



Ohio Valley Chapter of the Society of Cosmetic Chemists

February Meeting Wednesday, February 15, 2012

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The Montgomery Inn Boathouse
925 Riverside Drive
Cincinnati, Ohio 45202
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5:30pm–6:30pm: Cocktail Hour
6:30pm–9:00pm: Dinner/Talks

Perspectives on the Ethnic Hair Care Industry

Presented by:

Charles Moses and Regan Tillou
Croda, Inc.

Please join us in celebrating Black History Month as Charles and Regan share their combined 35+ years of experience in the cosmetic industry to provide perspectives on a variety of ethnic hair topics.

Registration Information

Please Register by: 2/13/12

Members	\$40
Non-members	\$50
Students	Free

Register at www.ovscc.org



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Presentation Outline

Charles and Regan will provide perspectives on the following:

*Ethnic Market Overview

- African and African/American*
- Hispanic*
- South American and Caribbean*

*Hair Types and Ethnic Hair Care

- Facts about Ethnic Hair*
- Variables within Ethnic Hair*

*Ethnic Hair Care Trends

- Extensions of Well Established Brands*
- Heavily Influenced by Celebrities*

*Market Size and Market Growth

- Significant Market and Growing Faster than Average*
- Ethnic Consumer Spends More per Person*

*Types of Products

- Perms & Relaxers*
- Maintenance Products*

*Recent Consumer and Legislative Concerns

- Brazilian Hair Straighteners and Formaldehyde Issues*
- Product Safety versus New Product Innovation/Backroom Products*

Join us February 15, 2012
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Speaker Bios



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Charles Moses is the Applications and Technical Specialist – Ethnic Products and Hair Color for Croda Inc. Charles previously held the title of Director of Hair Color for L’Oreal where he oversaw global development of new product launches. Prior to that, he worked for Conair, as Director of Hair Color, and Clairol in a variety of roles within research and development.

Regan Tillou is the Marketing Manager – Hair Care for Croda Inc., where she is responsible for Croda’s interests in the hair care market. She joined Croda in September of 2008 as a Sales Representative responsible for the export of Personal Care and Health Care products into Latin America and Europe.

Regan has been in the Personal Care industry for eight years. She started her career with L’Oreal as a Development Chemist in Clark, NJ and also spent two years working as an Engineer for L’Oreal in France. Regan holds a Bachelors degree in Chemical Engineering from Cornell University.

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Bulletins from the Board



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OVSCC Members,

Happy New Year! I am looking forward to the position of Chair for this year. It is a bit of 'd  ja vu' for me since I served in this position back in 2001.

Through the efforts of all the SCC Chapters we support a great industry. I have worked in the industry for Manufacturers and Distributor/Agents for over 35 years. I can remember my first job working in Technical Services doing salt curves on the betaines that the company was promoting at the time. With that same company I worked in for production for over 5 months during a plant strike. Ultimately, I wound up in a sales position which I continue to this day.

As the world and our industry continue to evolve, it is important that our Chapter continues to flourish. We had lost some our membership in the current member renewal process. I am sure some of this has been due to natural attrition and maybe some to a delay in getting the renewal forms back to National. If you have not renewed your membership I ask that you do so as soon as possible. If you know of anyone in your organization that might be interested in becoming a member please invite them to an upcoming meeting. The SCC has several different types of memberships available for individuals that have interest in joining.

One of my main goals is to grow our Chapter membership and attendance at our meetings. I would like to thank several of our current members in stepping up to assist in this effort. If anyone has an interest in assisting our Chapter please contact any of the current Board members.

See you all at our February Meeting.

**Joe Jenzio
OVSCC Chair 2012**



2012 Issue 1

Continuing Education

cGMP's FOR COSMETICS

Instructed by Joseph Albanese and Susan Freije
February 15, 2012
Sheraton Newark Airport

IMAGING TECHNOLOGIES AND IMAGE ANALYSIS TECHNIQUES FOR PERSONAL CARE

Instructed by Roger McMullen, Ph.D.
February 23, 2012
Sheraton Newark Airport

SILICONE CHEMISTRY

Instructed by Tony O'Lenick
March 6, 2012
Sheraton Newark Airport

PRACTICAL BASICS AND THEORY IN EMULSION TECHNOLOGY

Instructed by John Carson
March 21, 2012
Sheraton Newark Airport



HAIR CONDITIONERS AND HAIR TREATMENTS

Instructed by Colleen Rocafort
April 3, 2012
Sheraton Newark Airport

BASIC SKIN CARE FOR THE COSMETIC CHEMIST

Instructed by Randy Wickett, Ph.D.
April 3, 2012
Sheraton Newark Airport

ADVANCED SKIN CARE

Instructed by Randy Wickett, Ph.D.
April 4, 2012
Sheraton Newark Airport





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2011 Golf Outing

On October 4th, 2011 the 13th Annual OVSCC Golf Outing was held at The Twin Oaks Golf and Plantation Club in Covington, Kentucky. We had a fantastic turnout and we couldn't have asked for a better day! I already put in a request for a mulligan for next year! A very special thanks goes out to all of this years' sponsors! As always, we achieved an overwhelming response to benefit the scholarship fund with over, an **AMAZING, five thousand dollars** being raised this year! We couldn't have done it without your help and it is very much appreciated.! Thank you so much!!!

