ASHLEY BLACK SKINCARE · OPERATIONS

Make it ourselves

Which products in the Ashley Black skincare line we blend in-house, which we buy premade — and exactly how to make each one.

8
products in the line

3
we already make

4
new ones we'll blend — 47% less than buying them

1
we'll buy premade

All 8 can be offered online.

02 · HOW WE DECIDED

Three steps for every new product

1

Two options

For each new product, the research shortlisted **two supplier formulas** — Option A and Option B. ★ **Option A** is the better fit for the product; B is the runner-up.

2

Two ways to get it

Buy it premade from that supplier, or **blend it ourselves**: a matching base + our own Wholesale Botanics oils + a few bought-in actives.

3

Cheaper way wins

If blending costs less, we blend. If it costs more, we buy premade. Each new product gets a **decision page**, then a **recipe page**.

Reading the numbers

PREMADE	BLENDED BY US	DIFFERENCE
$6.76 per unit	$2.50 per unit	63% less cheaper to blend

- **Premade** — what the supplier charges for the finished formula, per filled unit.
- **Blended by us** — base + our oils + bought-in actives + mixing labor, per filled unit.
- **Difference** — green = cheaper to blend; red = cheaper to buy premade.
- Packaging and filling cost the same either way, so they are left out.

All eight products, one decision each

Tap a product to jump to its page. Costs are per filled unit.

Collagen Elixir

face oil · 60 mL

WE MAKE IT NOW

Our own formula — no change

p.14 →

Peptide Potion

serum · 60 mL

WE MAKE IT NOW

Our own formula — no change

p.14 →

Arctic Alchemy

cooling gel · 60 mL

WE MAKE IT NOW

Our own formula — no change

p.14 →

Body Smoothing

new · 200 mL

WE BLEND IT

★ RainShadow Labs — Body Perfecting Lotion

Premade **$6.76**
Blended **$2.50**
63% less

p.04 →

Neck + Chest Smoothing

new · 50 mL

WE BLEND IT

★ Pravada Beauty Labs — Ultra Face & Neck Firming Cream

Premade **$3.69**
Blended **$1.72**
53% less

p.06 →

Night Treatment

new · 30 mL

WE BUY IT PREMADE

★ Envii Labs — Age Defying & Hydrating Face Cream

Premade **$1.27**
Blended **$1.35**
6% more

p.08 →

Eye Smoothing

new · 15 mL

WE BLEND IT

★ Wholesale Natural Body Care — Peptide Eye Gel

Premade **$0.74**
Blended **$0.70**
5% less

p.10 →

Daily Plumping Moisturizer

new · 50 mL

WE BLEND IT

★ Pravada Beauty Labs — Niacinamide & HA Water Cream

Premade **$2.25**
Blended **$0.65**
71% less

p.12 →

BODY SMOOTHING · 200 ML Step 1 of 2 — which formula

04 · NEW PRODUCT

Body Smoothing: which formula, and do we blend it?

OPTION A ★ OUR PICK

Body Perfecting Lotion

by RainShadow Labs

Smoothing lotion for rough, dry body skin: niacinamide, rosehip, tamanu, shea.

PREMADE	BLENDED BY US	DIFFERENCE
$6.76	$2.50	63% less
per 200 mL	per 200 mL	cheaper to blend

Why we picked it: Best fit for smoothing rough, crepey body texture.

OPTION B RUNNER-UP

Aqua Drench Body Cream with Collagen

by Pravada Beauty Labs

Hydrating body cream with marine collagen and seaweed.

PREMADE	BLENDED BY US	DIFFERENCE
$3.28	$2.54	22% less
per 200 mL	per 200 mL	cheaper to blend

Why it isn’t the pick: Hydrates but doesn’t target texture, and it isn’t vegan (marine collagen). Saves less, too.

