

# nutmeg newsletter



December 2022

## CTSCC 2022 Executive Board Members

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**Faith Corbo**

*Alzo*

Chair

See Faith's member profile:  
September 2019 newsletter.



**Yingxia Wang**

*Unilever*

Treasure

See Yingxia's member profile:  
March 2020 newsletter.



**Nina Miotto**

*Henkel*

Chair Elect Website

See Nina's member profile:  
October 2019 newsletter.



**Jaclyn Marchetta**

*Unilever*

Secretary, Sponsorship

See Jaclyn's member profile:  
April 2021 newsletter.



**Jennifer Macary**

*Henkel*

Advisor

See Jen's member profile:  
January 2020 newsletter.

## CTSCC 2022 Board Members

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**Tiffany Fielder**

*Henkel*

Employment, Golf Outing

See Tiffany's member profile:  
November 2020 newsletter.



**Cynthia Valovich**

*Henkel*

Reservations



**Beatriz Blanco**

*Geltor*

Editor Newsletter



**Rana Zaki**

*Henkel*

Photographer



**Mansi Parikh**

*Edgewell*

Arrangements



**Susan Sperring**

*Symrise*

Chapter Liaison

See Sue's member profile:  
October 2020 newsletter.

*Interested in joining the board? Reach out to any board member to learn more!*

# nutmeg newsletter



December 2022

## Inside this issue:

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- Ready to test your knowledge on the Mindset of the Male Consumer?
- Regional and Chapter Events
- SCC Annual Meeting – Los Angeles 2022
- Be the 2023 CT Chapter Newsletter Editor!



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Jennifer Macary  
Henkel

### Secretary /Sponsorship

Jaclyn Marchetta  
Unilever

### Treasurer

Yingxia Wang  
Unilever

### Reservations

Cynthia Valovich  
Henkel

### Golf Outing

Dan O'Neil  
Charkit

### Newsletter

Beatriz Blanco  
Geltor

### Chapter Liaison

Susan Sperring  
Symrise

### Photographer

Rana Zaki  
Henkel

### Arrangements

Mansi Parikh  
Edgewell

### Employment

Tiffany Fielder  
Henkel

## Letter from the Chair

Dear CTSCC Members and Friends,

Happy end of the year! 2022 has flown by. I hope everyone had an enjoyable Thanksgiving and was able to spend time with family and friends. Our Chapter has been busy since the last newsletter was released.

We had our first ever Oktoberfest social event on September 29th. It was a great success and the Board has decided that we will hold this event annually. TBD on if it will be at the same brewery or if we will try different breweries each year. We're fortunate to have a lot of great choices here in Connecticut.

Our annual in-person CEP course returned on October 24. "Fragrance in Personal Care" was a fascinating topic and the instructor, Steve Herman, was extremely knowledgeable on the topic. I personally enjoyed the historical information and the organic chemistry aspects. Thank you to all that attended the event. I trust that you got as much out of the course as I did.

Our 2023 schedule is being planned. We are expecting to return to our dinner meeting schedule. We will share information on the first meeting as soon as it's finalized.

For anyone that will be attending the Annual SCC meeting in Los Angeles this month, Nina and I will be there. We hope to see some familiar faces!

The CTSCC elected Board members will remain the same for 2023. Thank you to everyone (elected and volunteer) for all that you do for our Chapter. We are a small Chapter but we take pride in all that we provide to our members. I'd also like to thank Beatriz Blanco for being in charge of our newsletter this past year. She eagerly volunteered for the position and has done an amazing job. Beatriz recently accepted a new position and will not be able to continue organizing the newsletter. If anyone is interested in taking on this position (or any other volunteer opportunities), please let any of us on the Board know.

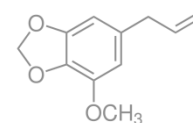
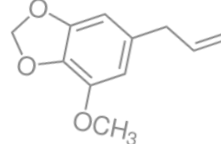
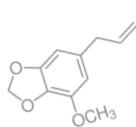
On behalf of the CTSCC Board, I wish everyone a happy and healthy holiday season and New Year. See you all very soon!

