

SCC

SOCIETY OF COSMETIC CHEMISTS

THE SOUTHEAST CHAPTER



Volume XXXIII, Number 1

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Southeast Chapter March Scientific Meeting

Speaker: Tony O'Lenick – SilTech

Wednesday, March 18, 2015

**Location: The Chattanooga Hotel
1201 Broad St.**

Chattanooga, TN 37402

to reserve a hotel room: call (423) 424-3760

5:30 pm to 6:30 pm - Registration / Cocktails

6:30 pm to 7:30 pm - Dinner

7:30 pm Speaker presentation

\$45 SCC Chapter member

\$55 non-SCC member

RSVP by noon, March 16th to Paul Allen

(901) 320-2252 or e-mail: paul.allen1@bayer.com



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Message from the Southeast Chair

The Southeast Chapter officers and Chair for 2015 welcome all of our chapter friends and colleagues for another fun filled and exciting year. Your officers have already lined up the 2015 dinner presentations which will be both interesting and educational. Lisa Sloan has been kind to continue to orchestrate our meetings in Memphis, and Dennis Abbeduto is coordinating the March meeting in Chattanooga. Thank you both!

We will be hosting our Southeast Chapter's March meeting in Chattanooga on Wednesday, March 18th. This will help accommodate many of our Chapter members who live in the Chattanooga and Atlanta areas. The March meeting will be at The Chattanooga Hotel. Featured speaker for the meeting will be Tony O'Lenick, who is President and Co-Founder of SilTech LLC and also is the 2015 President of the Society of Cosmetic Chemists. Tony will be presenting on Functional Silicones and how it can be applied to our Personal care business. The SCC member's who attend the March 18th meeting will receive a copy of Tony's book '*Silicone Chemistry*'.

The evening's refreshments and cocktail hour bar is sponsored by Colonial Chemical. Thank you David Anderson for your continued support of the Southeast Chapter.

In 2015 we look forward to having lots of fun meetings and greeting our Southeast Chapter members and welcoming new members. Please encourage colleagues you know to join our chapter. We could not do it without all of your support from coming to the meetings, to being presenters and financial sponsors for our activities. Thank you so much for all you do.

I look forward to seeing you at our scientific dinner meeting on March 18th in Chattanooga.

Sincerely,
Jayesh Patel
SCC Southeast Chapter Chair



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Different Water Used in Cosmetic Formulating

by Perry Romanowski on 02/11/2015

There are a wide variety of water types that you can use when formulating cosmetics. Distilled, deionized, purified or tap water are all options for cosmetic formulators. Here is the difference between all of them.

Tap water – When you get the water right from the drinking fountain or city water supply, it's filled with a small amount of metal and mineral ions. Often this will not have any effect on your cosmetic formula but it can especially if you are using any soap based ingredient. Since you can't control the level of ions in a formula it's best to formulate with something that is a little better purified than tap water.

Distilled water – This is the oldest form of purifying water. In this process water is boiled in a still. The vapor is collected in a condenser and cooled to reform the water. Theoretically, it removes all traces of contaminants except those that boil at a temperature lower than water such as some alcohols. It also will absorb Carbon Dioxide from the air so the pH will typically be lower (pH 4.5 – 5.0).

Deionized water – This is water in which the non-water related ions have been removed. Tap water is usually filled with ions from the soil including sodium, calcium & magnesium plus metal ions from the pipes such as iron and copper. It is deionized by sending it through an ion exchange column which is a tube that contains a resin which will selectively bind with ions in water. Ionized water goes in and deionized water comes out. This process doesn't remove organic contaminants, viruses or bacteria.

Continued on page 5.



Continued from page 4.

Demineralized water – This water is sent through an ion exchange process. It's pretty much the same thing as deionized water. There really is no difference when it comes to formulating cosmetics.

Ultra Pure water – When you want just pure H₂O this is what you want. The water is first demineralized then it is sent through an [electrodeionization process](#). This is great for electronics and pharmaceuticals. It's probably over-kill for cosmetics.

There you have it, all the different water you might use when making cosmetic formulas. It's important to note that whatever water you use if you are making a cosmetic the only proper way to list it is on the ingredient list is **WATER**.



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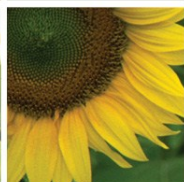
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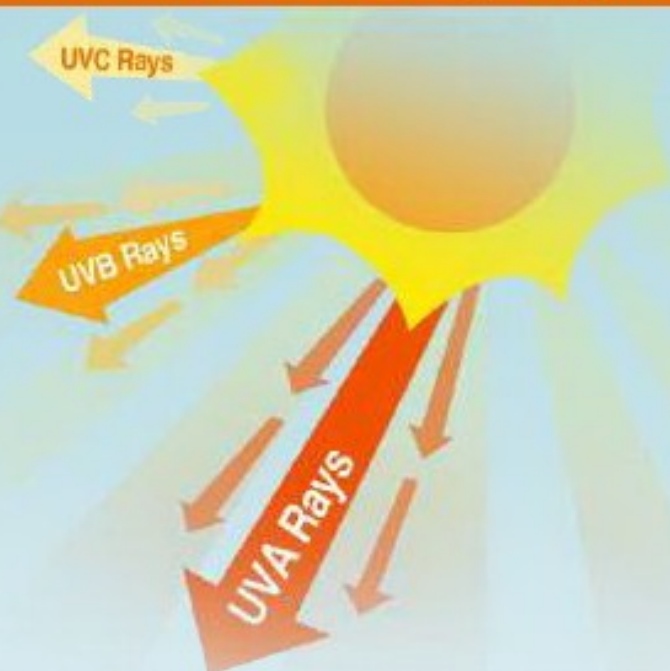
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Florida Chapter Society of Cosmetic Chemist 2015 Sunscreen Symposium



CALL FOR PAPERS

The Next Horizon of Sun Care Innovation & Global Regulatory Requirements

September 16th – 18th 2015
Disney Yacht Club, Orlando Florida

Authors are invited to submit titles and abstracts of no more than 150 words for papers to be presented in podium format. Submission deadline January 31, 2015. All topics related to Cosmetic Science will be considered for presentation.

All abstracts including photo and bio must be submitted to FLSCCSUN@gmail.com

- Jan. 31, 2015 - Deadline for Abstract Submission – Include Photo and Bio
- March 1, 2015 - Presenters/Author Notified
- May 1, 2015 - Presentation Agenda Finalized
- June 1, 2015 - Preprints, Author Bios & Abstract (min 200 word, max 2 pages including figures)
- August 1, 2015 - Final Presentation Received by FL SCC Chapter
- Sept 16 -18th-2015 - Sunscreen Symposium Podium Presentation

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