DECISION **Blend Option A ourselves.** WE BLEND IT

05 · RECIPE

How to make Body Smoothing

Copying ★ Option A: RainShadow Labs — Body Perfecting Lotion

PREMADE	BLENDED BY US	DIFFERENCE
$6.76 per 200 mL	$2.50 per 200 mL	63% less cheaper to blend

Per 5-gal batch (95 units): $640 premade · $237 blended

1 What to buy

BASE **All Purpose Lotion**
RainShadow Labs · 5 gal $167.50 · $8.85/L
Order **5 gal** per batch

BOUGHT-IN ACTIVES	PER BATCH
BUY **Niacinamide** — MakingCosmetics · Niacinamide USP · 5 kg $224.80	398 g
BUY **MSM powder** — BulkSupplements · MSM powder · 1 kg $27.97 (supplement grade)	199 g

2 Pull from our shelf

Wholesale Botanics

- ✓ Rosehip Oil — 199 g
- ✓ Tamanu Oil — 199 g

3 Recipe

Start with one 5-gal pail of base (≈ 18.9 kg); finished batch ≈ 19.9 kg

INGREDIENT	%	PER 1 KG OF BASE	PER 5-GAL PAIL OF BASE
BASE **All Purpose Lotion**	**95.0%**	**1,000 g**	**18.93 kg**
BUY Niacinamide	2.00%	21 g	398 g
OURS Rosehip Oil	1.00%	11 g	199 g
OURS Tamanu Oil	1.00%	11 g	199 g
BUY MSM powder	1.00%	11 g	199 g

≠ How ours differs from theirs

Rosehip and tamanu from our shelf (the base already has vitamin E and panthenol); niacinamide and MSM are cheap powders. Glycolic acid and trace extracts dropped.

Left out (11): Undaria Pinnatifida Cell Culture, Leuconostoc/Radish Root Ferment Filtrate, Haematococcus Pluvialis, Glycolic Acid, Glycyrrhiza Glabra and 6 more — trace extracts and boosters.

4 How to mix

1. **Clean & set up.** Sanitize the mixing vessel, overhead mixer / stick blender, spatulas and beakers with 70% isopropyl alcohol. Gloves on.
2. **Weigh the base.** Weigh the base into the mixing vessel (5 gal of base ≈ 18.9 kg — weigh it, don't trust the pail line).
3. **Oil pre-mix.** Weigh our oils together in a beaker. Pour slowly into the base while mixing on low for 3–5 minutes.
4. **Powders.** Dissolve the niacinamide and MSM powder in warm (40 °C) distilled water — about twice their weight — then stir it in.
5. **Check & rest.** Mix until uniform and scrape the sides. Compare with the supplier sample (colour, smell, thickness), check pH is 5.0–6.5. Rest 24 h, re-check for separation, keep a 2 oz retain sample, label with batch # and date, then fill.

NECK + CHEST SMOOTHING · 50 ML Step 1 of 2 — which formula

06 · NEW PRODUCT

Neck + Chest Smoothing: which formula, and do we blend it?

OPTION A ★ OUR PICK

Ultra Face & Neck Firming Cream

by Pravada Beauty Labs

Firming cream for neck and chest: two peptides, hyaluronic acid, squalane.

PREMADE	BLENDED BY US	DIFFERENCE
$3.69 per 50 mL	$1.72 per 50 mL	53% less cheaper to blend

Why we picked it: The most targeted formula for the neck and chest.

OPTION B RUNNER-UP

Face/Neck Firming Lotion

by RainShadow Labs

Richer, oil-heavy firming lotion.

PREMADE	BLENDED BY US	DIFFERENCE
$1.13 per 50 mL	$1.70 per 50 mL	50% more cheaper to buy premade

Why it isn’t the pick: Not vegan (beeswax, royal jelly), and blending it costs more than buying it.

DECISION **Blend Option A ourselves.** WE BLEND IT

NECK + CHEST SMOOTHING · 50 ML Step 2 of 2 — how to make it

07 · RECIPE

How to make Neck + Chest Smoothing

Copying ★ Option A: Pravada Beauty Labs — Ultra Face & Neck Firming Cream

PREMADE	BLENDED BY US	DIFFERENCE
$3.69 per 50 mL	$1.72 per 50 mL	53% less cheaper to blend

Per 5-gal batch (379 units): $1,395 premade · $649 blended

1 What to buy

BASE **All Purpose Lotion**
RainShadow Labs · 5 gal $167.50 · $8.85/L
Order **5 gal** per batch

