

Due to the COVID-19 pandemic, consumers are aware about their overall health and are interested in products that boost immune health as well as the gut or digestive health. They know that the good microbes in the digestive system can support their immune system and overall health. Therefore, they desire the products that meet their requirement.



The kombucha is the fastest growth of functional beverage in the low or no alcohol sector. It is produced from the fermentation of black/green tea, sugar, bacteria and yeast. The important ingredient of kombucha production is "SCOBY (Symbiotic Culture of Bacteria and Yeast)" which is also called "tea mushroom or mother". It is a biofilm of cellulose formed by monosaccharide polymerization. And, it is a by-product of kombucha fermentation as well. The carbon dioxide, acid and alcohol are produced after fermentation. It is a slightly sweet, slightly sour and fizzy drink.

Microbial populations in a SCOBY may vary. The common yeast is Saccharomyces cerevisiae, and the bacteria almost always includes Gluconacetobacter xylinus to oxidize yeast-produced alcohols to organic acids and other acids such as acetic acid, gluconic acid, glucuronic acid, etc. These acids are good for our body's detoxification. Gluconic acid also support the growth of Bifidobacterium in the gut.

Kombucha drink may have several health benefits such as a source of probiotics, providing antioxidants, reducing heart disease risk, managing type 2 diabetes and cancer protection. However, it is not recommended for people who have immune deficiency, women who are pregnant or nursing and children under 4 years old.

References

- 1. https://en.wikipedia.org/wiki/Kombucha
- 2. https://www.foodnavigator.com/Article/2021/08/18/Kefir-and-kombucha-unbottled-Industry-experts-talk-gut-microbes-health-claims-and-bubbling-growth
- 3. https://www.foodnavigator.com/Article/2020/10/23/Kombucha-s-potential-reaches-beyond-millennials-in-France-Germany-UK
- 4. https://www.foodnavigator.com/Article/2020/10/30/Kombucha-s-potential-in-the-low-no-alcohol-category
- 5. https://www.healthline.com/nutrition/8-benefits-of-kombucha-tea
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CAHB The Innovation Hub of Food and Cosmetics Formulations The Check List of Documents Needed for Notification of Cosmetics Containing

"Oil or Hemp Seed Extract"

1. Certificate of analysis (COA)

It indicates THC amount contaminated in raw materials which is not exceeding 0.2 % w/w, and the documents must come from a certified laboratory. *In case of oral/intimate area products, analysis results of both THC and CBD in raw materials must be attached.

2. Labels on every side of sold product

The warning "Do not eat"*, "The product may cause allergies" and "If any abnormalities occur after use, discontinue using and consult a doctor or pharmacist."

3. Certificate from the Director of the Company to certify that

- Hemp seed oil or extract used in the cosmetic products is obtained from the source in Thailand and the contaminated THC amount is not exceeding 0.2 % w/w.
- Contaminated THC amount in the finished product does not exceed 0.2 % w/w, except Soft Gelatin Capsule and oral/intimate area products that must certify that contaminated THC amount in the finished product does not exceed 0.001 % w/w.
- Product properties are not described beyond the scope of cosmetics.

Note: The warning "Do not eat" must be displayed only on oil type products or soft gelatin capsule. Reference: www.fda.moph.go.th



Event/Website



Date

Event/Website

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LLL Lycored Webinar, Chemico Inter Corporation Co., Ltd., Thailand

