Schmidt
Care Ingredients

Our knowledge. Your formulations.

For more information, contact berg-schmidt.com

SHEER SHINE CONDITIONER FOR BRILLIANT APPEARANCE

Achieve radiant, silky-smooth hair with this luxurious conditioner, designed to enhance shine and manageability. Powered by **GlyAcid® 70 HP**, it smooths the hair surface, reducing roughness for a vibrant, glossy finish. Experience weightless hydration and effortless styling with every use!

Phase A	INCI Name	% (w/w)
Demineralized Water	Aqua	≤ 100.00
BergaCare FG 5¹	Ethylhexyl Palmitate (and) Ethylhexyl Stearate (and) Hydrogenated Olive Oil Unsaponifiables (and) Caprylic/Capric Triglyceride	5.00
Cetrimonium Chloride	Cetrimonium Chloride	2.0
Aloe Vera	Aloe Barbadensis Leaf Juice Powder	0.20
Hydroxyethylcellulose	Hydroxyethylcellulose	0.50

Phase B

Vegarol 1618 50:50¹	Cetearyl Alcohol	3.00
BergaCare SB¹	Butyrospermum Parkii (Shea) Butter	2.00
Stearyl Alcohol	Stearyl Alcohol	2.00
Cetyl Alcohol	Cetyl Alcohol	2.00
Grape Seed Oil	Vitis Vinifera (Grape) Seed Oil	1.00
Cocos Oil	Cocos Nucifera Oil	1.00
Glyceryl Stearate Citrate	Glyceryl Stearate Citrate	1.00

Phase C

GlyAcid® 70 HP²	Glycolic Acid (and) Water	2.00
NaOH (25% solution)	Sodium Hydroxide	2

Phase D

Hydrolyzed Wheat Protein Panthenol	Hydrolyzed Wheat Protein Panthenol	2.00
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Phase E

Preservative/Fragrance	—	q.s.
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Procedure

Phase A: Weigh water, BergaCare FG 5 and cetrimonium chloride then begin stirring. Add aloe vera and hydroxyethylcellulose and continue to stir. **Phase B:** Add Phase B raw materials and heat to 75°C. Add Phase B to Phase A while stirring, homogenize for 30 seconds. Cool to 40°C.

Phase C: Add GlyAcid® mix and Phase D. Adjust pH and preserve.

Suppliers

¹Berg + Schmidt, ²CrossChem

Properties

Note: For optimal effectiveness of GlyAcid®, we recommend working with a pH between 3.8 and 4.3

pH: ~4

Viscosity: (24H) = n/a

Internal Ref:

FORMULATION PROVIDED BY:

Berg + Schmidt
Care Ingredients

Our knowledge. Your formulations.

For more information, contact berg-schmidt.com

PROTECTIVE LEAVE-IN CONDITIONING SPRAY

Shield your hair from daily stress with this lightweight, leave-in treatment. Infused with **GlyAcid®** and BergaCare, it nourishes, hydrates, and defends against dirt, sunlight, and humidity. The carefully crafted formula ensures a soft, silky feel that lasts all day – protection and care in every spray!

Phase A	INCI Name	% (w/w)
Demineralized Water	Aqua	≤ 100.00
Glycerin (99.5%)	Glycerin	2.00
Xanthan Gum	Xanthan Gum	0.20

Phase B

BergaCare FG 5¹	Ethylhexyl Palmitate (and) Ethylhexyl Stearate (and) Hydrogenated Olive Oil Unsaponifiables (and) Caprylic/Capric Triglyceride	3.00
BergaCare SB¹	Butyrospermum Parkii (Shea) Butter	1.50
Ceteareth-20	Ceteareth-20	2.00
Glyceryl Stearate Citrate	Glyceryl Stearate Citrate	0.50
Steareth-2	Steareth-2	2.00

Phase C

GlyAcid® 70 HP²	Glycolic Acid (and) Water	2.50
NaOH (25% solution)	Sodium Hydroxide	2.50

Phase D

Preservative/Fragrance	-	q.s.
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Procedure

Phase A: Weigh water and glycerin and add xanthan gum while stirring. **Phase B:** Weigh all raw materials from Phase B and heat both phases up to ~75°C. Once oil phase is dissolved, add to Phase A while stirring and homogenize for 30 seconds. **Phase C:** Cool to 40°C, add Panthenol and GlyAcid® mix and preserve with Phase D.

Suppliers

¹Berg + Schmidt, ²CrossChem

Properties

Note: For optimal effectiveness of GlyAcid®, we recommend working with a pH between 3.8 and 4.3

pH: ~4

Viscosity: (24H) = na

FORMULATION PROVIDED BY:

Berg + Schmidt
Care Ingredients

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For more information, contact berg-schmidt.com

HAIR SHAMPOO & BODY WASH

Simplify your routine with this all-in-one shampoo and body wash, powered by **GlyAcid®**. Designed to cleanse and care for both hair and skin, it provides gentle exfoliation, hydration, and freshness in a single step – leaving you feeling revitalized, smooth, and refreshed every day!

Phase A	INCI Name	% (w/w)
Deionized Water	Aqua	≤ 100.00
Jaguar® Excel¹	Guar Hydroxypropyltrimonium Chloride	0.50
MG-60¹	Maltooligosyl Glucoside (and) Hydrogenated Starch Hydrolysate	1.00
Phase B		
Miracare® NSLB¹	Sodium Trideceth Sulfate Sodium Lauroamphoacetate Diethylhexyl Sodim Sulfosuccinate	48.00
Phase C		
BHT	BHT	0.05
Olive Oil	Olea Europaea (Olive) Fruit Oil	7.00
Phase D		
2024711 AD Apple Fresh¹	Perfume	1.50
Phase E		
GlyAcid® 70 HP²	Glycolic Acid (and) Water	2.00
Preservative	Preservative	0.50

Procedure

Phase A: Disperse Jaguar® Excel in water then add other phase A ingredients, mix well. **Phase B:** Add phase B to phase A and mix for 10 minutes. **Phase C:** Heat phase C to 50° C. Add heated phase to phase AB, mix for 10 minutes. **Phase D:** Add phase D to phase ABC, mix for five minutes. **Phase E:** Add phase E to phase ABCD, mix for 10 minutes.

Suppliers

¹Brenntag, ²CrossChem

Properties

pH: 5.50

Viscosity: (24H) = na

Internal Ref: LHC20191115

FORMULATION PROVIDED BY:



For more information, contact [brenntag.com](https://www.brenntag.com)

KERATIN HAIR SERUM

This intensive conditioning serum, powered by **GlyAcid® 70 HP**, delivers deep hydration and repair to strengthen damaged hair. By restoring hydrogen lateral links within the hair cortex, it enhances resilience, smoothness, and shine, leaving hair stronger, healthier, and beautifully nourished with every use!

Phase A	INCI Name	% (w/w)
Demin. Water	Aqua	≤ 100.00
Tetrasodium EDTA	EDTA	0.10
Satiaxane VPS 930 ¹	Xanthan Gum	0.20
Zemea® Propanediol ¹	1,3-Propanediol	3.00
AC Plant Keratin PF ¹	Hydrolyzed Corn Protein & Hydrolyzed Wheat Protein & Hydrolyzed Soy Protein	0.50
MG-60 ¹	Maltooligosyl Glucoside (and) Hydrogenated Starch Hydrolysate	1.00
Trahalose 100 ¹	Trahalose	1.00
GlyAcid® 70 HP ²	Glycolic Acid (and) Water	1.00
Coconut-Avocado Hair Milk ¹	Water (and) Cocos Nucifera (Coconut) Oil (and) Persea Gratissima (Avocado) Oil (and) Propanediol (and) Glyceryl Stearate (and) Phospholipids (and) Cocos Nucifera (Coconut) Liquid Endosperm (and) Cocos Nucifera (Coconut) Fruit Juice (and) Polyglyceryl-10 Oleate (and) Polyglyceryl-10 Dioleate (and) Cetearyl Alcohol (and) Sodium Stearoyl Lactylate (and) Glycerin	2.00
Optiphen BSB-W ¹	Benzyl Alcohol (and) Aqua (and) Sodium Benzoate (and) Potassium Sorbate	0.30

Procedure

Phase A: For specific procedures, contact your local Brenntag representative.

Suppliers

¹Brenntag, ²CrossChem

Properties

pH: Adjust as desired

Viscosity: (24H) = na

Internal Ref: 20FKHS-01

FORMULATION PROVIDED BY:



For more information, contact [brenntag.com](https://www.brenntag.com)

MICELLAR GLYCOLIC CONDITIONER

Powered by **GlyAcid® 70 HP**, Polycare®, Erylite®, and Zemea®, this advanced conditioner nourishes and revitalizes hair for a silky-smooth feel and radiant appearance. Its micellar technology gently restores moisture, enhances manageability, and strengthens strands – leaving hair soft, healthy, and beautifully conditioned with every use!

Phase A	INCI Name	% (w/w)
Deionized Water	Aqua	≤ 100.00
Sodium gluconate	Sodium Gluconate	0.10
Jaguar® HP 105¹	Hydroxypropyl Guar	0.50
Erylite® Erythritol F8030¹	Erythritol	2.00
Polycare® Split Therapy¹	Hydropropyl Guar Hydroxpropyltrimonium Chloride	0.30
Jaguar® Optima¹	Guar Hydroxpropyltrimonium Chloride	0.20
Purac® UltraPure 90¹ (to pH 4.0-4.5)	Lactic Acid	q.s.
Zemea® Propanediol¹	1,3-Propanediol	3.00

Phase B

Fentacare® 2231 MS 1 90¹	Behentrimonium Methosulfate	3.00
Ceterayl Alcohol	Cetearyl Alcohol	8.50
Makcaderm LIA¹	Isoamyl Laurate	3.50

Phase C

Fentacare® 1631	Cetrimonium Chloride	3.00
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Phase D

2004543 Love Potion F.¹	Fragrance	1.00
Preservative	Preservative	0.50

Phase E

GlyAcid® 70 HP²	Glycolic Acid (and) Aqua	2.00
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Phase F

Sodium Hydroxide (to pH 4.0-4.5)	Sodium Hydroxide	q.s.
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Procedure

Phase A: Mix phase A in water and then disperse Jaguar® Excel and Polycare® Split Therapy in water and adjust pH to 3.5-5.0.

Phase B: Melt phase B at 70-75°C and add phase until homogeneous. **Phase C:** Add phase C to part AB until homogeneous. **Phase D & E:** Cool to 40-45°C, add phase DE, stir until homogeneous. **Phase F:** Adjust pH to 4.00-4.50.

Suppliers

¹Brenntag, ²CrossChem

Properties

pH: 4.12

Viscosity: Spindle 63 @ 0.3 rpm = 241.000 cP

Internal Ref: LHC20191008

FORMULATION PROVIDED BY:



For more information, contact [brenntag.com](https://www.brenntag.com)

REGENERATING HAIR CONDITIONER

Restore silky, lustrous hair with this nourishing conditioner, enriched with honey, vitamin E, and **GlyAcid® 70 HP**. Designed to hydrate, strengthen, and revitalize, it smooths the hair surface for a soft, radiant finish – bringing dull, tired strands back to life!

Phase A	INCI Name	% (w/w)
Demin. Water	Aqua	≤ 100.00
Tetrasodium EDTA	EDTA	0.10
Mackine 301 ¹	Stearamidopropyl Dimethylamine	1.50
GlyAcid® 70 HP ²	Glycolic Acid (and) Aqua	1.00
MG-60 ¹	Malto oligosyl Glucoside (and) Hydrogenated Starch Hydrolysate	1.50
Zemea® Propanediol ¹	1,3-Propanediol	2.00

Phase B

CO 1698 ¹	Cetyl Alcohol	2.00
Lipomulse Luxe ¹	Cetearyl Alcohol (and) Glyceryl Stearate (and) PEG-40 Stearate (and) Ceteareth 20	5.00
Lipovol Argan Virgin ¹	Argania Spinosa Kernel Oil	3.00
Liponate CCC MB ¹	Coco-Caprylate/Caprate	1.00
Vitamin E ¹	Tocopheryl Acetate	1.00

Phase C

AC Quaternized Honey ¹	Hydroxypropyltrimonium Honey	1.00
AC Plant Keratin PF ¹	Hydrolyzed Corn Protein & Hydrolyzed Wheat Protein & Hydrolyzed Soy Protein	0.50
Glydant Plus Liquid ¹	DMDM Hydantoin (and) Todopropynyl Butylcarbamate	0.30
KOH Solutino (50%)	Potassium Hydroxide	0.80
Timeless Rose ¹	Fragrance	0.50

Procedure

Phase A: For specific procedures, contact your local Brenntag representative.

Suppliers

¹Brenntag, ²CrossChem

Properties

pH: Adjust as desired

Viscosity: (24H) = na

Internal Ref: 19FRHC-01

FORMULATION PROVIDED BY:



For more information, contact [brenntag.com](https://www.brenntag.com)

REJUVENATING SULFATE-FREE SHAMPOO

This repairing, sulfate-free shampoo restores vitality with proteins and **GlyAcid® 70 HP**. Designed to gently cleanse, strengthen, and rejuvenate, it enhances moisture retention and hair resilience for a healthier, shinier look – without stripping essential oils. Perfect for reviving tired, stressed hair!

Phase A	INCI Name	% (w/w)
Deionized Water	Aqua	≤ 100.00
EDTA	EDTA	0.30
Jaguar® Excel ¹	Guar Hydroxypropyltrimonium Chloride	0.20
GlyAcid® 70 HP ²	Glycolic Acid (and) Water	3.00
Miracare Soft S-525 ¹	Water, Sodium Methyl Cocyl Isethionate, Sodium Methyl Oleyl Taurate, Cocamide MIPA, Decyl Glucoside, Cocamidopropyl Hydroxysultaine	20.00
Mackanate EL ¹	Disodium Laureth Sulfosuccinate	0.50
AC Plant Keratin PF ¹	Hydrolyzed Corn Protein & Hydrolyzed Wheat Protein & Hydrolyzed Soy Protein	0.50
Zemea® Propanediol ¹	1,3-Propanediol	3.00
Flocare C107 LM ¹	Polyquaternium 7	1.00
KOH Solution (50%)	Potassium Hydroxide	0.30
Glydant Plus Liquid ¹	DMDM Hydantoin (and) Todopropynyl Butylcarbamate	3.50
Timeless Rose ¹	Fragrance	0.50

Procedure

Phase A: Add EDTA to water, mix until homogeneous. Add Jaguar® Excel and mix until well dispersed. Hydrate by adjusting pH to 3.5-5.0 using citric acid, mix for 15 minutes. Once hydrated to full viscosity, add amphoterics/non-ionic surfactant first, Miracare Soft S-525, 20%. Add anionic surfactant and mix until homogeneous (Mackanate EL). Add remaining ingredients and mix until homogeneous.

Suppliers

¹Brenntag, ²CrossChem

Properties

Internal Ref: 20FRSFS-01

FORMULATION PROVIDED BY:

B BRENNTAG

For more information, contact brenntag.com

REPLENISHING SHAMPOO WITH GLYACID®

Infused with Reinolderm and **GlyAcid® 70 HP**, this nourishing shampoo replenishes moisture, restores vitality, and enhances hair's natural beauty. The Love Potion fragrance adds a touch of indulgence, leaving hair soft, refreshed, and beautifully scented with every wash. Revive your hair with every drop!

Phase A	INCI Name	% (w/w)
Demin. Water	Aqua	≤ 100.00
Sodium Gluconate ¹	Sodium Gluconate	0.10
Erythritol Erylite ¹	Erythritol	2.00
Mackol® CAS 100N	Sodium Coco-Sulfate	10.00
Zemea® Propanediol ¹	1,3-Propanediol	2.00

Phase B

Miranol® Ultra C-32 ¹	Sodium Cocoamphoacetate	6.00
Miratan® BET C-30 NP ¹	Cocamidopropyl Betaine	8.00

Phase C

GlyAcid® 70 HP ²	Glycolic Acid (and) Water	1.00
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Phase D

Preservative	Preservative	0.50
Reinolderm OLV3 ¹	Olive Oil PEG-7 Esters	3.00

Phase E

2004543 Love Potion F ¹	Fragrance	1.50
Alkamuls® CRH40	PEG-40 Hydrogenated Castor Oil	1.50

Procedure

Phase A: Premix phase A and heat to 70-80°C, stir until clear.

Phase B: Add phase B to phase A, stir until homogeneous.

Phase C & D: Add phase C and phase D to AB, stir until homogeneous. **Phase E:** Premix phase E and add to ABCD, stir until homogeneous. Adjust pH to 4.00-4.50.

Suppliers

¹Brenntag, ²CrossChem

Properties

pH: 4.18

Viscosity: Spindle 62 @ 30 rpm = 591.9 cP

Internal Ref: LHC20191007

FORMULATION PROVIDED BY:

 **BRENNTAG**

For more information, contact [brenntag.com](https://www.brenntag.com)

GLYACID® SHAMPOO BT

Formulated with **GlyAcid®**, Miranol®, and Mirataine®, this advanced shampoo enhances hair manageability, smoothness, and shine. Its unique blend of ingredients gently cleanses while nourishing and revitalizing strands, leaving hair soft, healthy, and beautifully refreshed with every wash!

Phase A	INCI Name	% (w/w)
DI Water	Aqua	≤ 100.00
Sodium Gluconate	Sodium Gluconate	0.10
Erythritol Erylite	Erythritol	2.00
Palmonate 6709F	Sodium Methyl Palmitate Sulfonate	10.00
Palmester 5101	Glycol Distearate	2.00
Zemea® Propanediol¹	1,3-Propanediol	5.00

Phase B		
Soypon L-30	Sodium Lauroyl Sarcosinate	5.00
Miranol® Ultra L-32¹	Sodium Laurophosphate	3.00
Mirataine® BET C-30 NP¹	Cocamidopropyl Betaine	8.00

Phase C		
GlyAcid® 70 HP²	Glycolic Acid (and) Water	2.50

Phase D		
Preservative	Preservative	0.50
Reinolderm OLV3¹	Olive Oil PEF-7 Esters	3.00
2024429 Frumix Strong¹	Fragrance	1.00

Phase E		
Cocamide DEA	Cocamide DEA	1.00
Sodium Hydroxide to pH 6.0-7.0	Sodium Hydroxide	q.s.

Procedure

Phase A: Premix phase A and heat to 70-80°C, stir until clear.

Phase B: Add phase B to phase A, stir until homogeneous.

Phase C: Add phase C to phase AB, stir until homogeneous.

Phase D: Add phase D to phase ABC, stir until homogeneous.

Phase E: Add phase E to phase ABCD, stir until homogeneous.

Suppliers

¹Brenntag, ²CrossChem

Properties

pH: 6.65

Viscosity: Spindle 62 @ 20 rpm = 1,042 cP

Internal Ref: LHC20191007

FORMULATION PROVIDED BY:



For more information, contact [brenntag.com](https://www.brenntag.com)

GLYACID® SCALP & HAIR MASQUE

Gently exfoliate dirt and buildup without irritation or grit. This lightweight masque, enriched with **GlyAcid®** and the JD Jojoba Hair Complex, hydrates, conditions, and refreshes the scalp while rinsing out effortlessly. No scrubbing, no residue – just healthy, nourished hair and a revitalized scalp with every use!

Phase A	INCI Name	% (w/w)
DI Water	Aqua	73.00
GlyAcid® 70 HP ^{1,2}	Glycolic Acid	2.00
Sodium Hydroxide	Sodium Hydroxide	q.s.

Phase B

Glycerin	Glycerin	5.00
Endicare® DLP-50 ¹	Panthenol	1.00

Phase C

JD Jojoba Hair Complex ^{1,3}	Simmondsia Chinensis (Jojoba) Seed Oil, Cocos Nucifera (Coconut) Oil, Cannabis Sativa Seed Oil, Solanum Lycopersicum Seed Oil (and) Caprylic/Capric Triglyceride (and) Vaccinium Macrocarpon Seed Oil (and) Helianthus Annuus Seed Oil (and) Tocopherol	5.50
JD Jojoba Oil ^{1,3}	Simmondsia Chinensis (Jojoba) Seed Oil	
Endimate® 33V ¹	Caprylic/Capric Triglyceride	
Olivatis® 18 ^{1,4}	Olive Oil Polyglyceryl-6 Esters (and) Sodium Stearoyl Lactylate (and) Cetearyl Alcohol	
Endicare® CT-100 ¹	Cetearyl Alcohol (and) Cetrimeronium Bromide	5.50

Phase D

Sharomix™ Amplify AM24 ^{1,5}	Caprylyl Glycol (and) Methylpropanediol (and) Didecylidimonium Chloride (and) Polyquaternium-80	
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Procedure

Phase A: Add DI Water to main vessel then neutralize the GlyAcid® 70 HP to pH 4.50. **Phase B:** Add Phase B ingredients to Phase A with mixing and begin heating to 70°C. **Phase C:** Add Phase C ingredients to a side vessel and begin heating to 70°C. When both Phase AB and Phase C are at 70°C, then add Phase C to Phase AB and begin cooling. **Phase D:** At 40°C, add Phase D to Phase ABC.

Suppliers

¹Coast Southwest, Inc., ²CrossChem, ³Jojoba Desert (S.C.S. LTD.), ⁴Medolla Iberia S.L., ⁵Sharon Personal Care

Properties

pH: 5.5 – 6.65

Viscosity: Spindle 4 @ 30 rpm = 2,300 – 3,700 cst

FORMULATION PROVIDED BY:

CoastSouthwest™

For more information, contact coastsouthwest.com

LOCK IN MOISTURE & BANISH FRIZZ HAIR GEL

Tame frizz and lock in lasting moisture with this high-performance gel, powered by **GlyAcid® 70 HP** for scalp renewal and hydration. This formaldehyde-free formula supports cellular replenishment, while Sharomix™ Amplify AM-24 ensures superior microbiological protection. Say hello to smooth, manageable, and beautifully styled hair!

Phase A	INCI Name	% (w/w)
Deionized Water	Deionized Water	68.30
Synthalen® W2000 ^{1,2}	Acrylates/Palmeth-25 Acrylate Copolymer	9.00
Tetrasodium EDTA	Tetrasodium EDTA	0.10
Endicare® DLP-50 ¹	Panthenol	0.50
Glycerin 99.7% USP ¹	Glycerin	1.50
Propylene Glycol	Propylene Glycol	2.00
Endicare® DPC-530S ¹	Polyethyloxazoline	12.00
Endisil® FS-193 ^{1,3}	PEG-12 Dimethicone	4.00

Phase B

GlyAcid® 70 HP ^{1,4}	Glycolic Acid	2.00
NaOH 30%	Sodium Hydroxide	q.s.

Phase C

Conditioner P7NA ^{1,2}	Polyquaternium-7	0.10
Sharomix™ Amplify AM-24 ^{1,5}	Caprylyl Glycol (and) Methylpropanediol (and) Didecylidimonium Chloride (and) Polyquaternium 80	0.50

Procedure

Phase A: Combine in formula order while mixing with propeller agitator until fully uniform. **Phase B:** Add GlyAcid® 70 HP to main vessel. Adjust pH between 6.0 to 6.5 with Sodium Hydroxide.

Phase C: Add Phase C in formula order to batch AB while continuously mixing. Transfer to final container once uniform.