BOUGHT-IN ACTIVES	PER BATCH
BUY **Hyaluronic acid powder** MakingCosmetics · Hyaluronic Acid (HMW) · 1 kg $498	41 g
BUY **Matrixyl 3000-type peptide** Lotioncrafter · LCPeptide 3000 (PT-1 + PT-7) · 480 g $320.25	610 g
BUY **Allantoin** MakingCosmetics · Allantoin · 1 kg $63.90	41 g
BUY **Licorice root extract** Formulator Sample Shop · Licorice Root Extract PF · 1 kg $56.25	102 g
BUY **Vegetable glycerin** Lotioncrafter · 10 lb $42.55 · for the glycerin slurry (step on the right)	203 g

2 Pull from our shelf

Wholesale Botanics

✓ Squalane (olive)	407 g
✓ Evening Primrose Oil	203 g

3 Recipe

Start with one 5-gal pail of base (≈ 18.9 kg); finished batch ≈ 20.3 kg

INGREDIENT	%	PER 1 KG OF BASE	PER 5-GAL PAIL OF BASE
BASE **All Purpose Lotion**	**93.1%**	**1,000 g**	**18.93 kg**
BUY Matrixyl 3000-type peptide	3.00%	32 g	610 g
OURS Squalane (olive)	2.00%	21 g	407 g
OURS Evening Primrose Oil	1.00%	11 g	203 g
BUY Licorice root extract	0.50%	5.4 g	102 g
BUY Hyaluronic acid powder	0.20%	2.1 g	41 g
BUY Allantoin	0.20%	2.1 g	41 g

≠ How ours differs from theirs

Squalane and evening primrose from our shelf; the firming story is two peptides + HA (bought in). Fruit acids, pullulan and algae extracts dropped.

Left out (9): Saccharum Officinarum, Citrus Aurantium Dulcis, Acer Saccharum, Nannochloropsis Oculata, Equisetum Arvense and 4 more — trace extracts and boosters.

4 How to mix

1. **Clean & set up.** Sanitize the mixing vessel, overhead mixer / stick blender, spatulas and beakers with 70% isopropyl alcohol. Gloves on.
2. **Weigh the base.** Weigh the base into the mixing vessel (5 gal of base ≈ 18.9 kg — weigh it, don't trust the pail line).
3. **Oil pre-mix.** Weigh our oils together in a beaker. Pour slowly into the base while mixing on low for 3–5 minutes.
4. **Powders.** Sprinkle the allantoin in slowly while mixing (it disperses; it does not need to dissolve).
5. **Hyaluronic acid.** Stir the hyaluronic acid powder into 5× its weight of vegetable glycerin to make a smooth slurry, add to the batch, mix, rest 1 hour and mix again.
6. **Liquid actives last.** At room temperature (below 40 °C) add the licorice root extract and Matrixyl 3000-type peptide. Mix gently 3–5 minutes — no heat, no hard whipping.
7. **Check & rest.** Mix until uniform and scrape the sides. Compare with the supplier sample (colour, smell, thickness). Rest 24 h, re-check for separation, keep a 2 oz retain sample, label with batch # and date, then fill.

NIGHT TREATMENT · 30 ML Step 1 of 2 — which formula

08 · NEW PRODUCT

Night Treatment: which formula, and do we blend it?

OPTION A ★ OUR PICK

Age Defying & Hydrating Face Cream

by Envii Labs

Overnight cream with bakuchiol (a plant alternative to retinol) and hyaluronic acid.

PREMADE	BLENDED BY US	DIFFERENCE
$1.27 per 30 mL	$1.35 per 30 mL	6% more cheaper to buy premade

Why we picked it: Best fit for an overnight fine-line cream.

OPTION B RUNNER-UP

ExoRenew Cream

by Pravada Beauty Labs

Premium night cream with bakuchiol and resveratrol.

PREMADE	BLENDED BY US	DIFFERENCE
$2.62 per 30 mL	$0.60 per 30 mL	77% less cheaper to blend

Why it isn’t the pick: Not the first pick on formula fit — but it is the cheapest to blend.

DECISION **Buy Option A premade from Envii — blending it costs more.**

WE BUY IT PREMADE

Your call: blending Option B costs **$0.60** a jar — less than buying either one premade (A $1.27, B $2.62). Switch to B if its feel is right; its recipe is on the next page.

09 · RECIPE

How to make Night Treatment

Copying Option B: Pravada Beauty Labs — ExoRenew Cream

Only needed if we switch Night to Option B — the current decision is to buy Option A premade.