Faith



**Faith Corbo**

2022 Chair, Connecticut Chapter  
Society of Cosmetic Chemists



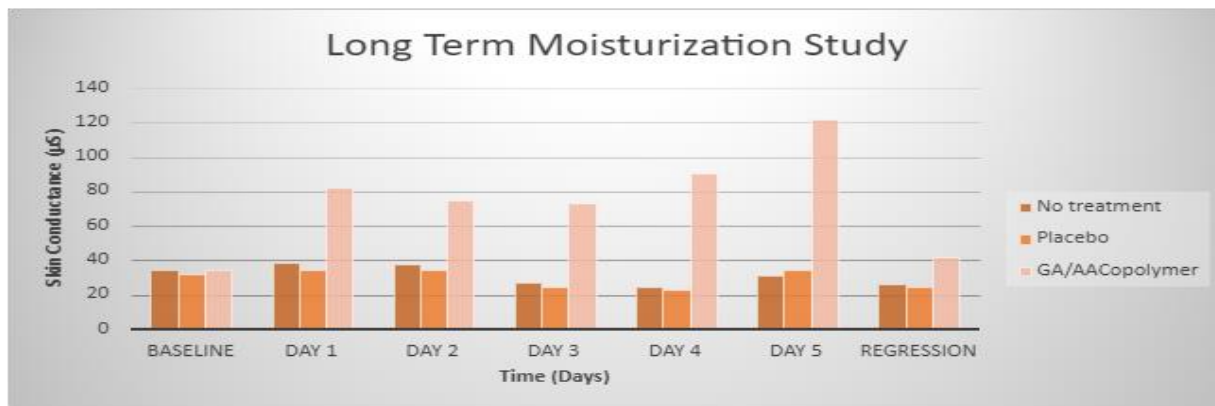
## Technical Corner

# When was the last time you really looked at a spiderweb?

Author: Donna Vigilante

Did you ever notice how a spider web holds water after a rainstorm? And, how once you disturb the web the water is released? That is the principle behind the moisture matrix of glyceryl acrylate/acrylic acid copolymer technology. The moisture matrices created are called clathrates. A clathrate is a group of molecules enclosed within a cage from which they cannot escape until the structure is destroyed. When a series of cages are linked together a matrix is formed and with the addition of water, a moisture matrix is created.

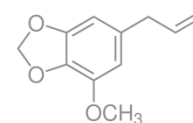
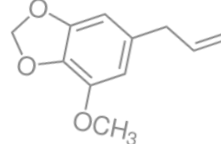
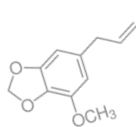
Sounds simple but producing organic chemical structures that hold moisture is a challenge. A clathrate's water capacity depends on the size of the void in the cage molecule. The cage does not covalently bond with the water but holds it due to the combination of hydrogen bonding and van der Waals forces. The glyceryl acrylate/acrylic acid copolymer cage holds a remarkably high percentage of water. This leads to a moisturization quality far superior to classical moisturizing ingredients.



Glyceryl Acrylate/Acrylic Acid Copolymer provides significant increase in moisturization during treatment and after regression compared to placebo and untreated ( $p < 0.05$ ).

