



Mastering Modern Hair Care

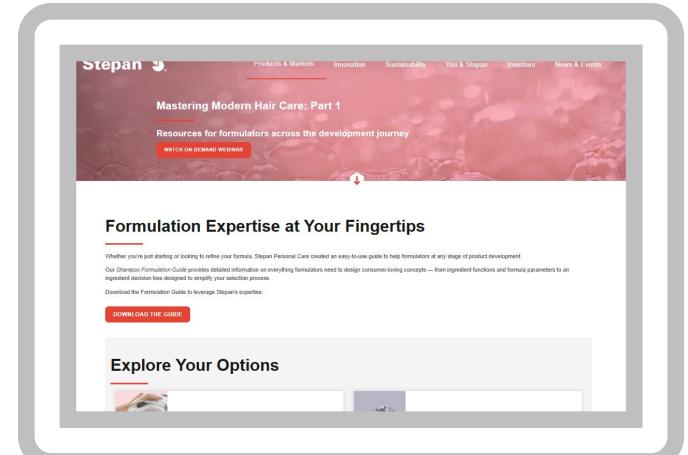
Formulate for the Trends that Matter: Part 2

Presented by

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October 16, 2025

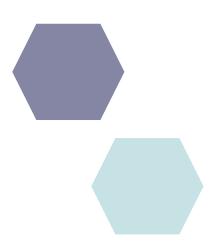
Did You Miss Part 1?



Agenda

Objectives

- 1 Global hair care market dynamics
- 2 Popular conditioner claims
- Strategies for aligning product development with consumer needs
- Market Insights
- Science-Backed Substantiation
- Empowering Formulation



