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# Volume III

Issue 1

## C<sup>3</sup> Science

Chemistry, Cleaning and Care

# COVER STORY

Future of the Home Care Industry  
- Post Covid 19



The Indian Home & Personal Care  
Industry Association

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Indian Home & Personal Care Industry Association  
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## EDITOR'S NOTE

The COVID-19 pandemic is a crisis that has affected everyone around the globe. Various articles have been published in the past weeks on the environmental causes and the environmental impacts of the COVID-19 pandemic. This issue has therefore attempted a special focus on this important issue and we have listed relevant information, research, data and/or press releases issued by our partners in Geneva and other institutions around the world.

As mentioned by the UN Secretary General in his call for solidarity, he said that the world is facing a global health crisis unlike any in the 75-year history of the United Nations – one that is spreading human suffering, infecting the global economy and upending people's lives. He also added saying that we must ensure that lessons are learned and that this crisis provides a watershed moment for health emergency preparedness and for investment in critical 21st century public services and the effective delivery of global public goods.

This article on Covid-19 and the Environment, besides providing general information on this pandemic and its prevention also provides links to important information on Chemicals and Waste Management, Plastics and reusable items, Exposures to hazardous substances, Impact on biodiversity and wild life, air pollution, Climate Action, Greening Economies, Sustainable Finances, Water and Sanitation and Ocean and Blue Economy.

Besides, the issue also presents an important article by our founder director of IHPCIA Mr. Sanjay Trivedi on "The Future of the Home Care Industry Post Covid-19, which he had discussed in his guest column in the Chemical Engineering World, June issue of 2020.

The other regular features on Regulations, Packaging, Patents, Sustainability, Global and Local News provide important information on various happening during past quarter.

# 6<sup>th</sup> ISDC

6th International Convention on Soaps Detergents and Cosmetics

Changing Dynamics – Sustainable Growth and Business Challenges



7th - 8th June, 2021



Goa, venue to be announced soon.



# COVER STORY

## Future of the Home Care Industry - Post Covid 19

*Sanjay Trivedi*

*Director, Indian Home and Personal Care Industry Association Chariman, Trivedi Groupe*

The Corona Virus (COVID 19) which originated from Wuhan China in December 2019 has resulted in a global pandemic effecting over 188 countries and close to 7 million people. The impact of the virus has caused countries to recalibrate their operations through regulatory measures which include lock downs and circuit breakers resulting in economic slowdown and growth hovering in the negative zone.

In India, Hon'ble Prime Minister announced the first lock down on March 23, 2020 with immediate closure of all activities excluding supply of essential goods. This 14-day lock down has been extended by staged lock downs to over 60 days with several states announcing closure till end June 2020.

The home care industry, which makes essential products like soaps, cleaners, sanitizers, and disinfectants has been impacted adversely with resumption of activities to around 50% in early June 2020. The small-scale sector has been hit the hardest with challenges of logistics and supply chain management despite a robust demand for end products. The unforeseen movement of migrant workers has also caused major disruptions and business is expected to operate under a new normal where automation of processes, digital supply chains and e-commerce are now the new buzz words.

The clarion call by Hon'ble Prime Minister for Atmanirbhar Bharat in tandem with Swatch and Swastha Bharat coupled with fiscal stimulus is expected to create Indian brands for the world. However, the challenges of doing business have compounded and many small-scale industries will close or consolidate to large economies of scale. The new normal will require a change in the way of doing business with an increased focus on liquids and concentrated products which use less minerals and fillers, use less water and are energy efficient. The use of plastics and the impact on the environment will see stricter rules and regulations in their use and disposal. The focus will shift from cost to performance of end products combined with logistics for delivery of products across the country. Standards will need to be rewritten and chemicals management will see a revised focus on making of green products which are more sustainable.

India with a large and young population does provide the growth drivers but the approach toward Atmanirbharta (Self-reliance) will need to be moderated with realism, pragmatism instead of protectionism, on open free trade economy instead of import controls. We will need to regulate imports from bordering countries to provide an impetus to local industry, but we have a long wish list before us. Our infrastructure overhaul is a prerequisite. Regulations will need to be reduced. The ease of doing business will need to be demonstrated.