Suppliers

¹Coast Southwest Inc., ²3V Sigma-USA, ³Momentive,

⁴CrossChem, ⁵Sharon Personal Care

Properties

pH: 6.0 – 6.5

Viscosity: #4 @ 6.0rpm (25°C) 20,000 to 25,000 cst.

FORMULATION PROVIDED BY:

CoastSouthwest

For more information, contact coastsouthwest.com

TREAT YOUR BEARD LIKE A ROCK STAR

Modern grooming demands versatility with style. This premium beard wash, powered by high-purity, formaldehyde-free **GlyAcid® 70 HP**, cleanses, hydrates, and revitalizes – keeping your beard soft, fresh, and stage-ready. Because a rock star beard deserves the best, every single day!

Phase A & Phase B	INCI Name	% (w/w)
Deionized Water	Deionized Water	43.80
Glycerin 99.7, USP¹	Glycerin	4.00
Endiquest® GLDA¹	Tetrasodium Glutamate Diacetate	0.10
Endicare® DLP-50¹	Panthenol	43.80
Endinol® MILD B-SF65A1	Sodium Cocoyl Isethionate (and) Cocamidopropyl Hydroxysultaine (and) Lauryl Glucoside (and) Cocamidopropylamine Oxide (and) Caprylyl Capryl Glucoside	25.00
Endinol® MILD LG-12501	Lauryl Glucoside	5.00
Endinol® MILD LG-10501	Decyl Glucoside	5.00

Phase C & Phase D

Olivatis® 21^{1,2}	Olive Oil PEG-6 Esters (and) Olive Oil Polyglyceryl-6 Esters	3.00
Yangu Oil ¹	Calodendrum Capense Seed Oil	1.40
Bergamot Italian Oil ¹	Citrus Aurantium Bergamia Fruit Oil	1.00
Peppermint Gum Oil ¹	Eucalyptus Dives Leaf/Twig Oil	0.30
Balm Mint Bush Oil ¹	Prostanthera Melissifolia Leaf/Twig Oil	0.30
GlyAcid® 70 HP^{1,3}	Glycolic Acid	2.00
NaOH 30% w/w Solution	Sodium Hydroxide	q.s.

Phase E & Phase F

Synthalen® W2000^{1,4}	Acrylates/Palmeth25 Acrylate Copolymer	6.00
NaOH 30% w/w Solution	Sodium Hydroxide	q.s.
Novachem Golden Milk^{1,5}	Water (and) Glycerin (and) Curcuma Zedoaria Root Extract (and) Piper Nigrum (Pepper) Fruit Extract (and) Crocus Sativus Flower Extract	2.00
Conditioner P7N^{A1,4}	Polyquaternium-7	0.10
Sharomix® Amplify AM-24^{1,6}	Caprylyl Glycol (and) Methylpropanediol (and) Didecylidimonium Chloride (and) Polyquaternium 80)	0.50

Procedure

Phase A: In main vessel, add Phase A while mixing. **Phase B:** Heat Phase A to 35°C to 40°C, then add Phase B surfactants to main vessel. Mix until dissolved. **Phase C:** In a separate container, pre-mix oils and emulsifier until continuous, then slowly add Phase C to Phase AB under moderate to high shear. **Phase D:** Add GlyAcid® 70 HP to Phase ABC and neutralize until pH 5 to 6. **Phase E:** Add carbomer and neutralize until pH 5 to 6. **Phase F:** At 30°C, add Phase F to Phase ABCDE and mix until continuous.

Suppliers

¹Coast Southwest Inc., ²Medolla Iberia S.L., ³CrossChem, ⁴3V Sigma USA, ⁵Novachem S.R.L., ⁶Sharon Personal Care

Properties

pH: 5 – 6

Viscosity: #2 @100 rpm (25°C) – 100 to 200 cst.

FORMULATION PROVIDED BY:

CoastSouthwest™

For more information, contact coastsouthwest.com

LOCIÓN CAPILAR

Esta loción capilar avanzada mejora la lubricidad de la fibra capilar, realineando y reconectando las capas de queratina de la cutícula. Aporta volumen, facilita el peinado y repara la estructura capilar día tras día, fortaleciendo el cabello y aumentando su resistencia y vitalidad. ¡Cabello más fuerte y saludable!

Fase	Nombre INCI	% (w/w)
1 Agua	Water	78.5
2 Queratrix ¹	Hydrolyzed Keratin (and) Creatine	2.00
3 GlyAcid [®] 70 HP ²	Glycolic Acid	1.50
4 Phaniligne 2 ³	Hydrolyzed Wheat Protein (and) Methicone	2.00
5 Plantool ⁴	Acacia Senegal Gum Extract	2.00
6 T-20	Polysorbate-20	1.00
7 Euxyl K-300 ⁴	Phenoxyethanol, Methylparaben, Butylparaben, Ethylparaben, Propylparaben, Isobutylparaben	1.00
8 Alcohol	Alcohol	1.00
9 Alistin ³	Decarboxy Carnosine Hcl (and) Butylene Glycol (and) Water (and) Fenoxietanol	2.00

Procedimiento

Mezclar uno a uno los materiales con agitación constante.

Proveedores

¹Aqia, ²CrossChem, ³Exsymol, ⁴Ashland,

Propiedades

ph: 4.0 – 6.0

Viscosidad: n.a.

FORMULACIÓN APORTADA POR:



Para más información, contactar con sintoquim.com

EXFOLIANTE CUERO CABUELLUDO CON ÁCIDIO GLICÓLICO

Elimina células muertas, residuos de productos, transpiración y sebo con esta limpieza profunda que impulsa la renovación celular. Formulado con Ormagel SH para minimizar la irritación y Bio Acetum Balsámico para controlar el exceso de grasa, dejando el cuero cabelludo fresco, equilibrado y revitalizado.

Fase	Nombre INCI	% (w/w)
1 Agua	Water	89.64
2 Dermothix 100 ¹	Disteareth-100 IPDI	0.44
3 Ormagel SH ²	Hypnea Musciformis Extract, Gelidiella Acerosa Extract, Sargassum Filipendula Extract, Sorbitol, Sodium Benzoate and Potassium Sorbate	2.42
4 Bio Acetum Balsámico ³	Vinegar (and) Vitis Vinifera (Grape) Fruit Extract (and) Water (and) Fructose (and) Glucose (and) Gluconic Acid (and) Gluconolactone (and) Caesalpinia Spinosa Gum (and) Commiphora Myrrha Resin Extract (and) Myroxylon Balsamum (Balsam Tolu) Resin (and) Styra Benzoin Resin Extract	3.00
5 GlyAcid® 99 HP ⁴	Glycolic Acid	3.00
6 Euxyl PE9010 ⁵	Phenoxyetanol and Ethylhexylglycerin	1.00
7 Fragancia Eucalipto	Sin dato	0.50

Procedimiento

1. Pesar e incorporar ingrediente 1 y 2 hasta homogeneizar .
2. Adicionar los ingredientes restantes hasta homogeneizar.
3. Proceder a envasar.

Proveedores

¹Alzo, ²Assessa, ³Aqia, ⁴CrossChem, ⁵Ashland

Propiedades

Ph: 3.5 – 5.0

Viscosidad: 300-500 cps Sp 64 / 20 rpm / 20s

FORMULACIÓN APORTADA POR:



Para más información, contactar con sintoquim.com

LOVE IS IN THE HAIR-SPRAY

This lightweight conditioning emulsion spray nourishes lengths and tips, leaving hair soft, smooth, and tangle-free. Infused with moisturizing ingredients, it enhances shine and manageability without weighing hair down. A perfect touch of care for silky, healthy-looking strands every day!

Phase A	INCI Name	% (w/w)
demin. Water	Aqua	83.8
Glycerin 99.5% ¹	Glycerin	2.0
Xanthan Gum ²	Xanthan Gum	0.2
Phase B		
BergaCare FG Olive ³	Hydrogenated Ethylhexyl Olivat (and) Hydrogenated Olive Oil unsaponifiables	3.0
BergaCare SB ³	Butyrospermum Parkii (Shea) Butter	1.5
Zetemuls B20 ⁴	Ceteareth-20	2.0
Steareth-2 ¹	Steareth-2	2.0
Glyceryl Stearate Citrate ¹	Glyceryl Stearate Citrate	0.5
Phase C		
GlyAcid® 70 HP ⁵	Glycolic Acid (and) Water	2.5
NaOH (25% Solution) ¹	Sodium Hydroxide	2.5
Phase D		
Preservative/Fragrance	–	q.s.

Procedure

Phase A: Weigh in Glycerin, add Xanthan Gum under stirring and water subsequently, heat up to 75°C. **Phase B:** Weigh in all raw materials from phase B under stirring and heat up to 75°C until homogeneous. **Phase C:** Add phase B to A while stirring and homogenize for 30 seconds at 7000 rpm with Ultra Turrax.

Phase D: Cool down to 40°C, add pre-mixed phase C, adjust the pH to 4.0 and preserve

Suppliers

¹Diverse, ²CP Kelco, ³Berg+Schmidt, ⁴Zschimmer & Schwarz, ⁵CrossChem

Properties

pH: 4.0

Viscosity (24 hr): 480 Cps

Internal Ref.: Hair Care-012-BSC

FORMULATION PROVIDED BY:

Berg+Schmidt
Care Ingredients

Our knowledge. Your formulations.

For more information, contact berg-schmidt.com

CHEVEUX DIVAS – MUSHROOM PROTECT HAIR SERUM

Give your hair the ultimate defense with Cheveux Divas – Mushroom Protect Hair Serum! Infused with mushroom extracts and **GlyAcid®**, this powerhouse formula strengthens, hydrates, and shields strands from damage. Say goodbye to frizz and hello to smooth, resilient, and radiant hair – because every diva deserves flawless locks!

Phase A	INCI Name	% (w/w)
Deionized Water	Aqua	Ad 100
Sodium Benzoate ¹	Sodium benzoate	0.5
Actigum VSX20 ²	Sclerotium Gum & Xanthan Gum	1
Diglycerol	Diglycerol	2

Phase B

Deionized Water	Aqua	25
Polycare Split Therapy ⁴	Hydroxypropyl Guar Hydroxypropyltrimonium Chloride	0.5
Citric acid solution 10%	Citric acid solution 10%	0.18

Phase C

GlyAcid® 70 HP ⁵	Glycolic acid	0.5
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Phase D

16916 Mycofuse Protect ⁶	Water & Lentinus Edodes Mycelium Extract & Lactobacillus Ferment	1
Specifeel Solplus ⁷	Polysorbate 20, PEG 40 Hydrogenated Castor Oil, Trideceth – 9	0.5
Fragrance	Fragrance	0.25

Procedure

Phase A: Solubilize Sodium Benzoate and Diglycerol in order into water. Add Actigum VSX20 and homogenized for 5 – 10 minutes.

Phase B: Disperse Polycare Split Therapy in water, neutralize with citric acid solution. Add to Phase A, mix until homogenous.

Phase C: Add **GlyAcid® 70 HP** to phase A, mix until homogenous. **Phase D:** Add Mycofuse Protect to phase A, mix until homogenous. **Phase E:** Disperse fragrance in specifeel solplus, add to phase A, mix until homogenous.

Suppliers

¹ Wuhan, ²Cargill, ³Inovyn, ⁴Solvay, ⁵**CrossChem**, ⁶Active Concepts, ⁷Roelmi

Properties

pH: 3.5 – 4.5

Viscosity: 1970 cps (sp03;20 rpm)

FORMULATION PROVIDED BY:

B BRENNTAG

For more information, contact brenntag.com

CHEVEUX DIVAS – SILICONE-FREE CONDITIONER

Nourish your hair the natural way with Cheveux Divas – Silicone-Free Conditioner!

Infused with **GlyAcid®**, this lightweight formula hydrates, smooths, and strengthens without buildup. Enjoy soft, manageable, and vibrant hair with every use – because true divas shine without silicones!

Phase A	INCI Name	% (w/w)
Deionized Water	Aqua	q.s. to 100
TEDTA	TEDTA	0.10
Liponic EG-1 ¹	Glycereth-26	2.00
Zemea® Propanediol	Propanediol	1.00
Fentacare BTAC DPG 70 ²	Behentrimonium Chloride	1.50

Phase B

Lipomulse Luxe MB¹	Cetearyl Alcohol (and) Glyceryl Stearate (and) PEG-40 Stearate (and) Cetareth-20	3.00
CO 1698³	Cetyl Alcohol	4.00
Mackaderm LIA MB²	Isoamyl Laurate (Solvay)	2.00
DW Jojoba Golden¹	Simmondsia Chinensis (Jojoba) Seed Oil	1.00

Phase C

AC PolyJackharides⁴	Water & Artocarpus Heterophyllus Fruit Extract	1.00
GlyAcid® 70 HP⁵	Glycolic Acid	0.80
Timeless Rose SH⁶	Fragrance	0.30
MG-60⁷	Maltotriose GlucosideHydrogenated Starch Hydrolysate	0.80
Conarom P2⁸	Phenethyl Alcohol (and) Caprylyl Glycol (and) Propanediol (and) Polyglyceryl-4 Laurate/Sebacate (and) Polyglyceryl-6 Caprylate/Caprate	1.00

Procedure

Add TEDTA in water and mix until homogenous. Heat **Phase A** up to 70-75°C. Simultaneously, heat Phase B to 70-75°C. Add

Phase B to Phase A, mix until homogenous. Cool to below 40°C. Add the rest of **Phase C**. Mix after each addition.

Suppliers

¹Vantage, ²Solvay, ³P and G Chemicals, ⁴Active Concepts,

⁵CrossChem distributed by Brenntag, ⁶CPL Aromas, ⁷Nagase,

⁸Ashland

Properties

pH: 4.50 ± 0.25

Viscosity: (62,30)

FORMULATION PROVIDED BY:

B BRENNTAG

For more information, contact brenntag.com

CHEVEUX DIVAS – SPLIT REPAIR HAIR SERUM

Say goodbye to split ends with Cheveux Divas – Split Repair Hair Serum! Powered by **GlyAcid®**, this advanced formula strengthens, smooths, and seals damaged ends, restoring hair's softness and shine. Get healthier, more resilient strands with every use – because every diva deserves flawless, frizz-free hair!

Phase A	INCI Name	% (w/w)
Deionized Water	Aqua	q.s. to 100
TEDTA	TEDTA	0.10
Polycare Split Therapy¹	Hydroxypropyl Guar Hydroxypropyltrimonium Chloride	0.80
GlyAcid® 70 HP²	Glycolic Acid	0.80
AC PolyJackharides³	Water and Artocarpus Heterophyllus Fruit Extract	1.00
Jojoba Aqua 120⁴	Jojoba Wax PEG-120 Esters	1.00
Zemea® Propanediol	Propanediol	2.00
Alkamuls PSML-20⁴	Polysorbate 20	0.20
Conarom P2⁵	Phenethyl Alcohol (and) Caprylyl Glycol (and) Propanediol (and) Polyglyceryl-4 Laurate/Sebacate (and) Polyglyceryl-6 Caprylate/Caprate	1.00

Procedure

Phase A: Add TEDTA in water and mix until homogenous. Add Polycare Split Therapy and mix until homogenous. Add glycolic acid, mix until viscosity develops, and PST is hydrated. Add the rest of the ingredients. Mix after each addition.

Suppliers

¹Solvay, ²CrossChem, ³Active Concepts, ⁴Vantage, ⁵Ashland

Properties

pH: 5.0 ± 0.25

Viscosity: (62,30)

FORMULATION PROVIDED BY:

B BRENNTAG

For more information, contact brenntag.com

CHEVEUX DIVAS – SULFATE-FREE HYDRATING SHAMPOO

Cleanse and hydrate without compromise! Cheveux Divas – Sulfate-Free Hydrating Shampoo, infused with **GlyAcid®**, gently removes impurities while locking in moisture for soft, healthy hair. Free from sulfates but full of nourishment, it leaves strands silky, smooth, and beautifully refreshed – because every diva deserves a gentle, luxurious cleanse!

Phase A	INCI Name	% (w/w)
Deionized Water	Aqua	q.s. to 100
TEDTA	TEDTA	0.10
Lipopeg 6000 DS ¹	PEG-150 Distearate	2.00

Phase B

Mackanate EL ²	Disodium Laureth Sulfosuccinate	16.0
Metaupon KMT 30 MB ¹	Sodium Methyl Cocoyl Taurate	8.00
Mirataine BET C-30 NP ²	Cocamidopropyl Betaine	4.50
Ferma SH ³	Glycolipids	1.50
Ferma SL ³	Glycolipids	1.00

Phase C

Jojoba Aqua 120 ¹	Jojoba Wax PEG-120 Esters	0.80
AC PolyJackharides ⁴	Water & Artocarpus Heterophyllus Fruit Extract	1.00
GlyAcid® 70 HP ⁵	Glycolic Acid	1.00
Timeless Rose SH ⁶	Fragrance	0.30
Lipocol HCO-40 ¹	PEG-40 Hydrogenated Castor Oil	0.20
MG-60 ⁷	Malttooligosyl GlucosideHydrogenated Starch Hydrolysate	
Conarom P2 ⁸	Phenethyl Alcohol (and) Caprylyl Glycol (and) Propanediol (and) Polyglyceryl-4 Laurate/Sebacate (and) Polyglyceryl-6 Caprylate/Caprate	1.00

Phase B

Sodium Chloride	Sodium Chloride	0.8
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Procedure

Add TEDTA in water and mix until homogenous. Heat **Phase A** up to 600C. Melt Lipopeg 6000 DS. Cool Phase A to 350C and add surfactants. Mix slowly to prevent bubble formation. Add **Phase B** to Phase A until homogenous. Add Jojoba Aqua 120, mix until homogenous. Add the rest of **Phase C**. Mix after each addition. Adjust viscosity with sodium chloride.

Suppliers

¹Vantage, ²Solvay, ³Locus, ⁴Active Concepts, ⁵**CrossChem**, ⁶CPL Aromas, ⁷Nagase, ⁸Ashland

Properties

pH: 4.50 ± 0.25

FORMULATION PROVIDED BY:

B BRENNTAG

For more information, contact brenntag.com

CHEVEUX DIVAS – GOOD HAIR WASH

Start every day with strong, healthy, and refreshed hair! Cheveux Divas – Good Hair Wash, enriched with **GlyAcid®**, gently cleanses while maintaining moisture balance and scalp health. This daily essential leaves hair soft, manageable, and full of life – because every diva deserves a perfect wash!

Phase A	INCI Name	% (w/w)
Deionized Water	Aqua	To 100
EDTA 2 Na	Disodium EDTA	0.1
Polycare® Split Therapy ¹	Hydroxypropyl Guar Hydroxypropyltrimonium Chloride	0.3
Jaguar® C-162 ¹	Hydroxypropyl Guar Hydroxypropyltrimonium Chloride	0.2
Zemea® Propanediol ²	Propanediol	3
Purac® Ultrapure 90 ³	Lactic Acid	q.s.

Phase B

Tensagex EOM670B ⁴	Sodium Laurate Sulfate	15
Miranol Ultra C-32 ¹	Sodium Cocoamphoacetate	5
Mirataine BET C-30N ¹	Cocamidopropyl Betaine	6
NaCl	Sodium Chloride	0.5

Phase C

Ferma™ SH ⁵	Glycolipid	7
PB00576 Yuzu Zest ⁶	Perfume	1.5

Phase D

GlyAcid® 70 HP	Glycolic Acid	1
BNB G-68 ⁸	1,2-Hexanediol (and) 1,2-Octanediol	0.5
Phytocycle Orange ⁹	Water (and) Citrus Aurantium Dulcis (Orange) Fruit Extract (and) Lactobacillus Ferment	1

Procedure

Phase A: Mix Jaguar® C-162 and Polycare Split with Zemea® Propanediol and then add water, adjust pH 3.50 – 5.00 with Purac® Ultrapure 90 and stir until to clear. **Phase B:** Add this phase into phase A, then mix well until homogeneous. **Phase C:** Premix and add this phase, then mix well until homogeneous. **Phase D:** Add this phase, then mix well until homogeneous.

Suppliers

¹Solvay, ²Dupont Tate & Lyle, ³Corbion, ⁴KLK, ⁵Locus, ⁶PES, ⁷CrossChem, ⁸B and B, ⁹Active Concepts

Properties

pH: 4.50 – 5.00

Viscosity: 2,000 – 3,000 cps

FORMULATION PROVIDED BY:

B BRENNTAG

For more information, contact brenntag.com

MICELLAR 2-IN-1 CONDITIONING SHAMPOO WITH GLYACID®

Cleanse and condition in one step! This Micellar 2-in-1 Conditioning Shampoo, powered by **GlyAcid®**, gently removes impurities while hydrating and smoothing strands. Its micellar technology ensures a deep yet gentle cleanse, leaving hair soft, manageable, and beautifully refreshed – because every wash should be effortless and nourishing! moisture in the hair.

Phase A	INCI Name	% (w/w)
Deionized Water	Aqua	Diluent
GlyAcid® 99 HP	Glycolic Acid	3.00

Phase B		
TI-NatSurf® QCB	Aqua, Cocamidopropyl hydroxysultaine, Myristamine oxide, Capryl glucoside, Decyl glucoside Functional Surfactant System	45.00
Zenigloss® Q	Polyquaternium-57 Natural Conditioning & Glossing Polymer	0.50

Phase C		
Stepan-Mild® GCC	Glyceryl Caprylate/Caprate Associative Thickener	1.00
Salt	Sodium Chloride Rheology Modifier Caprylate/Caprate	q.s.

Phase		
Kern NAT	Benzyl Alcohol, Glyceryl Caprylate, Glyceryl Undecylenate Preservative*	1.40
Fragrance	Parfum Fragrance**	q.s.
Colour	Colour Colorant**	q.s.
Sodium Hydroxide (50% Solution)	Sodium Hydroxide pH+ Adjuster	q.s.
Citric Acid (25% Solution)	Citric Acid pH- Adjuster	q.s.

Procedure

Aqueous Phase: 1. Into a suitable sized secondary vessel charge the calculated amount of deionized water (#1). 2. Begin mixing with moderate agitation, and charge #2. 3. Once #2 is completely incorporated, begin to heat the solution to 80 ± 1 °C under continuous moderate agitation. **Emulsifiable Concentrate:** 1. Onto the main vessel charge the calculated amount of #3. 2. Begin to heat to 50 ± 1 °C with moderate agitation. 3. While maintaining 50 ± 1 °C, begin homogenization process to a speed of 1,200 RPM. 4. Add in the #4 in a slow continuous stream into the vortex. 5. Once completely incorporate, continue homogenization at 1,200 RPM for further 3 minutes. 6. Increase speed to 2,200 RPM for an additional 2 minutes. **Forming the Micro-Emulsion:** 1. Transfer the Aqueous Phase to the main vessel containing the Emulsifiable Concentrate and change over to high sheer mixing while maintaining 50 ± 1 °C. 2. Increase temperature to 80 ± 1 °C while continuing to maintain high sheer mixing for 18 to 20 minutes. **Completion:** See Formula Index EH2301-14

Suppliers

²CrossChem, ³ATC USA Inc., ⁷Akema, ⁵Stepan,

Properties

pH (10%) @ 25 °C: 6.0 to 6.5

Viscosity @ 25 °C: 6,000 cPs – 9,000 cPs

FORMULATION PROVIDED BY:



For more information, contact **ctc.ca**

GOOD AS NEW DETOXIFYING SHAMPOO

Powered by **GlyAcid® 70 HP**, this detoxifying formula exfoliates the scalp, removes buildup, and restores moisture for healthier, revitalized hair. Unlike traditional detox shampoos, its gentle surfactants cleanse without stripping, leaving hair soft, balanced, and hydrated – just like new!

