

# COSMEGRAM

February 2024 • Vol 54 | Issue 2



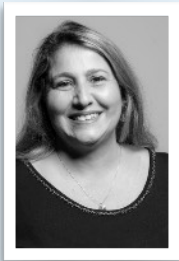
## MONTHLY MEETING - FEBRUARY 2024

### NEW APPROACH TO ADDRESS THE UNMET NEEDS OF TEXTURED HAIR

Speaker: *Marcia Paula*

Let's face it, not all hair is created equal!! Ethnic hair, typically classified as type 3 of 4 hair, has a different morphology than type 1 and 2 hair and therefore requires different care and often, a more regimented hair care routine. Based on deep consumer surveys, in addition to stronger and resistant hair, ethnic hair consumers still want their hair to be moisturized and soft, to have a better curvature definition, a greater perception of shine, to repair split ends. They have a strong desire to use products that make detangling easier and provide curls elongation with less shrinkage effect, in addition to their keen awareness about maintaining a healthy scalp. All these specific needs are linked to the unique textured hair morphology and structure, which demands a more attentive look in terms of new test methodologies and specific technologies.

In this eye-opening presentation, we take a deep dive into the struggles the ethnic hair care consumers deal with on a daily basis. We explore their "wash day" routine as well as their struggles in maintaining styles in the days following. In addition, we look at solutions to help with specific needs for both the hair fiber as well as the scalp and ideas to promote a customized regimen to these fulfill the specific needs of the consumers.



Marcia Paula is currently the Global Hair Care Category Director at Symrise. She has over 20 years of experience in the cosmetic industry in both regional as well as global roles. Prior to her work in leading all hair care initiatives at Symrise, she was a regional business manager for the Latin American market, and she was also a product manager and sales executive at Cognis. Marcia has published many papers and scientific articles and has frequently presented at international conferences. Marcia has a degree in pharmacy and biochemistry from Osvaldo Cruz University in Brazil where she also worked as a professor in cosmetology.



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# MESSAGE FROM THE EDITOR



Thank you to everyone for coming to our first meeting of 2024. If you missed it check out the pictures in this Cosmegram. Mason led the meeting, and we couldn't have been happier with our first Speaker Rebecca Gadbury. As a huge fan of Rebecca's, my respect for her and her determination to bring our industry the best, only grows each year. With her knowledge I am determined to be ageless! We thank our January Sponsor Provital and the team for helping to make the meeting a success. This month we are excited to have Marcia Paula of Symrise speak about textured hair and unmet needs. We thank Symrise as our sponsor for February.

In this issue of the Cosmegram, I am so happy to have another stellar article from Erica Herrel our Historian, Adrian Farina with regulatory updates and a technical article from BASF. Please enjoy reading the articles and perusing the pictures from January's meeting. Our sponsors have updated their content so make sure to click on links to companies that sponsor our newsletter.

In our last Cosmegram, Mason laid out his goals for the chapter this year. If you missed them, here they are:

- 1) Expanding a healthy membership and volunteer board via new initiatives,
- 2) Investing further in the sustained financial health of the organization
- 3) Continuing to bolster our commitment to our educational mission through increased scholarship funds and mentorship.

Thank you SCC – California chapter for entrusting our newsletter to me! It is named 'Cosmegram' so that we can all come together through print, in-person activities and education to promote the industry we love. I am looking forward to seeing you at February's meeting.

Invigorate, Invest, and Invent!  
Jennifer Lee Curtis  
2024 Cosmegram Editor  
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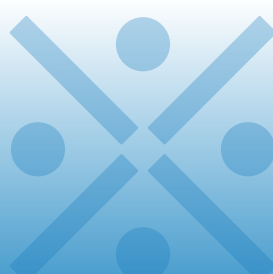


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**AVENUE OF THE ARTS**  
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**SPEED DATING**  
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April

5/21/24

**DUKE'S**  
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**DINNER DANCE**  
JW Marriott Los Angeles

6/8/24

August

**SUMMER EVENT**  
TBD

**AVENUE OF THE ARTS**  
Costa Mesa, CA

9/24/24

10/29/24

**SCIENTIFIC SEMINAR, UNIVERSAL SHERATON**  
Universal City, CA

**GOLF OUTING**  
TBD

11/11/24

11/19/24

**WESTDRIFT MANHATTAN BEACH**  
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# FORMULATING FOR SUSTAINABILITY IN AN INCREASINGLY COMPLEX ENVIRONMENT

## **Authors:**

Cara English - Application Chemist II – Hair and Body Care

Sage Hartlaub - Manager, Sustainability – Care Chemicals, North America

## **Consumers Want Sustainability – So Now What?**

There is no denying the increase in consumer appetites for sustainable products. In a recent survey of US adults, 59% of US consumers report making more of an effort to buy personal care products that are environmentally friendly compared to the last year.<sup>1</sup> Consumers want brands to speak to this: 60% of US beauty consumers care about using brands and products that align with their personal values.<sup>2</sup> However, consumer values when it comes to sustainability can vary widely according to geography, personal experience, economics, and more. For example, consumers in Italy rank energy savings highly on list of environmental issues, whereas consumers in India are highly interested in plastic pollution and consumers in Mexico are increasingly interested in animal welfare.<sup>3</sup> With people worried about everything from desertification to deforestation, a narrow focus on only single aspects of a formulation is no longer enough. Formulators must be able to look systematically at products and make those sustainability stories accessible to the consumer.