The new normal will require a change in the way of doing business with an increased focus on liquids and concentrated products which use less minerals and fillers, less water and are energy efficient. The focus will shift from cost to performance of end products combined with logistics for delivery of products across the country. Standards will need to be rewritten and chemicals management will see a revised focus on making of green products which are more sustainable.

*Source: Guest column published in chemical engineering world June 2020*

- Formulating Antimicrobial Hard Surface Cleaners, Bryan Parrish, The Clorox Company
  - Product targets, formulation development and product testing
- Recent Chemical Developments, Owen Caine, HCPA
  - Ingredient communication and 1,4-dioxane

Third Series: Wednesday, September 23 from 1:00-3:00 pm ET

- Fragrancing Cleaning Products, Joseph Brian, International Flavors & Fragrances
  - Technical aspects and trend considerations
- Preservatives in the Cleaning Products Industry, Mrudula Srikanth, The Clorox Company, and Jeff Can Komen, The Procter & Gamble Company
  - Why preservatives are needed in cleaning products and where we are going as an industry with preservatives

Source: *Happi.com July 27, 2020*

## Silab Earns Platinum Medal from Ecovadis for social responsibility

EcoVadis awarded Silab the Platinum medal for its social responsibility efforts. With a score of 73/100 in four areas (environment, social and human rights, ethics and responsible procurement), Silab, which achieved Gold certification for four consecutive years, has this year climbed up into the top 1% of the companies awarded the Platinum medal.

"Our independence gives us the strategic autonomy necessary to express innovation at every level of activity, while integrating nature in each stage of our product development. We do everything we can to define sustainable strategies appropriate to environmental and biodiversity protection. We are proud and delighted to receive this distinction today, the result of an active commitment by all our staff, who are strongly involved in this eco-attitude," said Xavier Gaillard, managing director for strategy, Silab.

The company massively invests to promote water and energy savings, while implementing a very strict zero waste policy. In the same way, Silab takes care of the wellbeing and the fulfilment of its staff, a particular focus that is demonstrated at various levels: personalized welcome of new employees, commitment to gender equality, actions by the health and safety team, continuous staff training, and so on. One of the notable initiatives carried out in 2019 was the involvement of the staff in environmental action, like participating to World Clean-up Day for example.

All the company's actions are detailed in a report available on its website. Published every year, this document sets out Silab's main sustainable achievements in terms of innovation and strategy, supply, environmental protection, social policy and sharing of values.

Source: *Happi.com July 27, 2020*

## Isoparaffin Market Heats Up

Thanks to its multifunctionality, demand for cosmetic isoparaffins will grow nearly 5% a year through 2027, according to a new study by Coherent Market Insights (CMR). Due to its wax-like texture, C13-14 isoparaffin is used to thicken a variety of cosmetics. Cosmetic isoparaffins have applications in wide range of products for hair care, skin care, lip care, antiperspirants & deodorants, sun care, and color cosmetics, among others. According to CMR, cosmetic isoparaffins are gaining traction due to rising awareness regarding hygiene and increasing demand for beauty and personal care products such as shampoos, conditioners, body lotions and cleansers among others.

The market research firm concludes that the cosmetic isoparaffins market is expected to witness significant growth during the forecast period, owing to its applications such as solvent, emollient, and skin conditioning agents. Isoparaffins are commonly used in cosmetic and personal care products such as hairsprays, mascara, eyeliner, eyeshadow, cleaning creams, hand lotion, body lotion, foundation, hair conditioner, makeup remover, and others.

# GLOBAL NEWS

## Firmenich Launches 'Re|Generation'

Firmenich has launched "Re|Generation," which it describes as a global call-to-action that embraces the radical optimism of change and examines how it will shape the future of the industry, engaging with the fragrance community, customers, consumers, artists and influencers.

