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http://www.swscc.org/

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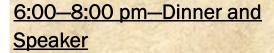
Southwest Society of Cosmetic Chemists

Volume 17
Issue 2
April
2019

2019 SWSCC Monthly Meetings

April 24th, 2019 Location—Winewood Grill

5:30-6:00 pm-Registration



"Biocompatible Amino Acids for Beauty Effects"
Speaker is Laure-Anne, Seppic's actives specialist



More info on page 4



Inside you will find:
Pages 3-4—Upcoming Events
Pages 5-6—Past Events
Page 7—SWSCC Educational Day
Pages 8-11—National SCC News
Pages 12-14—Chemist's Corner
Pages 15-21—Member Spotlight

Southwest Chapter





MEMBER NEWS

Make sure you renew your SWSCC membership so you can enjoy all the benefits of being a member!



2019 SWSCC Officers

Chair—Daniel Ramirez, Mary Kay Inc.

Chair Elect— Mary Miller, Mary Kay Inc.

Secretary - Alison Nally, Essential Ingredients.

Treasurer—Dr. Zhongsheng Deng, Mary Kay Inc.

Treasurer-Elect—Mauricio Castro, Brenntag Specialties

A question gets asked of us why do we have to register for events. We have to give the venue a week's notice how many people will be attending for food count and seating. If you don't register, we might not have enough seating or food for the entire group.

Committees Chairs for 2019

SWSCC Educational Day—Dawn Burke Colvin
SWSCC Dinner / Dance—Mary Miller
Golf Outing-Jeff Barcafar
Awards-Jacklin Hoffelt
By Laws-Robert Vetkoetter
Newsletter Editor-Alison Nally
Newsletter Sponsorship-Melissa Mata
Summer Event 2019 – OPEN
Membership-OPEN
SWSCC Media-Alison Nally
Historian – Gail Harris





Tuesday, April 23, 2019

SWSCC 2019 Golf Outing



Where:

Cowboys Golf Club 1600 Fairway Drive, Grapevine, TX 76051 (817) 481-7277

When:

Tuesday, April 23, 2019 Registration Deadline is Friday April 12th - Cost \$150 per player.

Time: 1:30 pm Shotgun (arrive by noon to register and eat lunch before the tournament. It's included in the price!)

Enjoy a complete program of range balls, 18 holes (including cart), lunch and dinner is included, door prizes, skill prizes & awards banquet Any questions please contact (via SWSCC Website):

Jeff Barcafar Mary Miller Alison Nally

SWSCC 2019 Golf Outing - 4 person Scramble Pre-Registration is REQUIRED

How to Enter

The deadline for sign-up and PAYMENT is Friday, April 12th Registration is only online and will open for this event on March 1st, 2019

**We will not be accepting payments the day of the outing! ** If you are sponsoring a team or playing as a single you MUST register online and pay by the deadline, Friday, April 12th to be eligible to play. Registration for the tournament is done online at www.swscc.org . Payment choices are credit (click the credit option when registering) or by check (click pay by check when registering) payable to SWSCC Chapter. Mail checks to: SWSCC Attn: Golf Outing P.O. Box 542163 Dallas, TX 75354-2163.

SWSCC Hole Sponsorships Available

A sign with your name, logo and contact information will be placed on the tee box as well as recognition as a sponsor in the newsletter, outing flyers and at the party. All for just \$250 per hole! If you would like to sponsor a hole please go to www.swscc.org, Hole Sponsor event and register. Payment choices are credit (click the credit option when registering) or by check (click pay by check when registering) payable to SWSCC Chapter. Mail checks to: SWSCC Attn: Golf Outing P.O. Box 542163 Dallas, TX 75354-2163. These must be registered by April 12th. Any Hole Sponsors sent in after this date we cannot guarantee recognition.

Donations

We need supplier contributions for door prizes, long drive and closest to the pin. Gift cards accepted the day of outing. Monetary donations should be made payable to SWSCC are appreciated as well as other fun gifts for the outing. Please mail checks to the address above by Friday April 12th.

Please let us know by April 1st for donations/sponsors and you will be acknowledged at the outing and in the SWSCC Newsletter.