For formulators, this requires both a broad understanding of sustainability as well as expert knowledge in formulation. To meet expectations, entire formulations must be specifically tailored to meet the sustainability requirements of the consumer without sacrificing performance and consumer experience. From a formulator's perspective, there can be many ways to address eco and ethical beauty when creating a product, but two of the main levers are through formulation and ingredient selection.

## **The Way Without Water**

One approach is to consider the formulation formats. Products that require minimal to no water in formulation including bars, pastes, and tablets, help address sustainability concerns such as water utilization. In recent years climate change has driven an increase in the frequency, intensity, and duration of droughts all over the world. According to forecasts from the UN Convention to Combat Desertification, by 2050 droughts may affect over three-quarters of the world's population. Already today, the World Resources Institute estimates one-quarter of the world's population face "extremely high" levels of baseline water stress, and another one-third face "high" levels. By formulating with little or no water, we reduce the stress placed on the world's water resources.

These formats also come with additional sustainability benefits that are part of the larger picture. By allowing for lighter and more compact products due to either decreased weight or the enabling of paper packaging for bars vs. bottles, waterless and low-water formats also help to realize significant greenhouse gas and cost savings, as well as reduce the need for single use plastic packaging.

## **A Solid Alternative**

Traditional rinse-off formulations can contain an average of between 60% to 90% water and 10% to 20% active surfactant load. These emerging products can be formulated to have reduced water, no "added" water or even completely waterless. Not only may the water content be decreased, but the surfactant load may be increased, turning the final product into a concentrate with two or even three times the active surfactant concentration!

# FORMULATING FOR SUSTAINABILITY IN AN INCREASINGLY COMPLEX ENVIRONMENT

Within the bar category there are multiple methods of processing: extrusion, hot pour, and pressing. An example formulation of a hot-pour shampoo bar can be seen in Formula 1. Pastes are often concentrated and have a much higher surfactant load than a traditional shampoo. Tablets can be used as is or may be dropped into a larger bottle of water and dissolved. There are additional formats including balms, liquid concentrates, and powders that are based off these core three formats.

<b>Formula 1: Creamy Foam Shampoo Bar (Hot Pour) [HB-US-22-36532-10]</b>				
<b>Phase</b>	<b>Tradename</b>	<b>INCI</b>	<b>%w/w</b>	<b>Function</b>
A	Cegesoft® PS 6	Olus Oil, Vegetable Oil	3.00	Emollient
	Dehyquart® F 75 T	Distearoylethyl Hydroxyethylmonium Methosulfate, Cetearyl Alcohol	5.00	Conditioning agent
	Lanette® O	Cetearyl Alcohol	26.00	Consistency agent
	Cegesoft® HF 62	Hydrogenated Vegetable Oil	8.00	Consistency agent
	Monomuls® 90-L 12	Glyceryl Laurate	4.00	Lipid layer enhancer
B	Plantaren® 818 UP	Coco-Glucoside	20.00	Surfactant
	Glycerin	Glycerin	7.00	Stabilizer
	Texapon® SFA UP Powder	Disodium 2-Sulfolaurate	26.00	Surfactant
C	Gluadin® WP	Hydrolyzed Wheat Protein	0.50	Conditioning agent
	Fragrance		0.50	Fragrance

**Procedure:** This is a hot pour process for a solid bar application. It is best to use a water bath. Add Phase A ingredients into a beaker/vessel. Start to heat and melt. Heat to 80-85C, mix until uniform. Add Phase B ingredients in order to Phase A. Slowly add the Texapon SFA UP Powder in small aliquots. Continue adding and mixing until all has been incorporated. Scrape any remaining powder off of sides and mixing blade if necessary. Note: Texapon SFA UP Powder has a low density and will require a slightly larger beaker/vessel to prevent overflow. Maintain temperature between 80-85C. Add in Phase C ingredients. Mix until uniform. At 80-85C pour into a silicone mold that has been lubricated with a small amount of Cegesoft PS 6. Freeze bars and remove from mold when still frozen for best results.