"The time for a new dialogue is now, which is even more important as we navigate the current unprecedented global events," said Jerry Vittoria, President, Fine Fragrance Worldwide. "It's the right time for seeking new solutions, sparking new emotions, fueling new desires and capturing the imagination of our customers and consumers alike. Re|Generation invites us to work together to innovate, rejuvenate and drive the transformation of Fine Fragrance."

A new Re|Generation website invites talent, customers and consumers to join the conversation of leaders and disruptors in this movement, according to Firmenich.

Over the next few months, Firmenich will address how it can:

- Rethink its relationship to history, environment, materials, ourselves and others
- Reengage through perfumery to fulfill people's new aspirations
- Reimagine a path that leads towards new positivity and a renewable future
- Recreate positive emotions to embrace nature and society

Firmenich Fine Fragrance's two programs, Mind, Nose + Matter and Olfactive Design, will focus on Re|Generation and bring additional insights and visions to light. In September, Mind Nose + Matter will share insights, trends and vision to provide a clear understanding of today's consumers. Later this Fall, Olfactive Design will feature a collaboration with world-renowned arts and design college Central Saint Martins to radically reimagine fragrance experiences for tomorrow's world, said Firmenich.

Source: *Happi.com July 28, 2020*

## Cleaning Intermediates Webinar Series

The Household & Commercial Product Association (HCPA) is pleased to announce its Cleaning Intermediates webinar series with sessions on September 9, 16 and 23.

This series, which is designed by HCPA's Cleaning Products Division Education Committee and led by industry experts, provides participants with a deeper understanding of ingredient selection and the issues related to the optimal development of sustainable cleaning products.

Attendees will better understand not only the individual components of formulations, but also the need for these ingredients to work in concert. The series is a must-attend for experienced researchers, technicians, managers, technical services representatives, and sales professionals specializing in household and industrial cleaning markets, according to HCPA.

First Series: Wednesday, September 9 from 1:00-3:00 pm ET

- Introduction, Bryan Parrish, The Clorox Company
- Advanced Fabric Care, Mark Ventura, Church & Dwight
  - Laundry detergents, household fabric softeners and polymers for fabric care application
- Advanced Hard Surface Cleaning Products, Marcos Alonso, Stepan Company
  - Solvents in cleaners and formulating acidic and alkaline cleaners

Second Series: Wednesday, September 16 from 1:00-3:00 pm ET

- Advanced Dishwashing Products, Scott Baker, Dow
  - Formulating manual dishwashing liquid
  - Formulating automatic dishwashing detergents, boosters and rise aids

According to CMR, the global color cosmetics market was valued at \$62.3 billion in 2016 and is expected to reach \$90.1 billion by 2025. Since cosmetic isoparaffins are widely used in the manufacture of color cosmetic products, it is expected to gain steady demand during the forecast period. CMR estimates that the the global cosmetic ingredients market was valued at \$16.7 billion in 2018 and is expected to reach \$23.8 billion by the end of 2027, for a CAGR of 3.9% during the forecast period (2019 to 2027). This increasing demand for cosmetic ingredients is expected to drive growth of the global cosmetic isoparaffins market during the forecast period.

According to Coherent Market Insights' analysis, the cosmetic isoparaffins market is expected to exhibit a CAGR of 7.1% in terms of volume during the forecast period (2020-2027). This growth is attributed to the rapidly growing cosmetics ingredients sector in Asia Pacific. According to the International Trade Administration (ITA), US Department of Commerce, the beauty and personal care (BPC) industry in India was valued at \$8 billion in 2016 and it is expected to exhibit a CAGR of 5-6% during the forecast period (2017-2021). Increasing awareness about grooming among people is fueling growth of the cosmetic industry, which in turn is driving the cosmetic isoparaffins market growth. For instance, according to the US Department of Commerce, International Trade Administration (ITA), in South Korea, men used 13.3 grooming products on an average per month in 2015, which includes 3.6% of skin care and 1.2% of cleansing products, which is expected to increase over the forecast period.

*Source: Happi.com July 26, 2020*

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## GC3 Seeks Input on Silicones

The Green Chemistry & Commerce Council (GC3) is working to advance the development of more sustainable alternatives to silicone chemistry currently used in skin care, hair care, and cosmetic products. To ensure the work is a current reflection of market needs and priorities, GC3 is asking manufacturers of cosmetics, skin care and hair care products to complete a simple 2-question survey.