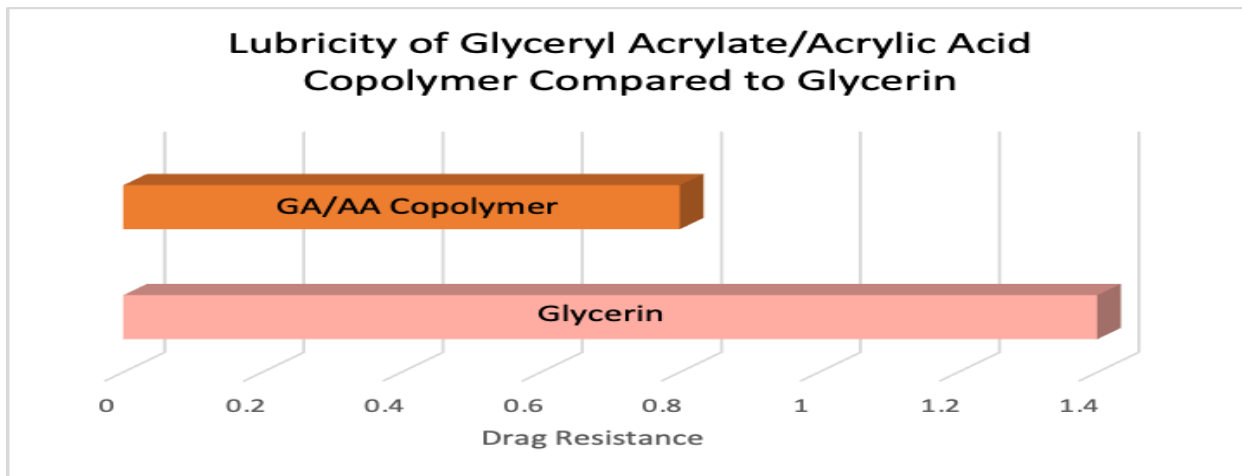
Glyceryl Acrylate/Acrylic Acid Copolymer is structured in such a manner that pH, ionic strength, surface moisture and temperature at the epidermal layer of the skin create a reversible clathrate. This reversibility brings about a moisture balancing effect. Rather than just rewetting or super fattening the skin, a reversible clathrate releases moisture where and when it is needed and avoids over moisturizing healthy skin. This occurs because glyceryl acrylate/acrylic acid copolymer products are skin activated. They are most effective in a pH range of 5.0 – 5.5, the usual pH range of skin.

(cont. on next page) 4



## Technical Corner

(cont. from previous page)



Lubrivity increases as drag resistance decreases.

Clathrates created from glyceryl acrylate/acrylic acid copolymer do not only work well on the skin. They also work inside your package stabilizing the emulsion. This stabilizing effect increases the shelf life of your product and ensures that it will look and feel the same each time your customer applies it. As you would expect from materials that help keep your product stable, glyceryl acrylate/acrylic acid copolymer is also stable. Research has shown the viscosity of this product to be very stable at various temperatures over time. Even after years, there is little noticeable change.

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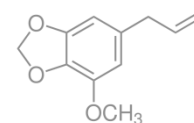
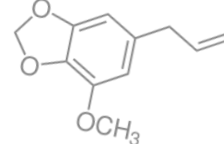
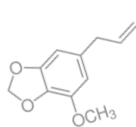
Sun Care

Skin Beauty

Green Cosmetics

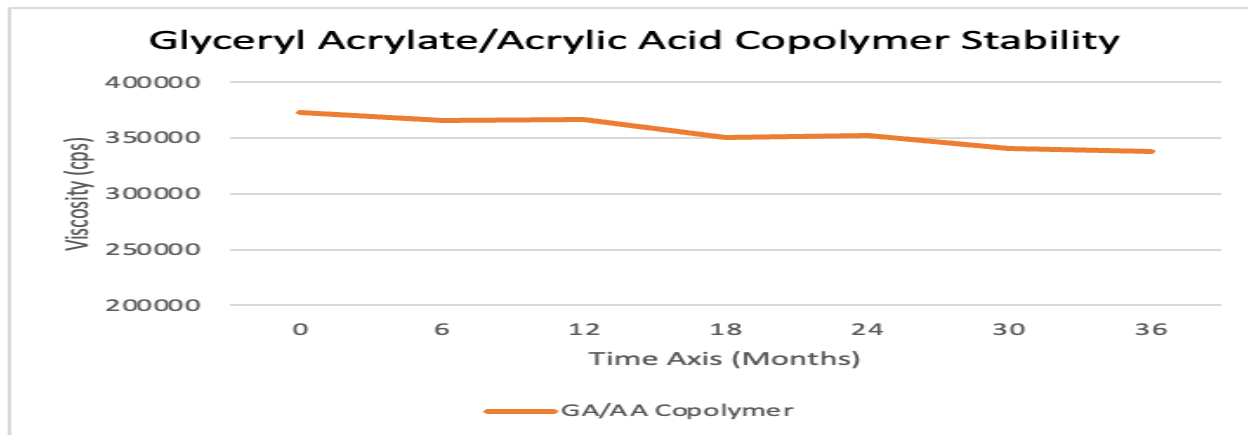
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## Technical Corner