## A High Bar for Alternative Formats

Each of these formats comes with the balancing act of creating a product that is soft enough for the consumer to have a seamless application process, while also ensuring that the product is durable enough to withstand stability testing. This will come into play when considering the melting point of bars, the consistency of a paste, and the pressure needed to form a tablet. In addition, more robust processing may be needed to ensure that the product is uniform, given the decrease in water content and increase in other materials.

Since these are relatively new formats, there is a need for consumer education regarding the use. Not only is there less water being used in these products, but a higher concentration of surfactants. This means that consumers must become accustomed to using less product. At first the product may be difficult to use because it is likely to be more concentrated than a traditional shampoo, face cleanser, or body wash. Most of these types of products, particularly

# FORMULATING FOR SUSTAINABILITY IN AN INCREASINGLY COMPLEX ENVIRONMENT

with tablets, pastes, and bars, will need to have water added in order to achieve better performance. By adding water, the foaming and emulsification will be better activated, and consumers will see higher foaming and better cleansing.

## Formulating for the Future

There have been great strides made in the expansion of these format types; however, there is still room for improvement for formulators to create low-water and waterless formulas that have a desired aesthetic feel on hair and enhanced efficacy. Not only is there education that consumers will learn, but there is also much more work that needs to be done on the industry side. Current testing methodology must be tailored to study these solid formats. Customers do not want to compromise on performance when purchasing a more sustainable product.

Currently we are seeing emerging formats in the cleanings category of personal care products, and we will continue to see this trend expand into other segments. The idea of tablets and concentrates is also currently being explored in oral care. We will continue to see these sorts of trends expand in hair styling, skin care, and sun care.

## The Benefits of Bio-Based

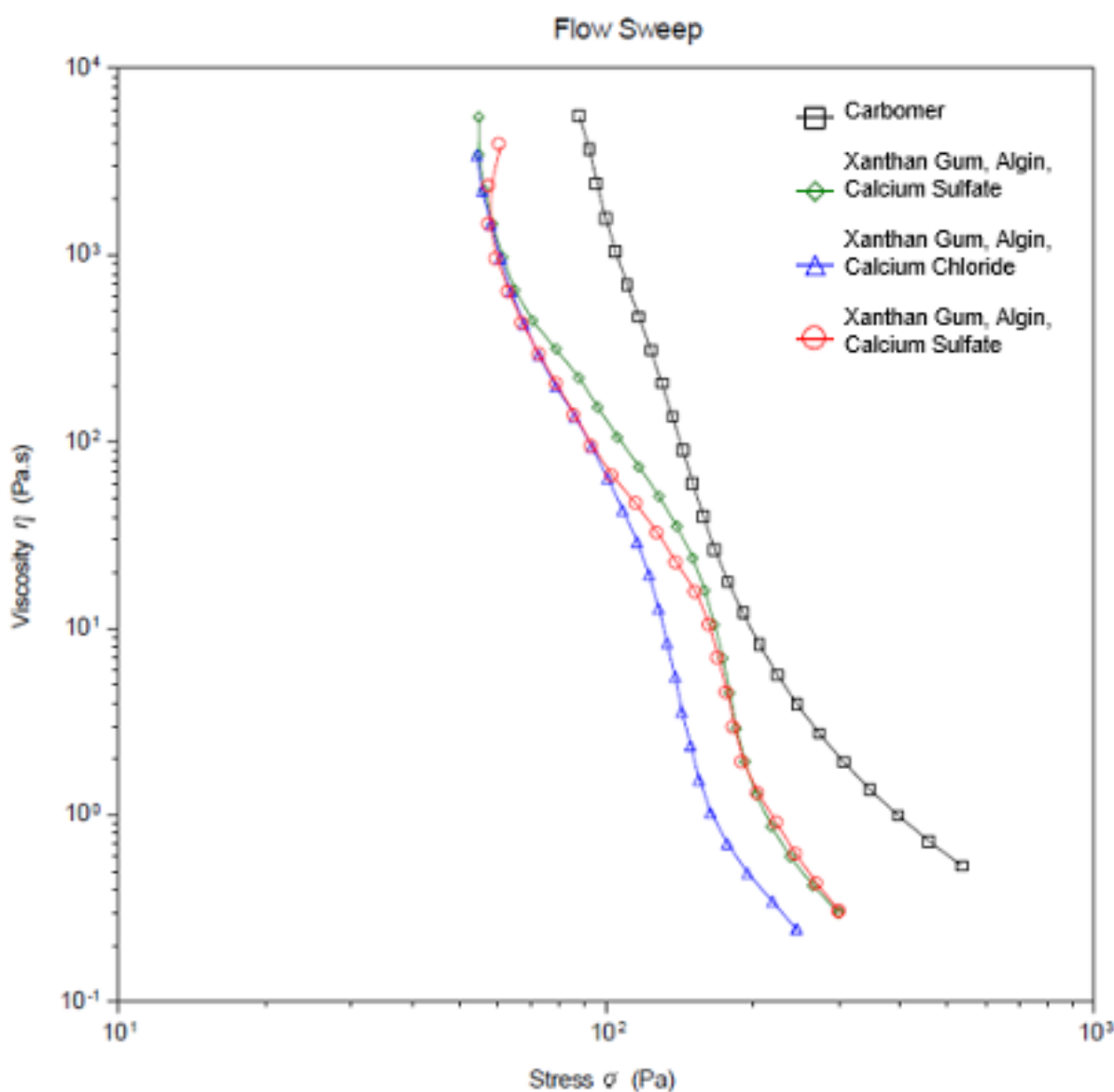
Another way to approach eco-friendly beauty is to consider the raw materials being used in formulation and switch to more sustainable products where possible. One area to explore is the increasing consumer interest in natural and bio-based products. In India for example, 83% of adults say that natural ingredients are their top priority when shopping for beauty/grooming products.<sup>4</sup> By converting from fossil feedstocks to natural and renewable feedstocks, we can reduce reliance on fossil fuels. In areas such as biopolymers, studies have found the carbon footprint of a starch-based biopolymer to be lower compared to petroleum-based polymers, for a CO<sub>2</sub> equivalent savings of up to 56%.<sup>5</sup> Another study also found advantages in bio-based polymers in terms of nonrenewable energy production (NREU), placing the NREU of a corn-based biopolymer about 20MJ lower per kg product when compared to petroleum-based polymers.<sup>6</sup> It is important to note that such impact metrics vary widely according to such factors as material selection and sourcing, manufacturing processes, and end-of-life, so there must be significant research conducted to appropriately measure the impact of bio-based ingredients.