The Green Chemistry Council is a multi-stakeholder collaborative focused on driving adoption of green chemistry across all sectors and supply chains. Members include large and small chemical manufacturers, formulators, brands and retailers. GC3 runs several projects and programs to advance green chemistry through the supply chain. One effort is the GC3 Silicones Collaborative Innovation Project designed to engage the supply chain in clarifying and defining the needs and priorities of more sustainable replacements to current silicone chemistry.

The GC3 Silicones Project is developing a specifications document to inform the development of new ingredients by both new and existing solution providers. Due to the complexity of the effort, the focus is narrowed to skin care, hair care and cosmetic products for this initial effort. GC3 anticipates expanding to other sectors in the future if there is member interest.

GC3 is seeking as broad a representation from cosmetics and personal care product companies as possible, so respondents need not be GC3 members. Any company that responds to the survey will receive access to the results. All results will be blinded and compiled by GC3, and company name will not be attributed to responses. Surveys should be completed by August 5 for blinding and compilation.

*Source: Happi.com July 16, 2020*

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## Micellar Water for Hair? Neutrogena Debuts Scalp Care Line

Johnson & Johnson-owned Neutrogena has debuted a hair care line, which purports to bring 'the science of skin care' to the category.

Neutrogena Health Scalp was developed via an in-house collaboration between Neutrogena and Vogue International and was inspired by the 'skinification' of hair care. The collection comprises four products that will chime with skin care fans – a shampoo and conditioner duo formulated with hyaluronic acid, an exfoliator for oily scalps, micellar water for sensitive scalps and hydrating treatment for dry scalps.

"Neutrogena first entered the haircare market 40 years ago with our Anti-Residue Shampoo, a clarifying shampoo which continues to be beloved by people all around the world," said Kerry Sullivan, General Manager, Neutrogena. "I'm proud our new Neutrogena Healthy Scalp Collection will continue to expand our haircare offerings to consumers as we understand a healthy scalp is just as important as healthy skin."

"We know 78 percent of consumers believe haircare is just as important as skincare," added Hanan Wajih, Senior Marketing Director North America, Vogue International. "The team at Vogue, in partnership with Neutrogena, has been working on this line for two years to bring coveted skincare ingredients such as Hyaluronic Acid, Micellar water, and tea tree oil to scalp and haircare – ultimately delivering healthy scalp and hair-care gentle enough for every day use."

The collection will be sold via Walmart through December 2020 with a wider roll out anticipated from January 2021.

As consumers increasingly expect products to promote scalp health as well as strand health, brands such as Neutrogena have spotted an opportunity to leverage their reputation in the skin care arena to expand in the category.

*Source: GlobalCosmeticNews.com July 27, 2020*

## Hindustan Unilever Q2: Sales and Profit up as Hygiene Demand Soars

Hindustan Unilever has announced its results for the second quarter of fiscal 2020. The manufacturer of recently rebranded skin care line Glow & Lovely saw sales swell 4 percent while organic revenue dropped a better-than-expected 7 percent year-on-year in the three months to June 30th.

Net profit was up 7 percent on last year's equivalent results to Rs1,881 crores, and some 80 percent of brands made market share gains over rivals Nestle and Colgate-Palmolive over the period to boot, Reuters reports.

"Our performance in the quarter has been resilient and reflective of the intrinsic strength of our portfolio, agility in operations, excellence in execution, purpose-driven leadership and our strong balance sheet," Sanjiv Mehta, Chairman and Managing Director commented. "I take this opportunity to acknowledge the superlative efforts of thousands of our people in our factories and sales organization who have worked with a higher purpose of ensuring availability of essential products to the citizens of our country in these extremely challenging times. While constraints continue due to restrictions in several parts of the country and the near-term demand outlook remains uncertain, we remain well positioned to drive competitive, profitable, and responsible growth. The long-term structural opportunity of FMCG in India also remains intact."