Golf attire is required. Collared shirts and golf slacks/shorts. No steel spikes are allowed on the course.

LEGAL NOTICE: Individual golfers agree when they register to indemnify SWSCC and are solely responsible for any damage caused during the golf outing. Each player will be required to sign a release before play begins.

Southwest Chapter



SWSCC Monthly Meeting April 24th ,2019

Meeting sponsored by Kinetik



INNOVATION COMES NATURALLY

"Biocompatible Amino Acids for Beauty Effects"

Speaker is Laure-Anne Gillon, Seppic's actives specialist Abstract:

Amino acids are the building blocks of life, natural constituents of living tissues. Joined together they form proteins, the second constituent in the skin after water. Proteins ensure the skin's healthy structure, aspect and metabolism. For this reason, delivering amino acids to the skin through cosmetic products is of major interest for visible results. One of the main issues of using amino acids, hydrophilic molecules, for targeted skin care is accomplishing delivery past the first skin cell layers to reach their target; however if we improve their biocompatibility, it gives us a multitude of possibilities for cosmetics. During this talk, we will focus on a few unique amino acids involved in biological mechanisms that are key targets for the beauty industry (anti aging, melanin synthesis, ...), expand on these mechanisms, and show the skin's effects when biocompatible amino acids are applied on the skin



SWSCC Monthly Meeting February 13th, 2019



Meeting was sponsored by Essential Ingredients

Dr. Robert William Graff, Sr. R&D Chemist Speaker:

Topic: New Combinations of Silicones with Natural Ingredients - Enhancing Feel and

Delivering Actives

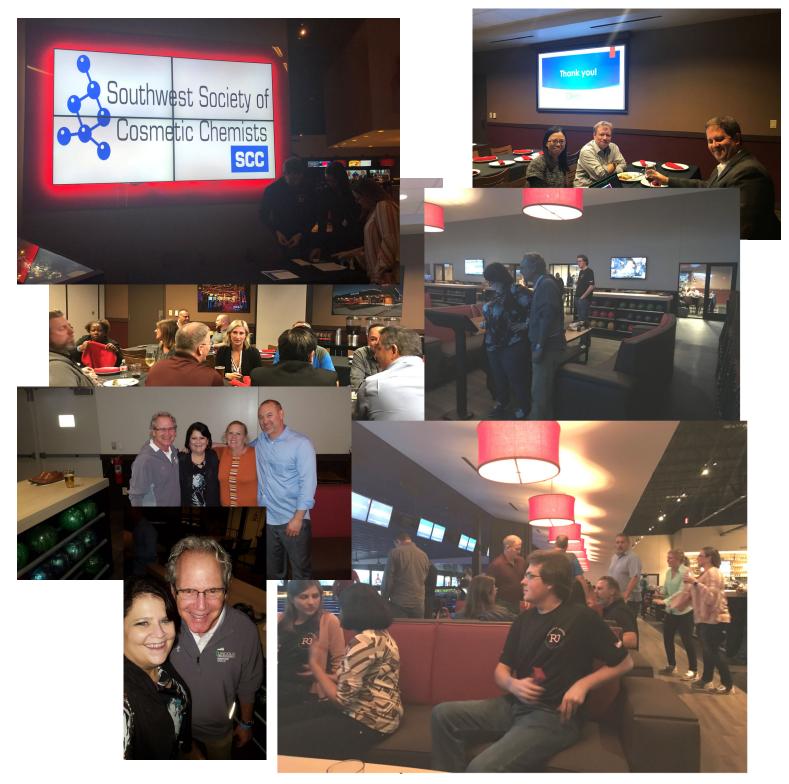




SWSCC Monthly Meeting March 20th, 2019

Meeting was sponsored by Dien-Meet and Greet at Pinstacks







SAVE THE DATE!

SWSCC Educational Day August 21, 2019

Courtyard Marriott 1201 Raiford Rd Carrollton, TX 75007

Book your room at the group rate for SWSCC Educational Seminar here!