Phase A	INCI Name	% (w/w)
Deionized Water	Water	38.30%
Phase B		
Avocado Oil ¹	Persea Gratissima (Avocado) Oil	2.00%
Emulsiderm PG6L ^{1,2}	Polyglyceryl-6 Laurate	1.25%
Stabylen 30 ^{1,2}	Acrylates/Vinyl Isodecanoate Crosspolymer	0.70%
Phase C		
Endinol® MILD B-SF70A ¹	Sodium Cocoyl Isethionate (and) Cocamidopropyl Hydroxysultaine (and) Disodium Cocoyl Glutamate (and) Lauryl Glucoside (and) Cocamidopropylamine Oxide (and) Caprylyl/Capryl Glucoside	28.00%
Endinol® MILD SLISA ¹	Sodium Lauryl Sulfoacetate	4.00%
Phase D		
Deionized Water	Water	10.00%
GlyAcid® 70 HP ^{1,3}	Glycolic Acid	7.15%
KOH, 30%	Potassium Hydroxide	q.s.
Phase E		
Endiquest™ GLDA ¹	Tetrasodium Glutamate Diacetate	0.10%
Endamox™ LO ¹	Lauramine Oxide	4.00%
Endifoam® FB-8201	Hydrolyzed Corn Starch (and) Cocamidopropyl Betaine	4.00%
Phase F		
Sharomix™ Amplify AM24 ^{1,4}	Methylpropanediol (and) Caprylyl Glycol (and) Polyquaternium-80 (and) Didecylidimonium Chloride)	0.50%

Procedure

Phase A: Add to main vessel. **Phase B:** Pre-mix in side vessel at room temperature. Once uniform, add to Phase A with high speed shear mixing until uniform. **Phase C:** Add to main vessel in formula order. **Phase D:** Combine in a separate vessel in formula order. Add KOH solution slowly to adjust the pH to ~5.3. Note that this will produce heat so proper equipment and safety protocols will be necessary. This could include a water bath for cooling. Once at room temperature and a pH ~5.3, add slowly to main vessel. **Phases E, F:** Add to batch in formula order. Mix until uniform. Adjust pH.

Suppliers

¹Coast Southwest Inc., ²3V Sigma-USA, ³Momentive, ⁴CrossChem, ⁵Sharon Personal Care

Properties

pH: 5.0 – 5.6

Viscosity: Spindle 5 @ 30 rpm: 7,000 to 7,300 cP

FORMULATION PROVIDED BY:

CoastSouthwest™

For more information, contact coastsouthwest.com

UP TO THE TASK GLYCOLIC ACID HAIR MASK

Exfoliate the scalp and revitalize hair with this lightweight mask. **GlyAcid® 70 HP** delivers high-purity nourishment, while Glossamer™ L6600 enhances conditioning and shine. Designed to renew without residue, it leaves hair smooth, hydrated, and full of life – ready for anything!

Phase A & Phase B	INCI Name	% (w/w)
Deionized Water	Water	69.40
Glycerin 99.7% USP 1	Glycerin	2.00%
Tetrasodium EDTA		0.10%
Guar Hydroxypropyltrimonium Chloride		0.50%
Deionized Water	Water	5.00%
GlyAcid® 70 HP ^{1,2}	Glycolic Acid	4.30%
KOH, 30%	Potassium Hydroxide	q.s.

Phase C & Phase D

Iris ^{TM 1,3}	C12-17 Alkane	3.00%
C'Ester BO ^{1,4}	Butyl Oleate	2.00%
Endipure™ Sweet Almond ^{1,5}	Prunus Amygdalus Dulcis (Sweet Almond) Oil	3.00%
JD Jojoba Hair Complex ^{1,6}	Simmondsia Chinensis (Jojoba) Seed Oil (and) Cocos Nucifera (Coconut) Oil (and) Cannabis Sativa Seed Oil (and) Solanum Lycopersicum (Tomato) Seed Oil (and) Caprylic/Capric Triglyceride (and) Vaccinium Macrocarpon (Cranberry) Seed Oil (and) Helianthus Annuus (Sunflower) Seed Oil (and) Tocopherol	
Endipure™ SHEA ¹	Butyrospermum Parkii (Shea) Nut Extract	1.25%
Cosmosil BB Butter – Baobab Butter ^{1,7}	Adansonia Digitata Seed Oil (and) Butyrospermum Parkii (Shea) Butter	0.75%
Glossamer™ L6600 ¹	Brassica Campestris/Aleurites Fordii Oil Copolymer	0.50%
Mascol 68/30P1,8	Cetearyl Alcohol	2.25%
Endicare® ETP-437 ¹	Polyquaternium-37 (and) Propylene Glycol Dicaprylate/Dicaprate (and) Trideceth-6	3.00%

Phase E & Phase F

Sharomix™ Amplify AM24 ^{1,9}	Caprylyl Glycol (and) Methylpropanediol (and) Didecylidimonium Chloride (and) Polyquaternium-80	0.50%
Olivatis® 15C1,10	(Olive Oil PEG-8 Esters)Fragrance	0.25%
Fragrance		0.20%

Procedure

Phase A: Combine first three ingredients in main vessel at room temperature. With rapid mixing slowly add guar hydroxypropyltrimonium chloride. **Phase B:** With proper personal protective equipment (PPE), add water and **GlyAcid® 70 HP** to side vessel. Slowly neutralize the **GlyAcid® 70 HP** with potassium hydroxide 30% solution to pH 4.5 to 5.0. The reaction will be exothermic and generate heat. An ice bath may be used. Add Phase B to Phase A. Heat main vessel to 70°C to 75°C. **Phase C:** Combine Phase C in side vessel and heat to 70°C to 75°C. At temperature, add Phase C to AB with increased mixing as needed. **Phase D:** Discontinue heat. Add Phase D to Phase ABC. Batch will thicken. Continue to mix at high speed. **Phase E:** Once cooled below 50°C, add Phase E. **Phase F:** Pre-mix Phase F and add to batch. Cool to room temperature.

Suppliers

Coast Southwest, Inc., ²**CrossChem**, ³Sonneborn LLC, ⁴Ethox Chemicals, LLC, ⁵Blue Diamond Growers, ⁶Jojoba Desert (A.C.S.) Ltd., ⁷International Cosmetic Science Centre (ICSC), ⁸Musim Mas, ⁹Sharon Personal Care, ¹⁰Medolla Speciality Chemicals

Properties

pH: 4.0 – 5.0

Viscosity: Spindle 5 @ 30 rpm – 6,000 to 8,000 cP

FORMULATION PROVIDED BY:

CoastSouthwest

For more information, contact coastsouthwest.com

SHAMPOO TRATAMENTO COM GLYACID® 70 HP

Uma combinação poderosa para cabelos limpos, saudáveis e revitalizados. Greenquat® BT proporciona condicionamento, maciez e brilho, reduzindo o frizz e facilitando o desembaraço. **GlyAcid® 70 HP** atua na esfoliação suave do couro cabeludo, promovendo limpeza profunda e renovação celular para fios mais fortes e equilibrados.

Fase	Nombre INCI	% (w/w)
Água	Deionized Water	51,55
Glicerina	Glycerin	2,00
NatrIquest™ E30	Trisodium Ethylenediamine Disuccinate Innospec	0,50
Iselux®	Sodium Lauroyl Methyl Isethionate Innospec	4,00

Fase B

Pureact WS Conc	Sodium Methyl Cocoyl Taurate Innospec	5,00
Peg 150 Distearate	Peg 150 Distearate	1,00
Pureact Gluco C	Coco Glucoside Innospec	5,00

Fase C

GlyAcid® 70 HP	Glycolic Acid	2,00
Água	Deionized Water 2	0,00
Cocamidopropyl Betaina	Cocamidopropyl Betaina	6,00
Fragrância	Parfum	0,15

Fase D

Greenquat® BT	Polyglyceryl-3 Betainate Acetate Socri	2,00
Sensiva™ SC 80 Multifunctional	Propanediol (and) Caprylyl Glycol (and) Caprylhydroxamic Acid	0,80

Procedimiento

Fase 1: Em um béquer pesar a Fase A e iniciar o aquecimento, assim que todo surfactante estiver solúvel, adicionar a Fase B e deixar em aquecimento e leve. **Fase 2.** Em outro béquer pesar e homogeneizar a Fase C e corrigir o pH para 4,0 – 4,5. **Fase 3.** Em outro recipiente homogeneizar a Fase D. **Fase 4.** Verter a Fase C no béquer com Fase A + B

5. Adicionar a Fase D e homogeneizar bem .

Proveedores

¹Aqia, ²CrossChem, ³Exsymol, ⁴Ashland,

Propiedades

ph: 4,0 – 4,5

Viscosidad:

FORMULACIÓN APORTADA POR:



Para más información, contactar con imcdgroup.com

REPLENISHING CREAM CONDITIONER

Deeply nourish and restore with this luxurious cream conditioner. Infused with **GlyAcid®**, it hydrates, smooths, and strengthens while enhancing softness and shine. Designed to revive dry, stressed hair, it leaves strands silky, manageable, and full of life – for a replenished look and feel every day!

Fase A	Nombre INCI	% (w/w)
Aqua	Aqua	
Glicerina	Glycerin	
DL-Panthenol	Panthenol	
GlyAcid®	Glycolic Acid	
Tea 99%	Triethanolamine	

Fase B

Sunquart BTCA³	Cetearyl Alcohol (and) Behentrimonium Chloride
Sunboost ATB⁵	Argania Spinosa Kernel Oil (and) Tocopheryl Acetate (and) Bisabolol
Purester 24⁶	Lauryl Laurate
Polybase CT³	Cetearyl Alcohol (and) Polysorbate 60
Nequat DBX⁴	Stearyl Alcohol (and) Stearamidopropyl Ethyldimonium Ethosulfate (and) Dimethyl Lauramine (and) Dlinoleic Acid
CDS 6000P³	PEG-150 Distearate
Trivent Mango Butter⁴	Mangifera Indica (Mango) Seed Butter
Kerafilm³	Hydrolyzed Keratin (and) Chitosan Succinamide (and) Polyquaternium-10 (and) Water

Fase C

Phytocare AOX³	Curcuma Longa (Turmeric) Root (and) Camellia Sinensis Leaf (and) Chamomilla Recutita (Matricaria) Flower (and) Rosmarinus Officinalis (Rosemary) Leaf (and) Ethyl Olivatate (and) Ethyl Laurate (and) Ethyl Linoleate (and) Jojoba Esters (and) Oryza Sativa (Rice) Bran Wax (and) Quercetin (and) Xanthophylls
Sharomix AM28³	Methylpropanediol (and) Caprylyl Glycol (and) Didecylidimonium Chloride (and) Water
Fragancia Secret Love	Parfum

Procedimiento

Fase 1: Adicionar glicerina y pantenol uno a uno hasta su completa homogeneidad. Adicionar lentamente ácido glicólico, ajustando el valor de pH con TEA manteniéndolo por encima de un pH de 4 e iniciar calentamiento hasta 75°C. **Fase 2.** Pesar fase oleosa y fundirla a 75°C. Emulsificar a dicha temperatura durante 10 minutos con una agitación de 600 rpm. **Fase 3.** Adicionar ingredientes post emulsión uno a uno por debajo de una temperatura de 40°C.

Proveedores

¹Protameen, ²CrossChem, ³Aqia, ⁴Alzo, ⁵KOBO, ⁶S&P, ⁷Alzo, ⁸Nikko, ⁹Sharon Personal Care

Propiedades

FORMULACIÓN APORTADA POR:



Para más información, contactar con sintoquim.com



GlyAcid[®]

GLYCOLIC ACID

FORMALDEHYDE FREE

HAIR

SCALP

SKIN

NAILS

LIPS

GLYACID® SCALP AND HAIR MASQUE

Gently exfoliate dirt and buildup without irritation or grit. This lightweight masque, infused with **GlyAcid®**, glides on smoothly and rinses effortlessly. JD Jojoba Hair Complex delivers deep hydration and conditioning, leaving the scalp refreshed and hair silky-soft. No harsh scrubbing – just pure care for hair and scalp!

Phase A	INCI Name	% (w/w)
DI Water	DI Water	73.00%
GlyAcid® 70 HP ^{1,2}	Glycolic Acid	2.00%
Sodium Hydroxide	Sodium Hydroxide	q.s.

Phase B		
Glycerin	Glycerin	5.00%
Endicare® DLP-50 ¹	Panthenol	1.00%

Phase C		
JD Jojoba Hair Complex ^{1,3}	Simmondsia Chinensis (Jojoba) Seed Oil (and) Cocos Nucifera (Coconut) Oil (and) Cannabis Sativa Seed Oil (and) Solanum Lycopersicum Seed Oil (and) Caprylic/Capric Triglyceride (and) Vaccinium Macrocarpon Seed Oil (and) Helianthus Annuus Seed Oil (and) Tocopherol	5.50%
JD Jojoba Oil ^{1,3}	Simmondsia Chinensis (Jojoba) Seed Oil	1.50%
Endimate® 33V ¹	Caprylic/Capric Triglyceride)	3.00%
Olivatis® 18 ^{1,4}	Olive Oil Polyglyceryl-6 Esters (and) Sodium Stearoyl Lactylate (and) Cetearyl Alcohol	3.50%
Endicare® CT-100 ¹	Cetearyl Alcohol (and) Cetrimonium Bromide	4.50%

Phase D		
Sharomix™ Amplify AM24 ^{1,5}	Caprylyl Glycol (and) Methylpropanediol (and) Didecylidimonium Chloride (and) Polyquaternium-80	1.00%

Procedure

Phase A: Weigh water and glycerin and add xanthan gum while stirring. **Phase B:** Weigh all raw materials from Phase B and heat both phases up to ~75°C. Once oil phase is dissolved, add to Phase A while stirring and homogenize for 30 seconds. **Phase C:** Cool to 40°C, add Panthenol and GlyAcid® mix and preserve with Phase D.

Suppliers

¹Coast Southwest, Inc., ²CrossChem, ³Jojoba Desert (S.C.S. LTD.), ⁴Medolla Specialty Chemicals, ⁵Sharon Personal Care

Properties

Note: For optimal effectiveness of GlyAcid®, we recommend working with a pH between 3.8 and 4.3

pH: ~4

Viscosity: (24H) = na

Internal Ref:

FORMULATION PROVIDED BY:

CoastSouthwest

For more information, contact coastsouthwest.com

SCALP AHA MOMENTS

This leave-on treatment, powered by **GlyAcid®** and BergaCare, protects against dirt, sunlight, and humidity while nourishing the scalp. Its carefully crafted formula ensures long-lasting hydration and a light, refreshing feel throughout the day. Experience softer, healthier hair with every use!

Phase A	INCI Name	% (w/w)
Demineralized Water	Aqua	≤ 100.00
Glycerin (99.5%)	Glycerin	2.00
Xanthan Gum	Xanthan Gum	0.20

Phase B

BergaCare FG 5¹	Ethylhexyl Palmitate (and) Ethylhexyl Stearate (and) Hydrogenated Olive Oil Unsaponifiables (and) Caprylic/Capric Triglyceride	3.00
BergaCare SB¹	Butyrospermum Parkii (Shea) Butter	1.50
Ceteareth-20	Ceteareth-20	2.00
Glyceryl Stearate Citrate	Glyceryl Stearate Citrate	0.50
Steareth-2	Steareth-2	2.00

Phase C

GlyAcid® 70 HP²	Glycolic Acid (and) Water	2.50
NaOH (25% solution)	Sodium Hydroxide	2.50

Phase D

Preservative/Fragrance	-	q.s.
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Procedure

Phase A: Weigh water and glycerin and add xanthan gum while stirring. **Phase B:** Weigh all raw materials from Phase B and heat both phases up to ~75°C. Once oil phase is dissolved, add to Phase A while stirring and homogenize for 30 seconds. **Phase C:** Cool to 40°C, add Panthenol and **GlyAcid®** mix and preserve with Phase D.

Suppliers

¹Berg + Schmidt, ²CrossChem

Properties

Note: For optimal effectiveness of **GlyAcid®**, we recommend working with a pH between 3.8 and 4.3

pH: ~4

Viscosity: (24H) = na

Internal Ref:

FORMULATION PROVIDED BY:

Berg + Schmidt
Care Ingredients

Our knowledge. Your formulations.

For more information, contact berg-schmidt.com

SEBUM CONTROL CREAM

Designed for oily and acne-prone skin, this lightweight cream helps moderate excess sebum, preventing clogged pores and promoting a clear, balanced complexion. Its gentle formula absorbs quickly, leaving skin fresh, smooth, and shine-free without heaviness. Perfect for everyday use!

Phase A	INCI Name	% (w/w)
Demin. Water	Aqua	Up to 100
Cosphaderm® TOM¹	PentyleneGlycol, Glyceryl Caprylate, Glyceryl Undecylenate	1.30
Glycerin	Glycerin	2.00
KELTROL® CG-SFT²	Xanthan Gum	0.50

Phase B

BergaCare FG Olive³	Hydrogenated EthylhexylOlivate, Hydrogenated Olive Oil Unsaponifiables	3.00
BergaCareGS-SE³	GlycerylStearate SE	5.00
BergazidC1898³	Stearic Acid	2.00

Phase B1

BergaSomSun 75³	Lecithin	1.00\
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Phase C

Cosphaderm® Pentiol Natural¹	Pentylene Glycol	3.00
GlyAcid® 70 HP⁴	Glycolic Acid, Aqua	5.00
NaOH solution (25% aq.)	Aqua, Sodium Hydroxide	4.80

Procedure

Phase A: Weigh water and glycerin and add xanthan gum while stirring. **Phase B:** Weigh all raw materials from Phase B and heat both phases up to ~75°C. Once oil phase is dissolved, add to Phase A while stirring and homogenize for 30 seconds. **Phase C:** Cool to 40°C, add Panthenol and **GlyAcid®** mix and preserve with Phase D.

Suppliers

¹Cosphatec, ²CP Kelco, ³Berg + Schmidt, ⁴CrossChem

Properties

Note: For optimal effectiveness of **GlyAcid®**, we recommend working with a pH between 3.8 and 4.3

pH: 3.8

Viscosity: (24 h, Brookfield, 20 rpm) = 3600 mPas

Internal Ref: AcPr-004-BSC

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GlyAcid[®]

GLYCOLIC ACID
FORMALDEHYDE FREE

HAIR

SCALP

SKIN

NAILS

LIPS

HIBISCUS EXFOLIATING AND FOAMING JELLY

This pink, hibiscus-infused jelly combines **GlyAcid®** for gentle chemical exfoliation with Fiflow® perfluorocarbon technology to visibly reduce wrinkles and fine lines. Olive esters and Micromatrix® deeply condition, leaving skin smooth, refreshed, and radiant. Enjoy a luxurious foaming cleanse with every use!

Phase A	INCI Name	% (w/w)
Micromatrix® Fractile CAT ^{1,2}	Aqua (and) Corn Starch Modified (and) Polyquaternium-10	57.65
Hydrasoft® Pine ^{1,2}	Aqua (and) Hydroxyethylcellulose (and) Preservative System	15.00
Olivatis™ 15 ¹	Olive Oil Glycereth-8 Esters)	10.00
GlyAcid® 70 HP ^{1,3}	Glycolic Acid (and) Aqua	6.00
Hibiscus Tea ^{1,4}	Hibiscus Sabdariffa	0.35

Phase B

Fiflow® VF ^{1,2}	Perfluorohexane (and) Perfluorodecalin (and) Perfluoroperhydrophenanthrene (and) Perfluorodimethylcyclohexane	5.00
Fiflow® BB61 ^{1,2}	Perfluorohexane (and) Perfluorodecalin (and) Perfluoropropane	3.00
Endicare® FB-810 ¹	Hydrolyzed Cornstarch	3.00

Procedure

Phase A: Add Phase A to main vessel with shear mixing. Note: Allot time for hibiscus powder to completely wet-out. **Phase B:** Add Phase B to main vessel under high shear. Transfer to final container.

Suppliers

¹Coast Southwest, Inc., ²The Innovation Company®,
³CrossChem, ⁴Tea Guys

Properties

pH: 2.50 – 3.0

Viscosity: Spindle 4 @ 60 rpm = 2,500 to 3,500

FORMULATION PROVIDED BY:

CoastSouthwest™

For more information, contact coastsouthwest.com

COMPLEXION CLEARING FACIAL CREAM

This luxuriously smooth facial cream blends **GlyAcid®** for gentle exfoliation with AstaDerm™ 200 to promote skin tightening. MedXtract Witch Hazel delivers soothing, mild astringent benefits, helping to refine pores and balance the complexion. Enjoy hydrated, refreshed, and radiant skin with every use!

Phase A	INCI Name	% (w/w)
Deionized Water	Aqua	80.40
Dissolvine® NA2-S^{1,2}	Disodium EDTA	0.05
Glycerin ¹	Glycerin	2.50
Phase B		
Stabylen 30^{1,3}	Acrylates/Vinyl Isodecanoate Crosspolymer	0.50
Phase C		
Safflower Oil ¹	Carthamus Tinctorius (Safflower) Seed Oil	4.00
Jojoba Oil^{1,4}	Simmondsia Chinensis (Jojoba) Seed Oil	3.00
Endicare® LI-7¹	PEG-7 Glyceryl Cocoate	0.80
Cetyl Alcohol ¹	Cetyl Alcohol	1.50
Vitamin E Acetate ¹	Tocopheryl Acetate	0.10
Phase D		
NaOH 20% aq. solution	Sodium Hydroxide	1.00
GlyAcid® 70 HP^{1,5}	Glycolic Acid (and) Aqua	2.85
Phase E		
Endimoist® HA Solution¹	Sodium Hyaluronate	0.50
Phase F		
AstaDerm™ 200¹	Porphyridium Polysaccharide	1.00
MedXtract Witch Hazel Distilled^{1,6}	Hamamelis Virginiana Leaf Water	1.00
Sharon Biomix Free CG ^{1,7}	Caprylyl Glycol (and) Propylene Glycol (and) Glycerin (and) Citrus Reticulata Fruit Extract (and) Citrus Aurantium (and) Amara Fruit Extract (and) Citrus Sinensis Peel Extract (and) Ascorbic Acid (and) Citric Acid (and) Lactic Acid (and) Water	0.80

Procedure

Phase A: In main vessel, add Phase A, mix, and heat to 60°C.

Phase B: Slow add Phase B to Phase A until dissolved.

Phase C: In a separate vessel, mix Phase C and heat to 140°F (60°C). At temperature, increase mixing speed, 4 and add slowly Phase C to Phase AB. Allow the mixture to become uniform.

Phase D: Add Phase D to Phase ABC. The mixture may thicken. Maintain mixing and discontinue heating. Allow mixture to cool to 104°F (40°C). Phases E and F: Add Phases E and F in order to Phase ABCD. Cool to 77 to 86°F (25 to 30°C) and transfer to holding vessel.