September 2022

Date	Event/Website
07-10	Malaysia International Halal Showcase, Kuala Lumpur, Malaysia
	https://www.mihas.com.my/website/
08-09	Skin & Cosmetics, Stockholm, Sweden
	https://www.cantonfair.net/event/4161-skin-cosmetics
13-16	Foodex Saudi, Riyadh, Saudi Arabia
	https://www.foodexsaudiexpo.com/
14-15	Make Up in New York, New York, USA
	https://www.makeup-in.com/newyork/
14-16	Free from Food Asia, Bangkok, Thailand
	https://bangkok.freefromfoodexpo.com/
15-17	Cosmoprof CBE ASEAN, Bangkok, Thailand
	http://www.cosmoprofcbeasean.com/en-us/
15-17	China International Health Care Industry Exhibition (HCI), Guangzhou, China
	http://www.hciexpo.com/en/
20	Abyss Webinar, Chemico Myanmar Co., Ltd., Myanmar
21-22	in-cosmetics Latin America, São Paulo, Brazil
	https://www.in-cosmetics.com/latin-america/en-gb.html
21-23	InterCHARM Korea, Seoul, South Korea
	https://www.intercharmkorea.com/
22	CAHB Webinar – Home Care, Chemico Myanmar Co., Ltd., Myanmar
28	Abyss Webinar, Chemico Myanmar Co., Ltd., Myanmar
28	Beauty Trends & Innovations Conference, London, UK
	https://www.beautytrendsconference.com/
<mark>28-3</mark> 0	COSME - International Cosmetics Exhibition, Osaka, Japan
	https://www.cosme-week.jp/osaka/en-gb/about/ct.html





Seppic Webinar, Thailand

Chemico Inter Corporation Co., Ltd. in collaboration with Seppic Inc., France held a webinar entitled "REWIND of the Past for a Glam Future" on July 6, 2022. The webinar brought customers back to experience the cosmetic trends and the successful Seppic's formulas over the past decade. And, that could be the inspiration of new product developments that are still in demand.



Segens Webinar, Vietnam

Chemico Vietnam Co., Ltd. in collaboration with Segens SAS - our French supplier that has a strong expertise in the development and manufacturing of unique ingredients, held a webinar on July 7, 2022 with the title "Biomimicry Inspiration". Inspired by the title, the webinar introduced a series of unique ingredients developed from advanced technology that would bring out the perfect solutions for beauty care and cosmetics.



Momentive webinar, Thailand

Momentive Performance Materials Inc. in collaboration with Chemico Inter Corporation Co., Ltd., Thailand held a webinar entitled "Feel Your Taste SILSOFT™ Composer Emulsion – Splendid Customize Texturization" on July 19, 2022. The new silicone emulsifier which was PCHi 2022 award winner for Emulsifying and Stabilizing category was introduced. Several formulations with interesting textures featuring this raw material were presented as well.



NOF Webinar, Myanmar

NOF cooperation and Chori Co., Ltd. in collaboration with Chemico Myanmar Co., Ltd. held a webinar entitled "Introduction of Makeup Remover Formulas" on July 20, 2022. This webinar focused on makeup remover formulations, especially micellar water, cleansing gel and cleansing milk. Raw material information that used in makeup remover formulations was also presented.



Singha Park Chiangrai Webinar, Thailand

Singha Park Chiangrai Co., Ltd., Thailand in collaboration with Chemico Inter Corporation Co., Ltd., Thailand organized a webinar entitled "Tea and Business Opportunities" on July 6, 2022. The webinar provided tea and business opportunities, Singha Park in tea market, tea type and Singha Park tea as well as applications. The information is very useful in the development of new products in the field of dietary supplement, beverage, bakery, ice cream, protein shake, energy bar, etc.



CAHB-Food Webinar, Thailand

Chemico Asia Health and Beauty (CAHB) Center, a member of Chemico Group, Thailand organized a webinar entitled "Bakery, Snack & Confectionery Trends" on July 19, 2022. Bakery, Snack & Confectionery trends, market information and global market products as well as the related ingredients were presented.



CAHB Webinar, Jakarta Indonesia

PT. Kemiko Indonesia, Jakarta Indonesia together with Chemico Asia Health and Beauty (CAHB) Center, Thailand held a webinar entitled "How to Make Hair Care Product" on July 20, 2022. The webinar introduced criteria of formulation creation, traditional formulation structure and ingredient which bring out the perfect guideline for developing hair care formulation.



DCAC Webinar, Thailand

Daito Chemico Asia Color Cosmetics (DCAC) Center, a member of Chemico group, Thailand held a webinar for Academy entitled "Color in Cosmetics" on July 21, 2022. Attendants were lecturers, professors and students. Color theory, Type of colorant, Factor affecting color and Color matching were presented during the webinar.