## The Natural Choice

Consumers are engaged with the personal care industry and are increasingly educated about the use of natural ingredients in products. There is a strong link between natural ingredients and sustainability perception. In India for example, 34% of adults believe that a beauty/personal care product is sustainable if it's made from natural ingredients, and in France this number is 50%.<sup>4</sup> Consumers seek out products that have a similar aesthetic and performance of traditional products but utilize natural ingredients. Selecting natural ingredients allows formulators to create an improved sustainability profile while still utilizing traditional formats.

# FORMULATING FOR SUSTAINABILITY IN AN INCREASINGLY COMPLEX ENVIRONMENT

To address interest from consumers, formulators are looking to use ingredients that are not only natural, but also have multi-functional benefits. There are several biopolymers currently on the market, most notably alginate, cellulose, collagen and starch. Natural biopolymers can be used in a broad range of applications. This class of ingredients can be used as rheology modifiers or as thickening agents. One of the most popular biopolymers to use in the cosmetic industry is Xanthan Gum. Xanthan gum has great suspending properties and provides robust thickening; however, it can create an undesired jelly-like texture. These biopolymers can be used in combination with one another in order to balance certain characteristics such as texture and hold. In fact, the use of Xanthan Gum and Algin reacted with various Calcium salts creates a similar rheology to that Carbomer, a synthetic industry standard. This comparison can be seen in Figure 1.



**Figure 1.** Flow (stress) sweep experiment. Measure on DHR-1 Hybrid Rheometer using 400mm sandblast parallel plate. Shear rate conditions:  $1.0 \times 10^{-3}$ , temperature 25C.

# FORMULATING FOR SUSTAINABILITY IN AN INCREASINGLY COMPLEX ENVIRONMENT

## Building Your Toolbox

Many of these sustainability topics are falling under the term “clean beauty.” Eighty percent of US consumers have interest in products with clean labels, but there can be multiple product attributes that fall under this category.<sup>7</sup> According to Mintel, the top 4 claims associated with “clean beauty” are natural/organic claims, non-toxic ingredients, free-from claims, and being eco-friendly.<sup>8</sup> This shows that sustainability and formulations must work together to deliver a formulation that can meet the consumers’ expectations.

To guide naturality, one commonly used international framework is the ISO 16128, specifically ISO 16128-2, Indication of Naturalness. This guideline offers a framework to determine the natural, natural origin, organic and organic origin content of products based on the ingredient characterization via molecular mass, renewable carbon content or any other relevant methods. ISO allows several different calculation methods to be used in this determination and suggests that ingredient manufacturers and cosmetic manufacturers work together to calculate the index and content based on information sharing. There are also specific naturality standards such as the COSMOS standard, which included specific ingredient guidelines when formulating natural cosmetics. Formula 2 demonstrates how an innovative texture can be achieved using COSMOS-approved raw materials.

