



News



Chemico Plus and DCAC center organized a training course "Makeup-Lip Products" for publics on June 2, 2017 at CAHB center, Thailand. We provided knowledge on main ingredients used in lip products and how to prepare formulation of lipstick, liquid lipgloss, matte and non-transfer lip cream, and lip sleeping mask. Lab trials were also included.

Did you know?

Protecting the skin from photoaging using only high SPF products is not enough!

Solar radiation can cause photoaging and skin damages. In the past, only ultraviolet (UV) radiation was considered harmful to the skin. In fact, sunlight filtered through Earth's atmosphere to ground level composes of 50 % visible light (VL) and only 5 % UV with infrared (IR) making up the remaining 45 %.

Recent studies shown that photoaging and skin damages not only result from UV radiation, but also from longer wavelengths. IR is the long wavelength made up of IRA (700-1400 nm), (1400-3000 nm) and IRC (3000 nm-1 mm). IRA penetrates into the skin deeper than VL and UV reaching the hypodermis tissue, whereas longer wavelength IR is absorbed in the epidermis and responsible for increasing the skin temperature. IRA stimulates the expression of metalloproteinases that affects the formation of elastin and fibers. It also induces the production of TGF- β (Transforming Growth Factor Beta), IL-6 (Interleukin-6) and IL-12 (Interleukin-12) and causes solar elastosis and premature skin aging. Blue light or High-energy visible light (HEV, 400 nm - 500 nm) coming from electronic devices such as smartphones and computer screen can increase pigment production on the skin, including premature aging.

Therefore, to protect the skin from photoaging and skin damages, one should use skin care products that can provide a protection covering UV, IR and blue light.

Sources: 1. <http://www.skintherapyletter.com/2009/14.5/2.html>
2. <https://www.ncbi.nlm.nih.gov/pmc/article/PMC3834711/>

Events

August 2017

Date	Event/ Website
31 Jul-02 Aug	Daito Regional Seminar, CAHB center, Bangkok, Thailand
04-06 Aug	Food Pack Asia 2017, Khonkaen, Thailand http://www.foodpackthailand.com/food-pack-asia-khonkaen-en
09-11 Aug	MIFB (Malaysian International Food & Beverage Trade Fair), Kuala Lumpur, Malaysia http://mifb.com.my
09-12 Aug	Vietfood & Pro+Pack, Hochiminh City, Viet Nam http://www.foodexvietnam.com
17-21 Aug	Food Expo, Hong Kong/SAR, China http://www.mobogj.com
19-21 Aug	SIFCE (Shanghai Int'l Frozen and Chilled Food Exposition), Shanghai, China http://www.ffb2b.com/en
22-24 Aug	CAHB Customer Seminar at CAHB center, Bangkok, Thailand
24-26 Aug	BioFach Japan, Yokohama, Japan www.biofach.de
30 Aug-01 Sep	Natural & Organic Products Asia, Hong Kong/SAR, China http://naturalproducts.com.hk

Regulations

ASEAN sunscreen labeling guideline

- No claim should be made that implies:
 - 100% protection against UVA & UVB
 - That reapplication of the product is unnecessary e.g. whole day protection
 - "Sunblock"
 - "Waterproof" and "Sweatproof" claims (applicable only in Malaysia and Thailand)
- Warning statement:
 - Mandatory: Do not stay too long in the sun, even while using a sunscreen product.
 - Strongly recommended warning: Re-apply frequently to maintain protection, especially after sweating, swimming or toweling, the use of sunscreen is one way to reduce the dangers from sun exposure.
- Claims should be easily understood and unambiguous
- Claims of UV protection should not be made if SPF < 6
- The SPF level that is more than 50, it may be labeled as SPF 50+

Reference: 22 nd ACSB -Appendix 13-ASEAN sunscreen guidelines rev. 01