Suppliers

¹Coast Southwest, Inc., ²Akzo Nobel Functional Chemicals LLC,

³3V Sigma-USA, ⁴Jojoba Desert (A.C.S.) Ltd., ⁵**CrossChem**,

⁶Medolla Limited, ⁷Sharon Personal Care

Properties

pH: 4.40

Viscosity: 3,000 to 5,000 cst.

Estimated SPF value available upon request.

FORMULATION PROVIDED BY:

CoastSouthwest™

For more information, contact coastsouthwest.com

DOUBLE ACTION RINSABLE PEEL WITH GLYACID®

Experience the power of dual exfoliation! This innovative peel combines **GlyAcid®**, the smallest Alpha Hydroxy Acid (AHA), for gentle chemical exfoliation, with eco-friendly BergaScrub beads for mechanical renewal. Its lightweight, transparent formula leaves skin refined, radiant, and refreshed – a perfect balance of science and sustainability!

Phase A	INCI Name	% (w/w)
Sodium Laureth Sulfate 70%	Sodium Laureth Sulfate	10.00
Cocamidopropyl Betaine 30%	Cocamidopropyl Betaine	10.00
EDTA	Tetrasodium EDTA	0.10
BergaSoft DG 50¹	Decyl Glucoside	2.50
Glycerin	Glycerin	2.00
Demineralized Water	Aqua	≤ 100.00

Phase B		
CarbopolAqua SF – 2 ³	Acrylates Crosspolymer-4	5.00

Phase C		
NaOH	Sodium Hydroxide	up to pH 7

Phase D		
GlyAcid® 70 HP²	Glycolic Acid (and) Water	2.90
NaOH	Sodium Hydroxide	up to desired pH

Phase E		
BergaScrub 400¹	Hydrogenated Castor Oil	1.00
Preservative/Fragrance	–	q.s.

Procedure

Weigh **Phase A** and stir until homogeneous. Add **Phase B** to Phase A. Neutralize with **Phase C**. Weigh **Phase D** and adjust to desired pH, add the solution to previous mixture drop by drop. Add **Phase E** slowly at the end to avoid mixing air with the formulation and to allow it to remain transparent.

Suppliers

¹Berg + Schmidt, ²CrossChem, ³Lubrizol

Properties

pH: 4.8

Viscosity: (24H) = 6800 Cps

Stability under progress: Intern ID: RPO K146

FORMULATION PROVIDED BY:

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Care Ingredients

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DEEP CLEANSING PURIFYING GEL

Experience a refreshing deep clean with the power of **GlyAcid®** and the purifying benefits of Tea Tree. This invigorating gel removes impurities, unclogs pores, and balances oil, leaving skin fresh, clear, and revitalized – the perfect solution for a refined, healthy-looking complexion!

Phase A	INCI Name	% (w/w)
Deionized Water	Aqua	≤ 100.00
Sodium Glyconate ¹	Sodium Glyconate	0.10
MG-60 ¹	Maltooligosyl Glucoside (and) Hydrogenated Starch Hydrolysate	3.00
Glucamate DOE 120	PEG-120 Methyl Glucose Dioleate	2.00
Mackol® CAS 100N ¹	Sodium Coco-Sulfate	10.00

Phase B

Miranol® Ultra L-32 ¹	Sodium Lauroamphoacetate	7.00
Miratain® BET C-30 NP ¹	Cocamidopropyl betaine	8.00

Phase C

Salicylic Acid ¹	Salicylic Acid	0.50
Zemea® Propanediol ^{1,2}	Propanediol	5.00
Alcohol	Alcohol	3.00

Phase D

GlyAcid® 70 HP ²	Glycolic Acid (and) Water	1.00
Preservative	Preservative	0.50

Phase E

2026919 Purifying Tea Tree ¹	Fragrance	0.20
Alkamuls® CRH40	PEG-40 Hydrogenated Castor Oil	0.60

Phase F

25% NaOH (5.0-5.5)	Sodium Hydroxide	0.70
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Procedure

Phase A: Premix ingredients in phase A and heat up to 70-80°C, stir until clear. **Phase B:** Add phase B to phase A, stir until homogeneous. **Phase C & D:** Add **Phase C** & **Phase D** into phase AB and stir until homogeneous. **Phase E:** Premix phase E and add to phase ABCD and stir until homogeneous. Adjust pH to 5.0 – 5.5.

Suppliers

¹Brenntag, ²CrossChem distributed by Brenntag

Properties

pH: 5.1

Internal Ref: LCS20190102

FORMULATION PROVIDED BY:

B BRENNTAG

For more information, contact [brenntag.com](https://www.brenntag.com)

SLICK GLYCERIN SHAVE SOAP

Upgrade your shaving routine with this luxurious solid shave soap. **GlyAcid® 70 HP** gently exfoliates, while Jojoba Butter softens and soothes. Endinol® B-SF65 minimizes irritation, ensuring a smooth, effortless glide. Create a rich, stable lather with a shaving brush for a spa-like experience every morning!

Phase A	INCI Name	% (w/w)
Glycerin 99.7% USP¹	Glycerin	20.00
Dipropylene Glycol ¹	Dipropylene Glycol	5.00
Endinol® MILD B-SF65	Sodium Cocoyl Isothionate (and) Cocamidopropyl Hydroxysultaine (and) Lauryl Glycoside (and) Cocamidopropylamine Oxide (and) Caprylyl/Capryl	30.00

Phase B

Stearic Acid ¹	Stearic Acid	13.00
Myristic Acid ¹	Myristic Acid	6.00
JD Jojoba Colorless Butter V^{1,2}	Simmondsia Chinensis (Jojoba) Seed Oil (and) Beeswax (and) Hydrogenated Vegetable Oil	6.00

Phase C

Deionized Water	Aqua	8.70
Sodium Hydroxide (100%)	Sodium Hydroxide	3.00
Endiquest® GLDA¹	Tetrasodium Glutamate Diacetate	1.00

Phase D

GlyAcid® 70 HP^{1,3}	Glycolic Acid (and) Aqua	2.00
Sodium Hydroxide (30%) w/w	Sodium Hydroxide	q.s.

Phase E

Deionized Water	Aqua	5.00
Titanium Dioxide 3328	Titanium Dioxide	1.00

Procedure

Phase A: With proper personal protective equipment (PPE), add Phase A to main vessel. Heat to 60°C with moderate mixing.

Phase B: Add Phase B to Phase A and heat to 68°C. Mix until dissolved. **Phase C:** Add Phase C in a separate vessel. **Phase D:** In a third vessel, create Phase D by neutralizing **GlyAcid® 70 HP** with sodium hydroxide 30% solution to pH 7.0 to 8.0. Add Phase D to Phase C. Add Phase CD to Phase AB slowly to avoid forming large clumps of soap. Phase E: Disperse titanium dioxide into water from Phase E and add to Phase ABCD. Mix until homogeneous. Let vessel stand for one hour at 68°C. Test pH with a 10% solution. When pH is confirmed, pour into soap molds and allow to sit undisturbed for 24 hours before use.

Suppliers

¹Coast Southwest, Inc., ²Jojoba Desert (A.C.C.S.),

³CrossChem

Properties

pH: 9.0 – 10.0

Viscosity: n.a.

Internal Ref: CSW 012-25

FORMULATION PROVIDED BY:

CoastSouthwest™

For more information, contact coastsouthwest.com

OVERNIGHT MIRACLE MASK

Wake up to refreshed, radiant skin with this overnight facial mask. **GlyAcid® 70 HP** boosts cell turnover, smooths acne scars, and refines skin texture, while BergaCare SB provides intense nourishment. BergaCare FG Olive ensures a soft, non-tacky feel, leaving skin hydrated and revitalized by morning!

Phase A	INCI Name	% (w/w)
Demineralized Water	Aqua	≤ 100.00
Glycerin	Glycerin	2.00
Polyglyceryl-3 Palmitate	Polyglyceryl-3 Palmitate	3.00
Aganflo 90502	Corn Starch Modified	1.00
Carbopol Ultrez 304	Carbomer	0.10
Propylene Glycol	Propylene Glycol	1.00
Xanthan Gum	Xanthan Gum	0.0

Phase B

BergaCare SB ¹	Butyrospermum Parkii (Shea) Butter	2.00
BergaCare FG Olive ¹	Hydrogenated Ethylexyl Olivatate (and) Hydrogenated Olive Oil Unsaponifiables	2.00
BergaBest GS 40 ¹	Glyceryl Stearate	2.00
Bergazid 98 18 ¹	Stearic Acid	1.00
Cera Alba	Cera Alba	2.00
Stearyl Alcohol	Stearyl Alcohol	1.00
Soybean Oil	Glycine Soja (soybean) Oil	1.00
Apricot Kernel Oil	Prunus Armeniacaca Kernel Oil	1.00
Dicaprylyl Ether	Dicaprylyl Ether	1.00

Phase C

GlyAcid® 70 HP ^{1,4}	Glycolic Acid (and) Aqua	1.70
NaOH (25% Solution)	Sodium Hydroxide	2.00

Phase D

Preservative/Fragrance		q.s.
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Procedure

Phase A: Weigh water and glycerine and add Carbomer on top. Wait five minutes (wetting time). Start stirrer and add all other raw materials of Phase A. **Phase B:** Weigh Phase B and heat both phases up to 75°C. Add Phase B to Phase A while stirring and homogenize for 30 seconds. **Phase C:** Cool down to 40°C, then add Phase C while stirring and preserve.

Suppliers

¹Berg + Schmidt, ²Agrana, ³CrossChem, ⁴Lubrizol

Properties

Note: For optimal effectiveness of GlyAcid®, we recommend working with a pH between 3.8 and 4.3

pH: 4.0

Viscosity: 4,340

Internal Ref: GM 001-SDI

FORMULATION PROVIDED BY:

Berg + Schmidt
Care Ingredients

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BERRY SMOOTHIE BRIGHTENING CREAM

This leave-on exfoliant cream enhances radiance and skin tone with **GlyAcid® 99 HP**, a high-purity glycolic acid for gentle exfoliation. Endimate® IPM and Endicare® TN ensure smooth application, while Olivatis™ 12 creates a silky, smoothie-like texture. Infused with Nordic Beauty® Lingonberry, a powerful antioxidant, it helps firm, brighten, and protect for a glowing, youthful complexion.

Phase A	INCI Name	% (w/w)
Safflower Oil ¹	Carthamus Tinctorius (Safflower) Seed Oil	2.00
Colorless Jojoba Oil ^{1,2}	Simmondsia Chinensis (Jojoba) Seed Oil	4.00
Vitamin E Acetate ¹	Tocopheryl Acetate	0.50
Endimate® 33V ¹	Caprylic/Capric Triglyceride	4.00
Endimate® IPM ¹	Isopropyl Myristate	3.00
Endicare® TN ¹	C12-15 Alkyl Benzoate	2.00

Phase B

Olivatis™ 12 ^{1,3}	Polyglyceryl-3 Pentaolivate	7.00
Creabase MSO ^{1,4}	Limnanthes Alba (Meadowfoam) Seed Oil (and) Cera Alba (and) Hydrogenated Meadowfoam Seed Oil	1.50
Sunflower Wax ¹	Helianthus Annuus (Sunflower) Seed Oil	0.25

Phase C

Deionized Water	Aqua	63.95
Dissolvine® NA2-S ^{1,5}	Disodium EDTA	0.20
Glycerin ¹	Glycerin	1.00
Propylene Glycol ¹	Propylene Glycol	3.50
GlyAcid® 99 HP ^{1,6}	Glycolic Acid	4.00
NaOH 40% aq. Solution	Sodium Hydroxide	q.s.
Nordic Beauty® Lingonberry	(Water (and) Vaccinium Vitis-Idaea Fruit Extract (and)	1.50
Dispersion ^{1,4}	Maltodextrin (and) Sodium Benzoate (and) Potassium Sorbate)	
NaCl (Sodium Chloride)	Sodium Chloride	0.60
Sharomix EG14 ^{1,7}	(Ethylhexylglycerin (and) Phenoxyethanol)	1.00

Procedure

Phase A: In main vessel, mix ingredients heating to 70-75°C. **Phase B:** Once at desired temperature, add phase B to phase A with continuous mixing. **Phase C:** Disperse Phase C in a separate vessel until a uniform mixture is formed. Adjust pH of **GlyAcid®** using NaOH to pH above 4.2. Add Phase C to Phase AB slowly under agitation of 500-600 rpm while maintaining the temperature above 70°C. Adjust the mixing speed to combine the two phases with a small vortex. Continue mixing the solution for 15 to 20 minutes until fully uniform. Switch to homogenizer and homogenize for 30 seconds at 3.0 rpm while the emulsion is still at 70°C.

Suppliers

¹Coast Southwest, Inc. ²Jojoba Desert, ³Medolla Limited, ⁴The Innovation Company®, ⁵AkzoNobel Functional Chemicals LLC, ⁶CrossChem, ⁷Sharon Personal Care

Properties

pH: n/a

Viscosity: Spindle 6 @ 12 rpm = 23,330 cst

FORMULATION PROVIDED BY:

CoastSouthwest

For more information, contact coastsouthwest.com

BRIGHTENING CRÈME CLEANSER

Unveil a radiant, luminous complexion with this gentle yet powerful cleanser. **GlyAcid®** provides mild exfoliation, promoting a brighter, more even skin tone, while **Glucotain®** Care delivers a silky, hydrated feel. Enjoy a luxurious cleanse that leaves skin soft, smooth, and refreshed – never dry or tight!

Phase A	INCI Name	% (w/w)
Deionized Water	Aqua	55.20
Dissolvine® 100-S ^{1,2}	Tetrasodium EDTA	0.20
Chembetaine™ CAS Surfactant ^{1,3}	Cocamidopropyl Hydroxysultaine	10.00
Hostapon® SCI-85 ^{1,4}	Sodium Cocoyl Isethionate	6.00
Endinol® MILD CC-1250 ¹	Coco-Glucoside	3.00
GlucoTain® Care ^{1,4}	Cocoyl Methyl Glucamide	5.00

Phase B

Olive Oil ¹	Olea Europaea (Olive) Fruit Oil	4.00
Refined Avocado Oil ¹	Persea Gratissima (Avocado) Oil	3.00
Stearic Acid ¹	Stearic Acid	4.00
Endimulse® EGMS ¹	Glycol Stearate	3.00
Myristic Acid ¹	Myristic Acid	0.80
Palmitic Acid ¹	Palmitic Acid	1.50

Phase C

NaOH 40% aq.	Sodium Hydroxide	0.80
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Phase D

GlyAcid® 70 HP ^{1,5}	Glycolic Acid (and) Aqua	1.70
NaOH 40%	Sodium Hydroxide	q.s.

Phase E

Sharomix 706 ^{1,6}	Dehydroacetoc Acid (and) Benzoic Acid (and) Benzyl Alcohol	0.80
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Phase F

Olivatis™ 15 ^{1,7}	Olive Oil Glycereth-8 Esters	1.00%
Fragrance	Fragrance	q.s.

Procedure

Phase A: Mix Phase A ingredients in formula order into main vessel with heating to 70°C-75°C. Mix until fully uniform. **Phase B:** In a separate vessel, combine Phase B ingredients with propeller mixing and begin heating to 70°C-75°C. Add Phase B to Phase A with continued mixing. Mix until fully dispersed and uniform. **Phase C:** Add Phase C to Phase AB until desired pH is achieved. Begin cool down. **Phase D:** In a separate vessel, combine Phase D ingredients with continuous mixing. Note: Allot time for NaOH to neutralize **GlyAcid®** above pH 4.2. Once Phase ABC is below 40°C, add Phase D to Phase ABC. **Phase E:** Add Phase E to Phase ABCD with continuous mixing. **Phase F:** Combine Phase F ingredients and add to Phase ABCDE.

Suppliers

¹Coast Southwest, Inc., ²AkzoNobel Functional Chemicals LLC, ³Lubrizol Advanced Materials, ⁴Clariant, ⁵CrossChem, ⁶Sharon Personal Care, ⁷Medolla Limited

Properties

pH: 6.0 – 6.5

Viscosity: Spindle 4 @10 rpm = 12,000-14,000 cst.

FORMULATION PROVIDED BY:

CoastSouthwest™

For more information, contact coastsouthwest.com

CITRUS MORNING BURST CLEANSER

Energize your skin with this refreshing natural cleanser! Orange peel and **GlyAcid®** provide gentle exfoliation, while Sodium Coco-Sulfate ensures a mild yet effective cleanse. A blend of Avocado Oil, Shea Butter, and Olive Ester emulsifiers creates a luxurious gel-cream texture for soft, nourished, and radiant skin.

Phase A	INCI Name	% (w/w)
Deionized Water		59.50
Endinol® SCS¹ (Sodium Coco-Sulfate)	Aqua	10.00
Phase B		
Sorbitol 70%	Sorbitol	10.00
GlyAcid® 70 HP^{1,2}	Glycolid Acid	1.00
Endicare® CitraBlend Orange (400 mesh)	Citrus Sinensis (Orange) Peel Powder	3.00
Endimate® 33V¹	Caprylic/Capric Triglyceride	5.00
Phase C		
Avocado Oil	Persea Grratissima (Avocado) Oil	2.50
Shea Butter	Butyrospermum Parkii (Shea Butter) Fruit	2.00
Olivatis 18^{1,3}	Olive Oil Polyglyceryl-6 (and) Sodium Stearoly Lactylate (and) Cetearyl Alcohol	5.00
Phase D		
Biosecur C160S^{1,4}	Citrus Extract	2.00
Phase E		
Essential Oil Blend		q.s.

Procedure

Phase A: Mix Phase A with propeller mixing; heat mixture to 104°F (40°C). Add Sodium-Coco Sulfate. Continue to heat and mix until 158°F (70°C). **Phase B:** In side vessel, mix Phase B into a thick paste. Add to Phase A at 122°F (50°C) when the Sodium-Coco Sulfate is uniform and homogeneous. Once Phase AB is homogeneous, hold at temperature. **Phase C:** In side vessel weigh and mix Phase C until homogeneous. Once Phase AB and Phase C are at temperature, add Phase C to Phase AB with increased speed on prop mixing (700 rpm) for 1 to 2 minutes. Transfer to homogenizer and mix at 2,500 to 3,000 RPM for 1 to 2 minutes. Mixture should turn into a light yellow color. Discontinue aggressive mixing and cool with stirring prop to 104°F (40 °C). **Phase D:** Add the preservative in Phase D. **Phase E:** Add essential oil blend (optional). Cool to 30°C then transfer to holding vessel.

Suppliers

¹Coast Southwest, Inc., ²CrossChem, ³Medolla Limited,

⁴Sharon Personal Care

Properties

pH: 6.5

Viscosity: Spindle 4 @ 60 rpm = 1,913 cst.

FORMULATION PROVIDED BY:

CoastSouthwest

For more information, contact coastsouthwest.com

GLYACID® FACE MASK TREATMENT

Refresh and rejuvenate in just 10 minutes! Infused with **GlyAcid®**, this mask gently exfoliates while delivering a cooling, hydrating sensation for a soft, radiant complexion. Perfect for a quick skin reset, leaving you feeling smooth, refreshed, and glowing!

Phase A	INCI Name	% (w/w)
Deionized Water	Aquan	61.90
Dissolvine® 220-S ^{1,2}	Tetrasodium EDTA	0.20
Sorbitol 70%	Sorbitol	8.00
GlyAcid® 70 HP ^{1,3}	Glycolic Acid (and) Aqua	1.40

Phase B		
Ultrastarch P212C ^{1,4}	ZEA Mays (Corn) Starch	10.00
Pelavie® Pink Clay ^{1,5}	Bentonite	10.00

Phase C		
Hydrasoft® Sea ^{1,2}	Water (and) Algae Extract (and) Natto Gum (and) Phenoxyethanol (and) Chlorphenesin (and) Citric Acid	4.00
Creagel® Crystal HPB ^{1,5}	Hydrogenated Polyisobutene (and) Ethylene/Propylene Copolymer	1.00

Phase D		
Sharomix 705 ^{1,6}	Benzoic (and) Sorbic Acid (and) Dehydroacetic Acid (and) Benzyl Alcohol	1.00

Phase E		
Endicare® ETP-305 ¹	Polyacrylamide (and) C13-14 soparaflin (and) Laureth-7	2.25

Procedure

Phase A: In main vessel, add Phase A; mix and heat to 122°F (50°C) and hold. **Phase B:** In side vessel, combine Phase B and then add slowly to Phase A. Increase speed as needed so powder is wetted out and dispersed; batch will thicken. **Phase C:** In side vessel, blend Phase C and add to Phase AB. Once uniform, begin cooling to 104-113°F (40-45°C) with slow prop or sweep. **Phase D:** At 104-113°F (40-45°C) add Phase D to Phase ABC, continue cooling to 77-86°F (25-30°C). **Phase E:** Add Phase E to Phase ABCD. Initially batch will be discontinuous. Continue mixing and the batch will become uniform. Stop when the batch is thick and homogeneous.

Suppliers

¹Coast Southwest, Inc., ²Akzo Nobel Functional Chemicals LLC, ³**CrossChem**, ⁴Ultra Chemical, Inc., ⁵The Innovation Company®, ⁶Sharon Personal Care

Properties

pH: 3.73

Viscosity: Spindle 5 @ 0.5 rpm = 692,000 cst.

FORMULATION PROVIDED BY:

CoastSouthwest™

For more information, contact coastsouthwest.com

PORE REFINING WIPE

Effortlessly cleanse and refine pores with this refreshing wipe, perfect for oily skin. Designed to remove impurities without over-drying, it leaves skin balanced, smooth, and refreshed. A quick and easy way to achieve a clear, shine-free complexion – any-time, anywhere!

Phase A	INCI Name	% (w/w)
Deionized Water	Aqua	62.15
Dissolvine® GL-47-S ^{1,2}	Tetrasodium Glutamate Diacetate	0.10
3V Allantoin ^{1,3}	Allantoin	0.05
Glycerin ¹	Glycerin	5.00

Phase B

Enditeric® COAB ¹	Cocamidopropyl Betaine	8.00
Sopalteric CBS ^{1,4}	Cocamidopropyl Hydroxysultaine	8.00
Endisil® FS-193 ¹	PEG-12 Dimethicone	1.50
Polysorbate 20 ¹	Polysorbate 20	3.00
GlyAcid® 70 HP ^{1,5}	Glycolic Acid (and) Aqua	2.00

Phase C

Canasol R 4000 H ^{1,6}	PEG-40 Hydrogenated Castor Oil	1.00
Cayoma® Olive ^{1,7}	Aqua (and) Olea Europaea Leaf Extract (and) Alcohol (and) Maltodextrin (and) Olea Europaea Extract	0.20

Phase D

Sharomix 703 ^{1,8}	Benzyl Alcohol (and) Potassium Sorbate (and) Sodium Benzoate (and) Water	1.00
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Phase E

Olivatis™ 15 ^{1,9}	Olive Oil Glycereth-8 Esters	8.00
NaOH 0.5N	Sodium Hydroxide	q.s.

Procedure

Phase A: Add Phase A in order until homogeneous.

Phase B: Add Phase B in order to Phase A until homogeneous. **Phase C:** Pre-mix Phase C and add to Phase AB. Note: Allot time for ingredients to get into solution. **Phase D:** Add Phase D and Phase ABC and check pH. **Phase E:** Neutralize Phase ABCD with NaOH 0.5N to pH of 4.0 before adding Olivatis™ 15 with continuous mixing. Transfer to a holding vessel once uniform.