Early Registration Begins June 1, 2019

Members: \$70 Non-Members: \$100 Students: \$25

After July 31, 2019:

Members: \$90.00 Non-Members: \$120.00 Students: \$45.00

Sponsorship Levels:

\$2500 - Gold \$1000 - Silver \$500 - Bronze

For more information, please visit our website swscc.org



:You may also contact:

Dawn Burke-Colvin Or **Daniel Ramirez**



Southwest Chapter





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ATTENTION! ATTENTION!

In-House CEP Courses Available

In-House Courses are highly-personalized courses brought to companies to address challenges or areas of need. These courses, taught by knowledge experts, provide professionals with an up-to-date cosmetic science education. Recent In-House Courses have been organized for **Benefit Cosmetics**, **Mary Kay**, **Bayer**, the **FDA** and others.

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

Current courses available include:

Scale Up & Processing	Botanicals & Naturals for The Naturals Market	Preservatives
Regulatory	Chemistry & Regulations of Cosmetic Colorants	Cosmetic Rheology
Color	Molecular Biology & Gene Expression	Color & Make-Up
GMPS For Cosmetics	Phytochemistry 101 For Cosmetic Chemists	Surfactants
Cosmetic Formulations	cGMPS For Cosmetics and Otcs	Cosmetic Raw Materials
Regulatory Update	Practical Basic & Theory in Emulsion Technology	Fragrance as A Science
Beginning Cosmetic Chemistry	Cosmetic Chemists Guide to Product Development	Silicone Chemistry
Basic Hair Science	Sustainable Cosmetic Product Development	and more!

To reserve a course for your team, contact Sam Neely at sneely@scconline.org



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- Discounts on Continuing Education courses, which further improve the qualifications of cosmetic scientists by setting high ethical, professional and educational standards
- Discounted registration to the SCC Annual Meeting
- Opportunities to participate in a range of professional and social events at 19 affiliated Chapters
- Full online access to the searchable digital library of every issue of the Journal
- AND MORE!



www.scconline.org/membership







2019 Annual Meeting CALL FOR PAPERS

Topics below considered for presentation

CBD

Hair Care Innovations
Color Cosmetics Innovations
Beauty Devices
Skin Care & Anti-Aging
The Effects of Light
Skin Microbiome
Green/Sustainable Formulations

Annual Meeting scheduled:

December 17-18, 2019 Sheraton New York Times Square

Southwest Chapter



By Perry Romanowski

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Chemists Corner

How to Stability Test a Cosmetic Formulation

Here's the biggest difference between what you experienced in your college organic chemistry lab versus a cosmetic formulation lab. In an organic lab, you mix chemicals together and hope something happens. Ideally, you get a chemical reaction you expect. As a formulating chemist, you mix chemicals together and hope nothing happens. Cosmetics are mixtures of chemicals that mostly aren't supposed to react with each other.

Unfortunately, they often do react (or otherwise change) so you need to test your formulas to see how long they will last. This is called Stability Testing and is something a cosmetic scientist spend much of their time doing. In this post, we'll give a brief description of the test and suggest when, why and how it should be done.

What is stability testing?

Stability testing is simply an experiment in which you create a batch of your formula and put samples of it at different environmental conditions for a set period of time. These conditions vary in temperature and light levels and are meant to simulate what will happen to the product during its life cycle.

At select intervals you evaluate your samples for various physical, chemical and performance characteristics to see how they have changed. If the changes are minimal according to your company standards, then your formula is said to have "passed" stability testing. This means you can have confident that when the formula is shipped to stores and ultimately customers, it will still be as good as when it was first manufactured.

Continued on next page

Southwest Chapter



By Perry Romanowski

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Chemists Corner

The underlying assumption in stability testing is that increasing storage temperature speeds up any aging reactions that will occur. A handy rule of thumb is that a sample stored at 45C for 8 weeks is equivalent to one that is stored at room temperature for one year. This isn't an exact predictor, but is good enough for the purposes of cosmetic products.

When do you perform stability testing?

Since you'll be making hundreds or thousands of prototypes during your career, it won't be practical to run a stability test on all of them. You'll also find that changes happen so rapidly at your company, you won't have time to properly test many of your formulas. But there are times when you need to do stability testing. Here is a short list of some of the most important times to conduct a stability test.