We look forward to seeing you all again this year!

Julie Moser

Golf Outing Organizer / OVSCC Webmaster

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Advice to the Lab Lorn

"Advice to the Lab Lorn" is intended to offer advice, pertinent information or maybe just solace, for confusing, challenging or downright murderous issues facing SCC members in their labs. Send us your questions at lablorn@caliscc.org and we'll track down an authority or two and get back to you in the next offering of the Lab Lorn. We won't publish your name for all to see. Your secrets are safe with us.

John Garruto – President, Free Radical Technology – Editor

Q. We have a moisturizer formula that is made with a glucoside-based liquid crystal emulsifier that requires homogenization to correctly process the emulsion. Our contract manufacturer does not possess a homogenizer. Aside from changing manufacturers or the formula, do you have any recommendations for an alternate method?

A. Let's look at a typical emulsion (o/w) based on traditional ethoxylated emulsifiers. We typically heat both the aqueous and lipid phases to the proper processing temperature (generally 75-85°C). The lipid phase is then added to the aqueous phase and the product is mixed and cooled according to the batching procedure. When working with glucoside-based emulsifiers, the initial processing is roughly the same. The batch temperature after phase introduction is approximately 75-80°C and there is very little hydrogen bonding at this point. We then normally apply some form of high shear mixing to the emulsion to reduce particle size and to insure stability. The batch is then cooled and mixing should be done slowly* with very little shear to insure the orderly formation and distribution of liquid crystals comprised of both long chain fatty alcohol and spherical micelles.

One technique that we have employed successfully without the addition of high shear or homogenization is to add the water phase slowly to the oil phase of glucoside-based emulsion systems. Thus, these emulsions that normally, at room temperature, have an HLB of approximately 12 now have an HLB of somewhere in the vicinity of 5. They want to form water-in-oil (w/o) emulsions and in fact, do. As the emulsion cools, hydrogen bonding and HLB increases. There is a temperature, the Phase Inversion Temperature (PIT), at which the emulsion now inverts from w/o to o/w emulsion. When this occurs, the particle size will decrease and the distribution of these particles narrows. Both conditions make for an aesthetically acceptable, stable emulsion.

Naturally, you will need to verify the procedure in your own lab. This method may not work with all glucoside-based emulsions. You should perform all the usual stability testing to insure that the phase inversion process is acceptable for your product.

*One of the most commonly occurring processing problems that I have encountered over the years with liquid crystal emulsion systems is the application of rapid mixing or high shear forces below a process temperature of about 60°C. High Shear agitation below this temperature can disrupt the orderly formation of liquid crystals and the resulting emulsion may exhibit a lower viscosity and a greater propensity for instability.

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OVSCC Newsletter Changes Guard

Please join me in sending a big THANK YOU to Brandon Lane, for his patience, dedication and tireless effort over the last five years as the OVSCC Newsletter Editor. Even though he decided to hang up his keyboard, he has been kind enough to offer great guidance to me as I have put together my first newsletter. I hope I will be able to fill his shoes and continue to deliver a quality, informative newsletter that you will continue to want to read.


THANK YOU BRANDON!

So, you have a new newsletter editor. I'm very excited to hold this role within the OVSCC. It is a great way to get to interact with all of you and expand my horizons within the cosmetic industry. I'm a chemist by education and have worked at Procter & Gamble for 15 years. I work in Regulatory and recently moved out of P&G's Beauty Care group in to the world of household cleaners. While I am enjoying learning about TSCA regulations, I ask you to please, PLEASE help me keep my ties to the cosmetic industry!

My journey as your Newsletter Editor begins with this issue. I look forward to hearing your feedback, input, comments, criticisms and kudos. I'll be looking for "meat" to add to the pages of each new issue so please send event updates, articles, pictures and tidbits that you'd like to share with the group. This is our newsletter – let's make it great!

Sincerely,
Debi Hillebrand

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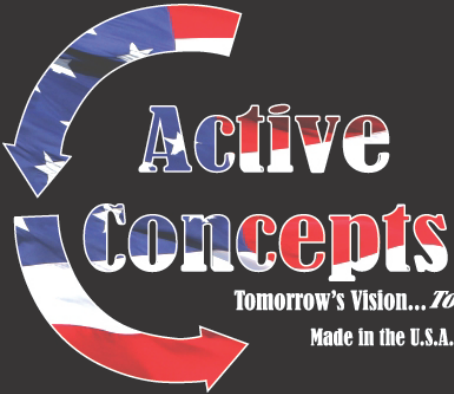
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In closing...

The Ohio Valley Chapter Newsletter is published in February, April, September and November prior to each chapter meeting. Questions concerning the newsletter content should be directed to the Newsletter Editor. For information on paid advertising please contact our Business Manager.

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