

# Barentz.

Our Skin Renewal Serum is designed to improve the skin's natural ability to self-defend overnight and strengthen its barrier. Featuring Retinal O5, a blend of the most potent form of Vitamin A and a natural alternative to retinol and a powerful antioxidant and BHT alternative. Ki'Leaft, a 100% natural antioxidant active shown to provide an immediate tightening effect while improving the skin's barrier. PolyAquil LW, a Palm Free, COSMOS approved emulsifier designed for low viscosity emulsions and leaves a conditioned and soft feel on the skin.

## **Skin Renewal Serum**



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Formula # PC-56

## Method

1. Add water to main vessel (25 - 30°C preferable) and start mixer with gentle agitation
2. Slowly add Hyaluronic acid and mix until homogenous
3. Slowly add Flocare SK 403 and mix until homogenous
4. Add remaining Phase 1 ingredients
5. Carefully add all Phase 2 ingredients to a side vessel and mix until homogenous
6. Once Phase 2 ingredients are prepared, add Phase 2 to the main vessel and mix until homogenous
7. Slowly add Phase 3 ingredients individually and mix until homogenous
8. Homogenize batch for a few minutes (batch size pending)
9. QC Batch

**Appearance:** Off-white viscous liquid

**Odor:** Kaduka Plum

**Viscosity:** 1,500-2,500 cps

**pH:** 4.5-5.5

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Supplier	Description	INCI	w/w%	Phase	Product Information
	Purified Water	Water	82.6	1	Solvent
Skin Actives Scientific	Hyaluronic Acid	Hyaluronic Acid	0.2	1	Humectant
SNF	Flocare SK 403	Ammonium Acryloyldimethyltaurate/VP Copolymer	0.5	1	A cold process rheology modifier that adds a gel-like texture
Ingredient	Glystar A31	Sorbitol and Glycerin	3	1	Humectant
Innovacos	PolyAqual LW	Polyglyceryl-4 Laurate (and) Polyglyceryl-6 Laurate	4	2	A COSMOS approved emulsifier perfect for low viscosity emulsion systems
Oxiten	Oxismooth CP	Isoamyl Capryl Caprylate	2	2	A COSMOS approved ester that provides an excellent dry skin feel
Oxiten	Oxismooth CO	Isoamyl Cocoate	1	2	All natural silicone alternative & emollient that provides excellent moisturization & sensorial benefits
Elkem	Puersil ORG 03	C13-15 Alkane (and) Dimethicone/ Vinyl Dimethicone Crosspolymer	1.5	2	A high natural content silicone blend that maintains skin moisturization, adds shine and glow to hair and skin, and provides softness and curl definition to hair
Lincoln	Hydroguard H-20	Propandiol and Hydroxyacetophenone	2	3	A multifunctional ingredient that guards against biodegradation and spoilage
Berkem	Ki'Leaft	Glycerin (and) Water (and) Actinidia chinensis leaf extract	2	3	A natural antioxidant active that provides and immediate tightening effect, while improving skin barrier function
Adeka	Retinal O5	Glycerin (and) Retinal (and) Xanthophylls	1	3	This unique COSMOS approved bioactive protects against blue light while fighting aging. It boosts cell protection and hydration of the skin.
Flavor and Fragrance Specialties	Kaduka Plum	Fragrance	0.2	3	Sweet Aroma
			100		