- 1. New prototypes Whenever you make a new formula and are satisfied with the way it performs, you'll want to do a stability test to ensure that it will stay together. Don't bother testing all your prototypes, just the ones that work the way you want.
- 2. New raw materials Whenever you have to change the fragrance, color, or other raw material in a formula, you'll have to do a stability test to make sure there aren't unacceptable changes. Also, when you have a new raw material source (or supplier) you'll want to run a test.
- 3. New manufacturing procedure Manufacturing is always trying to find faster ways to make formulas. This often means they change some order of addition or shorten mixing time. Whenever changes like these happen, it could affect your formula. Run a stability test to see if the change is acceptable.

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Southwest Chapter



By Perry Romanowski

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Chemists Corner

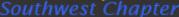
Step 4 — Put samples at different conditions. Stability testing requires different temperature and light conditions. Some standard temperatures include 50C, 45C, 37C, 25C (RT), and 4C. You'll also want to conduct a freeze/thaw stability test which involves cycling your product through 24 hours of freezing then 24 hours of thawing. Different lighting conditions involve a fluorescent light box and a natural light box (to simulate sunlight).

Step 5 — Evaluate the product. Samples should be evaluated at the following intervals. 2 weeks, 4 weeks, 8 weeks, 12 weeks, and 52 weeks. Only the RT, 37C and 4C samples will be evaluated after one year. The highest temperature samples and the light exposed samples only need to be evaluated for the first three test intervals. The evaluation tests should be the same ones you conducted when taking your initial readings.

Step 6 — Determine stability. After 8 weeks you can confidently decide whether your formula is stable or not. Nearly all products will exhibit some change so it will be up to you (and your boss) to decide whether the product passed or not.

Early in your career, stability testing will be one of the most common activities you'll do. If you can create a system that you consistently follow, you'll avoid burn-out and be able to confidently communicate when a product is appropriate to launch.



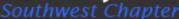




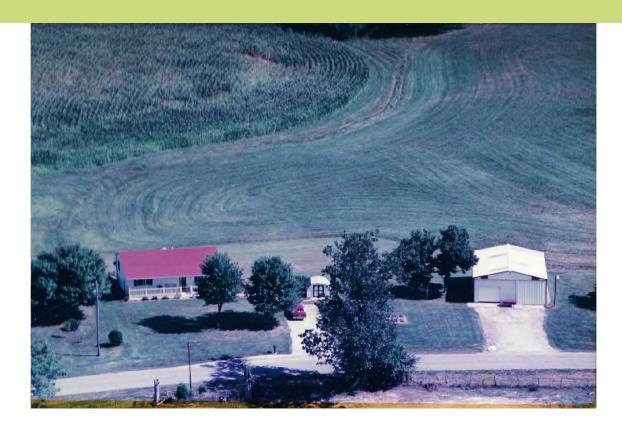
Member Spotlight—Alison Nally











Alison on her bike. Alison's Parents Alison's Parents Home where she grew up.

Where were you born and raised?

Alison was born and raised in Glasgow, Hart County Kentucky. She now splits her time between Bardstown, KY and Montgomery, TX.

Where did you go to college?

University of Louisville, Kentucky

What was your area of study/major?

Chemistry with minors in math and history

What was your first job as a teenager and after college?

Alison worked at Dow Corning during college on the production filling lines. After college, she worked in printing industry. Her current job was in Technical Sales where she learned to understand ink on paper, color matching, etc.

How did you get into the cosmetic industry?





Alison originally thought she would be a teacher, but the chemists were more fun. At Dow Corning, she was exposed to industrial chemists and the roles they played in the production and product development. This was much more appealing than a classroom structure.

What exactly do you do?

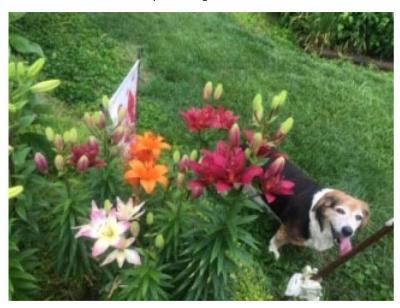
Alison sells for distributor representing manufacturers and provides technical support. Alison provides technical support for problems like pigment coming out of solution. Alison enjoys helping solve formulation challenges. She learned about pigments while working in the printing industry. Alison recommends the best product for a specific need even beyond her current offerings.