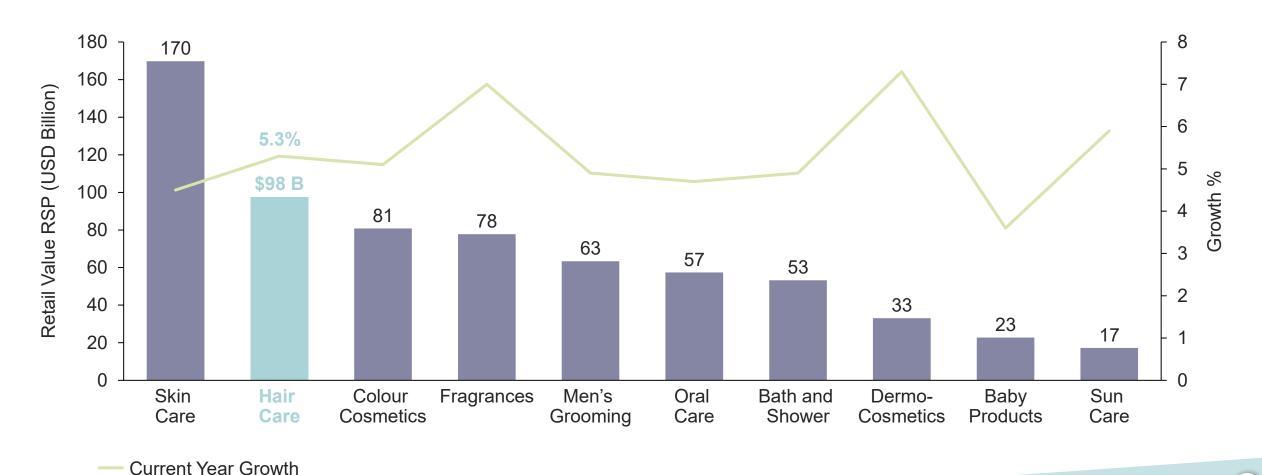
Exploring the world of modern hair care



We're working with the silver medalists today

Global Sales of Beauty and Personal Care by Category Euromonitor 2025

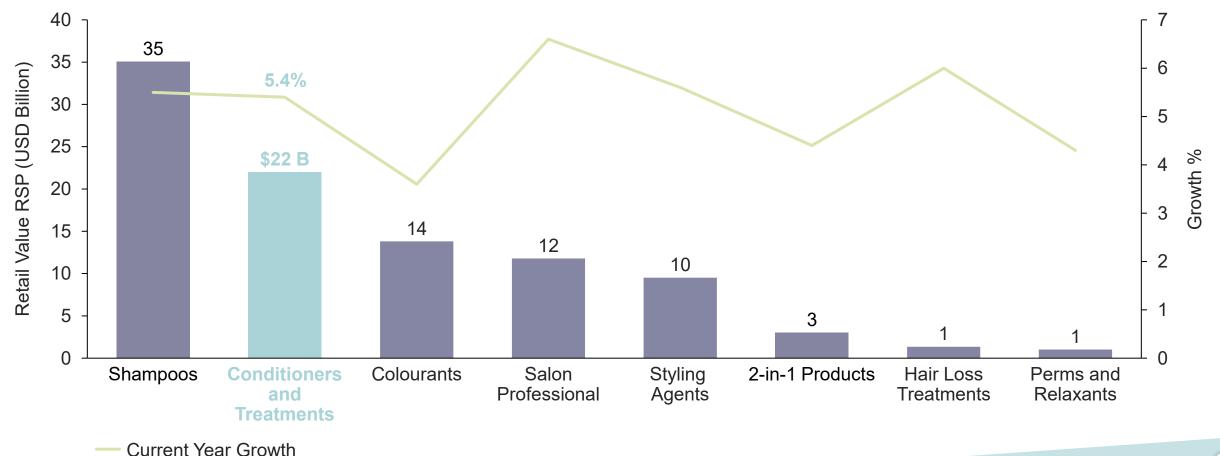
Category Value



We're working with the silver medalists today

Global Sales of Hair Care by Category Euromonitor 2025

Category Value



Trends shifting to new era of hair care: Smart & Personal



Skinification

Adopting skincare ingredients, formats, and claims



Personalization & Efficacy

Tailored solutions with data-backed claims

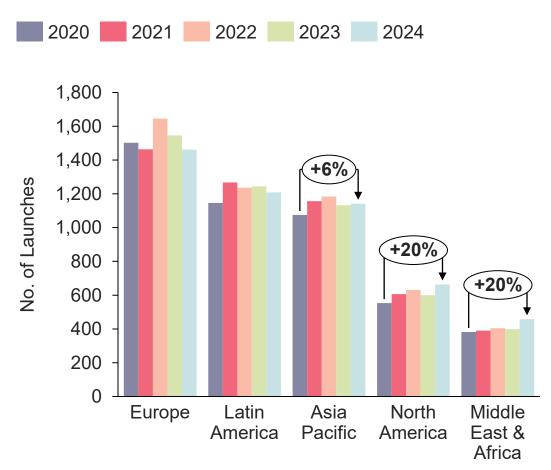


Premiumization

Willingness to invest in hair health and self-care

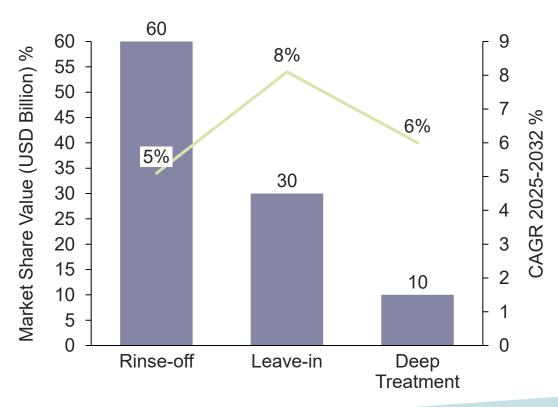
Conditioners are growing with various types

Global Conditioner Launches by Year
Mintel GNPD 2025



Global Conditioner Segmentation by Type Grand View Research^{1,2}, Mintel³

55% of salon professionals report increased demand for leave-ins over rinse-offs





¹ Grand View Research. Beauty and Personal Care Products Market Report, 2030

² Grand View Research. Personal Care Market Size, Share, Trends | Global Industry Report 2025.

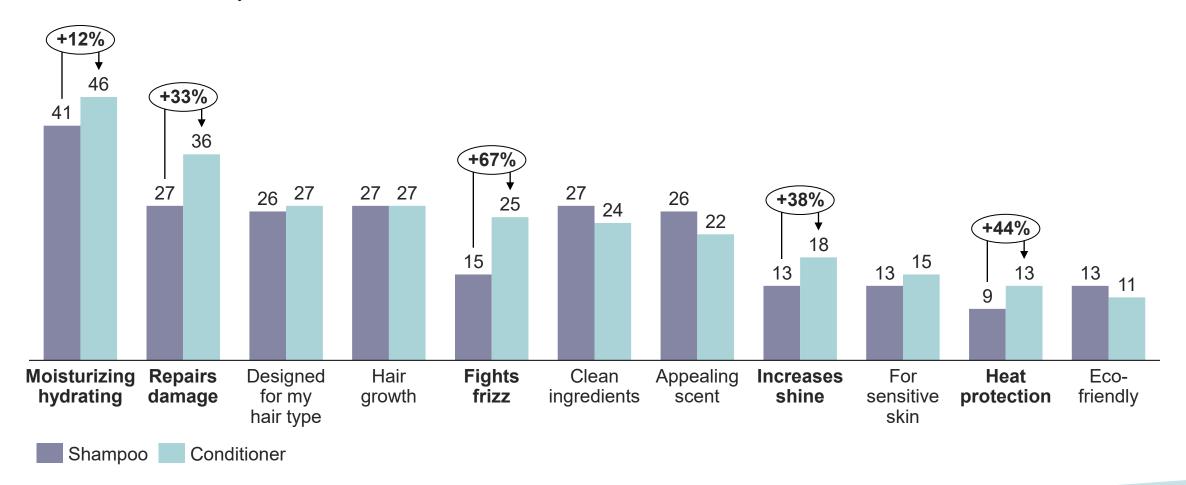
³ Mintel. Shampoo and Conditioners – Market Dynamics.