PREMADE	BLENDED BY US	DIFFERENCE
$2.62 per 30 mL	$0.60 per 30 mL	77% less cheaper to blend

Per 5-gal batch (631 units): $1,650 premade · $377 blended

1 What to buy

BASE **All Purpose Lotion**
RainShadow Labs · 5 gal $167.50 · $8.85/L
Order **5 gal** per batch

BOUGHT-IN ACTIVES	PER BATCH
BUY **Bakuchiol (99% pure)** — Formulator Sample Shop · Bakuchiol 99% · 1 kg $1,300	97 g
BUY **Allantoin** — MakingCosmetics · Allantoin · 1 kg $63.90	39 g
BUY **Resveratrol** — Lotioncrafter · Resveratrol Pure · 1 kg $999.95	39 g
BUY **Vegetable glycerin** — Lotioncrafter · 10 lb $42.55 · for the glycerin slurry (step on the right)	194 g

2 Pull from our shelf

Wholesale Botanics

- ✓ Argan Oil — 194 g
- ✓ Chia Seed Oil — 97 g

3 Recipe

Start with one 5-gal pail of base (≈ 18.9 kg); finished batch ≈ 19.4 kg

INGREDIENT	%	PER 1 KG OF BASE	PER 5-GAL PAIL OF BASE
BASE **All Purpose Lotion**	**97.6%**	**1,000 g**	**18.93 kg**
OURS Argan Oil	1.00%	10 g	194 g
BUY Bakuchiol (99% pure)	0.50%	5.1 g	97 g
OURS Chia Seed Oil	0.50%	5.1 g	97 g
BUY Allantoin	0.20%	2.0 g	39 g
BUY Resveratrol	0.20%	2.0 g	39 g

≠ How ours differs from theirs

Jojoba and argan from our shelf; bakuchiol (disclosed 0.5%) and resveratrol bought in; "exosomes", apple extract and phospholipids dropped.

Left out (5): Pyrus Malus, Phospholipids, Momordica Charantia Fruit, Centella Asiatica, Leuconostoc/Radish Root Ferment Lysate Filtrate — trace extracts and boosters.

4 How to mix

1. **Clean & set up.** Sanitize the mixing vessel, overhead mixer / stick blender, spatulas and beakers with 70% isopropyl alcohol. Gloves on.
2. **Weigh the base.** Weigh the base into the mixing vessel (5 gal of base ≈ 18.9 kg — weigh it, don't trust the pail line).
3. **Oil pre-mix.** Weigh our oils and bakuchiol together in a beaker. Warm to 40–45 °C and stir until clear. Pour slowly into the base while mixing on low for 3–5 minutes.
4. **Powders.** Sprinkle the allantoin in slowly while mixing (it disperses; it does not need to dissolve).
5. **Resveratrol.** Stir the resveratrol into 5× its weight of vegetable glycerin to make a smooth slurry, add to the batch, mix, rest 1 hour and mix again.
6. **Check & rest.** Mix until uniform and scrape the sides. Compare with the supplier sample (colour, smell, thickness). Rest 24 h, re-check for separation, keep a 2 oz retain sample, label with batch # and date, then fill.

EYE SMOOTHING · 15 ML Step 1 of 2 — which formula

10 · NEW PRODUCT

Eye Smoothing: which formula, and do we blend it?

OPTION A ★ OUR PICK

Peptide Eye Gel

by Wholesale Natural Body Care

Light eye gel: peptide, hyaluronic acid, cucumber, with castor, jojoba and avocado oils.

PREMADE	BLENDED BY US	DIFFERENCE
$0.74 per 15 mL	$0.70 per 15 mL	5% less cheaper to blend

Why we picked it: Best fit for dry fine lines under the eyes.

OPTION B RUNNER-UP

ExoSmooth Eye Cream

by Pravada Beauty Labs

Premium eye cream with 1% bakuchiol and plant peptides.

PREMADE	BLENDED BY US	DIFFERENCE
$1.58 per 15 mL	— no matching base	can’t blend

Why it isn’t the pick: Twice the price to buy, and we can’t make it — no base anywhere matches it.

