

# BioReNuva®

## More Than Just Foam

### Formulary Catalog Fall 2024

#### Glycolipids Highlight:

ReNuva™ SL-A70 & L-70 (Sophorolipids)

ReNuva™ RL-50 (Rhamnolipids)

- Hydrating Serum
- MoistureLock Oil Cleanser
- Hydromoiseure Toner
- Deep Cleansing Liquid
- BioSoothe Cleanse Sebum Control Foam



# Hydrating Serum

## Formula Number: T194-001

Phase	Ingredients	%	Function
A	DI Water	74.10	Volatile Carrier
	Glycerin	3.00	Humectant
	Butylene Glycol	4.00	Conditioning Agent
	Sodium Hyaluronate	5.00	Humectant
B	C10-30 Alkyl Acrylate Crosspolymer	5.00	Thickener
C	Tromethamine	1.60	pH Adjuster
D	DI Water	3.00	Volatile Carrier
	Glycolipids (ReNuva SL-A70)	3.00	Multifunctional Biolipid
	Preservative	0.10	Preservation
E	1,2-Hexanediol	1.20	Conditioning Agent
		100	

#OilControl #MoistureBooster #AntiInflammatory #AntiTightnessToner

Our concentrated hydration formula penetrates dry skin, delivering immediate nourishment that strengthens the skin barrier and soothes irritation. By drawing in moisture, it leaves the skin soft and plump while creating a moisture barrier to prevent dryness.

ReNuva SL-A70, a water-soluble lipid, acts as a highly effective emollient. It enhances the skin's natural ability to absorb moisture by wetting the lipids, allowing the lightweight, water-based serum to absorb quickly without leaving any stickiness. It instantly hydrates the skin while also inhibiting the enzyme responsible for elastin breakdown, promoting firmer, more elastic skin.

### Procedure

1. Weigh phase A in a beaker and dissolve
2. Add B and C sequentially to phase A and mix.
3. Weigh phase D in a separate beaker, heat to 45-50 degrees, and dissolve until transparent.
4. Add the prepared phase D to the main beaker (A+B+C) and dissolve.
5. After cooling, add phase E (possible to play a degassing role). Work completed after water correction.

# MoistureLock Oil Cleanser

## Formula Number: T194-002

Phase	Ingredients	%	Function
A	Helianthus Annuus (Sunflower) Oil	46.00	Emollient
	Simmondsia Chinensis (Jojoba) Oil	5.00	Emollient
	Cetrimonium Chloride	1.50	Conditioning Agent
	Polysorbate 80	7.00	Emollient
B	Glycolipids (ReNuva SL-A70)	6.00	Multifunctional Biolipid
	Cocamidopropyl Betaine	18.00	Primary Foamer
	DI Water	13.90	Volatile Carrier
	Glycerin	2.00	Humectant
C	Preservative	0.60	Preservation
100			

### Procedure

1. Heat premixed phases A and B up to 60°C. Both phases have to be and well mixed.
2. Blend phase A into phase B (oil into water) in one portion and homogenize for 30 sec with a kitchen blender (with Ultra Turrax 10.000 rpm).
3. Add preservative (Phase C) and perfume below 45°C.

**#SulfateFreeCleansing #BarrierProtection #GlowWithGlycolipids #SoftSkinSolution**

A sulfate-free, high-performance cleansing cream that harnesses the power of 50% natural oils to provide a rich, moisturizing cleanse with an unexpected foaming boost. Infused with ReNuva SL-A70 (Sophorolipids) and Jojoba Oil, it effortlessly lifts away impurities while protecting the skin's natural barrier.

This luxurious formula leaves skin feeling clean, hydrated, and perfectly balanced, making it ideal for daily use, even on sensitive skin.