Poll Question

- How many new conditioner launches are you working on this year?
 - A. 1 2
 - B. 3 5
 - C. More than 5!
 - D. None, we're working on something else

Hair care consumers demand more from their conditioners

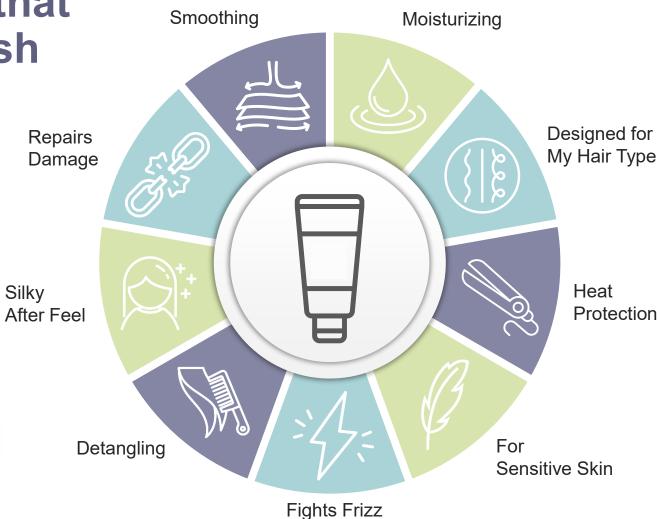
% of Respondents Seeking Benefits by Subcategory Mintel, Kantar Profiles January 2025





Formulators are challenged with crafting conditioners that satisfy every consumer wish

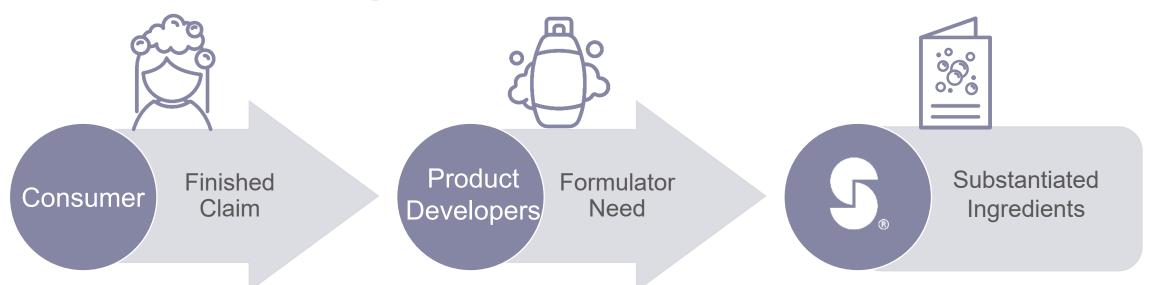




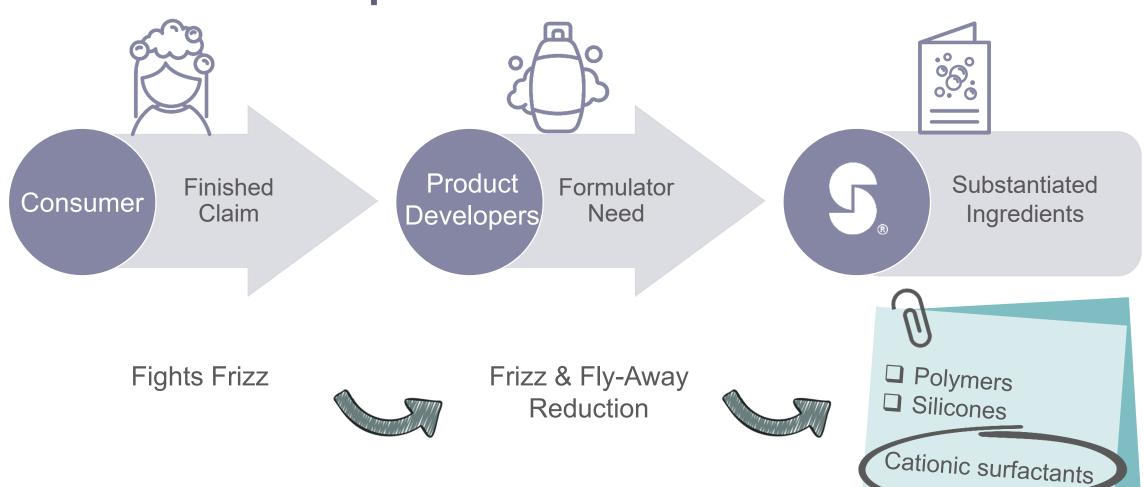
Poll Question

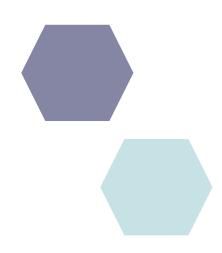
- What is your most challenging conditioner claim to formulate for?
 - A. Moisturizing
 - B. Anti-frizz
 - C. Fights damage
 - D. Detangling
 - E. Heat protection
 - F. Other

Transform your conditioner game with Stepan's proven formulation techniques and substantiation



Transform your conditioner game with Stepan's proven formulation techniques and substantiation