Formula 2: Moisturizing Souffle [SC-US-21-36036-85]						
Phase	Tradename	INCI	%w/w	Function	Certification	Renewable Carbon Index
A	Water, demin.	Water	46.05			
	Plantapon® LGC SORB	Sodium Lauryl Glucoside Carboxylate (and) Lauryl Glucoside	0.75	Emulsifier (O/W)	COSMOS-Approved	91%
	Verdessence™ Xanthan	Xanthan Gum	2.00	Rheology modifier	COSMOS-Approved	100%
	Verdessence™ Alginate	Algin	1.00	Rheology modifier	COSMOS-Approved	100%
	Preservative		1.00	Preservative		
B	Water, demin.	Water	30.00			
	Calcium Sulfate Dihydrate	Calcium Sulfate Dihydrate	0.40	Auxiliary		
	Glycerin	Glycerin	3.00	Humectant		
C	Eumulgin® SG	Sodium Stearoyl Glutamate	0.80	Emulsifier (O/W)	COSMOS-Approved	100%
	Lanette® 18	Stearyl Alcohol	2.00	Consistency agent	COSMOS-Approved	100%
	Cetiol® C 5	Coco-Caprylate	6.00	Emollient	COSMOS-Approved	100%
	Myritol® 312	Caprylic/Capric Triglyceride	3.00	Emollient	COSMOS-Approved	100%
	Cetiol® Ultimate	Undecane, Tridecane	4.00	Emollient	COSMOS-Approved	100%

**Procedure:** Combine Phase A, add powders slowly, mix until uniform. Pre-mix CaSO<sub>4</sub> with glycerin, then homogenize with water (~1 minute). Combine A and B and heat to 70-75C. Combine Phase C and heat to 70-75C. Add Phase C to A/B and homogenize until uniform. Transfer to propeller mixing and cool until room temperature.

# FORMULATING FOR SUSTAINABILITY IN AN INCREASINGLY COMPLEX ENVIRONMENT

In addition to certifications, there are also industry-specific lists that outline ingredients that different brands or industry groups deem to be “clean.” Some examples that formulators can use as a guideline include Clean at Sephora, Credo Clean Standard, and Target Clean. Instead of going through these lists one by one searching for a product that works, sustainability and technical teams must collaborate to save time and effort. One tool developed by BASF is the Ingredient Insider tool, which allows formulators to filter products according to different relevant industry lists. The compliant products can then be filtered by application to help formulators ensure that their formula is also compliant. This is a great example of how ingredient manufacturers keep an eye on formulation and sustainability simultaneously.

To make this easier, it can be helpful to have performance and sustainability data together in one place. In order to make this as seamless as possible, BASF developed tools like the Emollient Maestro. This is an AI tool that calculates ideal emollient mixes according to user briefings and allows for the targeted replacement of synthetic industry benchmarks such as cyclopentasiloxane, dimethicone or mineral oils. Depending on the users’ needs, it takes into account sensory and physico-chemical properties, the renewable carbon content, and common ecolabel certifications such as COSMOS, NaTrue or the Nordic Ecolabel. To facilitate the development of even more sustainable solutions, the Emollient Maestro also draws on data of benchmark products. By setting attributes of ingredients like silicones or mineral oil derivatives as a performance target, such ingredients can be specifically replaced with products with a more positive sustainability footprint.

Tools like this will become even more important as companies and regulations continue to set increasingly ambitious sustainability targets. For example, Unilever is targeting “ultimate biodegradability” across its entire portfolio by 2030. <sup>9</sup> Also in 2030, L’Oréal aims to have 95% of their ingredients be bio-based, derived from abundant minerals or from circular processes. <sup>10</sup> It is critical to begin the innovation and development processes now so that brands are well positioned to meet these goals. In the shorter term, upcoming proposals in the European Union on microplastics and deforestation will also continue to drive attention and innovation in the natural and sustainable products space.

## **When It Comes to Sustainability, Think Systemically**

Sustainability experts know that the living world is a complex system, with various systems and functions overlapping. The same is true in formulations, where different ingredients and processes must work together to deliver benefits to the consumer. Seventy-three percent of US adults say it is the responsibility of brands and retailers to be more environmentally friendly, yet the specifics of that are often up to brands to communicate to their consumer. <sup>3</sup> Given this complexity, product manufacturers must work closely and share openly with formulation and sustainability experts to develop and present holistic solutions. It is not enough to focus on a single packaging component or a single ingredient. Instead, there must be a deep expertise and understanding of how the system works together to meet the unique eco-profile of the finished product. This will help meet demand and communicate sustainability benefits in a way the consumer can understand.

Sustainability can sometimes feel like an overwhelming topic, with unlimited considerations and challenges to be overcome. However, with the right dialogue between consumer, product manufacturer, and ingredient supplier, the opportunities are just as unlimited. Each challenge is an area

# FORMULATING FOR SUSTAINABILITY IN AN INCREASINGLY COMPLEX ENVIRONMENT

for collaboration and innovation, and only through this shared responsibility can the goal of eco-friendly and ethical beauty be achieved. Sustainability is not simply a trend, it must become a new way of living and working in the modern world. As we look towards the future, we will continue to see the use of natural materials and new, innovative water-conscious formats expanding into all segments of the personal care industry.

