

You are losing collagen as you read this.

Here is what you can actually do about it.

Not a cream that claims to put collagen back. A jelly mask that hands your skin the raw material it builds collagen from — with a measured result in ten minutes, and a reason to use it every day.

The loss starts earlier than most people think

Skin collagen peaks somewhere between 25 and 34. From early adulthood it falls by roughly **1 to 1.5% a year** — about a quarter of your total gone across four decades. For women after menopause the curve steepens sharply: around **2.1% of skin collagen a year** through the first fifteen to eighteen years, alongside a similar loss of skin thickness.

On top of that steady decline sits everything that accelerates it. Ultraviolet exposure activates matrix metalloproteinases — enzymes that break existing collagen down — so sun does not simply age skin, it actively dismantles the scaffold. Add the everyday water loss from heat, wind, sweat, air conditioning and long-haul travel, and skin looks flatter and more lined well before the structural loss alone would explain it.

1–1.5%

Collagen lost
per year
from early adulthood

~25%

Gone across
four decades
peak content ages 25–34

2.1%

Per year after
menopause
first 15–18 years

Reilly & Lozano, *Plastic and Aesthetic Research* 2021;8:2 — review of skin collagen change with age and menopause.

None of that is reversible with a richer cream. The question is not how to stop the loss — it is **what you hand your skin to rebuild with**, and how often.

First, the uncomfortable arithmetic

A collagen molecule weighs about **300,000 daltons**. Your skin barrier admits molecules of roughly **500**. The numbers are not close, and no delivery system closes a gap that size. **Nothing you smooth onto your face puts collagen into your skin.** A cream with collagen in it sits on the surface, holds a little water, and washes off.

So what can a topical product honestly do? Two things. It can hand the skin the specific building blocks collagen is made from. And it can signal the cell that makes collagen to get on with it. Collagen Quench does both — and does the first fast.

An Icelandic microalga — and the part that used to be thrown away

Haematococcus pluvialis is grown in Iceland on glacial water and geothermal energy, for one reason: astaxanthin. Once the oil is pressed out, what remains has historically been discarded. **ALGAKTIV® Collage™** is made from **exactly that leftover** — upcycled, zero-waste and vegan.

What it delivers is the point. Collagen is a protein with a repeating backbone, and the great majority of that backbone is three amino acids: **glycine, proline and hydroxyproline**. Collage™ supplies those three directly, at a molecular size skin can absorb — the bricks, rather than the finished wall. Alongside them sits **spermidine**, a molecule associated with fibroblast activity: the signal that tells the cell to start building.

Collagen Quench carries Collage™ at 3% — the top of the supplier's tested range, and the exact concentration used in the clinical study below. The figures on this leaflet are not ingredient data scaled up to a finished product. They are this formula's own numbers.

What happened in ten minutes

Thirty women aged 40 to 60. One side of the face treated, the other given a placebo. Measured by instrument at 10 minutes, 30 minutes, 1 hour and 24 hours. Every figure below beat the placebo side, at every timepoint.

+24.9%

Skin hydration

Corneometer®

+35.6%

Moisture spread

across the surface

+31.4%

Skin radiance

light reflected

−13.7%

Crow's-feet

wrinkle depth

And it holds. At 24 hours — a full day after a single application — hydration was still +13.3%, radiance +20.8% and wrinkle depth −7.6%.

CompLife Italia S.r.l. (ISO 9001 accredited), controlled in-vivo study of ALGAKTIV® Collage™ 3% vs. placebo, single application, contralateral face-half, 30 healthy female subjects aged 40–60. Instrumental measurement. All figures statistically significant vs. baseline and placebo. Report issued 10/07/2024.

Used daily, it keeps going

In a separate 28-day study, Collage™ was applied twice daily against a comparator cream that **already contained glycerin** — a far harder test than measuring against plain water. It still delivered **firmness +11.9%, elasticity +8.1%, wrinkle depth −6.4%** and **redness −10.8%** at day 28. Beating glycerin is the result worth quoting.

CompLife Italia S.r.l., controlled in-vivo study, ALGAKTIV® Collage™ at 1% in a face cream, 30 subjects aged 40–60, twice daily vs. placebo cream, 28 days. Report rev. 01, 19/09/2023. This is ingredient-level data at a lower concentration in a different base — reported here as evidence for the active, not as the mask's own result.

Upcycled, zero-waste

Made from the astaxanthin press residue that was previously discarded — a by-product stream turned into the active.

100% vegan

Collagen amino acids from microalgae, not from hide, bone or fish. No animal-derived material anywhere in the formula.