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Glyceryl Acrylate/Acrylic Acid copolymer products come in a variety of grades and offer many benefits including superior moisturization, slip, lubricity, suspension, and exceptional after-feel. These products are easy to use and can be added during the water phase or post emulsion. They provide the formulator with flexibility to create their desired aesthetics in creams, lotions, foundations, face masks and more. Glyceryl Acrylate/Acrylic Acid copolymer products are non-oily, clear, water-soluble, cold processable, biodegradable, high in natural origin content, China listed, Halal and RSPO certified. So, only one question remains, where does your journey with glyceryl acrylate/acrylic acid copolymer begin?



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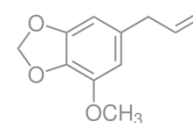
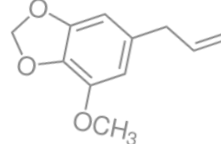
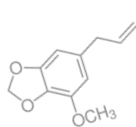


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## Technical Corner

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### About the author



Donna Vigilante is the Vice President/R&D Manager at United-Guardian, Inc, a manufacturer of cosmetic and personal care ingredients. Donna has over 15 years of experience working in the personal care manufacturing industry and has held roles in both the quality and development departments. She has MEd from Dowling College and a BS in Biochemistry from Stony Brook University. Donna can be reached at [dvigilante@u-g.com](mailto:dvigilante@u-g.com).

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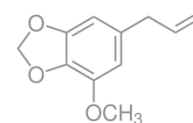
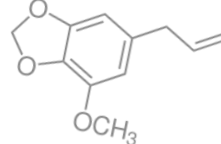
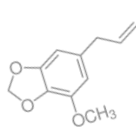
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## Ready to test your knowledge on the Mindset of the Male Consumer?\*

Men are significantly increasing their adoption of facial skin care, hair care and color cosmetics. To understand the mindset of the male consumer, the Benchmarking Company, in a September 2022 primary research study, asked more than 800 men ages 18-plus to share their buying behaviors.

1. According to the Benchmarking Company, fifty-six percent of males surveyed spend between \$26 and \$100 per month in personal care products.

Correct

Incorrect

2. 30% of men buy grooming products for themselves

Correct

Incorrect

3. 52% of men say that they buy more color cosmetics than they did 5 years ago

Correct

Incorrect

4. Respondents to the survey rate their favorite hair care brands: #1 Suave, #2 L'Oréal, #3 Head and Shoulders, #4 Pantene and #5 Dove