What is the most interesting part of your job?

Alison enjoys learning about new materials and how they work in and affect formulations. Personal Care ingredients are continually evolving with new functions and interactions. Alison observed that the personal care industry offers the opportunity for continuous learning.

What do like most about your job?

Alison's favorite part of her job is helping people with problems. The most unusual problem she helped with was a dog shampoo, but the customer did not want any animal testing. Alison was not even allowed to try the new dog shampoo on her own dog. The client was insistent about "no animal testing" during product development. Alison explained about panel testing... but client insisted there be no testing on any dog or other animal. Testing could only by the client herself trying the new dog shampoo. Client was sent a sample and approved the formulation for her contract packager. Alison never told her that it WAS tested on Trudy the beagle...



Trudy the Beagle



SWSCC Membership

How involved are you in SWSCC? Attend most meetings? Volunteer?

Alison began with the Society of Cosmetic Chemists in Florida where she was responsible for the newsletter. Won Chapter Merit Award from the Florida for her work on the Sunscreen Symposiums.

Then Dallas. She has held every office some twice. Alison's preferred role is secretary because she gets to work on the website as this is a great way to relax and learn new skills.

Alison enjoys the SWSCC as it gives her a chance to give back to the industry that has given so much to her.

Most memorable SWSCC event?

The SCC holiday parties are always fun, every year has a different theme. Alison loved the cowboy theme party (and the accompanying denim outfits) 3 years ago. This was one party where she did not need to purchase anything special to wear as it was already in her closet!

Do you golf in the SWSCC Tournament?

Alison plays in the SWSCC Tournament every year for over 20 years. She has her own golf clubs. This is her 3rd set. Alison says she may not the best player, but she loves to be outside and enjoys time with the SWSCC crowd.

Talent or hobby that most people are not aware of?

Making earring & necklaces is Alison's hobby. To create her jewelry, she uses semi-precious stones and wire. Alison loves to use amethysts. Her creations are usually for herself or friends and family gifts. Alison began making jewelry about 5 years ago. She attended a craft fair admiring the jewelry. When she saw wire and stone earrings, she thought "that can't be that hard to make".







Examples of Alison's jewelry.

Scariest thing you have ever done?

When Alison was 5 years old, her father took her on a trip up Pikes Peak. She has wonderful memories of the trip. After her father passed away, she thought she would honor her father by going up Pikes Peak on her motorcycle. Sharp curves and long motorcycles don't go well together but Alison made it.



Alison at Pikes Peak.

Favorite sports team?

The Kentucky Wildcats are Alison's favorite sports team. Her Montgomery office includes several examples of University of Kentucky memorabilia that were her mother's. Looks like Wildcat den!

Favorite food?

Sushi at Blue Fish restaurant. Alison is a fan of the Ahi Tower.

Favorite TV show

Curse of Oak Island on the History Channel. It is about archeological work, treasure hunting and the brothers' relationship.



Fave movie

Clint Eastwood The Mule - it is classic Clint.

Favorite Musical artist?

Alison loves country music. She says if you really want to know someone, look at the music on their phone. Alison's phone has County, Rock, and Christian. Amongst the country songs are some from the 1940's which reminds her of her grandparents.

Favorite Vacation destination -

Bike Week in Daytona Beach!

Most memorable road trip

Alison said she has experienced many beautiful trips over the year. One of her favorites is going to Devils Tower in Wyoming, Shenandoah Valley in VA. She also enjoys riding to the Hill Country West of San Antonio. Alison has cruised her motorcycle through 43 states and Canada so far.



Alison has traveled the 11 mile stretch of road (with 318 curves) known as Tail of the Dragon in east Tennessee/North Carolina.

Do you have any pets?