## References:

- <sup>1</sup> [The Personal Care Consumer - US - 2022 - Mintel](#)
- <sup>2</sup> [The Future of Beauty & Personal Care: 2022 - Mintel](#)
- <sup>3</sup> [Ensure a sustainable future in BPC - Mintel](#)
- <sup>4</sup> [Find power in plant-based ingredient skincare stories - Mintel](#)
- <sup>5</sup> Giovanna Mercado, Martha Dominguez, Israel Herrera, & Rosa María Melgoza. (2017). Are polymers toxic? case study: Environmental impact of a biopolymer. Journal of Environmental Science and Engineering B, 6(3). <https://doi.org/10.17265/2162-5263/2017.03.002>
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- <sup>7</sup> [Personal Care Consumer - US - 2021- Mintel](#)
- <sup>8</sup> [Clean Beauty - US - 2021 - Mintel](#)
- <sup>9</sup> [How we're making our product formulations biodegradable | Unilever](#)
- <sup>10</sup> [Social & Environmental Performance | 2021 Annual Report – L'Oréal Finance \(loreal-finance.com\)](#)

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# Professional Certificate in Cosmetic Chemistry



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- Maintain laboratory or technical equipment.
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# Professional Certificate in Cosmetic Chemistry



## STUDY PLAN

Courses must be completed in the sequence below. Application and official transcripts required for program entry.

**Prerequisites:** At least two years of postsecondary chemistry or biology coursework, a foundational understanding of chemistry, and a background in science.

Required Courses		
QUARTER		UNITS
1	Introduction to Cosmetic Science (CHEM X440)	2
2	Skin and Hair Biology (CHEM X441)	4
3	Emulsion and Surfactant Technology (CHEM X442)	4
4	Product Development with an Independent Project (CHEM X443)	3

## ARE YOU READY FOR YOUR NEXT STEP?

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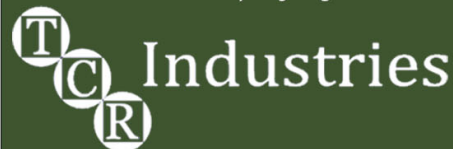
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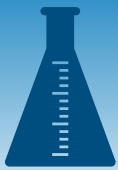
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# THE HISTORY OF PRESERVATIVES



The presence of water and air on our planet has been both a blessing and a challenge. Most of the innovations in science started with the human's obsession with food. Finding a meal and making it last for a long period of time has been a problem for all cultures around the world. In ancient times, the clever ancestors figured out that drying food items would make them last longer. In colder northern climates, ice was used to keep food fresh. The art of food drying has been traced to as early as 12,000 B.C. Some early "scientist" developed the process of fermentation to produce alcohol as well as Vinegar (the invention of Alcohol was particularly fantastic, as a Scotch drinker I salute our ancestors).

The concept of using salt is called Curing and was also used by the ancients, especially in coastal regions. However, it was not until the 1800s, it was discovered that different salts from a variety of sources can give meat a more appetizing red color as opposed to the grey appearance of the past. Sugar was also used as a preservative for the making of jams and jellies. Canning, or using heat to cook and prepare food for long term storage was only discovered in the late 1700s as well as smoking meat. I guess someone had to invent the tin can first.

A more morbid art of preservation was being performed by certain cultures in the ancient world, the act of Mummification. In that process, the body was drained of all fluids before the ritualistic process of wrapping and preserving the person for the afterlife.

When it comes to our industry, chemical preservatives were not widely used until the 20th century. It took a while for scientists to discover what causes spoilage. It was not until the discovery of the Microscope, that it was found that microbes were the culprits behind the problem. The first rudimentary microscope was developed in 1675, that is when Anton Van Leeuwenhoek first observed the existence of bacteria. As a fun side note, Aristotle first theorized the possibility of the idea of a microscope and magnification. I am still convinced he was kidnapped by aliens. The man knew too much!!

Getting back to the necessity of Chemical preservatives, these were invented like most of our product ingenuity, due to necessity of war. It is a challenge feeding large amounts of troops for months on the battle fields. The first chemical preservatives were used in the early 19th century during the Napoleonic wars. At that time the preferred method was the tin can and heat. However, tin cans were subject to corrosion due to the acids generated by the food. The solution was to coat the inside of the can with Bisphenol, also known as BPA. This coating is not being used today due to the potential health risks (hormone disruption). During the time of Napoleon, Margarine was invented. Butter did not last long in the battlefield. A French chemist created a concoction of beef tallow and fatty acids called Margarine. This invention, believe it or not, was later patented by Unilever to become the world's largest supplier of Margarine. This invention also carved the way to the invention of Hydrogenation. It was believed at that time that the process of using plant-based fats (Crisco) was much healthier than butter.