Suppliers

¹Coast Southwest, Inc., ²Akzo Nobel Functional Chemicals LLC, ³3V Sigma- eno, ⁴**CrossChem**,

⁷The Innovation Company®, ⁸Sharon Personal Care,

⁹Medolla Limited

Properties

pH: 4.01

Viscosity: Spindle 2 @ 100 rpm = <100.00 cst.

FORMULATION PROVIDED BY:

CoastSouthwest™

For more information, contact coastsouthwest.com

2 IN 1 FACIAL MASK FOR OILY SKIN

Refine pores and renew skin with this dual-action mask. **GlyAcid® 70 HP** gently exfoliates, while BergaSom Soy 50 and BergaCare SB provide deep nourishment and a luxurious glow. Despite its rich care ingredients, BergaCare FG 5 keeps it light, and BergaMuls ET 1 ensures a silky-soft finish

Phase A	INCI Name	% (w/w)
Demineralized Water	Aqua	≤ 100.00
Glycerin 99.5%	Glycerin	6.00
Xanthan Gum	Xanthan Gum	0.50

Phase B

BergaCare SB¹	Butyrospermum Parkii Butter	2.00
BergaBest MCT 60/40¹	Caprylic/Capric Triglyceride	4.00
BergaCare FG 5¹	Ethylhexyl Palmitate (and) Ethylhexyl Stearate (and) Hydrogenated Olive Oil Unsaponifiables (and) Caprylic/Capric Triglyceride	4.00
BergaMuls ET 1¹	β-Glucan (and) Pectin	3.00
Behenyl Alcohol	Behenyl Alcohol	4.00
Bergazid C1499¹	Myristic Acid	2.00

Phase C

Glycerin 99.5%	Glycerin	10.00
BergaSom Soy 50¹	Lecithin	0.20

Phase D

Kaolin	Kaolin	10.00
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Phase E

GlyAcid® 70 HP²	Glycolic Acid (and) Aqua	Adjust pH ~4
Preservative / Fragrance		q.s.

Procedure

Weigh **Phase A** and heat to 75°C while stirring. Proceed likewise with Phase B but without BergaMuls ET 1, heat to 75°C and then add BergaMuls ET while stirring. Add **Phase B** to Phase A while stirring and homogenize 30 seconds. Separately, weigh **Phase C** and dissolve while stirring. Cool down to 40°C while mixing and add **Phase D**. Adjust the pH with **GlyAcid® 70 HP** (pH 4) and add preservative.

Suppliers

¹Berg + Schmidt, ²CrossChem

Properties

pH: 4

Viscosity: (24H) = n.a.

Internal Ref: GM-004-BSC

FORMULATION PROVIDED BY:

Berg + Schmidt
Care Ingredients

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PURIFYING GENTLE FOAM WASH WITH GLYACID®

This gentle yet effective face wash cleanses with BergaSoft DG 50 while **GlyAcid® 70 HP** boosts cell turnover for a smoother, more radiant complexion. BergaSom Sun 50 mimics the skin's natural lipids, enhancing moisture balance and overall skin health – for a fresh, purified glow every day!

Phase A	INCI Name	% (w/w)
Demineralized Water	Aqua	≤ 100.00
BergaSoft DG 50 ¹	Decyl Glucoside	3.00
Glycerin 99.5%	Glycerin	1.00
1,3-Butylene Glycol	Butylene Glycol	1.00
Polysorbate-60	Polysorbate-60	0.20
BergaSom Sun 50 ¹	Lecithin	0.10
D-Panthenol	Panthenol	0.50

Phase B

GlyAcid® 70 HP ²	Glycolic Acid (and) Aqua	20.00
NaOH solution (25%)	Sodium Hydroxide	13.50

Phase C

Preservative/fragrance		q.s.
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Procedure

Weigh and dissolve all raw materials from **Phase A**. Separately weigh and mix **Phase B** and add to A while stirring. Adjust pH and add the **Phase C** preservative.

Suppliers

¹Berg + Schmidt, ²CrossChem

Properties

Note: For optimal effectiveness of **GlyAcid®**, we recommend working with a pH between 3.8 and 4.3

pH: 3.8

Viscosity: (24H) = n.a.

Internal Ref: WS-010-BSC

FORMULATION PROVIDED BY:

Berg + Schmidt
Care Ingredients

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FOAMING FACIAL CLEANSER

Refine pores and prep skin with this gentle foaming cleanser. **GlyAcid® 70 HP** promotes smooth, radiant skin, while BergaSoft DG 50 delivers a mild, effective cleanse. Perfect for removing impurities and enhancing absorption of active ingredients in your skincare routine – leaving skin fresh and ready!

Phase A	INCI Name	% (w/w)
Demineralized Water	Aqua	≤ 100.00
BergaSoft DG 50 ¹	Decyl Glucoside	2.00
GlyAcid® 70 HP ²	Glycolic Acid and water	2.00
Sodium Laureth Sulfate 70%	Sodium Laureth Sulfate	1.00
Butylene Glycol 1.3	Butylene Glycol 1.3	1.00
Sorbitol 70%	Sorbitol	1.00
Sodium Cocoamphoacetate	Sodium Cocoamphoacetate	0.30
D-Panthenol	Panthenol	0.50
Allantoin	Allantoin	0.20
Polysorbate 60	Polysorbate 60	0.20
Sodium Hydroxide	Sodium Hydroxide	Adjust pH ~4
Menthol	Menthol	0.10

Phase B		
Preservative / Fragrance	–	q.s.

Procedure

Weigh all **Phase A** raw materials and stir without heating. Add **Phase B** preservative and fragrance

Suppliers

¹Berg + Schmidt, ²CrossChem

Properties

pH: 4.0

Viscosity: (24H) = n.a.

Internal Ref: WS-007-BSC

FORMULATION PROVIDED BY:

Berg + Schmidt
Care Ingredients

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For more information, contact berg-schmidt.com

VITALIZING NIGHT PEELING CREAM

Wake up to radiant, refreshed skin! **GlyAcid® 70 HP** works overnight to stimulate cell turnover, smooth skin, and refine texture, revealing a brighter, more even complexion by morning. Experience the power of gentle exfoliation while you sleep for a glowing, revitalized look every day!

Phase A	INCI Name	% (w/w)
BergaBest GS SE¹	Glyceryl Stearate	3.50
Cetearyl Alcohol	Cetearyl Alcohol	2.00
Carbopol Ultrez 30³	Carbomer	1.00
Ceteareth 20	Ceteareth 20	1.00
MicroCare M8100	Caprylyl Methicone	4.00
Cyclopentasiloxane (and) Dimethicone	Cyclopentasiloxane (and) Dimethicone / Vinyl Dimethicone Crosspolymer	5.00
Dimethicone	Dimethicone	5.00

Phase B

Demineralized Water	Aqua	≤ 100.00
Glycerin	Glycerin	1.00
Pentylene Glycol	Pentylene Glycol	2.00

Phase C

GlyAcid® 70 HP²	Glycolic Acid (and) Water	10.70
NaOH	Sodium Hydroxide	adjust pH

Phase D

Preservative / Fragrance		q.s.
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Procedure

Weigh Phase A and Phase B and heat to 75°C. Add Phase B to Phase A under stirring, homogenize. Adjust pH of Phase C as desired. When temperature reached 40°C, slowly add Phase C. Add Phase D.

Suppliers

¹Berg + Schmidt, ²CrossChem

Properties

pH: 4,0

Viscosity: (24H) = 15000 Cps

Stability under progress

Internal Ref: RPO G022

FORMULATION PROVIDED BY:

Berg + Schmidt
Care Ingredients

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MOISTURIZING AFTER SHAVE LOTION

Soothe and refresh post-shave skin with **GlyAcid® 70 HP**, which prevents ingrown hairs and boosts cell renewal for a smoother complexion. BergaCare FG 5 delivers a silky, lightweight feel, leaving skin hydrated, calm, and comfortable – the perfect finishing touch for a flawless shave!

Phase A	INCI Name	% (w/w)
Demineralized Water	Aqua	Up To 100%
Glycerin	Glycerin	4.0
Menthol	Menthol	0.1
Xanthan Gum	Xanthan Gum	0.3
Carbopol Ultrez 20®	Acrylates/C10-30 Alkyl Acrylate Crosspolymer	0.5

Phase B

BergaCare FG 5¹	Ethylhexyl Palmitate (and) Ethylhexyl Stearate (and) Hydrogenated Olive Oil Unsaponifiables (and) Caprylic Capric Triglyceride	4.0
SternOil HCO 40¹	PEG-40 Hydrogenated Castor Oil	2.0
BergaBest GS SE¹	Glyceryl Stearate SE	2.0

Phase C

GlyAcid® 70 HP²	Glycolic Acid (and) Aqua	4.0
Demineralized Water	Aqua	10.0

Phase D

NaOH	Sodium Hydroxide	adjust pH
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Phase E

Ethanol	Alcohol Denat.	3.0
Preservative/Fragrance	–	q.s.

Procedure

Weigh water and Glycerin, start mixer and add all other raw materials from **Phase A**. Weigh all raw materials from **Phase B** and heat both phases up to ~70°C. Add Phase B to A while stirring and homogenize 30 seconds. Mix **Phase C** and add while stirring. Cool down to 40°C, adjust pH with **Phase D**. Add **Phase E** preservative and Ethanol.

Suppliers

¹Berg + Schmidt, ²CrossChem, ³Lubrizol

Properties

Note: For optimal effectiveness of **GlyAcid®**, we recommend working with a pH between 3.8 and 4.3

pH: 4.2

Internal Ref: After Shave-003-BSC

FORMULATION PROVIDED BY:

Berg + Schmidt
Care Ingredients

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LIGHT CARING ANTI-ACNE CREAM

This Anti-Acne Cream contains a high and particularly effective concentration of **GlyAcid®** which stimulates the cell renewal process and smooths acne-induced scars. **BergaCare SB** and **BergaCare FG 5** provide care to the skin. **BergaMuls ET 1**, a blend of several natural plant fibers, stabilizes the cream while allowing an emulsifier-free declaration.

Phase A	INCI Name	% (w/w)
Demineralized Water	Aqua	≤ 100.00
Propylene Glycol	Propylene Glycol	2.00
Xanthan Gum	Xanthan Gum	0.50

Phase B

BergaBest MCT 60/40¹	Caprylic/Capric Triglyceride	3.00
BergaCare FG 5¹	Ethylhexyl Palmitate (and) Ethylhexyl Stearate (and) Hydrogenated Olive Oil Unsaponifiables (and) Caprylic Capric Triglyceride	3.00
BergaSom Sun 50¹	Lecithin	0.20
Stearyl Alcohol	Stearyl Alcohol	2.00
Bergazid 9818¹	Stearic Acid	2.00
Cetearyl Alcohol	Cetearyl Alcohol	3.00
Cetyl Alcohol	Cetyl Alcohol	1.00
BergaCare SB¹	Butyrospermum Parkii (Shea) Butter	2.00
BergaMuls ET 1¹	Beta-Glucan (and) Pectin	2.00
Squalane	Squalane	1.50

Phase C

GlyAcid® 70 HP²	Glycolic Acid (and) Water	15.00
Demineralized Water	Aqua	10.00
NaOH	Sodium Hydroxide	adjust pH

Phase D

D-Panthenol	Panthenol	1.00
Preservative/Fragrance	-	q.s.

Procedure

Weigh water and Propylene Glycol, start mixer and add Xanthan Gum. Weigh all raw materials from **Phase B** except BergaMuls ET 1, heat both phases up to ~70°C. As Phase B has melted, disperse BergaMuls ET 1 under gentle stirring. Add **Phase B** to **A** while stirring and homogenize for 30 seconds. Add **Phase C** and then **Phase D**.

Suppliers

¹Berg + Schmidt, ²CrossChem

Properties

Note: For optimal effectiveness of **GlyAcid®**, we recommend working with a pH between 3.8 and 4.3

pH: 3.8

Viscosity: (24H) = 5 800

Internal Ref: AA-004-BSC

FORMULATION PROVIDED BY:

Berg + Schmidt
Care Ingredients

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For more information, contact berg-schmidt.com

LE CRÈME HYDRATING GEL-CREAM

Experience lightweight hydration with this gel-cream moisturizer, powered by COSMOS-approved Ecogel for a silky-smooth texture. **GlyAcid**® gently exfoliates while maintaining moisture balance, and its electrolyte-compatible formula ensures optimal skin nourishment. Leaves skin refreshed, soft, and radiant – the perfect fusion of hydration and care!

Phase A	INCI Name	% (w/w)
Deionized Water	Aqua	73.45
1,2-Hexanediol ¹	1,2-Hexanediol	2.00
Disodium EDTA ¹	Disodium EDTA	0.10
Ecogel ¹	Lysolecithin, Sclerotium Gum, Xanthan Gum, Pullulan	1.50
Liponic EG-1 ¹	Glycereth-26	3.00

Phase B

Lipocol SC 1618S ¹	Cetearyl alcohol	1.00
Dub GMS ¹	Glyceryl stearate	0.70
Lipomulse 165 ¹	Glyceryl Stearate, PEG-100 Stearate	2.00
Lipo SS ¹	Hydrogenated Vegetable Oil	2.00
Lipovol MOS-70 ¹	Tridecyl Stearate (and) Neopentyl Glycol Dicaprylate/ Dicaprate (and) Tridecyl Trimellitate	7.00
Liponate SPS ¹	Cetyl Esters	0.75
Liponate MM ¹	Myristyl Myristate	0.50
SF1000N (6cst) ¹	Dimethicone	2.00

Phase C

GlyAcid® 70 HP ^{1,2}	Glycolic Acid (and) Aqua	4.00
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Phase D

NaOH 25% ¹	Sodium Hydroxide	q.s.
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Procedure

Phase A: In the main kettle, combine ingredients using a lightning mixer and heat to 78°C to 80°C. Mix until clear and uniform during 20 minutes. **Phase B:** Heat Phase B to 80°C and mix well. Slowly add Phase B to batch with medium to high speed propeller mixing. **Phase C:** At 45 – 50°C, add Phase C to batch with propeller mixing. **Phase D:** Cool to 25°C and adjust pH to 3.8 – 4.2.

Suppliers

¹SEIL International, ²CrossChem, distributed by SEIL International

Properties

pH: 3.8 – 4.2

Viscosity: Spindle 6 @ 20 rpm = 3000- 5000cps

FORMULATION PROVIDED BY:



For more information, contact seilint.com

ILLUMINATING COCONUT CREAM CLEANSER

Brighten your skin with this luxuriously creamy cleanser! Endinol® MILD B-SF65 offers a gentle, sulfate-free lather, while Coconut Oil deeply hydrates and Rosehip Oil helps repair and even skin tone. **GlyAcid® 70 HP** provides gentle exfoliation, unveiling a radiant, refreshed complexion with every wash!

Phase A	INCI Name	% (w/w)
Deionized Water	Aqua	55.33
Endiquet® GLDA¹	Tetrasodium Glutamate Diacetate	0.15
Endinol® MILD B-SF65¹	Sodium Cocoyl Isethionate (and) Cocamidopropyl Hydroxysultaine (and) Lauryl Glucoside (and) Cocamidopropylamine Oxide (and) Caprylyl/Capryl Glucoside	24.00

Phase B

Rosehip Oil^{1,2}	Rosa Canina Fruit Oil	3.00
Coconut Oil^{1,2}	Cocos Nucifera (Coconut) Oil	4.00
Stearic Acid ¹	Stearic Acid	4.00
Endimulse® EGMS¹	Glycol Stearate	3.00
Myristic Acid ¹	Myristic Acid	0.80
Palmitic Acid ¹	Palmitic Acid	1.50

Phase C

NaOH 40% w/w Solution	Sodium Hydroxide	0.80
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Phase D

SharoSENSE™ Plus 181¹⁻³	Maltol (and) Polyquaternium-80	0.70
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Phase E

GlyAcid® 70 HP^{1,4}	Glycolic Acid (and) Aqua	1.70
NaOH 40% w/w Solution	Sodium Hydroxide	1.02

Procedure

Phase A: Add Phase A ingredients in formula order to the main vessel with shear mixing and begin heating to 158-167°F (70-75°C). Mix until fully uniform. **Phase B:** In a separate vessel, add Phase B ingredients in formula order with propeller mixing and begin heating to 158-167°F (70-75°C). Once at desired temperature and fully uniform, add Phase B to Phase A under shear mixing. Mix until fully uniform and dispersed. **Phase C:** Add Phase C to Phase AB with shear mixing. Begin cool down.

Phase D: When main vessel is at 122-140°F (50-60°C), add Phase D with shear mixing. Mix until fully dispersed and uniform.

Phase E: In a separate vessel, combine Phase E ingredients with continuous mixing. Note: Reaction is exothermic. Allow time for neutralization above pH 4.2. Once main vessel is below 104°F (40°C), add Phase E with shear mixing. Transfer to final container when batch is fully uniform and at room temperature.

Suppliers

¹Coast Southwest, Inc., ²International Cosmetic Science Centre (ICSC), ³Sharon Personal Care, ⁴**CrossChem**

Properties

pH: 6.0 – 6.5

Viscosity: Spindle 4 @ 5.0 rpm = 9,000 to 13,000 cst.

FORMULATION PROVIDED BY:

CoastSouthwest

For more information, contact coastsouthwest.com

SINGLE-SWEEP SMOOTHING AND DETOXIFYING GEL

Refresh and restore with this nutrient-rich detoxifying gel. **GlyAcid® 70 HP**, an alpha-hydroxy acid, exfoliates to reveal a brighter, more radiant complexion, while **Olivatis® 21** enhances smoothness and hydration. Designed to soothe dry, irritated skin, leaving it soft, revitalized, and refreshed in a single sweep!

Phase A	INCI Name	% (w/w)
Deionized Water	Aqua	55.33
Glycerin 99.7% USP Kosher ¹	Glycerin	1.20
Endicare® DLP-50¹	Panthenol	0.80
Medxtract Witch Hazel Distilled Organic^{1,2}	HamamelisVirginiana (Witch Hazel) Leaf Water	5.20
EASYGEL SOL^{1,3}	Carbomer	0.50

Phase B

Endimate® 32V¹	Caprylic/Capric Triglyceride	5.25
Olivatis 21^{1,2}	Olive Oil PEG-6 Esters (and) Olive Oil Polyglyceryl-6 Esters	4.00
Endipure® Sweet Almond¹	Prunus Amygdalus Dulcis (Sweet Almond) Oil	5.25

Phase C

NaOH 10% w/w Solution	Sodium Hydroxide	0.80
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Phase D

GlyAcid® 70 HP^{1,4}	Glycolic Acid (and) Aqua	1.70
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Phase E

Sharomix® 702^{1,5}	Dehydroacetic Acid (and) Benzoic Acid (and) Phenoxyethanol	0.70
Fragrance		q.s.

Procedure

Phase A: Combine Phase A in main vessel under shear mixing. Note: Disperse polymer slowly. **Phase B:** Combine Phase B ingredients in separate vessel with continuous mixing. Once uniform, add Phase B to main vessel under shear mixing. **Phase C:** Add Phase C to main vessel under shear mixing. **Phase D:** Add Phase D to main vessel under shear mixing. Further adjust pH to within range, if necessary. **Phase E:** Add Phase E to main under continuous mixing. Once uniform, transfer to final container.

Suppliers

¹Coast Southwest, Inc., ²Medolla Limited, ³3V Sigma-USA.

⁴CrossChem, ⁵Sharon Personal Care

Properties

pH: 5.5 – 6.0

Viscosity: Spindle 4 @ 30 rpm = 4,000 to 5,000 cst.

Internal Ref: CSW 009-07

FORMULATION PROVIDED BY:

CoastSouthwest™

For more information, contact coastsouthwest.com

GLYACID® PRO PEEL

Designed for professional use only, this powerful peel combines **GlyAcid® 70 HP** for superficial exfoliation, dissolving dead skin cells to reveal a smoother, brighter complexion. Healerine®, derived from reishi mushroom fermentation, supports skin integrity, hydration, and renewal, ensuring a balanced, revitalized look after treatment

Phase A	INCI Name	% (w/w)
GlyAcid® 70 HP ^{1,2}	Glycolic Acid (and) Aqua	40.00
NaOH 30% w/w Solution	Sodium Hydroxide	39.55
Phase B		
Deionized Water	Aqua	18.05
Phase C		
Sharomix 702 ^{1,3}	Dehydroacetic Acid (and) Benzoic Acid (and) Phenoxyethanol	0.70
Propanediol	Propanediol	0.70
Phase D		
Healerine ^{1,4}	Aqua (and) Ganoderma Lucidum Extract (and) Propanediol (and) Xanthan Gum	1.00
Phase E		
NaOH 30% w/w Solution	Sodium Hydroxide	q.s.

Procedure

Phase A: With proper personal protective equipment (PPE), add GlyAcid® 70 HP to main vessel. Slowly neutralize with Sodium Hydroxide 30% solution to pH 4.2 to 5.50. The reaction will be exothermic and generate heat. An ice bath may be used.

Phase B: Add Phase B to Phase A. **Phase C:** Premix Phase C and add to Phase AB when temperature is below 50°C.

Phase D: Add Phase D to Phase ABC. Phase E: If needed, adjust the final pH to 4.2 to 5.0 with Sodium Hydroxide 30% solution.

Suppliers

¹Coast Southwest, Inc., ²CrossChem, ⁵Sharon Personal Care, ⁴Naturethic

Properties

pH: 4.2 – 5.0

Viscosity: n.a.

Internal Ref: CSW 012-042

FORMULATION PROVIDED BY:

CoastSouthwest

For more information, contact coastsouthwest.com

PEARLY WHIPPED CLEANSER

Indulge in a luxurious cleansing experience with this whipped, pearl-like formula. Rich in palm-derived ingredients, it gently conditions and refreshes. Endinol® SCS, a coconut-derived surfactant, ensures a soft, nourishing cleanse, while **GlyAcid® 70 HP** delivers gentle exfoliation for a smooth, radiant complexion – pure skincare indulgence!

Phase A	INCI Name	% (w/w)
Deionized Water	Aqua	65.75
GlyAcid® 70 HP ^{1,2}	Glycolic Acid (and) Aqua	3.00
Triethanolamine 99%	Triethanolamine	q.s.
Allantoin ^{1,3}	Allantoin	1.00
Glycerin 99.7% USP ¹	Glycerin	6.00
Endinol® SCS ¹	Sodium Coco-Sulfate	4.50

Phase B		
Stearic Acid ¹	Stearic Acid	7.00
Palmitic Acid ¹	Palmitic Acid	6.00
Myristic Acid ¹	Myristic Acid	3.00
Cetyl Stearyl Alcohol ¹	Cetyl Stearyl Alcohol	0.50
Vitamin E Acetate ¹	Tocopheryl Acetate	2.00

Phase C		
Triethanolamine 99%	Triethanolamine	q.s.