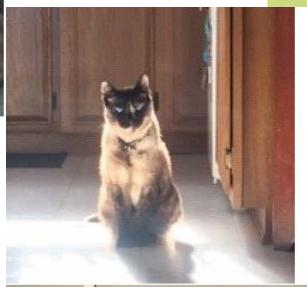
Alison shares her home with cats Killer, Cleo, Khan, and Salem. All animals know they have found a 5star bed and breakfast at her house - even squirrels, rabbits and neighborhood cats and dogs. She is



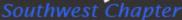
planning on adding her own dog soon. She still misses her beagle Trudy and misses the unconditional love that only a dog can give.











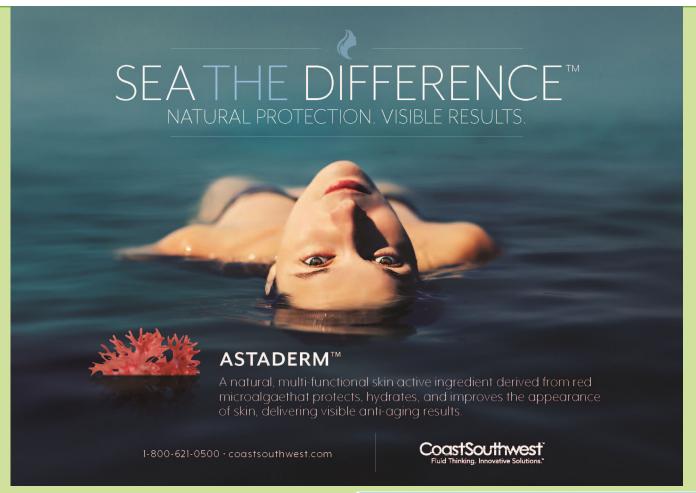








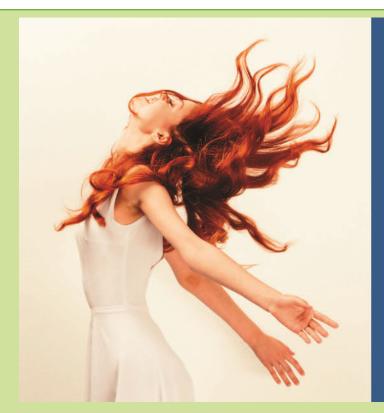








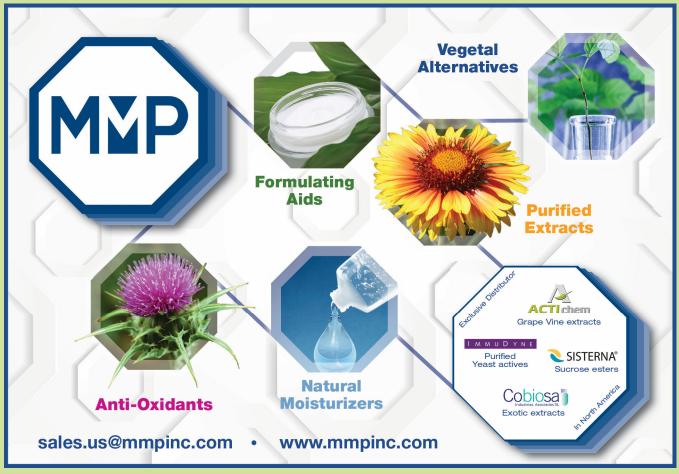




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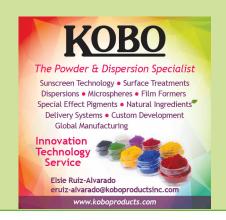






















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Southwest Chapter



SAVE THE DATES!!!!

April - 23rd Golf

April - 24th Monthly Meeting

May - 16th Monthly Meeting

June - 20th Monthly Meeting

July - Summer Event

August - Educational Day - 21st

October - 10th Monthly Meeting

November 12th Officer Installation

December 6th —Holiday Party

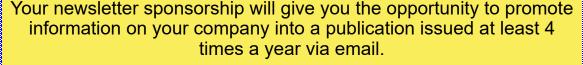




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If you would like to place a sponsorship, please contact Melissa Mata at melm@arcproductsinc.com or Alison Nally at

Alisonnally@essentialingredients.com

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