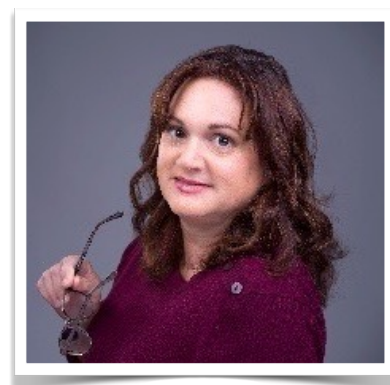


# THE HISTORY OF PRESERVATIVES



100 years ago, Parabens were discovered. They were first used in pharmaceutical products as early as 1920. Current concerns about the health effects of these substances as endocrine disruptors, prompted many countries around the world to ban some forms of the molecule and the rest were put under restrictions as far as percent of use in products. To this day, the full biological function of Parabens is not understood and why they are efficient against many bacterial species. It is thought that these molecules are better absorbed into the bacterial outer membranes, preventing the synthesis of DNA and RNA, thus killing the organisms.

In the 1960s and 70s, cosmetic products with high water contents led to an increased awareness for the need of preservatives in cosmetics. At that time, new regulations were introduced called Good Manufacturing Practices. This act led to a decrease in contaminated cosmetic products. With that act also came the scrutiny of the possible toxic effects of some of the preservatives used. Parabens and formaldehyde donors that were predominantly used in the 60s and 70s are now being banned globally. The perfect preservative would be colorless, odorless, water soluble, non-toxic, non-allergenic, effective over a broad pH range and capable of inhibiting both bacteria and fungi. Such an ingredient does not exist and with the marketplace demanding more “green” ingredients it is increasingly becoming a challenge to our industry, especially when it comes to formula stability. A new trend that is gaining ground lately is water-less products, or products where water is added by the customer. I think this trend does have good potential to grow, especially since consumers are demanding more sustainable products. As the world is moving towards clean and green chemistry, our industry will have to adapt, like we always do!!



Erica Herrel



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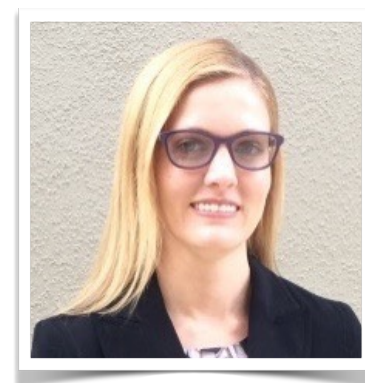
# REGULATORY UPDATES



## USA

### Oregon

- SB 546: Certain chemicals are banned or required to be reported went into effect Jan 1, 2024. It is quite similar to the list of recently banned chemicals in California.
- HB 3043 Toxic Free Kids Act updated. List of high priority hazardous chemicals. Went into effect Jan 1, 2024. And additional info and hazardous reports needs need to be submitted for products that contain such chemicals On Jan. 1, 2025. After 3 years another report needs to be submitted or the chemicals need to be removed.



Ariana Farina



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# MEMBERSHIP DUES RENEWAL REMINDER

Hello fellow SCC members and friends,

Thank you to all our SCC Family that has renewed for 2024!!! Our goal is 1000+ members and we are well on our way. Please renew your membership today and encourage your co-workers. There are so many benefits to membership. The biggest reason is our community of beauty care professionals. Elevate your membership by attending events at discounts and network with industry greats. Our board is focused on our members and how to bring relevant and cutting-edge technology to California. Click below to renew and see you at the next meeting.!

## The Quickest and Easiest Way to Renew is Online!

To pay online go to [www.sconline.org/sign-in](http://www.sconline.org/sign-in) and login using the username and password you set up. If you have not set up your username and password on our new database please go to [www.sconline.org/join](http://www.sconline.org/join) and create your own.

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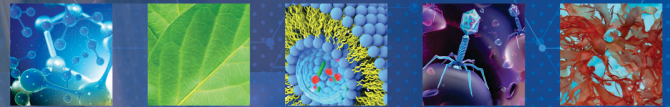


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# JANUARY MEETING





# We Value What Makes Each of Us Different

As a professional association in the cosmetics and personal care industry, the Society of Cosmetic Chemists (SCC) represents nearly 6,000 members globally. **Diversity, equity and inclusion are at the core of who we are as an organization.**

We are committed to advancing, cultivating, and preserving a culture of diversity, inclusion and belonging because a successful community of industry professionals working together to promote science, innovation, and education is our mission.

