

**Did you know?**

**Which supplement may help protect you from COVID-19?**

The COVID-19 pandemic is the pandemic of coronavirus disease 2019 caused by Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) that can damage the lung functions and other organs such as coronary artery. That is the reason why global population tends to take care of their health and consume more dietary supplements to boost the immune system.

At present, some researches showed that foods and dietary supplements that contain micronutrients especially vitamins and minerals may help to improve the immune system and prevent infection and disease such as:

- Vitamin A has a critical role in enhancing immune function because of its anti-inflammation property.
- Vitamin B supports biochemical reactions in the immune system.
- Vitamin C is an effective antioxidant and very popular during this period.
- Vitamin D is known as vitamin from sunlight and should obtain supply to an adequate level during pandemic if we stay indoor all day.
- Vitamin E is also a key for a healthy immune system.
- Selenium plays an important role in the modulation of inflammatory response and cytokine production.
- Zinc is an important mineral for immune system to be antiviral and can reduce the duration of the common cold that is a coronavirus infection.
- Herbal extracts such as curcumin and medicinal mushroom (i.e. Cordycep, Lion's mane, Maitake, Shitake and Reishi)

However, there is no clinical studies to support that foods and dietary supplements can protect against COVID-19. Then, we should maintain hygiene, social distancing and change behavioral lifestyle such as getting enough sleep, taking healthy foods, limiting sugar consumption, taking right supplements, reducing dehydration in the body, moderating exercise and managing stress.

References:

1. <https://www.healthline.com/nutrition/immune-boosting-supplements#2.-Zinc>
2. [https://www.newswise.com/coronavirus/covid-19-are-supplements-best-for-a-strong-immune-system/?article\\_id=730699](https://www.newswise.com/coronavirus/covid-19-are-supplements-best-for-a-strong-immune-system/?article_id=730699)
3. <https://www.bangkokpost.com/life/social-and-lifestyle/1909270/covid-19-immunity-system-the-key-defence>
4. <https://www.nutraingredients.com/Article/2020/06/30/UK-government-No-evidence-to-support-taking-Vitamin-D-to-prevent-or-treat-COVID-19>
5. <https://www.nutraingredients.com/Article/2020/06/23/Evidence-review-Micronutrient-deficiencies-and-COVID-19>

**Events**

**August 2020**

Date	Event/Website
04 Aug	Momentive Webinar-Color Care, Chemico Philippines, Inc., The Philippines
05 Aug	Daito Webinar-Cool Formulation, PT. Chemico Surabaya, Indonesia
06 Aug	Daito Webinar-Mask Make, PT. Chemico Surabaya, Indonesia
06 Aug	Daito Webinar-Cool Formulation, PT. Kemiko Indonesia, Jakarta, Indonesia
07 Aug	Daito Webinar-Mask Make, PT. Kemiko Indonesia, Jakarta, Indonesia
11 Aug	Momentive Webinar-Hair Care, Chemico Philippines, Inc., The Philippines
12 Aug	Rahn Webinar-Skin Actives, Chemico Health and Beauty India Private Limited., India
17 Aug	NOF Webinar-Solutions with Covid 19, Chemico Health and Beauty India Private Limited., India
18 Aug	Momentive Webinar-Skin Care, Chemico Philippines, Inc., The Philippines
20 Aug	Momentive Webinar, Chemico Asia Pacific (M) Sdn. Bhd., Malaysia
20 Aug	BioChempro-Skin Actives, Chemico Health and Beauty India Private Limited., India (tentative)
25 Aug	Momentive Webinar-Sun Care, Chemico Philippines, Inc., The Philippines
25 Aug	DSM Seminar-Sunscreen and Skin Care Products, Chemico Vietnam Co., Ltd., Vietnam (tentative)
25 Aug	Clariant-Skin Actives, Chemico Health and Beauty India Private Limited., India (tentative)
02-04 Sep	International Health and Beauty Goods Expo, Tokyo Japan_ <a href="https://www.lifestyle-expo.jp/en-gb/about/hb.html">https://www.lifestyle-expo.jp/en-gb/about/hb.html</a>
06-08 Sep	International Conference on Soaps, Detergents & Cosmetics, Goa, India_ <a href="http://www.isdcconference.org/">http://www.isdcconference.org/</a>
09-10 Sep	International Private Label Show, Moscow, Russia_ <a href="https://www.ipls-russia.ru/en-gb.html">https://www.ipls-russia.ru/en-gb.html</a>
09-11 Sep	Health & Beauty Goods Expo Osaka, Japan_ <a href="https://www.lifestyle-expo-k.jp/en-gb/about/hb.html">https://www.lifestyle-expo-k.jp/en-gb/about/hb.html</a>
14-16 Sep	Engineering Cosmetics and Consumer Products Conference (On line) <a href="https://www.aiche.org/conferences/">https://www.aiche.org/conferences/</a>
22-23 Sep	Asia Skin Microbiome Congress, Singapore_ <a href="http://www.global-engage.com/event/skin-microbiome-asia/">http://www.global-engage.com/event/skin-microbiome-asia/</a>
23-25 Sep	InterCHARM Korea, Seoul, South Korea_ <a href="http://www.expobeauty.co.kr/">http://www.expobeauty.co.kr/</a>