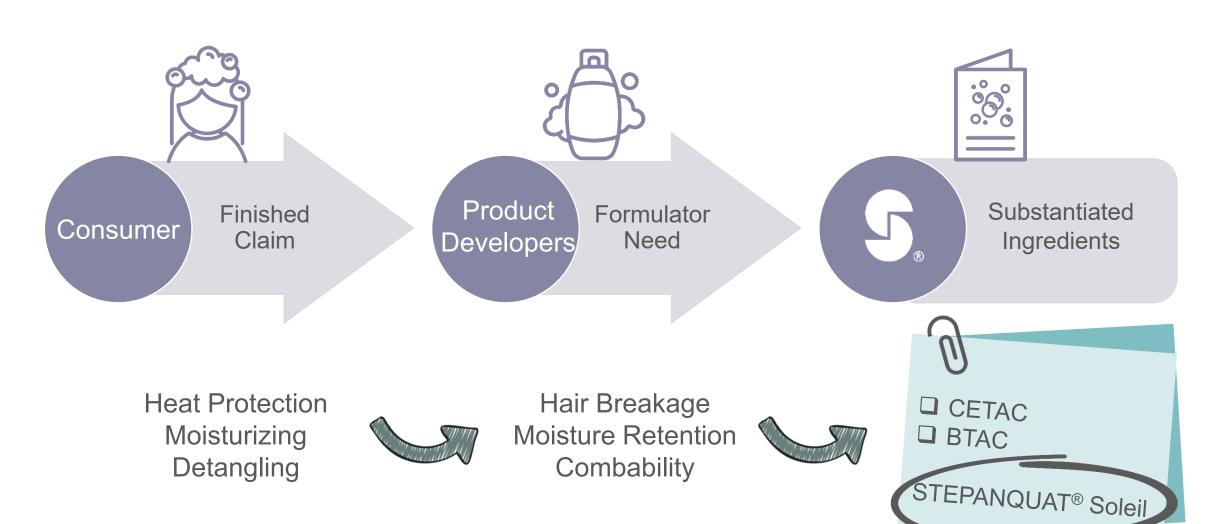


Formulating for

Heat Protection, Moisturizing & Detangling



Formulating for top conditioner claims



The clever chemistry behind STEPANQUAT Soleil

INCI Name

Dioleoylethyl Hydroxymethylmonium Methosulfate (and) Sunflower Seed Oil Glycerides

Appearance

Pale amber viscous liquid

Actives

100%



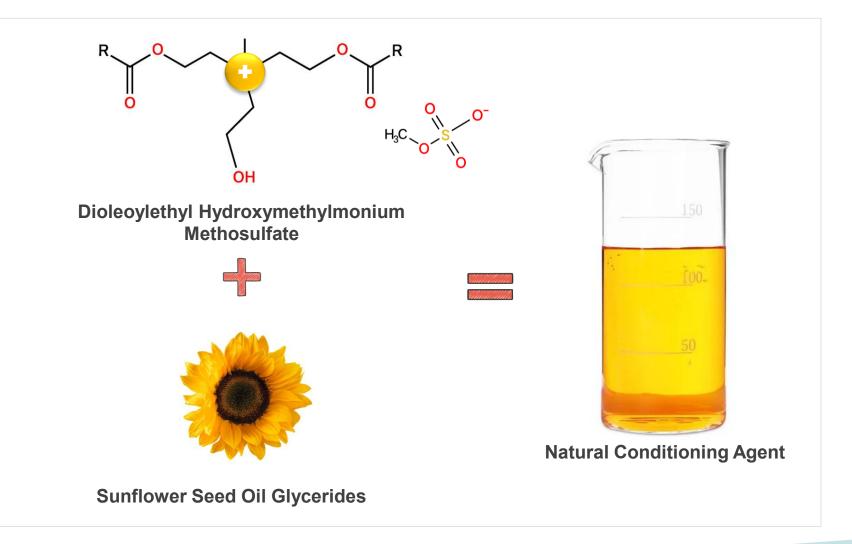
Substantive with no build-up Non-GMO sunflower oil



88% Bio-based Readily biodegradable



No use restrictions Mild and hypoallergenic

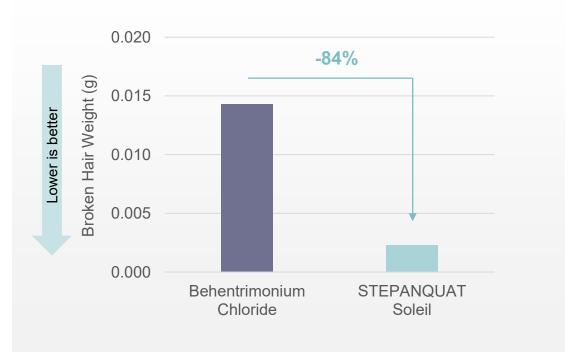


Formulate against damaged hair with ease



Heat Protection

STEPANQUAT Soleil demonstrates significantly lower breakage of hair after flat ironing and combing compared to the industry conditioner benchmark.



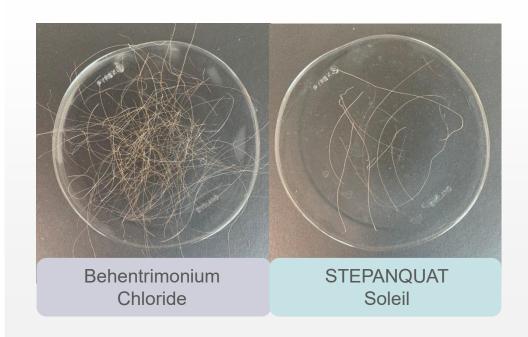
Treated Type 2 hair tresses washed and dried at RT overnight. Dried tresses flat ironed (230 °C) 20 strokes and vigorously combed 50 strokes with fine-tooth comb.

Conditioner formula by weight: 6% Cetearyl Alcohol, 2% Steareth-20, 2% Conditioning active, q.s. DI water.