Eight ingredients

No fragrance, no essential oils, no acids, no retinoid. Nothing in the jar that is not doing a job.

One jar, three jobs

Most treatment masks are a weekly indulgence. This one earns its place three different ways — and the third is the one that changes your skin.

01 • AFTER TRAINING

A recovery drink for your skin

You rehydrate after a long run without thinking about it. Your skin has been through the same session — sweat, wind, sun, salt and evaporative water loss — and gets nothing. Skin that trains hard outdoors runs a permanent hydration deficit, and that deficit is what makes fine lines and dullness show up years earlier than they should.

Apply straight after your shower, while you stretch or eat. Ten minutes is a full treatment. It replaces the water, and it delivers the amino acids into skin that has just spent hours being degraded by UV. **Rehydrate your legs and your face.**

02 • BEFORE AN EVENT

The ten-minute reset

A wedding, a shoot, a big meeting, or any morning your skin looks tired and flat. This is the fastest-acting product in the Vitant range, and the only one with a measured result inside the time it takes to make coffee: plumper, brighter, visibly softer lines at ten minutes.

Apply, leave it on, do your hair. Then makeup straight over the top — there is nothing to rinse off. The night before matters too: left on overnight it works on firmness as well as surface hydration.

03 • EVERY DAY

Daily collagen replenishment

This is the reason the jar is 50 ml and not a sachet. Your skin rebuilds collagen continuously, and it can only build from the material available to it. A once-a-week mask is a nice evening. A daily supply of glycine, proline and hydroxyproline is a different proposition entirely.

Used daily, Collagen Quench keeps handing your skin the raw material and the renewal signal, on the same schedule as the loss it is working against — because the collagen decline on page one does not take days off. **The ten-minute result is what you see.**

The daily habit is what it adds up to.

How to use it

- 1 Cleanse, then serum.** Collagen Quench goes on after your serums, in place of — or underneath — your moisturiser.
- 2 A thin layer is enough.** It is a light aqueous jelly, not a heavy occlusive mask. It should disappear into the skin, not sit on it.
- 3 Leave it on. Do not rinse.** Minimum ten minutes for the measured result, or overnight for the structural benefit. There is no wash-off step and no timer to watch.
- 4 Daily, morning or night** — that is where the long-term benefit comes from. Two to three times a week is the minimum worth doing.

Every skin type

No acids, no retinoid, no fragrance, no essential oils. A light aqueous jelly — comfortable on oily skin and on sensitive skin, and safe alongside everything else in the range. It layers under sunscreen in the morning and under nothing at all at night.

Particularly if you

- + train or race outdoors
- + are past 40, or through menopause
- + fly often, or work in air conditioning
- + want a visible result before an event
- + already use a retinoid and need hydration that will not fight it

Better together: the substrate and the signal

PRODUCT	WHEN	WHAT IT DOES
Collagen Quench leave-on jelly mask	Daily, or overnight 2-3× a week	The material. Collage™ at 3% — hydration, radiance and softer lines in ten minutes, and a daily supply of the amino acids collagen is built from.
Wrinkle Relaxant serum	Every morning and night	The instruction. Vegan exosomes carrying regenerative signals into the dermal layer — and getting substantially more of the payload there than a liposome.

Both contain Collage™. The serum tells the cell what to do; the mask floods the skin with the material that instruction calls for. **There is no point telling a cell to build if you have not handed it the bricks.**

What is in it

Eight ingredients. Nothing to pad the list.

INCI	WHY IT IS THERE
Aqua (Water)	The base of the jelly
Glycerin	Humectant — draws and holds water in the upper layers
Polyacrylate Crosspolymer-6	Forms the jelly, and carries the active without an oil phase
Collagen Amino Acids	ALGAKTIV® Collage™ — glycine, proline, hydroxyproline
Propanediol	Carrier for the active
Haematococcus Pluvialis Extract	The upcycled Icelandic microalga, with spermidine
Phenoxyethanol, Ethylhexylglycerin	Preservative system
Disodium EDTA	Stabiliser

100% vegan • fragrance-free • NATRUE-approved • made in South Africa. 50 ml | 1.69 fl. oz. External use only; avoid the eye area.

The take-home

You cannot put collagen into skin. You can hand skin what it builds collagen from — see it in ten minutes, and keep supplying it every day.

Collagen Quench • 50 ml leave-on jelly mask • [vitant.co.za](#) • joan@vitant.co.za • Gracie Health (Pty) Ltd, George, South Africa