Regulation

Thai Regulation for Use of Amino Acids as Active Ingredients in Food Supplements (Part 2)

The annex of active ingredients as amino acids in food supplements is as follows. This regulation came into force on October 19, 2006.

No	Name of variety of amino acids and their forms	Maximum level for recommended daily intake (mg)
1	L-threonine or DL-threonine	Not more than 3501 (calculated as L-threonine)
2	L-phenylalanine or DL-phenylalanine	Not more than 7001 (calculated as L-phenylalanine) or combined use with tyrosine group which the total amount shall not be more than 7001 (calculated as combination of L-phenylalanine and L-tyrosene)

Source: 1 World Health Organization, Technical Report Series 724 Energy and Protein Requirement. Report of a joint FAO/WHO/UNU Expert Consultation. Geneva 1985: 64-6.

Reference: www.fda.moph.go.th

To be continued next month.

News

Momentive Webinar, Surabaya, Indonesia

On July 1, 2020 Momentive Performance Materials Inc. in Collaboration with PT. Chemico Surabaya held a webinar entitled "Color Cosmetics Trends". In this moment, we introduced "Beauty Trends Made with Momentive Products", and the contents covered New Trend for Athleisure which is Makeup Trend for Active People, Health Aging with Momentive Ingredients for Blurring Effect for Aging Skin, Celebrate Diversity for South East Asian Trend with multifunctional ingredients that help create new texture for diverse customer base. Another trend is Minimalism that can minimize ingredients used in formulations, but can deliver a multitude of benefit from a single multifunctional ingredient with Momentive smart silicone technology.



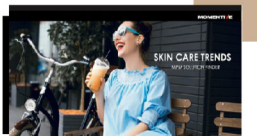
Rahn Webinar, India

Rahn AG in collaboration with Chemico Health and Beauty India Private Limited., India held a webinar on July 7, 2020 entitled "Liftonin for Alabaster-like Skin". The webinar presented information about the natural active ingredients, Liftonin Triology related to Covid-19 situation.



Momentive Webinar, Indonesia

On July 8, 2020 Momentive Performance Materials Inc. in Collaboration with PT. Chemico Surabaya and PT. Kemiko Indonesia held a webinar entitled "Skin Care Trends". In this moment, the webinar focused on the theme "Skin Care Beauty Trends Made Easy with Momentive"



Inabata Webinar, Malaysia

On July 8, 2020, Chemico Asia Pacific (M) Sdn. Bhd., Malaysia together with Inabata France and Inabata Thailand organized a webinar under the topic "Inabata: Discover the benefits of Inabata" for Malaysian customers. There were 37 participants from 24 companies joined the webinar. The main purposes of the webinar were to connect the customers to Inabata and to provide knowledge about the star products of Inabata to customers. The webinar started with introduction to Inabata portfolio, followed by France cosmetic trends; success stories in France; J-beauty concepts; share, green & clean beauty concepts, the rise of dermocosmetic concepts and the star products of Inabata.

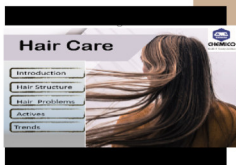


Webinar, India

Chemico Health and Beauty India Private Limited., India held a webinar with the theme "To Overcome COVID-19" on July 10, 2020.