DECISION **Blend Option A — the saving is small, so buying premade is fine too.** WE BLEND IT

11 · RECIPE

How to make Eye Smoothing

Copying ★ Option A: Wholesale Natural Body Care — Peptide Eye Gel

PREMADE	BLENDED BY US	DIFFERENCE
$0.74 per 15 mL	$0.70 per 15 mL	5% less cheaper to blend

Per 5-gal batch (1,262 units): $935 premade · $889 blended

1 What to buy

BASE **Aloe Vera Gel**
Organic Creations · 5 Gal - Preserve $138.00 · $7.29/L
Order **5 Gal - Preserve** per batch

BOUGHT-IN ACTIVES	PER BATCH
BUY **Argireline peptide solution** Lotioncrafter · Argireline NP solution · 480 g $334.75	**1.10 kg**
BUY **Hyaluronic acid powder** MakingCosmetics · Hyaluronic Acid (HMW) · 1 kg $498	**22 g**
BUY **Cucumber fruit extract** Formulator Sample Shop · Cucumber Extract G PF · 1 kg $61	**220 g**
BUY **Licorice root extract** Formulator Sample Shop · Licorice Root Extract PF · 1 kg $56.25	**110 g**
BUY **Vegetable glycerin** Lotioncrafter · 10 lb $42.55 · for the glycerin slurry (step on the right)	**110 g**

2 Pull from our shelf

Wholesale Botanics

✓ Castor Oil	**659 g**
✓ Jojoba Oil	**439 g**
✓ Avocado Oil	**439 g**
✓ Coffee oil	**55 g**

3 Recipe

Start with one 5-gal pail of base (≈ 18.9 kg); finished batch ≈ 22.0 kg

INGREDIENT	%	PER 1 KG OF BASE	PER 5-GAL PAIL OF BASE
BASE **Aloe Vera Gel**	**86.1%**	**1,000 g**	**18.93 kg**
BUY Argireline peptide solution	5.00%	58 g	1.10 kg
OURS Castor Oil	3.00%	35 g	659 g
OURS Jojoba Oil	2.00%	23 g	439 g
OURS Avocado Oil	2.00%	23 g	439 g
BUY Cucumber fruit extract	1.00%	12 g	220 g
BUY Licorice root extract	0.50%	5.8 g	110 g
OURS Coffee oil	0.25%	2.9 g	55 g
BUY Hyaluronic acid powder	0.10%	1.2 g	22 g

≠ How ours differs from theirs

Aloe gel + castor, jojoba, avocado (all ours) + Argireline and HA. Argireline at 5% is the cost driver; vitamin K dropped.

Left out (1): Vitamin K — trace extracts and boosters.

4 How to mix

1. **Clean & set up.** Sanitize the mixing vessel, overhead mixer / stick blender, spatulas and beakers with 70% isopropyl alcohol. Gloves on.
2. **Weigh the base.** Weigh the base into the mixing vessel (5 gal of base ≈ 18.9 kg — weigh it, don't trust the pail line).
3. **Oil pre-mix.** Weigh our oils together in a beaker. Pour slowly into the base while mixing on low for 3–5 minutes. If the gel looks streaky after 24 h, next batch pre-mix the oils with an equal weight of polysorbate 20.
4. **Hyaluronic acid.** Stir the hyaluronic acid powder into 5× its weight of vegetable glycerin to make a smooth slurry, add to the batch, mix, rest 1 hour and mix again.
5. **Liquid actives last.** At room temperature (below 40 °C) add the licorice root extract, cucumber fruit extract and Argireline solution. Mix gently 3–5 minutes — no heat, no hard whipping.
6. **Check & rest.** Mix until uniform and scrape the sides. Compare with the supplier sample (colour, smell, thickness). Rest 24 h, re-check for separation, keep a 2 oz retain sample, label with batch # and date, then fill.

DAILY PLUMPING MOISTURIZER · 50 ML Step 1 of 2 — which formula

12 · NEW PRODUCT

Daily Plumping Moisturizer: which formula, and do we blend it?

OPTION A ★ OUR PICK

Niacinamide & HA Water Cream

by Pravada Beauty Labs

Daily moisturizer with 2% niacinamide and hyaluronic acid.

PREMADE	BLENDED BY US	DIFFERENCE
$2.25 per 50 mL	$0.65 per 50 mL	71% less cheaper to blend

Why we picked it: Best daily fit, with a published 2% niacinamide level.

OPTION B RUNNER-UP

Peptide Complex Moisturizer

by RainShadow Labs

Aloe moisturizer with a peptide complex.