# Hydromoisure Toner

Formula Number: T194-003

Phase	Ingredients	%	Function
A	DI Water	87.60	Volatile Carrier
	Glycerin	1.00	Humectant
	Hyaluronic Acid (1%)	2.00	Hydration
B	Butylene Glycol	3.20	Conditioning Agent
	DI Water	3.00	Volatile Carrier
	Glycolipids (ReNuva SL-A70)	3.00	Multifunctional Biolipid
	Phenoxyethanol	0.10	Preservative
		100	

### Procedure

1. Dissolve the Hyaluronic Acid Powder (1%)
2. Weigh and prepare Phase B
3. While heating, slowly pour Phase A into Phase B with a dropper to disperse (minimizes air bubbles)
4. Cool to room temperature (30 degrees)

#OilControl #MoistureBooster #AntiInflammatory #AntiTightnessToner

This concentrated moisture formula absorbs into dry skin, delivering instant nourishment, strengthening the skin barrier, and soothing the skin. It helps draw moisture into the skin, leaving it hydrated and firm, while creating a rich moisture barrier to prevent dryness.

ReNuva SL-A70, a water-soluble emollient, ensures that the toner is quickly absorbed, providing immediate hydration without any stickiness, leaving the skin feeling soft and moisturized

# Deep Cleansing Liquid

Formula Number: T194-004

Phase	Ingredients	%	Function
A	DI Water	90.60	Volatile Carrier
	Butylene Glycol	5.00	Conditioning Agent
	Propylene Glycol	1.20	Conditioning Agent
	Caprylyl Glycol	0.20	Conditioning Agent
B	Glycolipids (ReNuva SL-A70)	1.00	Multifunctional Biolipid
	Glycolipids (ReNuva SL-L70)	2.00	Multifunctional Biolipid
		100	

**Procedure**

- 1. Heat Phase A and mix
- 2. Slowly introduce Phase B into Phase A to dissolve.

#GentleonSkin #SoftCleansing #MoisturizingWithoutTightness

This hydrating water-based cleanser effortlessly removes makeup and impurities in a single step, eliminating the need for a complicated cleansing routine. It provides a thorough yet gentle cleanse, leaving the skin feeling fresh and moisturized without any tightness. Even after washing, your skin retains moisture, ensuring long-lasting hydration and a comfortable, refreshed feeling.

Formulated with skin-friendly water-soluble lipid glycolipids, this cleanser helps support the lipids and natural moisturizing factors (NMF) in your skin's outer layer, helping to maintain moisture and prevent any post-wash dryness.

# BioSoothe Cleanse Sebum Control Foam

Formula Number: T194-005

Phase	Ingredients	%	Function	Procedure
A	DI Water	76.90	Volatile Carrier	1. Add all ingredients in the given order with moderate stirring.
	Glycolipids (ReNuva™ RL-50)	2.00	High Foaming Biolipid	
	Cocamidopropyl Betaine	11.00	Primary Foamer	
	Polysorbate 80	0.50	Emulsifier	
	Glycolipids (ReNuva™ SL-A70)	6.00	Multifunctional Biolipid	
	Glyceryl Glucoside	0.20	Skin Barrier Function	
	Butylene Glycol	.00	Humectant	
	Preservative	0.40	Preservation	
		100		

#BalancedHydration #OilFreeGlow #SoothingSkinCare #AntiRednessRelief

BioSooth Cleanse Sebum Control Foam is a gentle, nature-powered cleanser designed to effectively manage excess sebum while maintaining the skin’s natural balance. Featuring ReNuva SL-A70 (Sophorolipids) and ReNuva RL-50 (Rhamnolipids), cutting-edge biosurfactants derived from renewable sources, this formulation provides deep yet gentle cleansing that is suitable even for sensitive skin.

The combination of biosurfactants with hydrating and soothing ingredients, like Glyceryl Glucoside and Butylene Glycol, ensures a fresh, clean feeling without stripping away moisture.

# BioReNuva

**BioReNuva was founded with the mission to deliver better performing ingredients utilizing biotechnology.**

**We're performance first and our dedication to application and product data proves that. Additionally, our product are milder to the skin, improve formulation flexibility and sustainability.**

**Reach out to us about how to introduce Biotechnology to your formula.**

**Contact Us: [info@biorenuva.com](mailto:info@biorenuva.com)**



BioReNuva Team



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