The webinar started with the proposed solutions to overcome COVID-19 as follows:

1. To share the information of products with potential customers
  2. To share and accumulate basic hair care knowledge from the suppliers, Clariant AG and Biomax Si&F New Material Co.,Ltd.
  3. To share hair problems and solutions using the suppliers' ingredients and the latest market trends.
  4. To exchange smile to cheer up each other.
- The webinar was then followed by the detailed information about ranges of products from Clariant and Biomax as well as suggested formulations.



## News

### B Natural Webinar, Thailand

B Natural srl, Italy in collaboration with Chemico Inter Corporation Co., Ltd. jointly organized a webinar entitled "M.E.D.® Propolis" on July 14, 2020. The webinar provided B Natural's story, propolis origin, B Natural's value (M.E.D. Technology, B Natural Quality Inside, Scientific Approach) and examples of finished products which can help in the development of new products in food and dietary supplement.



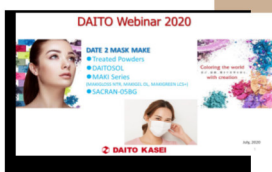
### Daito Webinar, Thailand

Daito Kasei Kogyo Co., Ltd., Japan in collaboration with Chemico Inter Corporation Co., Ltd. held a webinar entitled "Cool Formulations" on July 14, 2020. The seminar started with the introduction to the cosmetic products in the market with cool concepts. It was then followed by Daito guide formulations which gave very cool textures.



### Daito Webinar, Thailand

Daito Kasei Kogyo Co., Ltd., Japan in collaboration with Chemico Inter Corporation Co., Ltd. held the second Daito's webinar entitled "Mask Make" on July 21, 2020. The seminar started with the change in cosmetic trends and the situation of cosmetic sales in Japan due to COVID-19 pandemic. And under this condition, the so called "Mask Make" concepts were created. Daito has also demonstrated some commercial products and the guide formulations containing their ingredients related to "Mask Make" concepts.



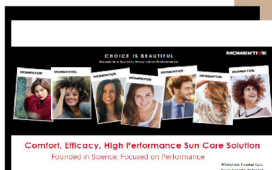
### Chakra We Care Webinar, Thailand

Chakra We Care Resources Sdn Bhd, Malaysia in collaboration with Chemico Inter Corporation Co., Ltd. jointly organized a webinar entitled "Immune Formulation 200® (The Guardian of the Cell)" on July 21, 2020. The webinar provided glutathione & its importance, Immune Formulation 200®, comparison between Immune Formulation 200® and other glutathione products, research studies and market products which can help in the development of new products in food and dietary supplement.



### Momentive Webinar, Surabaya

On July 22, 2020, Momentive Performance Materials Inc. in collaboration with PT. Chemico Surabaya, Surabaya and PT. Kemiko Indonesia, Jakarta held a webinar entitled "Comfort, Efficacy, High Performance Sun Care Solution". The webinar introduced sunscreen market, new trend and market peep of sun care products with skincare benefits such as anti-aging, dark spot treatment, anti-pollutant, sun care for allergenic skin, etc. Other topics included were how to formulate stable sun care formulations with refreshing feel, non-greasy, water-resistant and sweet-proof?, SPF boosting products and also how to add other benefits to sun care products such as sensory improvement, soft-focus effect and long-lasting sun protection using Momentive products?



### Momentive Webinar, Surabaya

On July 29, 2020, Momentive Performance Materials Inc. in collaboration with PT. Chemico Surabaya, Surabaya and PT. Kemiko Indonesia, Jakarta held a webinar entitled "Hair Care Trend". In this moment, the webinar introduced hair care beauty trends and market peep products, how to formulate hair care products based on current trends using Momentive ingredients which could offer damage protections and hair repair thereby promoting hair health. With smart silicones from Momentive that deliver multitude of benefit from a single ingredient, hair care formulations could be minimized. The presentation also included clean beauty focused on safety and performance of products from Momentive. Last but not least, the products to preserve water for sustainability which was water management to conserve fresh water to build an eco-friendly environment were also presented.