Hair Breakage



STEPANQUAT Soleil demonstrates visually less hair loss compared to the industry conditioner benchmark.

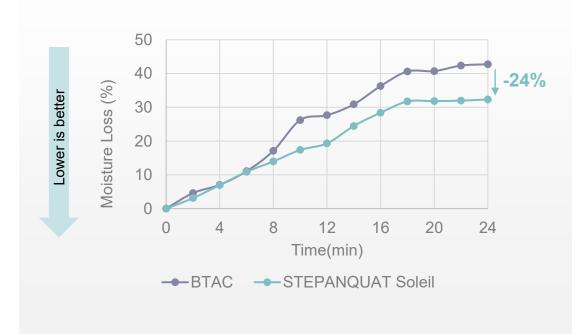


Check off hydration and smoothing hair claims



Moisture Retention

STEPANQUAT Soleil significantly outperforms the benchmark in reducing moisture loss, even at low use level, resulting in noticeably softer strands.



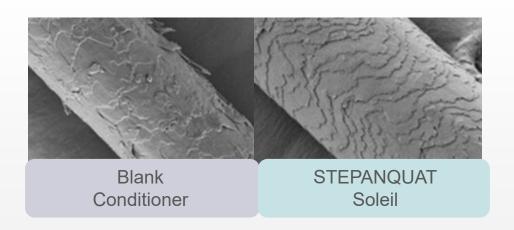
Treated Type 2 hair tresses washed and dried at RT overnight and initial weight measured. Dried tresses kept in oven at 40 °C and weight measured every 2 min.

Conditioner formula by weight: 6% Cetearyl Alcohol, 2% Steareth-20, 2% Conditioning active, q.s. DI water.

Smoothing



STEPANQUAT Soleil visibly smoothens dry, thirsty hair ensuring an effective conditioning product when formulators need to wow consumers.



Scanning Electron Microscopy (SEM) images.

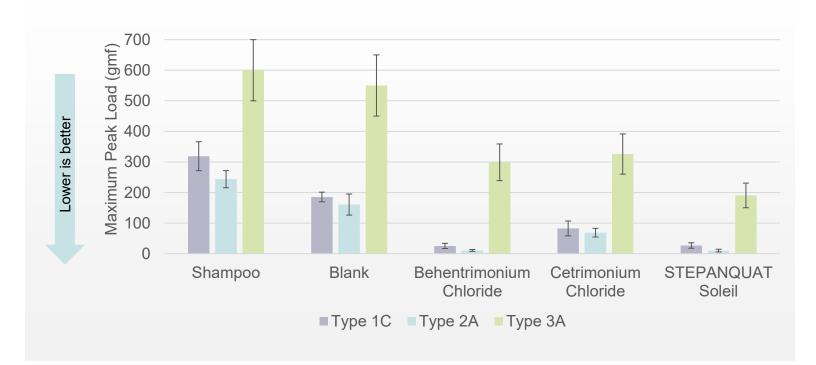


Effortlessly design formulas for any hair type

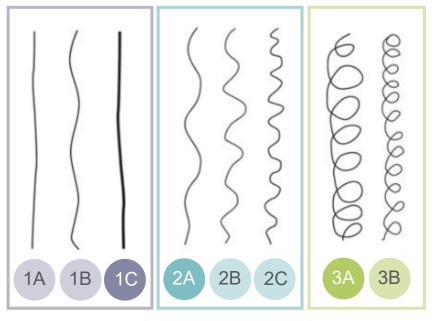


Combability

STEPANQUAT Soleil conditions as well as or better than leading conditioning agents. The wet combing performance on various hair types allows for formulation flexibility.



Andre Walker Hair Typing System¹



Treated hair tresses washed and treated. Combability measured by Dia-Stron MTT175, where gram-force (gmf) is the maximum force needed to comb through tress. Test formula by weight: 2% active conditioning agent, 2.0% Cetyl Alcohol, 0.7% Hydroxyethylcellulose, 0.5% Potassium Chloride, 0.1% preservative, q.s. D.l. water.

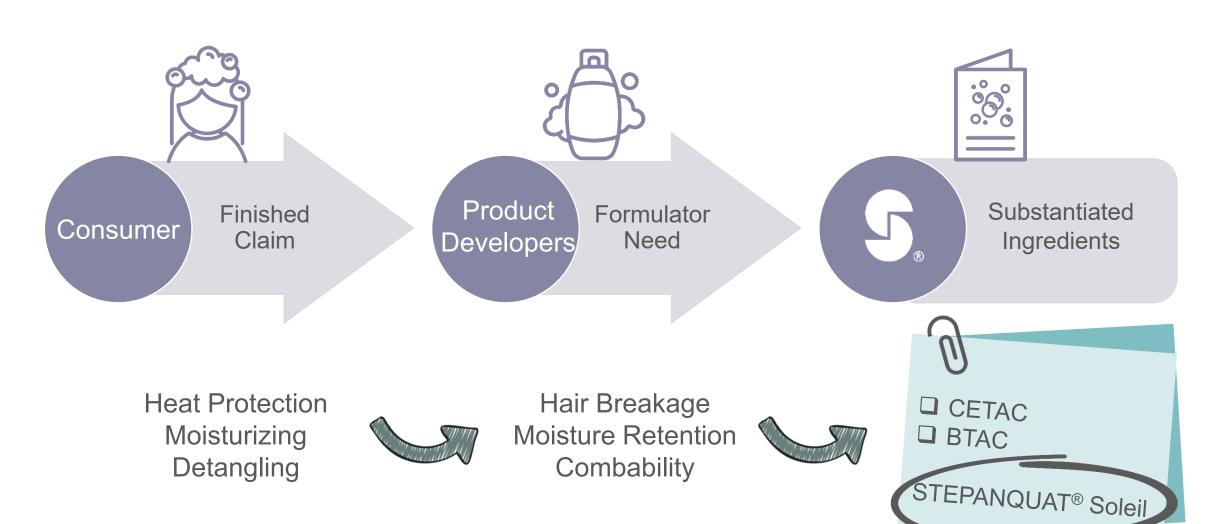
¹ This system is used to categorize natural hair types. Source: TRI Princeton, An Introduction to Hair & Hair Products Webinar.