Hindustan Unilever attributed the more buoyant results to high demand for health, nutrition and hygiene products, which Hindustan Unilever's brand portfolio is well equipped to meet. Skin cleansing, led by Lifebuoy, delivered strong double-digit growth, in particular and the company has significantly upped capacities in hand wash and sanitizer to meet consumer need.

*Source: GlobalCosmeticNews.com July 27, 2020*

## Alpyn Beauty Goes Plastic Neutral

Jackson Hole-based clean beauty brand, Alpyn Beauty, is now certified Plastic Neutral with rePurpose Global.

Alpyn Beauty has partnered with rePurpose Global to fund the collection, processing and reuse of an equivalent amount of ocean-bound plastic waste to its footprint. A percentage of every product purchase will be donated to plastic reduction efforts, enabling the removal of low-value plastic waste otherwise landfilled, burned, or flushed into the oceans every year.

By making this commitment, every Alpyn Beauty purchase will now carry a Net Zero Plastic Footprint.



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"We've made steps to remain a sustainable, earth-friendly brand since day one, so this partnership was a natural evolution for us. The amount of plastic waste that goes into the environment daily is devastating, and we believe this is a step in the right direction," said Albyn Beauty founder, Kendra Butler. "While Albyn uses 100% recycled glass bottles and jars, we have yet to find a suitable alternative to the plastic caps and pumps that help deliver and preserve our wildcrafted formulas. Therefore, we are excited to launch this new initiative with rePurpose to celebrate a plastic-free July—and beyond."

Source: *Happinews July 1, 2020*

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## ACI Launches Healthy Returns

As communities across the nation begin the reopening process stemming from the coronavirus (COVID-19) pandemic, the American Cleaning Institute (ACI) announced the roll-out of Healthy Returns, a free online toolkit for small businesses and offices containing concise, easy to understand reminders on hygiene, cleaning and disinfecting that are crucial to keeping the workplace healthy and safe.

The guidance and checklists are adapted from public health recommendations for businesses to ensure a safe and successful reopening, as well as to reinforce confidence among the workforce and customers through effective cleaning and disinfecting best practices.

The toolkit includes resources such as checklists to help guide internal assessments; posters and handouts to encourage and educate employees on proper disinfecting protocols in shared spaces; and decals for businesses to display reinforcing their dedication to cleanliness and health.

"For years, the American Cleaning Institute has been dedicated to sharing information on the safe and proper use of cleaning and hygiene products," said Melissa Hockstad, ACI President & CEO. "As businesses and offices gradually reopen in stages during the global pandemic, we want to provide them with the tools they need to help guide their daily cleaning and hygiene routines. We know it's important to show their employees and their customers that they are committed to proper cleaning, hygiene and health."

While Healthy Returns is currently focused on supporting the reopening process for businesses, the program will also launch key guidance on cleaning and disinfecting protocols for schools that plan to re-open later in the year.

More info: <https://cleaninginstitute.org/healthyreturns>

Source: *Happinews July 1, 2020*

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## IPSA Acquires Stake in Divabox

Interparfums SA (IPSA) has signed a strategic agreement and equity investment with Divabox, owner of the Origines-parfums e-commerce platform for beauty products, under which IPSA will acquire 25% of Divabox's capital through a reserved capital increase.

As a website of reference for all selective fragrance brands, Origines-parfums is a key French player in the online beauty market recognized for its customer relationship expertise.

For IPSA, this agreement will enhance the introduction of dedicated fragrance lines and products designed to address a specific consumer demand for this distribution channel and accelerate IPSA's digital development.

For Origines-parfums, the agreement will provide the resources it needs to strengthen its existing organization and raise its online visibility to support its development in France and in Europe.

Jean Madar, Chairman & CEO of Inter Parfums Inc. commented, "With online sales for perfumes and cosmetics growing every year, a trend that has been accelerated by the health crisis, IPSA has been on the lookout for an opportunity to integrate an e-retail dimension since 2019. This partnership fits perfectly with this strategy."