Phase D		
Endicare® PQ-11 ¹	Polyquaterium-11	0.75
Phenoxyethanol	Phenoxyethanol	0.50

Procedure

Phase A: Add water to main vessel and begin heating to 70-75°C. At 40-50°C with moderate mixing, add GlyAcid® 70 HP followed by Triethanolamine 99% to pH 4.00 to 4.50. Continue heating, add remaining portion of Phase A. **Phase B:** In separate side of vessel heat Phase B to 70-75°C until a uniform solution is formed. At 70-75°C, add Phase B to Phase A with homogenizing for 1 to 2 minutes. Combine to phases until uniform. **Phase C:** Add Phase C slowly to Phase AB to the desired pH, then begin to cool with slow sweep or propeller mixing. **Phase D:** At 40°C, premix Phase D and add mixture to Phase ABC. Cool to 25°C, then transfer to final vessel.

Suppliers

¹Coast Southwest, Inc., ²CrossChem, ³V Sigma-USA

Properties

pH: 4.0 – 4.5

Viscosity: Spindle 5 @ 20.0 rpm = 8,000 to 11,000 cst

Internal Ref: CSW 12-030D

FORMULATION PROVIDED BY:

CoastSouthwest

For more information, contact coastsouthwest.com

GO-TO GLYACID® TONER

Elevate your skincare with this gentle yet powerful toner. **GlyAcid® 70 HP** exfoliates to clear clogged pores and blemishes, while EndiMoist® HA Solution hydrates and soothes with anti-inflammatory benefits. Endicare® C, a stable vitamin C derivative, boosts collagen and antioxidant protection for a radiant, healthy glow!

Phase A	INCI Name	% (w/w)
Deionized Water	Aqua	65.75
Endiquest® GLDA ¹	Tetrasodium Glutamate Diacetate	0.10
Glycerin 99.7% USP ¹	Glycerin	1.00
PEG 400 NF ¹	PEG-8	5.00

Phase B

GlyAcid® 70 HP ^{1,2}	Glycolic Acid (and) Aqua	5.00
Sodium Hydroxide (30%) w/w	Sodium Hydroxide	q.s.

Phase C

Sharomix 702 ^{1,3}	Dehydroacetic Acid (and) Benzoic Acid (and) Phenoxyethanol	0.70
EndiMoist® HA Solution ¹	Sodium Hyaluronate	0.50
Endicare® C	Sodium Ascorbyl Phosphate	1.00

Procedure

Phase A: Add water to main vessel and begin heating to 70-75°C. With moderate mixing, add remaining portion of Phase A. **Phase B:** With proper personal protective equipment (PPE), add **GlyAcid® 70 HP** to side vessel. Slowly neutralize the **GlyAcid® 70 HP** with Sodium Hydroxide 30% solution to pH 4.50 to 5.50. the reaction will be exothermic and generate heat. An ice bath may be used. Add Phase B to Phase A. Once AB is at 70-75°C, discontinue heat. **Phase C:** At 40-50°C add Phase C to Phase AB and mix until dissolved.

Suppliers

¹Coast Southwest, Inc., ²CrossChem, ³Sharon Laboratories Ltd

Properties

pH: 4.5 – 5.5

Viscosity: n.a.

Internal Ref: CSW 12-039B

FORMULATION PROVIDED BY:

CoastSouthwest[®]

For more information, contact coastsouthwest.com

NOT YOUR DAD'S AFTER SHAVE

Soothe and protect freshly shaved skin with this lightweight, non-tacky treatment.

GlyAcid® 70 HP gently exfoliates and brightens, while **Olivatis® 21** and **Rapidgel® EZ1** provide a smooth, quick-absorbing texture. Say goodbye to razor bumps and irritation, and hello to calm, refreshed skin after every shave!

Phase A	INCI Name	% (w/w)
Deionized Water	Deionized Water	73.40
1,3 Butylene Glycol ¹	Butylene Glycol	2.00
3V Allantoin ^{1,2}	Allantoin	0.50
Glycerin 99.7, USP ¹	Glycerin	4.00
Disodium EDTA	EDTA	0.10

Phase B		
Olivatis® 21 ^{1,3}	Olive Oil PEG-6 Esters (and) Olive Oil Polyglyceryl-6 Esters	4.00
Cosmosil DF Oil ^{1,4}	Dragon Fruit Seed Oil 1,4 (Hylocereus Undatus (Dragonfruit) Seed	2.00
Cosmosil BB Oil ^{1,4}	Baobab Oil 1,4 (Adansonia Digitata (Baobab) Oil	1.00
Cosmosil GO Oil ^{1,4}	Goji Berry Seed Oil 1,4 (Lycium Barbarum Seed Oil	1.00
JD Jojoba Colorless Oil ^{1,5}	Simmondsia Chinensis (Jojoba) Seed Oil	2.00

Phase C		
GlyAcid® 70 HP ^{1,6}	Glycolic Acid	4.00
KOH, 30% aq.	Potassium Hydroxide	q.s.

Phase D		
Rapidgel EZ-1 ^{1,2}	PEG-6 (and) AMP-Acrylates/ Vinyl Isodecanoate Crosspolymer	5.00

Phase E		
Sharomix™ 706 Plus ^{1,7}	Dehydroacetic Acid (and) Benzoic Acid (and) Tocopherol (and) Benzyl Alcohol	1.00

Procedure

Phase A: Mix Phase A ingredients until clear and uniform. **Phase B:** In separate vessel, mix Phase B until uniform. **Phase C:** In separate vessel, neutralize Phase C to pH > 4.2. Add Phase B to Phase A. A milky white solution results. Add Phase C to Phase AB gradually with moderate mixing. The mixture will incorporate and become uniform. **Phase D:** Add Phase D to Phase ABC with moderate mixing. Batch will thicken. **Phase E:** Once Phase ABCD thickens, add Phases E. Mix until uniform.

Suppliers

¹Coast Southwest Inc., ²3V Sigma USA, ³Medolla Iberia S.L., ⁴Ethox Chemicals, LLC., ⁵Jojoba Desert, ⁶CrossChem, ⁷Infinitec, ⁸Novachem S.R.L., ⁹Sharon Personal Care

Properties

pH: 6.0 – 6.5

Viscosity: spindle 3 @10 rpm (25°C) – 6,000 to 8,000 cst.

FORMULATION PROVIDED BY:

CoastSouthwest

For more information, contact coastsouthwest.com

SEDUCTIVE SKIN-BRIGHTENING SERUM

Reveal radiant, luminous skin with this powerful brightening serum. **GlyAcid® 70 HP**, a high-purity, formaldehyde-free exfoliant, enhances skin tone and texture, while EndiMoist® HA delivers Sodium Hyaluronate for deep hydration and improved elasticity. Experience smooth, glowing skin with every application!

Phase A	INCI Name	% (w/w)
Deionized Water	Deionized Water	73.40
^{1,2} Butylene Glycol ¹	Butylene Glycol	2.00
Polysorbate 20 ¹	Polysorbate 20	0.50
Glycerin 99.7 USP¹	Glycerin	4.00
EDTA	EDTA	
Ethox OCTG²	Glycereth-18 Ethylhexanoate (and) Glycereth-18	5.00

Phase B

GlyAcid® 70 HP^{1,3}	Glycolic Acid	5.00
KOH (30% aq.)	Potassium Hydroxide	q.s.

Phase C

Lumiglow^{TM1,4}	Water (and) Glycerin (and) Aristotelia Chilensis Fruit Extract	2.00
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Phase D

EndiMoist® HA Solution¹	PEG-6 (and) AMP-Acrylates/Vinyl Isodecanoate Crosspolymer	6.00
Hydroxyethylcellulose	Hydroxyethylcellulose	1.00

Phase E

Sodium Benzoate	Sodium Benzoate	0.50
Phenoxyethanol	Phenoxyethanol	0.50

Procedure

Phase A: In main vessel, add Phase A ingredients and mix until clear and uniform. Adding the Ethox OCTG will make the solution slightly hazy. **Phase B:** In a separate vessel, add Phase B ingredients and neutralize to pH >4.2. Mix until uniform. When mixed, add the solution to Phase A slowly until uniform.

Phase C: Add Phase C to Phase AB. The mixture will gradually become red. **Phase D:** Add the Hydroxyethylcellulose slowly to Phase ABC. Allow the mixture to thicken. A low viscosity gel will begin to form. Add the remainder of Phase D. The mixture should become a uniform gel. **Phase E:** Add Phase E to Phase ABCD in order, insuring the Sodium Benzoate stays in solution. Transfer to suitable vessel upon completion.

Suppliers

¹Coast Southwest Inc., ²Ethox Chemicals, LLC, ³CrossChem,

⁴Novachem S.R.L.

Properties

pH: 4 – 6.5

Viscosity: #3 @10 rpm (25°C) – 800 to 1,500 cst.

FORMULATION PROVIDED BY:

CoastSouthwest

For more information, contact coastsouthwest.com

TOUCH YOUR TOES AND SNAP YOUR HEELS FOOT BALM

Pamper tired feet with this ultra-emollient, exfoliating balm that softens and smooths. Endimate® 163 provides a silky, non-tacky feel, while **GlyAcid® 70 HP** gently exfoliates and revitalizes dry, calloused skin. Say goodbye to cracks and rough patches and hello to soft, refreshed feet with every step!

Phase A	INCI Name	%(w/w)
Coast PVA-24 (10% aq.)¹	Polyvinyl Alcohol	40.00
Sorbitol 70	Sorbitol	3.00
Ethox® OCTG^{1,2}	Glycereth-18 Ethylhexanoate (and) Glycereth-18	3.00
Phase B		
GlyAcid® 70 HP^{1,3}	Glycolic Acid	8.00
KOH (30%aq)	Potassium Hydroxide	q.s.
Phase C		
Lilac^{1,4}	C12-22 Alkane	5.00
Endimate® 163¹	Ethylhexyl Stearate(and)ethylhexyl Palmitate(and) Diethylhexyl Adipate	3.00
ECOROL® 18/98 P^{1,5}	Stearyl Alcohol	3.00
PURETOL™ 7^{1,6}	Mineral Oil	7.00
Phase D		
Paraffin Wax 1236	Paraffin wax	1.50
Microcrystalline Wax 5714A	Microcrystalline wax	0.75
Microcrystalline Wax 5788	Microcrystalline wax	15.75
Jojoba Golden Butter^{1,7}	Simmondsia Chinensis (Jojoba) Seed Oil (and) C10-18 Triglycerides	3.00
Endimulse® GMS-SE¹	Glyceryl Stearate	4.00
Phase E		
Sharomix™ 706 Plus^{1,8}	Dehydroacetic Acid (and) Benzoic Acid (and) Tocopherol (and) Benzyl Alcohol	1.00

Procedure

Phase A: Heat Phase A to 70°C to 75°C. **Phase B:** In separate vessel, add **GlyAcid® 70 HP**. Neutralize with the KOH solution to pH 4.2. At 50°C to 60°C, add Phase B to Phase A. Heat to 70°C to 75°C. **Phase C:** In separate vessel, mix and heat Phase C to 55°C to 60°C. **Phase D:** Add Phase D to Phase C. Heat to 70°C to 75°C. Add Phase CD to Phase AB. Mix until uniform. Cool to 40°C to 45°C. **Phase E:** Add Phase E to Phase ABCD. Cool to 25°C to 30°C. Viscosity should increase. Transfer to a suitable vessel and allow to thicken.

Suppliers

¹Coast Southwest, Inc., ²Ethox Chemicals LLC, ³CrossChem, ⁴Sonneborn LLC, ⁵Ecogreen Oleochemicals, ⁶Petro-Canada Lubricants, ⁷Jojoba Desert (A.C.S.) Ltd, ⁸Sharon Personal Care

Properties

pH: 4.0 – 5.5

FORMULATION PROVIDED BY:

CoastSouthwest™

For more information, contact coastsouthwest.com

CREMA ANTIEDAD CON GLYACID®

Renueva y rejuvenece la piel con esta crema antiedad, formulada con **GlyAcid®** para suavizar líneas finas y mejorar la elasticidad. Enriquecida con Ácido Hialurónico de alto peso molecular, proporciona hidratación intensa y duradera, restaurando la piel para una apariencia más firme, luminosa y revitalizada

Fase	Nombre INCI	% (w/w)
1 Agua	Water	50.70
2 Sintopol LSA 300 ¹	Sodium acrylate (and) acryloyldimethyl copolymer taurate(and) mineral oil (and) liquid paraffin (and) trideceth-6	3.20
3 Emulzome ²	Mineral Oil (and) Hydrogenated Polyisobutene (and) Stearyl Heptanoate (and) Aqua	19.10
4 Epidermosil ²	Hyaluronic Acid and Silanetriol	6.00
5 D.S.H.C.N. ²	Dymethylsilanol Hyaluronato	6.00
6 Glicerina	Glycerin	2.50
7 Quiditat SRC ³	Cocos Nucifera (Coconut) Fruit Extract (and) Hypnea Musciformis Extract(and) Gelidiella Acerosa Extract (and) Phenoxyethanol (and) Caprylyl Glycol (and) Sorbic Acid	10.00
8 Euxyl PE9010 ⁴	Phenoxyetanol and Ethylhexylglycerin	0.50
9 GlyAcid® 99 HP ⁵	Glycolic Acid	2.00

Procedimiento

1. Pesar ingredientes del 1 al 3 y 6 y agitar aproximadamente a 1500 RPM. **2.** Proceder a adicionar uno a uno el resto de los ingredientes sin dejar de agitar. **3.** Proceder a envasar.

Proveedores

¹Sintoquim, ²Exsymol, ³Assessa, ⁴Ashland, ⁵CrossChem

Propiedades

pH: 3.59 – 5.5

Viscosidad: 2500 cp sp 64 / 20 rpm / 20 s

FORMULACIÓN APORTADA POR:



Para más información, contactar con sintoquim.com

SERUM BIFASICO

Este sérum antiedad con **GlyAcid®** exfolia suavemente la capa superior de la epidermis, eliminando células muertas y renovando la piel. Su acción debilita los enlaces lipídicos, promoviendo una textura uniforme, suavidad y luminosidad. Ideal para una piel radiante, revitalizada y saludable.

Fase A	Nombre INCI	% (w/w)
Agua	Water	51.67
Glicerina	Glycerin	4.52
Epidermosil ¹	Hyaluronic Acid and Silanetriol	6.00
Quiditat NWP ²	Cucumis Sativus (Cucumber) Fruit Extract, Kappaphycus Alvarezii Extract, Eucheuma Spinosum Extract, Phenoxyethanol and Ethylhexylglycerin	1.50
GlyAcid® 99 HP³	Glycolic Acid	5.00
Euxyl PE90104	Phenoxyethanol (and) Ethylhexylglycerin	0.90
Fase B		
Dermol 99 ⁵	Isononyl Isononanoate	25.05
Bioelixir ⁶	Dioleil Tocopheryl Methylsilanol (and) Oleyl Alcohol	4.52
Vitamina E	Dioleil Tocopheryl Methylsilanol (and) Oleyl Alcohol	0.23
Ácido Salicílico ⁷	Salicylic Acid	0.50

Procedimiento

1. Pesar e incorporar los ingredientes de la **Fase A** con agitación mecánica y calentamiento. **2.** Pesar e incorporar los ingredientes de la **Fase B**. **3.** Cuando Fase A se encuentre a 40° c incorporar con Fase B y envasar.

Proveedores

¹Exsymol, ²Assessa, ³CrossChem., ⁴Ashland, ⁵Alzo, ⁶Aqia, ⁷Sintoquim

Propiedades

pH: 4.5 – 5.5

Viscosidad: n.a.

FORMULACIÓN APORTADA POR:



Para más información, contactar con sintoquim.com

JABÓN EN BARRA

Este jabón exfoliante con **GlyAcid®** potencia la renovación celular, dejando la piel más suave y uniforme. Su acción química ayuda a prevenir el acné, evitando la formación de comedones mientras estimula la producción de colágeno y elastina. Ideal para una piel renovada, luminosa y saludable.

Fase	Nombre INCI	% (w/w)
1 Polybase SC ¹	Paraffin (and) Cocamide MEA (and) Cetearyl Alcohol (and) Sodium Lauryl Sulfate (and) Stearic Acid (and) Ricinus Communis (Castor) Seed Oil (and) PEG-20	77.53
2 Dermol SLLC ²	Sodium acrylate (and) acryloyldimethyl copolymer taurate (and) mineral oil (and) liquid paraffin (and) trideceth-6	5.10
3 Plantaren 2000 N UP	Decyl Glucoside	2.49
4 Protachem HCO-25 ³	PEG-25 Hydrogenated Castor Oil	3.56
5 Trivent Mango Butter ²	Mangifera Indica (Mango) Seed Butter	2.04
6 Actimulsi GA 20 ⁴	Acacia Senegal Gum Extract	5.10
7 Euxyl K830 ⁵	Phenoxyethanol (and) Ethylhexylglycerin (and) Octenidine HCl	0.10
8 GlyAcid® 99 HP ⁶	Glycolic Acid	1.02
9 Purester 24 ⁷	Lauryl Laurate	3.06

Procedimiento

Pesar todos los componentes, calentar hasta homogenización.

Proveedores

¹Aqia, ²Alzo, ³Protameen, ⁴Assessa, ⁵Ashland, ⁶CrossChem, ⁷Strahl & Pittsch

Propiedades

pH: 6 – 6.5

Viscosidad: n.a.

FORMULACIÓN APORTADA POR:



Para más información, contactar con sintoquim.com

EXFOLIANTE AHA Y BHA

Este exfoliante avanzado con **GlyAcid®** y BHA promueve la renovación celular, reduciendo la apariencia de líneas finas y arrugas. Estimula la producción de colágeno y elastina, mejorando el tono y textura de la piel. Su acción queratolítica y comedolítica ayuda a eliminar puntos negros y combatir imperfecciones.

Fase A	Nombre INCI	% (w/w)
Aqua	Aqua	≤ 100.00
Goma Xantana	Xanthan Gum	2.00
Acido Salicílico ¹	Salicylic acid	0.20
Dermol BG ²	Butylene Glycol	
Trivalin SF ²	Ethoxydiglycol	1.50
Glicerina	Glycerin	2.00

Fase B		
Dermowax BB ²	Behenyl Behenate	0.50
Acido Salicílico	Salicylic acid	0.20
Sugar Squalane ³	Squalane	4.37
Elefac™ I-205 ²	Octyldodecyl Neopentanoate	1.65
Sintopol LSA 300⁴	Sodium Acrylate/Sodium Acryloyldimethyl Taurate Copolymer (and) Mineral Oil (and) Trideceth-6	2.91
Nikkolipid 81S ⁵	Batyl Alcohol, Stearic Acid, Lecithin, Caprylic/Capric Triglyceride	5.83

Post Emulsión

NaOH	Sodium hydroxide	csp
Quiditat NWP PE ⁵	Cucumis Sativus (Cucumber) Fruit Extract, Hypne Musciformis Extract, Gelidiella Acerosa Extract, Phenoxy-ethanol and Ethylhexylglycerin	2.43
Euxyl PE9010 ⁶	Phenoxyethanol (and) Ethylhexylglycerin	0.87
Agua	Aqua	9.71
GlyAcid® 99 HP⁷	Glycolic acid	5.83

Procedimiento

1. Dispersar goma xantana en agua, Adicionar ácido salicílico solubilizado en Dermol BG y Trivalin SF. Adicionar glicerina.
2. Mezclar y fundir **Fase B** a 75°C. Adicionar a **Fase A** a la misma temperatura y agitar a 700 rpm por 10 minutos. Neutralizar con hidróxido de sodio hasta llegar a pH de.
3. Por debajo de los 40°C, adicionar **Fase D**.

Proveedores

¹JOC Pharmaceutica, ²Alzo, ³Nikko, ⁴Sintoquim, ⁵Assessa, ⁶Ashland, ⁷CrossChem

Propiedades

pH: 3.5 – 5.5

Viscosidad: 500 – 900 cps sp: 64 / 20 rpm / 30 S

FORMULACIÓN APORTADA POR:



Para más información, contactar con sintoquim.com

DAILY DEEP MOISTURIZING LOTION

Hydrate and nourish your skin with this lightweight yet deeply moisturizing lotion. Enriched with **GlyAcid®**, it promotes gentle exfoliation and skin renewal, while rich emollients lock in moisture for lasting hydration. Leaves skin feeling soft, smooth, and radiant – every single day! component for skin elasticity and appearance.

Phase A	INCI Name	% (w/w)
Deionized Water	Aqua	q.s.
Disodium EDTA	Disodium EDTA	0.05
AGlycerin	Glycerin	2.00
Xanthan Gum	Xanthan Gum	0.20

Phase B

Simulso® 165	Cetearyl Alcohol, Ceteareth-20	2.00
ESSACHEM® O	Octyldodecyl Oliviate	5.00
ESSACHEM® BW	Behenyl Oliviate	5.00
BZeniveg®	Octyl dodecanol, Euphorbia Cerifera (Candelilla) Wax, Cetearyl Behenate, Polyhydroxystearic acid, Behenic Acid	10.00
B Jeechem® TN	C12-15 Alkyl Benzoate	10.00
VEGAROL®1695	Cetyl Alcohol	2.00

Phase C

Jeesilc® 220	Cyclomethicone	5.00
AQUAXYL™	Xylitylglucoside, anhydroxylitol, Xilitol	2.00
Kem NAT	Benzyl Alcohol, Glyceryl Caprylate, Glyceryl Undecylenate	1.40
GlyAcid® 70 HP	Glycolic Acid	1.50
Parfum	Parfum	q.s.
Potassium Hydroxide	Potassium Hydroxide	q.s.
Citric Acid	Citric Acid	q.s.

Procedure

Phase A: Into the main vessel add #1. Set the mixer on high speed then add #2, mix until dissolved and no lumps remain. Add in #4 and mix until homogenous. Add in #3 and continue to mix. At low to moderate speed commence heating to 80 ± 1 °C.

Phase B: In a separate vessel add all the components of Phase B (#5, #6, #7, #8, #9, and #10). Commence heating to 80 ± 1 °C. **Phase D:** In a separate smaller vessel, neutralize #14 to a pH of 4.5 using #16 (this will generate heat), monitor temperature which could get as high as 70 °C. After the target pH is reached, begin cooling to 40 ± 1 °C. **Completion:** See Formula Index EM2301-35

Suppliers

CrossChem, SEPPIC, TC USA Inc., Jeen, Akema, VVF Ltd.

Properties

pH: 5.0 – 6.5

Viscosidad: 500 – 900 cps sp: 64 / 20 rpm / 30 S

FORMULATION PROVIDED BY:



For more information, contact **ctc.ca**

DRY FEEL BODY BUTTER

Indulge in rich hydration without the greasy feel! Infused with **GlyAcid®**, this luxurious body butter gently exfoliates and promotes skin renewal, while deeply moisturizing and nourishing. Its quick-absorbing formula provides long-lasting hydration with a light, dry-touch finish – for silky, refreshed skin every day!

Phase A	INCI Name	% (w/w)
Deionized Water	Water (Aqua)	q.s.
Glycerine	Glycerine	3.00
Solagum™ Tara	Caesalpinia Spinosa Gum	0.30

Phase B		
ESSACHEM® BW	Behenyl Oliviate	4.00
Butter-Plus™ E	Octyl dodecanol, Stearyl olivate, Euphorbia Cerifera (Candelilla) Wax, Cetearyl behenate, Polyhydroxystearic acid, Behenic Acid	5.00
Montanov™ L	C14-22 Alcohol, C12-20 alkyl glucoside	4.00

Phase C		
ESSACHEM® PVL	Plukenetia Volubilis, Mixed Esters†	8.00

Phase D		
GlyAcid® 70 HP	Glycolic acid	2.50
Kem NAT	Benzyl Alcohol, Glyceryl Caprylate, Glyceryl Undecylenate	1.40
Parfum	Parfum	q.s.
Potassium Hydroxide	Potassium Hydroxide	q.s.
Citric Acid	Citric Acid	q.s.