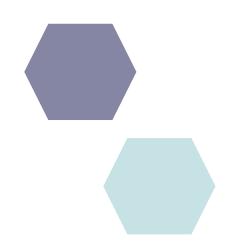


Video #1



Formulating for top conditioner claims



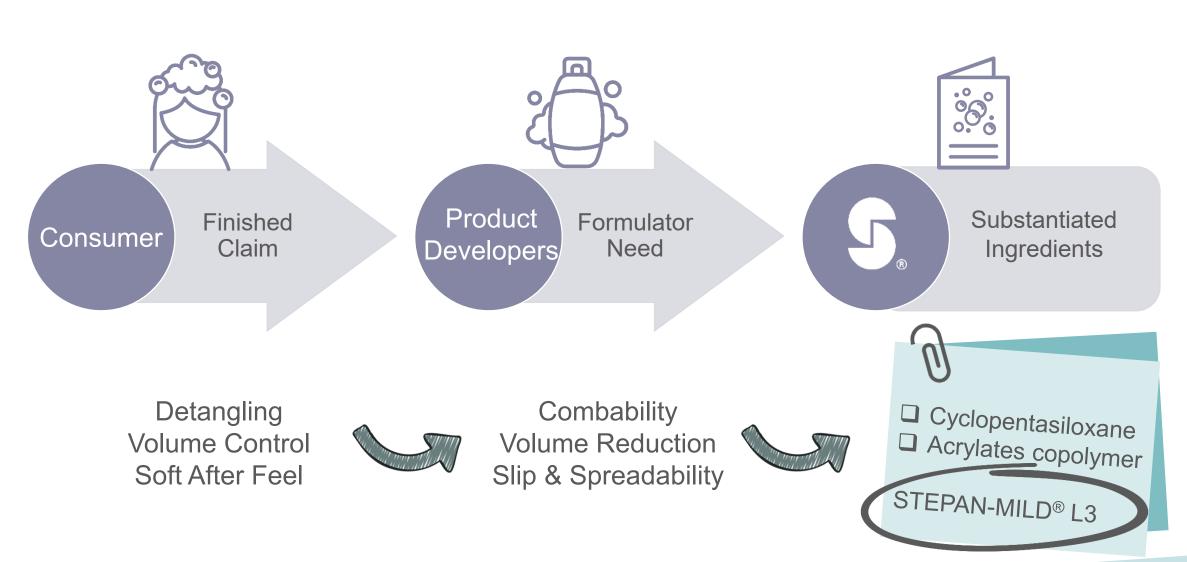


Formulating for Detanding Volume Control

Detangling, Volume Control, Silky After Feel



Formulating for top conditioner claims



The clever chemistry behind STEPAN-MILD L3

INCI Name

Lauryl Lactyl Lactate

Appearance

Clear liquid

Actives

100%



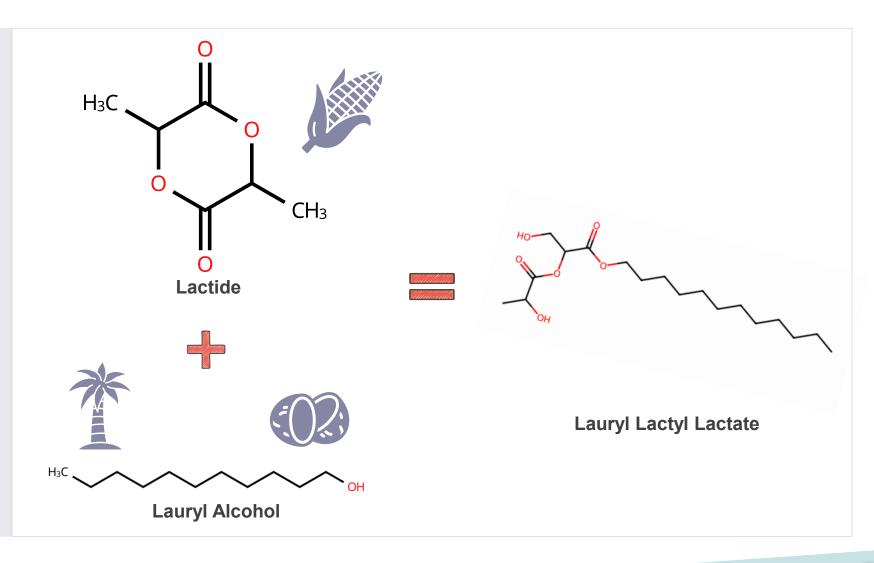
Natural silicone alternative Soft skin after feel