"Our goal is to exceed the milestone of €100 million (\$112.3 million) in sales and become a European e-commerce leader for perfumes and cosmetics," added Jean Philippe de Peretti, chairman and CEO of Divabox. "This partnership with IPSA provide us with substantial operational and financial resources to maintain the pace of our strong growth."

*Source: Happinews July 1, 2020*

## EO Brings Back Masks and Sanitizer

Due to increased demand, the limited edition EO x Onzie Better Together Set, complete with an EO-exclusive mask print and the brand's French Lavender Hand Sanitizer Spray, is back after selling out in just five hours.

Whether consumers are looking to dine at restaurants or they are simply hoping to go on their weekly grocery store run, the hunt for a comfortable face mask is a top priority.

The EO mask is available for purchase on EOproducts.com in a bundle with EO's French Lavender Hand Sanitizer Spray for \$16.99. It's made of a multi-layer fabric with Full Flex Spandex technology for the exterior and a high-performance inner lining with elastic straps. The masks can be used on their own for protection or as a cover for an N95 and filtered masks.

All proceeds from the masks will go toward supporting the Center for Disaster Philanthropy and EO will likewise be donating a bottle of hand sanitizer to a front-line worker for each mask that is sold.

*Source: Happinews June 30,2020*

## L'oreal to Propose New CEO Candidate by Autumn, Says Agon

L'Oréal's current CEO and Chairman Jean-Paul Agon has said that he expects the group's nomination committee to have announced a new candidate to succeed him by this Autumn, according to a report by Reuters.

Speaking at a shareholder meeting, Agon announced that the board had already recommended that the new candidate come from inside the company.

Agon, who has been CEO since 2006, stated the handover would take place next year, with the exec handing over the reins before his 65th birthday in July.

While the succession may be happening at a difficult time for the French cosmetics giant, as it grapples with the ongoing fallout of COVID-19, Agon sounded confident of the group's internal talent.

He said, "The board estimated that L'Oréal had enough resources internally to find very high quality candidates, so the governance and nomination committees are working on that."

Nicolas Hieronimus, head of the luxury division, has been lauded as a top contender for the role.

*Source: Globalcosmeticnews.com July 2,2020*

## Coty Acquires 20 Percent Interest in KKW Beauty

Coty and Kim Kardashian West have announced that they have entered into a strategic transaction to further develop Kardashian West's beauty business, KKW Beauty, globally. To that end, Coty has purchased a 20 percent stake in the brand for US\$200 million.

Together Coty and Kardashian West will focus on entering new beauty categories and global expansion beyond her existing product lines. Kardashian West and her team will lead creative efforts in terms of product and communications initiatives.

Peter Harf, Coty Chairman and Chief Executive Officer, added, "Kim is a true modern-day global icon. She is a visionary, an entrepreneur, a mother, a philanthropist, and through social media has an unparalleled ability to connect with people around the world. This influence, combined with Coty's leadership and deep expertise in prestige beauty will allow us to achieve the full potential of her brands."

Kim Kardashian West commented: "Partnering with an established organization like Coty will be instrumental in the advancement of my brands as their global reach allows for faster expansion so people around the world are able to experience new launches first hand. This relationship will allow me to focus on the creative elements that I'm so passionate about while benefiting from the incredible resources of Coty, and launching my products around the world."

The transaction is described as 'another step in Coty's renewed emphasis on its beauty business and ongoing transformation into a more agile, focused company'.

Source: *Globalcosmeticnews.com July 1,2020*

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## Emerging trends in beauty & cosmetic industry amid COVID-19

While it is not clear to anyone when the impact of coronavirus (Covid-19) will come to a halt, the fear over personal hygiene and the possibility of another pandemic will continue to reverberate. Hence, it presents a great opportunity for Asia-Pacific (APAC) brands to innovate in terms of new marketing strategies and product designs for the beauty and grooming products.

Here are the key trends shaping up the beauty industry that are going to affect the production, marketing strategies and sales of goods in the APAC amid Covid-19.

### Protective personal care on the rise

Covid-19 is impacting the consumer behavior with regards to purchasing cosmetic & toiletries products. The brands are witnessing an increase in the demand of protective personal care products and consumers are willing to accept brands that depict evidence of adequacy and safety, both from a health and environmental perspective.