Procedure

Phase A: Into the Main vessel combine the components of "Phase-A" as follows; Add ingredient #1. Set the paddle mixer on a moderate speed and slowly add (sprinkle) in #3. Mix until completely dissolved (i.e., no lumps or agglomerations remain). Add in ingredient #2 and continue mixing to ensure a completely homogeneous mixture. While mixing at moderate speed, commence heating to 80 ± 1 °C. **Phase B:** In a separate vessel, while mixing at a moderate speed, add all the components of "Phase-B" (ingredients #4, #5, & #6). Continue mixing at a low/moderate speed and commence heating to 80 ± 1 °C. Continue to mix until all waxes and solids are melted and have been completely incorporated. **Phase-D:** In a separate smaller vessel, neutralize #8 to a pH of 4.5 using #11 (this will generate heat), monitor temperature which could get as high as 70 °C. After the target pH is reached, begin cooling to 40 ± 1 °C. **Completion:** See Formula Index EM2301-33

Suppliers

CrossChem

Properties

pH (ASIS) @ 25 °C: 5.0 to 6.5

FORMULATION PROVIDED BY:



For more information, contact ctc.ca

MILD ENRICHED FOAMING MICELLAR FACIAL WASH

Experience a gentle yet effective cleanse with this micellar-infused foaming facial wash. Formulated with **GlyAcid®**, it provides mild exfoliation and skin renewal, while nourishing ingredients maintain hydration and balance. Leaves skin feeling soft, refreshed, and radiant – perfect for daily cleansing without dryness or irritation!

Phase A	INCI Name	% (w/w)
Deionized Water	Aqua	q.s.
GlyAcid® 99 HP	Glycolic Acid	3.00
Zenicone® XX	PEG-8 Dimethicone, PEG-8 Ricinoleate	1.00

Phase B		
TI-NatSurf® FHS	Aqua, Caprylyl/capryl glucoside, Sodium lauroyl sarcosinate, Decyl glucoside, Cocamidopropyl hydroxysultaine, Sodium cocoyl apple amino acids	29.50
ESSACHEM® AR-5	Octyldodecyl Oleate, Argania Spinosa Kernel Oil	1.30

Phase C		
Kem NAT B	Benzyl Alcohol, Glyceryl Caprylate, Benzoic Acid, Propanediol	1.00
Fragrance	Parfum	q.s.
Colour	Colour	q.s.
Sodium Hydroxide (50% Solution)	Sodium Hydroxide	q.s.
Citric Acid (25% Solution)	Citric Acid	q.s.

Procedure

Aqueous Phase: Into a suitable sized secondary vessel charge the calculated amount of deionized water (#1). 2.Begin mixing with moderate agitation, and charge #2 and #3. 3.Once #2 and #3 are completely incorporated, begin to heat the solution to 80 ± 1 °C under continuous moderate agitation. **Emulsifiable**

Concentrate: 1. Onto the main vessel charge the calculated amount of #4. 2.Begin to heat to 50 ± 1 °C with moderate agitation. 3. While maintaining 50 ± 1 °C, begin homogenization process to a speed of 1,200 RPM. 4. Add in the #5 in a slow continuous stream into the vortex. 5. Once completely incorporate, continue homogenization at 1,200 RPM for further 3 minutes. 6. Increase speed to 2,200 RPM for an additional 2 minutes **Forming the Micro-Emulsion:** 1. Transfer the Aqueous Phase to the main vessel containing the Emulsifiable Concentrate and change over to high sheer mixing while maintaining 50 ± 1 °C. 2. Increase temperature to 80 ± 1 °C while continuing to maintain high sheer mixing for 18 to 20 minutes.

Completion: See Formula Index EM2208-10

Suppliers

CrossChem, TC USA Inc., Akema

Properties

pH (10%) @ 25 °C: 5.0 to 6.0

Total Actives: 8.7% to 9.4%

FORMULATION PROVIDED BY:



For more information, contact ctc.ca

WATER RESISTANT DAILY LOTION WITH GLYACID®

Defend and nourish your skin with this water-resistant daily lotion, powered by natural antioxidants, vitamins, and **GlyAcid®**. This formula hydrates, exfoliates, and protects against environmental stressors while maintaining long-lasting moisture. Leaves skin smooth, radiant, and refreshed – perfect for all-day wear, no matter the elements!

Phase A	INCI Name	% (w/w)
Deionized Water	Water (Aqua)	q.s.
Glycerine	Glycerine	3.00

Phase B

Solagum™ Tara	Caesalpinia Spinosa Gum	0.30
ESSACHEM® BW¹	Behenyl Oliviate	4.00
ESSACHEM® JP-C	Jojoba Esters	5.00
Montanov™ L	C14-22 Alcohol, C12-20 alkyl glucoside	4.00

Phase C

ESSACHEM® PVL	Plukenetia Volubilis, Mixed Esters†	8.00
Kem NAT	Benzyl Alcohol, Glyceryl Caprylate, Glyceryl Undecylenate	1.40

Phase D

GlyAcid® 70 HP	Glycolic acid	2.50
Parfum	Parfum	q.s.
Potassium Hydroxide	Potassium Hydroxide	q.s.
Citric Acid	Citric Acid	q.s.

Procedure

Aqueous Phase A: Into the Main vessel combine the components of "Phase-A" as follows; Add ingredient #1. Set the paddle mixer on a moderate speed and slowly add (sprinkle) in #3. Mix until completely dissolved (i.e., no lumps or agglomerations remain). Add in ingredient #2 and continue mixing to ensure a completely homogeneous mixture. While mixing at moderate speed, commence heating to 80 ± 1 °C. **Oil Phase:** In a separate vessel, while mixing at a moderate speed, add all the components of "Phase-B" (ingredients #4, #5, & #6). Continue mixing at a low/moderate speed and commence heating to 80 ± 1 °C. Continue to mix until all waxes and solids are melted and have been completely incorporated. **Phase D:** In a separate smaller vessel, neutralize #8 to a pH of 4.5 using #11 (this will generate heat), monitor temperature which could get as high as 70 °C. After the target pH is reached, begin cooling to 40 ± 1 °C. **Completion:** See Formula Index EM2301-34

Suppliers

SEPPIC, TC USA Inc., Akema S.r.l., **CrossChem**

Properties

pH: (ASIS) @ 25 °C: 5.0 – 6.5

Total Water Content: 72.5 ± 1%

FORMULATION PROVIDED BY:



For more information, contact **ctc.ca**

BOOST AND BRIGHTEN YOUR SKIN'S ATTITUDE

Light the way to luminous skin with this serum specially formulated with **GlyAcid®**, a high-purity and formaldehyde-free, anti-aging exfoliant that rejuvenates and brightens the skin. Bellativa® Gold C Bright provides potent antioxidant activity by utilizing a gold complex for increased skin penetration.

Phase A	INCI Name	% (w/w)
Deionized Water	Water	75.10
1,3-Butylene Glycol ¹	Butylene Glycol	2.00
Ethoxcare® PS-20 ^{1,2}	Polysorbate 20	0.50
Glycerin 99.7%, USP ¹	Glycerin	4.00
Disodium EDTA		0.10
Ethoxcare® OCTG ^{1,2}	Glycereth-18 Ethylhexanoate (and) Glycereth-18	5.00
Phase B		
GlyAcid® 70 HP ^{1,3}	Glycolic Acid	5.00
KOH, 30%	Potassium Hydroxide	q.s.
Phase C		
Bellativa® Gold C Bright ¹	Water (and) Xanthan Gum (and) Gold (and) Ascorbic Acid (and) Ferulic Acid	0.30
Phase D		
Hydroxyethylcellulose		1.00
EndiMoist® HA Solution ¹	Sodium Hyaluronate	6.00
Phase E		
Sodium Benzoate ^{1,4}	Sodium Benzoate	0.50
Phenoxyethanol ^{1,4}	Phenoxyethanol	0.50

Procedure

Phase A: In main vessel, add Phase A ingredients and mix until clear and uniform. **Phase B:** In a separate vessel, add Phase B ingredients and neutralize to pH above 4.2 by adding the KOH solution slowly to the **GlyAcid® 70 HP**. Mix until uniform, then add the solution to Phase A slowly. **Phase C:** Add Phase C to Phase AB. **Phase D:** Add the hydroxyethylcellulose slowly to Phase ABC. Allow the mixture to thicken. A low viscosity gel will begin to form. Add the remainder of Phase D. The mixture should become a uniform gel. **Phase E:** Add Phase E to Phase ABCD in formula order.

Suppliers

¹Coast Southwest, Inc., ²Ethox Chemicals, LLC, ³CrossChem, ⁴Sharon Personal Care

Properties

pH: 4.0 – 6.5

Viscosity: Spindle 3 @10 rpm (25°C) – 800 to 1,500 cP

FORMULATION PROVIDED BY:

CoastSouthwest

For more information, contact coastsouthwest.com

SHED LIGHT ON BRIGHTER SKIN

This luxurious body wash blends naturally-derived surfactants for a soft, smooth cleansing experience. Infused with 3% **GlyAcid® 70 HP**, it provides gentle exfoliation, anti-aging benefits, and lasting hydration. Leaves skin feeling refreshed, radiant, and deeply nourished – for a revitalizing shower experience every day!

Phase A	INCI Name	% (w/w)
Deionized Water	Water	54.85
Glycerin 99.7% USP ¹	Glycerin	2.00
Endiquest™ GLDA ¹	Tetrasodium Glutamate Diacetate	0.10
Guar Hydroxypropyltrimonium Chloride		1.50

Phase B

Endinol® MILD B-SF70A ¹	Sodium Cocoyl Isethionate (and) Cocamidopropyl Hydroxysultaine (and) Disodium Cocoyl Glutamate (and) Lauryl Glucoside (and) Cocamidopropylamine Oxide (and) Caprylyl/Capryl Glucoside)	20.00
Techmine 300 ^{1,2}	Lauramine Oxide	5.00
Enditeric® C Surfactant ¹	Cocamidopropyl Betaine	5.00
Endamide® CIPA Surfactant ¹	Cocamide MIPA	2.50

Phase C

Deionized Water	Water	5.00
GlyAcid® 70 HP ^{1,3}	Glycolic Acid	3.00
KOH, 30%	Potassium Hydroxide	q.s

Phase D

Poleryl 10 LA ^{1,4}	Polyglyceryl-10 Laurate	0.25
Fragrance		q.s.

Phase E

Sharomix™ EG10 Plus ^{1,5}	Phenoxyethanol (and) Ethylhexylglycerin (and) Tocopherol	0.80
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Procedure

Phase A: In main vessel, combine Phase A. Allow the guar hydroxypropyltrimonium chloride to wet out completely. Mix for at least 15 minutes. Begin heating to 65°C to 70°C. **Phase C:** In a separate vessel, combine Phase C by slowly adding KOH (recommended as a 30% solution) to the water and **GlyAcid® 70 HP** solution until the pH reaches ~ 4.0 to 4.5. Set Phase C aside.

Phase B: Add Phase B to Phase A in formula order and combine until uniform and melted. Discontinue heat. Add Phase C slowly to Phase AB ensuring the solution is uniform. Once uniform, adjust pH to reach the desired pH ~ 4.5 to 5.5. **Phases D,E:** At 35°C to 40°C, pre-mix Phase D. Add to main vessel, followed by Phase E. Adjust the viscosity with salt to the desired consistency.

Suppliers

¹Coast Southwest, Inc., ²Southern Chemical & Textiles,

³CrossChem, ⁴Medolla Specialty Chemicals, ⁵Sharon Personal Care

Properties

pH: 4.0 – 6.0

Viscosity: Spindle 4 @ 5 rpm (25°C) – 25,000 to 35,000 cP

FORMULATION PROVIDED BY:

CoastSouthwest

For more information, contact coastsouthwest.com

BASE GEL PH ÁCIDO

Desenvolvida para a tendência de hiperpersonalização, esta base em gel suporta baixo pH, permitindo a adição de ativos ácidos como **GlyAcid®** para exfoliação e renovação celular. Sua fórmula minimalista contém Natrathix™ Bio Cellulose, um espessante e estabilizador de emulsões derivado de celulose natural por processos biotecnológicos – perfeito para formulações inovadoras!

Fase A	Nombre INCI	% (w/w)
Água Deionizada	Deionized Water	82,00
Glicerina	Glycerin	2,00
Natrathix™ Bio Cellulose ¹	Cellulose Gum Ashland	1,00
Fase B		
Água Deionizada	Deionized Water	10,00
GlyAcid® 70 HP ²	Glycolic Acid	2,00
Fase C		
Optiphen™ BSB-W Preservative ¹	Benzyl Alcohol (and) Sodium Benzoate (and) Potassium Sorbate (and) Aqua (Water)	1,00
Gransil VX-409 ³	Bis-Peg-8 Dimethicone	2,00

Procedimento

Phase A: Pesar em um béquer, todos os ingredientes da Fase A, exceto pelo Natrathix™ Bio Cellulose. 2. Levar o sistema a agitação e, aos poucos, adicionar Natrathix™ Bio Cellulose até completa dissolução e homogeneizar. 3. Em outro béquer pesar a Fase B e corrigir o pH para 3,5. Verter no primeiro béquer. 4. Pesar Fase C e adicionar ao sistema. Corrigir o pH se necessário novamente.

Provedores

¹Ashland, ²CrossChem, ³Grant

Propiedades

pH: 3,0 – 3,5

Viscosity:

FORMULACIÓN APORTADA POR:



Para más información, contactar con imcdgroup.com

SABONETE FACIAL COM GLYACID®

Com uma fórmula suave e espuma rica e cremosa, este sabonete facial limpa profundamente sem ressecar. **GlyAcid® 70 HP**, um ácido glicólico de alta performance, promove esfoliação suave, renovação celular e luminosidade, deixando a pele fresca, macia e revitalizada a cada uso!

Fase A	INCI Name	% (w/w)
Água	Deionized	61,95
NatrIquest™ E30	Trisodium Ethylenediamine Disuccinate	0,40
Iselux®	Sodium Lauroyl Methyl Isethionate	4,00
Fase b		
Luxuriact®	Sodium Methyl Cocoyl Taurate	5,00
Peg 150 Distearate	Peg 150 Distearate	2,00
Pureact Gluco L	Lauryl Glucoside	5,00
Fase C		
GlyAcid® 70 HP	Glycolic Acid	2,00
Água	Deionized Water	10,00
Cocamidopropyl Betaina	Cocamidopropyl Betaina	6,00
Fragrância	Parfum	0,15
Fase D		
Lactiquat®	Polyglyceryl-3 Betainate Lactate Socri	2,00
Sensiva™ SC 80 Multifunctional	Propanediol (and) Caprylyl Glycol (and) Caprylhydroxamic Acid	1,50

Procedimento

1. Em um béquer pesar a Fase A e iniciar o aquecimento, assim que todo surfactante estiver solúvel adicionar a Fase B e deixar em aquecimento e leve homogeneização até total solubilização. E iniciar o resfriamento do sistema. 2. Em outro béquer pesar e homogeneizar a Fase C e corrigir o pH para 4,0 – 4,5 3. Em outro recipiente homogeneizar a Fase D 4. Verter a Fase C no béquer com Fase A + B 5. Adicionar a Fase D e homogeneizar bem.

Provedores

¹Innospec, ²CrossChem, ³FAV105, ⁴Socri, ⁵Ashland

Propiedades

pH: 4,0 – 4,5

Viscosity:

FORMULACIÓN APORTADA POR:



Para más información, contactar con imcdgroup.com

DUAL EXFOLIATOR

Este exfoliante avanzado combina exfoliación química y mecánica para una piel suave y radiante. **GlyAcid®** exfolia suavemente la superficie, mientras que exfoliantes naturales eliminan las células muertas, dejando la piel renovada, uniforme y luminosa. Ideal para lograr una exfoliación profunda y un cutis fresco.

Fase A	Nombre INCI	% (w/w)
Água	Aqua	68,40
EDTA	Disodium EDTA	0,10
ARON NTZ ¹	Sodium Acrylates Crosspolymer-2	4,00
Fase B		
GlyAcid® 99 HP ²	Glycolic Acid	6,00
Fase C		
Tea	Triethanolamine	1,00
Fase D		
Nikkolipid 81S ¹	Batyl Alcohol (and) Stearic Acid (and) Lecithin (and) Caprylic/Capric Triglyceride	2,00
Sunquart TMS ³	Behentrimonium Methosulfate (and) Cetearyl Alcohol	5,00
Polymol GCC ⁵	Caprylic (and) capric triglycerides	6,00
Fase E		
Jojoba Beads 40 /60 Blue ⁴	Jojoba esters	6,00
Jojoba Beads 40/60 White ⁴	Jojoba esters	2,00
Fase F		
Epidermosil ⁵	Silanetriol (and) hyaluronic acid	3,00
Fase G		
SHAROMIX EG 10 ⁶	Phenoxyetanol (and) Ethylhexylglycerin	0,50

Procedimiento

Ver Procedimiento 663-1-B

Proveedores

¹NIKKO, ²CrossChem, ³Aqia, ⁴Purcell, ⁵Exsymol, ⁶Sharon Personal Care

Propiedades

pH:

Viscosity:

FORMULACIÓN APORTADA POR:



Para más información, contactar con sintoquim.com

ESPUMA DE AFEITAR EN BARRA

Disfruta de un afeitado suave y preciso con esta espuma en barra. Formulada con **GlyAcid®**, exfolia suavemente y prepara la piel, mientras que sus agentes emolientes facilitan el deslizamiento de la navaja. Deja la piel hidratada, fresca y sin irritaciones para un afeitado impecable.

Fase A	Nombre INCI	% (w/w)
Polybase SC¹	Paraffin (and) Cocamide MEA (and) Cetearyl Alcohol (and) Sodium Lauryl Sulfate (and) Stearic Acid (and) Ricinus Communis (Castor) Seed Oil (and) PEG-20.	88,00
Ácido Esteárico²	Stearic Acid	3,00
Fase B		
GlyAcid® 70 HP³	Glycolic Acid	2,00
Bloextract Papaya HG SP¹	Carica Papaya (Papaya) Fruit Extract	1,00
Bioelixir¹	Gossypium herbaceum Seed Oil (and) Butyrospermum parkii Butter (and) Macadamia ternifolia Seed Oil (and) Cocos nucifera Fruit Extract (and) Cha-momilla recutita Flower Extract (and) Aloe barba-densis Leaf Extract (and) Camellia sinensis Leaf Ex-tract (and) Cinnamomum zeylanicum Bark Extract (and) Acorus calamus Root Extract (and) Commiphora myrrha Resin Extract (and) Olea europaea Fruit Oil (and) Aqua (and) Argania spinosa Kernel Oil (and) Lecithin (and) Polyglyceryl-3 Diisostearate (and) Glycerin (and) Glyceryl Stearate	3,00
Friogel¹	Methyl Lactate	0,50
Plantcol¹	Acacia Senegal Gum Extract	1,50
Sharomix EG10⁴	Ethylhexylglycerin (and) Phenoxyethanol	1,00

Procedimiento

Fase A: Pesar e incorporar los ingredientes 1,2,6 y 7 hasta homogeneizar. **Fase B:** Posteriormente adicionar los ingredientes faltantes. Agitar durante 2 min y proceder a envasar

Proveedores

¹Aqia, ²Magnakron, ³CrossChem, ⁴Sharon Personal Care

Propiedades

pH:

Viscosity:

FORMULACIÓN APORTADA POR:



Para más información, contactar con sintoquim.com

EXFOLI-FOAM

Experience a deep cleanse and gentle exfoliation with this refreshing foaming formula.

GlyAcid® removes impurities and dead skin cells, while Tea Tree Essential Oil purifies and soothes. TI-NatSurf® FHS, a mild surfactant, ensures a creamy, non-drying lather, leaving skin fresh, soft, and revitalized after every wash!

Phase A	INCI Name	% (w/w)
TI-NatSurf® FHS	Aqua (Water), Caprylyl/capryl glucoside, Sodium lauroyl sarcosinate, Decyl glucoside, Cocamidopropyl hydroxysultaine, Sodium cocoyl amino acids	30.00
Tea Tree Essential Oil	Melaleuca Alternifolia Leaf Oil (Tea Tree oil) Fragrance Oil	1.00
Deionized water	Water / Aqua Diluent	q.s.

Phase C

GlyAcid® 70 HP	Glycolic Acid	10.00
Galacid Excel 88	Lactic Acid	5.70

PhaseD

Kem EHG	Phenoxyethanol, Ethylhexylglycerin	1.00
FD&C Colour	INCI "CI" Number	q.s.
Parfum	Fragrance	q.s.
Sodium Hydroxide (50% Solution)	Sodium Hydroxide	q.s.
Citric Acid (25% Solution)	Citric Acid	q.s.

Procedure

Phase A: Add #1 to container and mix at low to moderate speed with propeller blade while heating to 50–55°C. Add #2 and move to homogenizer. Homogenize at 1,200 rpm for 3 min and 2,400 rpm for 3 min. Move back to mixer and mix at moderate speed for 15 min at 50 °C. **Phase B:** Add Water (#3) and heat to 80 °C while mixing at high speed. Once at 80 °C discontinue heat and begin cooling. **Completion:** In a separate container add #4 and #5 and slowly neutralize to pH of 4.0, taking care not to surpass 50 °C as the reaction will create heat. When the main beaker is at 55 °C add components of Phase C. Adjust pH further if required. At 50 °C add #6 and continue mixing until at room temperature. If desired add colourant.

Suppliers

CrossChem, Galactic, New Directions Aromatics, Akema

Properties

pH: 25 °C: 4.5 ± 0.5

Total Water Content: 43.0%

FORMULATION PROVIDED BY:



For more information, contact **ctc.ca**



GlyAcid[®]

GLYCOLIC ACID
FORMALDEHYDE FREE

HAIR

SCALP

SKIN

NAILS

LIPS

'WE CARE FOR CUTICLE' TREATMENT

Pamper your nails and cuticles with this smoothing and conditioning treatment.

GlyAcid® gently softens the cuticle, making it easier to care for, while the formula nourishes the nail bed for a healthy, flawless look. Its non-greasy, non-tacky finish ensures a light, comfortable feel – perfect for everyday nail care!

Phase A	INCI Name	% (w/w)
demin. Water	Aqua	Up tp 100
dermofeel G 10 LW ¹	Polyglyceryl-10 Laurate, Aqua, Citric acid	3.0
Glycerin 99.5% ²	Glycerin	3.0
Aloe Vera ²	Aloe Barbadensis Leaf Juice Powder	0.2
Caffeine ²	Caffeine	0.2
Xanthan Gum ³	Xanthan Gum	0.4
BergaCare SB⁴	Butyrospermum Parkii (Shea) Butter	2.0

Phase B

BergaCare FG Olive⁴		2.0
Jojoba Oil ⁵	Simmondsia Chinensis (Jojoba) Seed Oil	2.0
Glyceryl Stearate Citrate ²	Glyceryl Stearate Citrate	1.5

Phase C

GlyAcid® 70 HP⁶	Glycolic Acid (and) Water	1.5
NaOH (25% Solution) ²	Sodium Hydroxide	1.5

Phase D

Preservative/Fragrance	–	q.s.
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Procedure

Phase A: Weigh in Glycerin, add Xanthan Gum under stirring, add water, dermofeel and Aloe Vera, mix further 10 minutes. Add Caffeine subsequently and heat up to 75°C. Weigh in all raw materials from **phase B** under stirring and heat also up to 75°C until homogeneous. Add phase B to A while stirring and homogenize for 30 seconds at 7000 rpm with Ultra Turrax. Cool down to 40°C, add premixed **phase C**. Adjust to pH 4.0 and preserve.