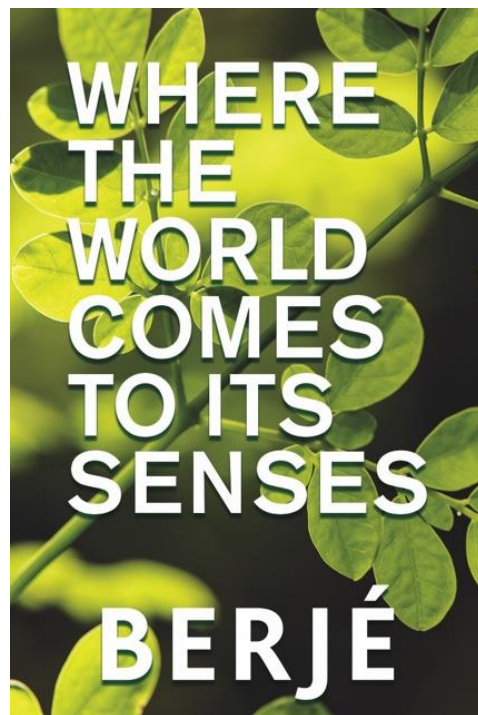
Correct

Incorrect

5. Surveyed men credit the general increase in awareness of skin health, wellness and openness to unisex offerings.

Correct

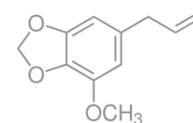
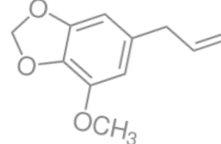
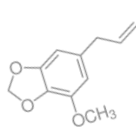
Incorrect



\*Source: *Global Cosmetics Industry Magazine October 2022*

• Check page 10 for the answers 😊





**Regional and Chapter Events**

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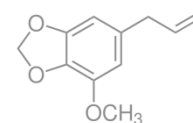
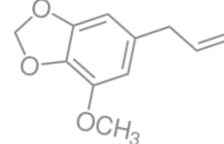
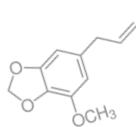
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## SCC Annual Meeting – Los Angeles 2022



### Join us December 12-14, 2022, in Los Angeles, California!

Continuing with a 2 ½ day education format, the 76th Annual Scientific Meeting & Showcase remains the premier conference for cosmetic science education. Featuring more than 40 speakers in 8 breakout sessions and 3 keynotes, SCC76 will be covering the latest research and innovation in Beauty Diversity, Hair Care, Skin Care, Sun Care, Sustainability, Makeup, Fragrance, Sensory, Claims, and more! The showcase features more than 100 posters and exhibits from the companies who drive the innovation and ingredients behind some of the most successful products in the market.

Join over 1,000 people from top cosmetic/personal care brands, manufacturers, suppliers, academia, and regulatory organizations around the globe who will be in attendance to gain the inspiration, innovation, and education to keep them at the top of their game – all while having multiple opportunities to network and connect with peers, customers, and potential clients.

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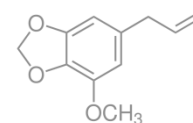
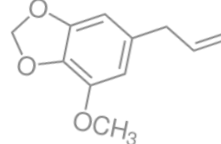
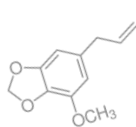


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## Answers to the Mindset of the Male Consumer

1. Correct.
2. Incorrect. . Ninety-six percent of men buy grooming products for themselves with only 4% leaving those decisions to their spouse or other.
3. Correct.
4. Incorrect. #1 Dove, #2 Pantene, #3 Head & Shoulders, #4 Loreal, #5 Suave
5. Correct.

Source: *Global Cosmetics Industry Magazine October 2022*



## Be the 2023 CT Chapter Newsletter Editor!

Great opportunity to volunteer and give back to the Society of Cosmetic Chemists. Being the editor of the newsletter will also allow you to develop new skills and you will work with a wonderful group of people!



## Connect with area professionals through the newsletter!

Do you have an **employment opportunity** in the Connecticut area or beyond?

Is there a **technical article**, raw material insight, relevant writing, or other piece you'd like to share with the community?

Have you captured **photos** at CTSCC events?

Please contact Beatriz Blanco to be featured in the newsletter ([Beatriz@geltor.com](mailto:Beatriz@geltor.com))

Are you interested in supporting CTSCC with a newsletter **sponsorship**? Please contact Jaclyn Marchetta for more information [Jaclyn.Marchetta@unilever.com](mailto:Jaclyn.Marchetta@unilever.com) or visit [ctsc.org/advertising](http://ctsc.org/advertising).

**We are a chapter of the National Society of Cosmetic Chemists.**

**The National Organization is dedicated to the advancement of cosmetic science. The Society strives to increase and disseminate scientific information through meetings, continuing education courses and publications. For more information please make sure to visit our website: [www.ctsc.org](http://www.ctsc.org)**