PREMADE	BLENDED BY US	DIFFERENCE
$0.73 per 50 mL	$1.75 per 50 mL	139% more cheaper to buy premade

Why it isn’t the pick: Overlaps Peptide Potion, and its peptides cost more to buy than the supplier charges.

DECISION **Blend Option A ourselves.** WE BLEND IT

13 · RECIPE

How to make Daily Plumping Moisturizer

Copying ★ Option A: Pravada Beauty Labs — Niacinamide & HA Water Cream

PREMADE	BLENDED BY US	DIFFERENCE
$2.25 per 50 mL	$0.65 per 50 mL	71% less cheaper to blend

Per 5-gal batch (379 units): $850 premade · $247 blended

1 What to buy

BASE **All Purpose Lotion**
RainShadow Labs · 5 gal $167.50 · $8.85/L
Order **5 gal** per batch

BOUGHT-IN ACTIVES — PER BATCH

BUY **Niacinamide** — **391 g**
MakingCosmetics · Niacinamide USP · 5 kg $224.80

BUY **Hyaluronic acid powder** — **39 g**
MakingCosmetics · Hyaluronic Acid (HMW) · 1 kg $498

BUY **Vegetable glycerin** — **196 g**
Lotioncrafter · 10 lb $42.55 · for the glycerin slurry (step on the right)

2 Pull from our shelf

Wholesale Botanics

- ✓ Avocado Oil — **98 g**
- ✓ Red Raspberry Seed Oil — **98 g**

3 Recipe

Start with one 5-gal pail of base (≈ 18.9 kg); finished batch ≈ 19.6 kg

INGREDIENT	%	PER 1 KG OF BASE	PER 5-GAL PAIL OF BASE
BASE **All Purpose Lotion**	**96.8%**	**1,000 g**	**18.93 kg**
BUY Niacinamide	2.00%	21 g	391 g
OURS Avocado Oil	0.50%	5.2 g	98 g
OURS Red Raspberry Seed Oil	0.50%	5.2 g	98 g
BUY Hyaluronic acid powder	0.20%	2.1 g	39 g

≠ How ours differs from theirs

Niacinamide (disclosed 2%) + HA bought in; cloudberry oil swapped for our red raspberry seed oil.

4 How to mix

1. **Clean & set up.** Sanitize the mixing vessel, overhead mixer / stick blender, spatulas and beakers with 70% isopropyl alcohol. Gloves on.
2. **Weigh the base.** Weigh the base into the mixing vessel (5 gal of base ≈ 18.9 kg — weigh it, don't trust the pail line).
3. **Oil pre-mix.** Weigh our oils together in a beaker. Pour slowly into the base while mixing on low for 3–5 minutes.
4. **Powders.** Dissolve the niacinamide in warm (40 °C) distilled water — about twice their weight — then stir it in.
5. **Hyaluronic acid.** Stir the hyaluronic acid powder into 5× its weight of vegetable glycerin to make a smooth slurry, add to the batch, mix, rest 1 hour and mix again.
6. **Check & rest.** Mix until uniform and scrape the sides. Compare with the supplier sample (colour, smell, thickness), check pH is 5.0–6.5. Rest 24 h, re-check for separation, keep a 2 oz retain sample, label with batch # and date, then fill.

14 · ALREADY MADE IN-HOUSE

These three stay exactly as they are

No decision needed — we are not switching to a supplier formula.

WE MAKE IT NOW

Collagen Elixir

face oil · 60 mL

We already make this in-house. **Keep our own formula** — nothing to buy, nothing changes.

The research also listed two supplier formulas for it. They are **price benchmarks only**:

★ NourishUs Naturals — Rejuvenating Skin Oil
$8.69 per 60 mL premade

Natural Wholesale — Bakuchiol Treatment Oil
$3.11 per 60 mL premade

WE MAKE IT NOW

Peptide Potion

serum · 60 mL

We already make this in-house. **Keep our own formula** — nothing to buy, nothing changes.

The research also listed two supplier formulas for it. They are **price benchmarks only**:

★ RainShadow Labs — Peptide Complex Serum
$1.22 per 60 mL premade

Nardo's Natural — Peptide Wrinkle Serum
$3.92 per 60 mL premade

WE MAKE IT NOW

Arctic Alchemy

cooling gel · 60 mL

We already make this in-house. **Keep our own formula** — nothing to buy, nothing changes.