100% Bio-based Biodegradable



Easy to formulate CleanGredients® listed

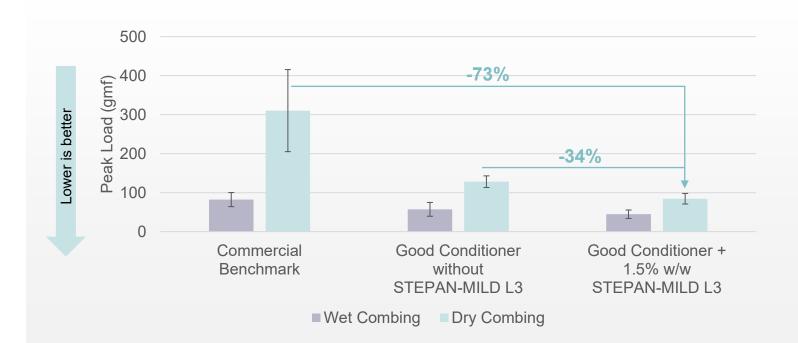


Boost wet & dry combing manageability



Combability

STEPAN-MILD L3 boosts hair manageability by significantly reducing wet and dry combing force, outperforming the benchmark for easier styling products.





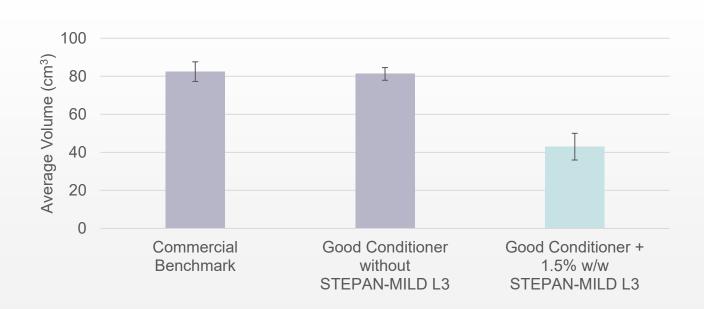
Treated Type 2A hair tresses washed and treated. Combability measured by Dia-Stron MTT175, where gram-force (gmf) is the maximum force needed to comb through tress. Conditioner formula by weight: 5% Cetearyl Alcohol, 2% STEPANQUAT® Soleil, 0.9% Shea Butter, 0.2% Vitamin E, 0.8% preservative, 0.2% fragrance, q.s. D.I. water.

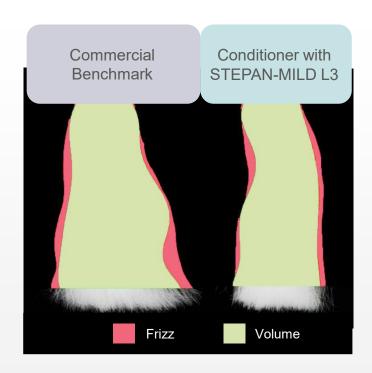
Tackle textured, coily hair with the smoothing effect



Volume Control

STEPAN-MILD L3 helps reduce hair volume after conditioning, an ideal solution for formulators targeting the expanding textured hair care market.







Support slip and spread across all formula types



Leave-on After Feel

STEPAN-MILD L3 has significantly better slid, fluidity, and spreadability. These silky attributes will provide formulators with hair care products that are light with a satin finish.



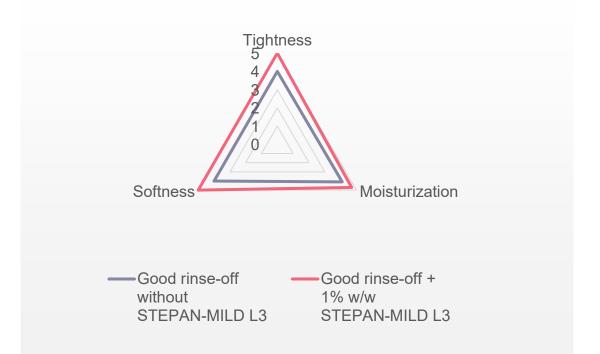
Leave-on sensory analysis on pure ingredient completed by 20 panelists.

Rinse-off sensory analysis on a moisturizing body wash commercial benchmark by 10 panelists.