Suppliers

¹ Evonik, ²Diverse, ³CP Kelco ⁴Berg+Schmidt, ⁵Interchimie,

⁶**CrossChem**

Properties

pH: 4.0

Viscosity (24 h): n.n.

FORMULATION PROVIDED BY:

Berg+Schmidt
Care Ingredients

Our knowledge. Your formulations.

For more information, contact berg-schmidt.com

GLYACID® NAIL MASQUE WITH RINSING GEL

Revive ragged cuticles and shabby nails with this light pomade-like masque. **GlyAcid® 70 HP**, a high-purity, formaldehyde-free exfoliant, softens and repairs, while Ethoxcare® OD-20 provides a refreshing rinsing sensation. Leaves nails and cuticles smooth, nourished, and revitalized – a perfect treat for stronger, healthier-looking nails!

Phase A	INCI Name	% (w/w)
DI Water	DI Water	53.60
GlyAcid® 70 HP ^{1,2}	Glycolic Acid	1.60
Sodium Hydroxide	Sodium Hydroxide	q.s.
Glycerin	Glycerin	10.00
Phase B		
Ethoxcare® OD-20 ^{1,3}	Octyldodeceth-20	17.60
Mineral Oil	Mineral Oil	12.00
Ethal® OA-5 ^{1,3}	Oleth-5	4.40
Phase C		
Sharomix™ EG14 ^{1,4}	Ethylhexylglycerin (and) Phenoxyethanol	0.80

Procedure

Phase A: Add DI water to main vessel then neutralize the **GlyAcid® 70 HP** to pH 4.50. With mixing, add remaining Phase A ingredients and begin heating to 80°C to 85°C. **Phase B:** Add Phase B to a side vessel and begin heating to 80°C to 85°C. When both Phase A and Phase B are at 80°C to 85°C, add Phase B to Phase A. Hold at 80°C to 85°C for 5 to 10 minutes, then begin cooling. **Phase C:** At 65°C add Phase C and pour into final container to set up.

Suppliers

¹Coast Southwest, Inc., ²CrossChem, ³Ethox Chemicals and Custom Synthesis, ⁴SharonPersonal Care

Properties

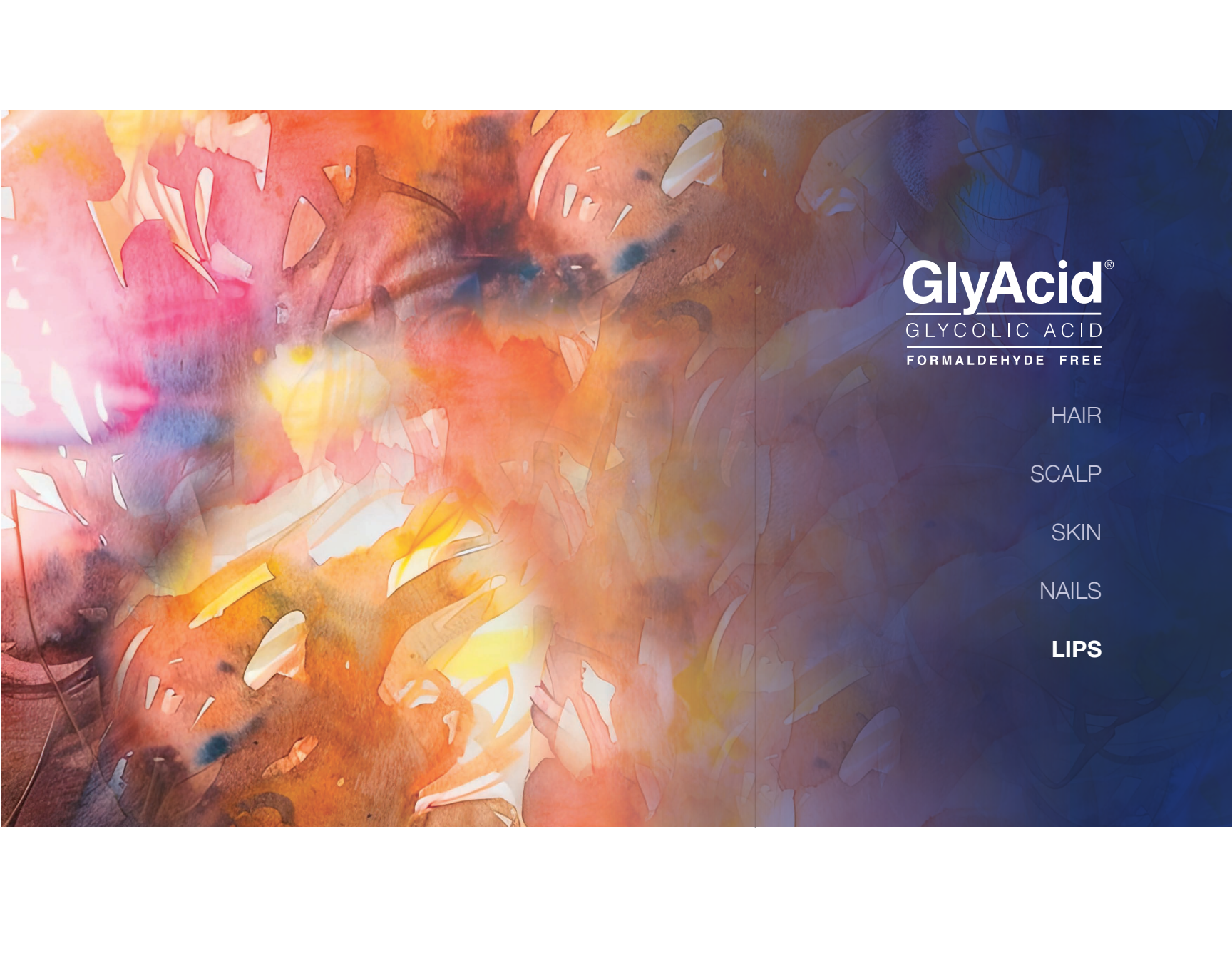
pH: 5.0 – 5.5

Viscosity: n.a.

FORMULATION PROVIDED BY:

CoastSouthwest™

For more information, contact coastsouthwest.com



GlyAcid[®]

GLYCOLIC ACID

FORMALDEHYDE FREE

HAIR

SCALP

SKIN

NAILS

LIPS

GLYACID® LIP MASQUE

Smooth and renew your lips with this gentle exfoliating masque. **GlyAcid®** helps soften and refine while forming a light, even layer that adheres comfortably. With a slight tackiness for lasting wear, it leaves lips hydrated, refreshed, and irresistibly smooth – perfect for a kissable finish!

Phase A	INCI Name	% (w/w)
DI Water	DI Water	81.30
Xanthan Gum	Xanthan Gum	0.90
Endilan™ E-51¹	PEG-75 Lanolin	2.65

Phase B

GlyAcid® 70 HP^{1,2}	Glycolic Acid	5.00
Sodium Hydroxide	Sodium Hydroxide	q.s.

Phase C

Endimate® 33V¹	Caprylic/Capric Triglyceride	4.50
Beeswax	Beeswax	1.75
Alkest® SP83^{1,3}	Sorbitan Sesquioleate	3.00

Phase D

Sharomix 705^{1,4}	Benzoic Acid (and) Sorbic Acid (and) Dehydroacetic Acid (and) Benzyl Alcohol	0.90
Peppermint Essential Oil	Mentha Piperita (Peppermint) Oil	q.s.

Procedure

Phase A: Add DI water to the main vessel. Disperse xanthan gum in the Endilan™ E-51, then add to the main vessel slowly with mixing. **Phase B:** Neutralize the **GlyAcid® 70 HP** to pH 4.50. When Phase A is dispersed and hydrated, add Phase B to Phase A. Begin heating to 70°C. **Phase C:** Weigh Phase C in a side vessel and begin heating to 70°C. When both Phase AB and Phase C are at 70°C, slowly add Phase C to Phase AB. Discontinue heat and begin cooling. **Phase D:** When product is at 40°C, add remaining ingredients.

Suppliers

¹Coast Southwest, Inc., ²CrossChem, ³Oxiteno, ⁴Sharon Personal Care

pH: 4.5 – 5.5

Viscosity: Spindle 4 @ 60 rpm = 2,000 to 3,000 cst.

FORMULATION PROVIDED BY:

CoastSouthwest

For more information, contact coastsouthwest.com

LIPTINT COM GLYACID® 70 HP e PRORENEW COMPLEX CLR™

Realce seus lábios com este lip tint inovador, que combina **GlyAcid® 70 HP** para uma esfoliação suave e ProRenew Complex CLR™ para promover a renovação celular e hidratação. Sua textura leve e confortável proporciona cor duradoura e lábios macios, revitalizados e radiantes.

Phase A	INCI Name	% (w/w)
Água	Water	86,00
Glicerina	Glycerin	5,00
Puricolor® Red Are52	Acid Red 52 Sun Chemical	2,00
Keltrol® Cg Lax-T	Xanthan Gum Cpkelco	0,50
Phase B		
GlyAcid® 70 HP	Glycolic Acid	0,50
Optiphen™ Bsb-W Preservative	Benzyl Alcohol (and) Sodium Benzoate (and) Potassium Sorbate (and) Aqua	1,00
Gransil Vx-409	Bis-Peg-8 Dimethicone Grant	2,00
Prorenew Complex Clr™	Lactococcus Ferment Lysate	3,00

Procedure

1. Em um béquer, pesar 23% da água, adicionar o GlyAcid® 70 HP e corrigir o pH para 4,5. 2. Adicionar o restante da Fase A e homogeneizar bem. Iniciar o aquecimento para mais ou menos 65°C com agitação para abrir a goma. Procedimento 3. Iniciar o resfriamento até temperatura de, aproximadamente, 45°C e adicionar Fase B. Homogeneizar bem.

Suppliers

Sun Chemical, CPKelco, **CrossChem**, Ashland, Grant, CLR

pH: 4.0 – 4.5

Viscosity: Spindle 4 @ 60 rpm = 2,000 to 3,000 cst.

FORMULACIÓN APORTADA POR:



Para más información, contactar con imcdgroup.com



GlySmart®
Smart Release
GLYCOLIC ACID

SKIN

SCALP



GlySmart®
Smart Release
GLYCOLIC ACID

SKIN

SCALP

GENTLE AHA ESSENCE WITH GLYSMART®

Powered by **GlySmart®** smart delivery AHA, this non-ionic thickening agent enhances transparent formulations with low-dose efficiency. Compatible with cationic surfactants and electrolytes, it ensures stability across a wide pH range. Ideal for hydroalcoholic gels, it provides a fluid, smooth feel, enabling pumpable and sprayable transparent gels while stabilizing emulsions.

Phase A	INCI Name	% (w/w)
Water	Aqua	86.10
Tetrasodium GLDA	Tetrasodium	0.10
Propanediol	Propanediol	5.00
Jaguar HP 105	Hydroxypropyl Guar	0.50

Phase B

GlySmart®	Glycolic Acid (and) Arginine	5.00
Feniol	Phenethyl Alcohol (and) Caprylyl Glycol	0.80
Triethanolamine	Triethanolamine	2.50

Procedure

Phase A: Dissolve all ingredients of Phase A one by one, in order, in water. Mix until homogeneous and completely swelled. **Phase**

B: Add Phase B one by one, in order, to the main tank and mix well after each addition until homogeneous

Suppliers

Syensqo, **CrossChem**, Sinerga

pH: 3.5 – 4.5

Viscosity: 1800 – 2200 cps Spindle 04, speed 30 rpm, Brookfield RVDVE

FORMULATION PROVIDED BY:

B BRENNTAG

For more information, contact brenntag.com

THE NEURAL NIRVANA WITH GLYSMART®

Experience a next-generation exfoliation with **GlySmart®**, designed to deliver the power of **GlyAcid®** with enhanced skin comfort. Its amphoteric molecule moderates glycolic acid release, ensuring effective exfoliation while minimizing irritation. Reveal smoother, radiant skin with a formula that refines without discomfort – a true balance of science and skincare!

Phase A	INCI Name	% (w/w)
Deionized Water	Water Aqua	100
Allantoin	Allantoin	0.20
Niacinamide	Niacinamide	3.00
Xanthan Gum FNCS-OC	Xanthan Gum	0.50
PROPANEDIOL	Propanediol	5.00

Phase B

TREALIX®	Trehalose, Hydrolyzed Vegetable Protein	2.00
Saccharide Isomerate	Saccharide Isomerate, Water, Citric Acid, Water, Citric Acid, Sodium Citrate	1.00
GlySmart®	Glycolic Acid, Arginine	5.00

Phase C

BNBG-68	1,2-Hexanediol, Caprylyl Glycol	0.50
669412 Godess	Parfum 0.30	
PEG-40 Hydrogenated Castor oil	Castor oil	0.50

Phase D

NaOH solution (25%)	Water, Sodium Hydroxide	3.50
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Procedure

Phase A: Premix Xanthan Gum FNCS-OC with Propanediol, then add water and mix well. **Phase B:** Add Phase B into Phase A while stirring and mix well. **Phase C:** Premix Phase C, add it into Phase AB, and stir until uniform. **Phase D:** Adjust pH to 4.0 – 4.5.

Suppliers

Jungunzlauer, Sinerga, S. Kushalchand, **CrossChem**, B&B, Symrise

pH: 4.0 – 4.5

Viscosity:

FORMULATION PROVIDED BY:



For more information, contact [brenntag.com](https://www.brenntag.com)

AHA-BHA FACE CLEANSER

Refresh and revitalize acne-prone skin with this dual-exfoliating cleanser. **GlySmart®** gently lifts away dead skin cells, while Endicare® SAL unclogs pores for a clearer, smoother complexion. Designed for effective yet gentle exfoliation, it leaves skin refreshed, balanced, and glowing with health after every wash!

Phase A & Phase B	INCI Name	% (w/w)
Deionized Water	Water)	44.50
Endiquet™ GLDA ¹	Tetrasodium Glutamate Diacetate	0.10
Endinol® MILD SCI-85 ¹	Sodium Cocoyl Isethionate	6.00
Ethoxcare® OCTG ^{1,2}	Glycereth-18 Ethylhexanoate (and) Glycereth-18	4.00
Endicare® SAL1	Salicylic Acid	1.00

Phase C & Phase D

Endinol® KC1	Potassium Cocoate	3.00
Enditeric® C Surfactant ¹	Cocamidopropyl Betaine	14.00
Endamox™ CAW ¹	Cocamidopropylamine Oxide	6.00
Endinol® MILD SCGL-UP ¹	Disodium Cocoyl Glutamate	3.00
Endamide® CIPA Surfactant ¹	Cocamide MIPA	2.00
JD Jojoba Colorless Oil ^{1,3}	Simmondsia Chinensis (Jojoba) Seed Oil	1.00
JD Jojoba Silk-Like Powder ^{1,3}	Tapioca Starch (and) Simmondsia Chinensis (Jojoba) Seed Oil	.50

Phase E & Phase F

Synthalen® W2000 ^{1,4}	Acrylates/Palmeth-25 Acrylate Copolymer	6.00
GlySmart® ^{1,5}	Glycolic Acid (and) Arginine	2.50
KOH, 30%	Potassium Hydroxide	3.00

Phase G & Phase H

Olivatis® 15C ^{1,6}	Olive Oil PEG-8 Esters	.70
Fragrance		q.s.
Activederm RP ^{1,4}	Oryza Sativa (Rice) Starch	2.00
Sharomix™ EG10 Plus ^{1,7}	Phenoxyethanol (and) Ethylhexylglycerin (and) Tocopherol	.70

Procedure

Phase A: Combine in main vessel and heat to 65°C to 70°C.

Phase B: Pre-mix and add to main vessel at temperature. **Phase**

C: Add ingredients in formula order. Continue heating to dissolve salicylic acid. **Phase D:** Pre-mix and add to batch. **Phase E:** Discontinue heat. Add Phase E gradually. Batch will thicken.

Phase F: Pre-mix Phase F by slowly adding KOH 30% solution to **GlySmart®** to reach a pH of ~5.0. **Phase G:** Pre-mix.

Phase G : and add to batch at or below 35°C. **Phase H:** Add Phase H in formula order and mix completely. Cool to room temperature.

Suppliers

¹ Coast Southwest, Inc., ²Ethox Chemicals, LLC., ³Jojoba Desert (A.C.S.) Ltd., ⁴3V Sigma USA, ⁵**CrossChem**, ⁶Medolla Specialty Chemicals, ⁷Sharon Personal Care

Properties

pH: 5.30 – 5.60

Viscosity: Spindle 5 @ 30 rpm (25°C) – 5,100 to 5,700 cP

FORMULATION PROVIDED BY:

CoastSouthwest™

For more information, contact coastsouthwest.com

BACK OFF BODY ACNE SPRAY

Fight back and body acne with this easy-to-use spray. **GlySmart®** gently exfoliates and smooths skin with low irritation, while EndiMoist® Zn-HA controls excess sebum, reduces inflammation, and helps prevent scarring. Leaves skin clear, balanced, and refreshed – for confidence from every angle!

Phase A	INCI Name	% (w/w)
Deionized Water	Water	77.00
GlySmart® ^{1,2}	Glycolic Acid (and) Arginine	5.00
KOH, 30	Potassium Hydroxide	5.85

Phase B

EndiMoist® Zn-HA ¹	Zinc Hydrolyzed Hyaluronate	0.15
EndiMoist® MHA ¹	Hydrolyzed Sodium Hyaluronate	4.00
Endicare® DLP-50 ¹	Panthenol	1.00

Phase C

Ethoxcare® OCTG ^{1,3}	Glycereth-18 Ethylhexanoate (and) Glycereth-18	5.00
Endicare® SAL ¹	Salicylic Acid	0.50

Phase D

HoliSurf LF Biosurfactant ^{1,4}	Glycolipids	1.00
Sharomix™ 706 ^{1,5}	Dehydroacetic Acid (and) Benzoic Acid (and) Benzyl Alcohol	0.50

Procedure

Phase A: Combine Phase A in main vessel with mixing. Adjust pH with KOH solution until the pH reaches 5.0. **Phase B:** Slowly add EndiMoist® Zn-HA and mix for at least 30 minutes until fully incorporated. Add remainder of Phase B in formula order. **Phase C:** Pre-mix Phase C and add to batch. **Phase D:** Add Phase D ingredients and mix completely. Adjust final pH to 5.5 to 6.0.

Suppliers

¹Coast Southwest, Inc., ²CrossChem ³Ethox Chemicals, LLC
⁴Holiferm, ⁵Sharon Personal Care

Properties

pH: 5.5 – 6.0

Viscosity: Spindle 4 @ 60 rpm – 5 to 20 cP

FORMULATION PROVIDED BY:

CoastSouthwest

For more information, contact coastsouthwest.com

BEAMING BEYOND BRIGHTENING SERUM

Achieve a radiant, flawless complexion with this lightweight, smooth-feel serum. Endicare® C-EAA and C-AG deliver potent anti-aging and brightening benefits, while **GlySmart®**s Arginine ionic complex ensures gentle, sustained glycolic acid absorption. Poleryl 10 LA solubilizes preservatives for a crystal-clear formula, leaving skin luminous and refreshed!

Phase A	INCI Name	% (w/w)
Deionized Water	Water	77.50
Disodium EDTA		0.10
Ethoxcare® OCTG ^{1,2}	Glycereth-18 Ethylhexanoate (and) Glycereth-18	5.00
3V Allantoin ^{1,3}	Allantoin	0.50
EndiMoist® HA Solution ¹	Sodium Hyaluronate	8.00

Phase B

GlySmart ^{3,4}	Glycolic Acid (and) Arginine	3.20
KOH, 50%	Potassium Hydroxide	2.70

Phase C

Hydroxyethylcellulose		1.00
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Phase D

Endicare® C-EAA ¹	3-O-Ethyl Ascorbic Acid	0.50
Endicare® C-AG ¹	Ascorbyl Glucoside	0.50

Phase E

Poleryl 10 LA ^{1,5}	Polyglyceryl-10 Laurate	0.50
Sharomix® Amplify AM24 ^{1,6}	Methylpropanediol (and) Caprylyl Glycol (and) Polyquaternium-80 (and) Didecylidimonium Chloride)	0.50

Procedure

Phase A: Combine in main vessel. **Phase B:** Add **GlySmart®** to side vessel and slowly add KOH, adjusting pH to ~5.0. This step will produce heat, so use proper equipment and PPE. If needed, use a lower concentration of KOH and adjust for total water in formula in Phase A. At room temperature and at desired pH, add to Phase A. **Phase C:** Slowly add to batch. Increase mixing speed as needed. **Phase D:** Slowly add to batch and mix until fully dissolved. **Phase E:** Pre-mix and add to batch.

Suppliers

¹Coast Southwest, Inc., ²Ethox Chemicals, LLC., ³3V Sigma USA, ⁴CrossChem, ⁵Medolla Specialty Chemicals, ⁶Sharon Personal Care

Properties

pH: 5.25 – 5.75

Viscosity: Spindle 5 @ 10 rpm – 720 to 750 cPE

FORMULATION PROVIDED BY:

CoastSouthwest™

For more information, contact coastsouthwest.com



GlySmart®
Smart Release
GLYCOLIC ACID

SKIN

SCALP

STRENGTHENING SCALP SERUM

Protect and nourish even the most sensitive scalps with this soothing serum. Ectoin® natural defends against cell damage and inflammation, while **GlySmart®** gently exfoliates dead skin cells without irritation. Galguard Tetra offers a safer alternative to preservatives, leaving the scalp balanced, refreshed, and strengthened for healthier hair growth!

Phase A	INCI Name	% (w/w)
Water	Aqua q.s.	
Ectoin® Natural ¹	Ectoin Bitop	0.50
Glycerine	Glycerin	3.00
Xanthan Gum	Xanthan Gum	0.30
Phase B		
GlySmart® ^{2,3}	Glycolic Acid (and) Arginine	4.00
Sodium Hydroxide 25% solution	Sodium Hydroxide	up to 4.5
Phase C		
Galguard Tetra ⁴	Phenoxyethanol & Benzoic Acid (and) Capryloyl Glycine & Undecylenoyl Glycine	1.50

Procedure

Phase A: Add **GlySmart®** to a beaker and neutralise with Sodium Hydroxide solution to correct pH. **Phase B:** In a separate beaker, add Ectoin® Natural and Glycerine to water and mix until homogenous. **Phase C:** Add Xanthan Gum to water and homogenise. Once Xanthan Gum is fully incorporated and there are no lump, add Phase C. Mix well to combine.

Suppliers

¹bitopAG, ²CrossChem, ³Berg+Schmidt, ⁴Tri-K

Properties

FORMULATION PROVIDED BY:



For more information, contact alfa-chemicals.co.uk



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