We are strengthened by the varied identities, experiences, cultures, and perspectives of our leadership, employees and members. The Society of Cosmetic Chemists is committed to fostering a safe and welcoming environment where everyone is shown respect and dignity, and opportunities for engagement and participation are available regardless of age, appearance, ethnicity, gender identity, geographical location, national origin, professional level, race, religious beliefs, sexual orientation or socioeconomic status.

The Society of Cosmetic Chemists pledges to:

- Stand against racism, intolerance, and discrimination.
- Speak up and address bias wherever we see it, whether conscious or unconscious.
- Foster open, candid, and constructive dialogue.
- Prioritize diversity, equity and inclusion as a primary and essential business function.
- Be an environment in which any individual or group can be and feel welcomed, respected, supported, and valued to fully participate.

We encourage all of our members, and the global industry as a whole, to join us in these efforts.

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## ATTENTION! ATTENTION!

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Companies interested in providing in-depth technical information to their employees can contract an education day in a location of their choosing.

- ▶ **SOCIETY** covers the costs of booking the instructor and all of the instructor's traveling expenses (including hotel, flight, car, etc.)
- ▶ **COURSES** can be scheduled for 1 or 2 days on any topic of particular interest to the company
- ▶ **COMPANIES** can choose the instructor if they seek a specific knowledge expert

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Cosmetic Formulations	cGMPS For Cosmetics and Otc's	Cosmetic Raw Materials
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mason.montgomery1095@gmail.com

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Mayra Delgado  
mdelgado@kdc-one.com

### TREASURER-ELECT

Stephanie Facuri  
stephani.facuri@solabia.com

### 2024 ADVISOR, 2023 CHAIR

Michelle Carrillo  
mcarrillo@acteraingredients.com

### CHAIR ELECT

Brittney Strickland  
brittney.strickland@croda.com

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Nondie Breshears  
breshearsn@ajiusa.com

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Valerie George  
valerie@simplyformulas.com

### AREA III DIRECTOR II

Aaron Peterson  
aaron@p2science.com

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### AWARDS CHAIR

Heidi Elrahib  
helrahib@rossorg.com

### EDUCATIONAL HOUR

Ryan Kudla  
rkudla@barnetproducts.com

### NEXTGEN DEVELOPMENT CHAIR

Nasrat Hamid  
nasrat.hamid@jpms.com

### COMMUNICATION CHAIR

Catherine Hoang  
choang@cattech.com

### BY-LAWS

Matthew Driver  
mdriver@stepan.com

### ELECTIONS

Brittney Strickland  
brittney.strickland@croda.com

### PHOTOGRAPHER

Nathan Martinez  
nathanmartinez88@gmail.com

### SPONSORSHIP

Yi Hsin Chang  
ychang@ingsolutions.com

### COSMEGRAM CHAIR

Jennifer Lee Curtis  
jennifer.curtis@lubrizol.com

### EMPLOYMENT

Heather Naef-Owen  
hnaef-owen@olvea.com

### PUBLIC RELATIONS

Gabby Zaccagino  
gzaccagino@paklab.com

### SUPPLIERS' DAY 2025

Margarita Gomez-Nadin  
suppliersday@caliscc.org

### COSMEGRAM BUSINESS MANAGER

Brian Kolevar  
bkolevar@coastsouthwest.com

### HISTORIAN

Erica Herrel  
ericaherrel@yahoo.com

### REGISTRATION CHAIR

Joel St. John  
joel@leftcoastprocess.com

### WEBSITE

Bruce Salgado  
bsalgado.scc@gmail.com

### DINNER DANCE

Diane Horne  
moody.diane@gmail.com

### HOSPITALITY

Amanda Lam  
amanda.lam@azelis.com

### REGISTRATION CO-CHAIR

Pria Maineri  
priamaineri@gmail.com

### SUMMER EVENT

Brittney Strickland  
brittney.strickland@croda.com

### SPORTS CO-CHAIRS

Catherine Hoang  
choang@cattech.com

### HOUSE

Stephen Baseman  
stephenb@tcrindustries.com

### REGULATORY AFFAIRS

Ariana Farina  
afarina20@hotmail.com

### SUPPLIERS' DAY 2025 AFTER PARTY

Velvet Arriola  
varriola@norfoxchem.com

### SPORTS CO-CHAIRS

Chris Lesko  
clesko@cattech.com

### MEMBERSHIP

Joey Bilotta  
jbilotta.scc@gmail.com

### SCIENTIFIC SEMINAR 2024

Erin Breve  
ebreve@barnetproducts.com

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**Jennifer Lee Curtis** - Editor  
(p) (310) 944-4380  
jennifer.curtis@lubrizol.com

**Advertising inquiries to:**  
**Brian Kolevar** - Business Manager  
(p) (714) 904-6047  
(f) (714) 524-8362  
(e) bkolevar@coastsouthwest.com

**Address changes & subscription inquiries to:**  
**Joey Bilotta** - Membership  
jbilotta.scc@gmail.com