Rinse-off After Feel



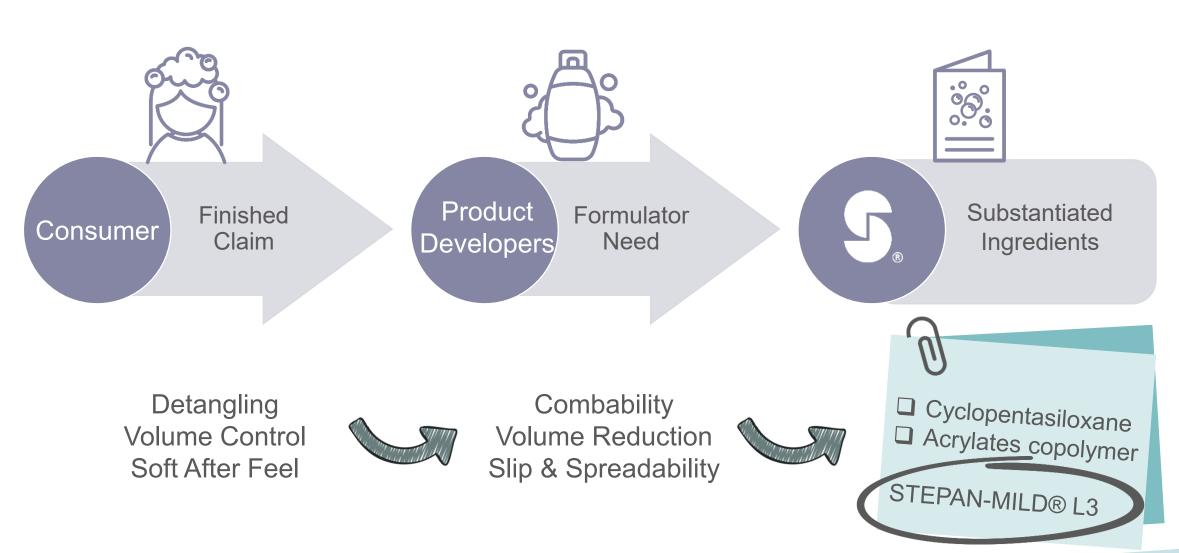
STEPAN-MILD L3 shows better overall softness and tightness in a rinse-off panel evaluation against the good formulation.

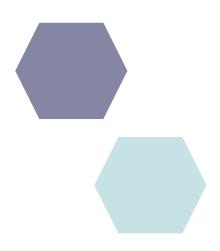


Video #2



Formulating for top conditioner claims



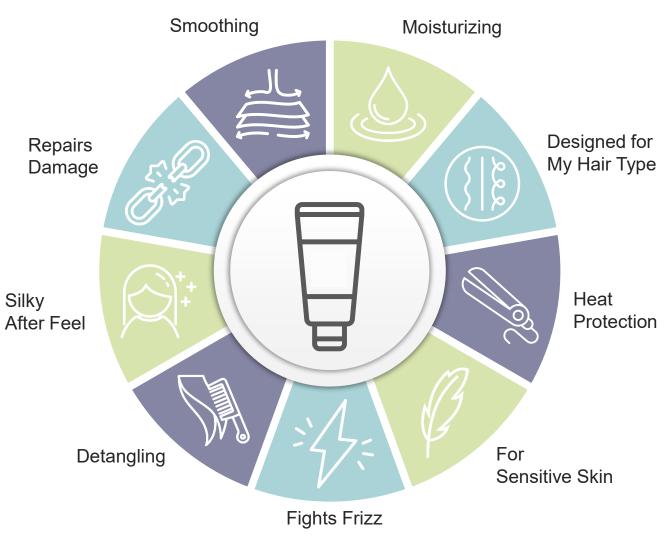


Wrapping up your journey to conditioner success!



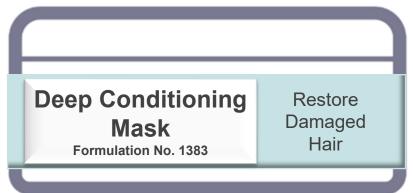
Whether you're developing novel formulations or refining your portfolio, Stepan is here to support your hair claim needs!

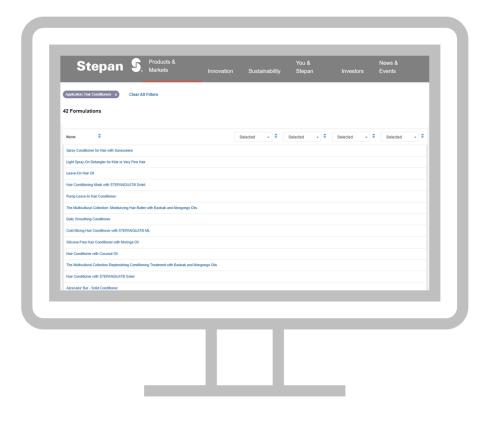




Formulation inspiration in a bottle, no waiting required



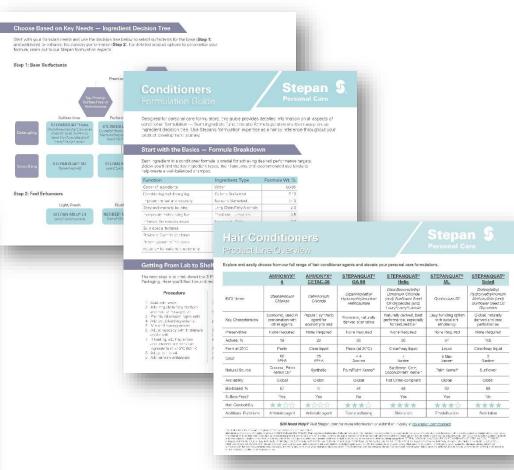




Get additional resources!

Guides, decision trees, claim data and more







Stepan's experts are your partners for hands-on support

Connect with a chemist from around the globe for personalized demonstrations or formulation troubleshooting!

- Reach out to your local sales representative
- Contact us at go.stepan.com/Conditioners







Thank you!

Get personalized support: go.stepan.com/Conditioners

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