The research also listed two supplier formulas for it. They are **price benchmarks only**:

★ RainShadow Labs — Cooling Cucumber & Spirulina Gel
$0.69 per 60 mL premade

RainShadow Labs — Natural Aloe Vera Gel
$0.56 per 60 mL premade

Everything for one 5-gal batch of each blend

Body Smoothing, Neck + Chest Smoothing, Eye Smoothing, Daily Plumping Moisturizer. Bases $640 in total; most active packs last several batches. Night is bought premade, so it isn’t here.

A Bases to order

BASE	ORDER	COST
All Purpose Lotion RainShadow Labs · $8.85/L for Body Smoothing, Neck + Chest Smoothing, Daily Plumping Moisturizer	3 × 5 gal	$502
Aloe Vera Gel Organic Creations · $7.29/L for Eye Smoothing	1 × 5 Gal - Preserve	$138

B Actives to order

Argireline peptide solution — **1.10 kg**
Lotioncrafter · Argireline NP solution · 480 g $334.75 · for Eye Smoothing

Niacinamide — **790 g**
MakingCosmetics · Niacinamide USP · 5 kg $224.80 · for Body Smoothing, Daily Plumping Moisturizer

Matrixyl 3000-type peptide — **610 g**
Lotioncrafter · LCPeptide 3000 (PT-1 + PT-7) · 480 g $320.25 · for Neck + Chest Smoothing

Vegetable glycerin — **509 g**
Lotioncrafter · 10 lb $42.55 · for Neck + Chest Smoothing, Eye Smoothing, Daily Plumping Moisturizer

Cucumber fruit extract — **220 g**
Formulator Sample Shop · Cucumber Extract G PF · 1 kg $61 · for Eye Smoothing

Licorice root extract — **211 g**
Formulator Sample Shop · Licorice Root Extract PF · 1 kg $56.25 · for Neck + Chest Smoothing, Eye Smoothing

MSM powder — **199 g**
BulkSupplements · MSM powder · 1 kg $27.97 (supplement grade) · for Body Smoothing

Hyaluronic acid powder — **102 g**
MakingCosmetics · Hyaluronic Acid (HMW) · 1 kg $498 · for Neck + Chest Smoothing, Eye Smoothing, Daily Plumping Moisturizer

Allantoin — **41 g**
MakingCosmetics · Allantoin · 1 kg $63.90 · for Neck + Chest Smoothing

C Pull from our shelf

- ✓ Castor Oil — **659 g**
  for Eye Smoothing
- ✓ Avocado Oil — **537 g**
  for Eye Smoothing, Daily Plumping Moisturizer
- ✓ Jojoba Oil — **439 g**
  for Eye Smoothing
- ✓ Squalane (olive) — **407 g**
  for Neck + Chest Smoothing
- ✓ Evening Primrose Oil — **203 g**
  for Neck + Chest Smoothing
- ✓ Rosehip Oil — **199 g**
  for Body Smoothing
- ✓ Tamanu Oil — **199 g**
  for Body Smoothing
- ✓ Red Raspberry Seed Oil — **98 g**
  for Daily Plumping Moisturizer
- ✓ Coffee oil — **55 g**
  for Eye Smoothing

House rules for every batch

✓ Equipment

- Bench scale to 0.1 g (actives) + floor scale to 30 kg (base)
- Stainless or HDPE mixing vessel, 8-gal
- Overhead mixer or heavy stick blender, low speed
- Beakers, spatulas, warm-water bath, thermometer
- pH strips or pH meter (for niacinamide / MSM products)
- 70% isopropyl alcohol spray, nitrile gloves, hair net

! Golden rules

- **Pilot 1 gal first** for every new recipe and compare side-by-side with the supplier sample.
- Weigh everything in grams — never by volume.
- Oils go in pre-mixed, poured slowly while mixing.
- Actives (peptides, extracts) go in last, **below 40 °C**.
- Keep total add-ins under **15%** of the batch so the base’s preservative still works.

✎ Before it ships

- Look, smell and thickness match the supplier sample
- pH 5.0–6.5 where the recipe says to check it
- Rest 24 h; no separation, streaks or grit
- Keep a 2 oz retain sample per batch
- Batch record: date, batch #, lot numbers, weights, who mixed it
- First batch of each product: send one sample for a preservative (challenge) test