According to GlobalData Covid-19 data, 43% Australians, 74% Chinese and 82% Indians expect brands to provide tips on personal health and wellbeing. With respect to the price range, about 51% Australians, 64% Chinese and 48% Indians prefer beauty products in the middle to premium price range. Besides, the consumers in APAC are more hygiene-focused now and are looking to mitigate the risks involved in the exposure to health challenges.

### Skincare products high in demand

Covid-19 is a stimulant towards this functionality innovation, with brands facing more pressure to convey safety, longevity and product efficacy. During the initial stage of outbreak of Covid-19, consumers were implementing 'protect and prevent' approach in the personal care sector. As per the GlobalData's Covid-19 data 17% Australians, 47% Chinese and 47% Indians are stocking personal hygiene products.

Preventative categories such as soap, hand sanitizers and wet wipes are gaining demand from the WHO hand hygiene guidelines. As a ripple effect, skincare products such as hand creams and moisturizers are also expected to be affected with frequent hand washing seeing a greater demand for hand care products. Therefore, product manufacturers have the opportunity to create products that can fulfill various consumer needs such as antibacterial moisturizer, sprays.

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### Beauty from home is the new norm

The closure of non-essential business has created a disruption in the beauty industry and the consumers are now looking for online beauty home treatments. The beauty brands can exploit this opportunity to renovate their online offerings, to offer e-consultation services and invest in right technology such as chatbots and augmented/virtual reality as more consumers seek beauty advice from the comfort of their home.

GlobalData's Covid-19 Survey Data shows that 66% Chinese, and 56% Indians have started spending more time browsing social media since the COVID-19 outbreak and more than 50% of Chinese and Indian consumers are of the same view that they are spending more time reading online product reviews and trends.

#### Touchless format packaging

With growing obsession of hygiene, cleanliness and immunity among consumers and their anxiety, the prevention of germs and other contaminants is driving the demand for safer products with higher integrity. Beauty products that are packaged in ways that reduces risks of contamination and offer long shelf life are high in demand by the consumers. The brands can gain the increased consumers' confidence by employing touchless formats such as stick and spray setup and mentor them with tips and tricks to cleanse cosmetic products.

Source: <http://www.retail4growth.com/>

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## Johnson & Johnson ends talc sales in North America following 'misinformation' regarding product safety

Johnson & Johnson has announced it is to stop sales of talc products in the U.S. and Canada after 'misinformation' has led to a slump in demand.

The personal care giant highlighted a fall in sales amidst lowered consumer confidence due to allegations over the safety of the products.

Johnson & Johnson stated that it "remains steadfastly confident in the safety of talc-based Johnson's Baby Powder" due to "decades of scientific research", however, the removal from the North American market comes as a part of a wider move to discontinue 100 products due to manufacturing disruption caused by COVID-19.

The company stated, "Demand for talc-based Johnson's Baby Powder in North America has been declining due in large part to changes in consumer habits and fuelled by misinformation around the safety of the product and a constant barrage of litigation advertising."

Johnson & Johnson has been beleaguered with more than 16,000 lawsuits surrounding its talc products, with some experts stating the company has stopped sales of the talc amidst the COVID-19 pandemic in a bid to draw less attention to the development, therefore saving its reputation.

Christie Nordhielm, a Professor of Marketing at Georgetown, told Sky.com, "It's a nice time to quietly do it. It will minimise the reputational hit."

Source: *GlobalCosmetic New May 22, 2020*

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## RB commits £1 million to vulnerable communities in the Middle East

As part of our fight to make access to hygiene, wellness and nourishment a right and not a privilege, RB is pledging £1 million to the International Rescue Committee's (IRC) response to the COVID-19 pandemic, providing lifesaving programmes for the world's most vulnerable communities.

Through our Fight for Access Fund, we will support:

- The IRC's front-line COVID-19 response in refugee and vulnerable communities in Lebanon, Jordan and Syria; and
- The IRC's Crisis Response Fund, a dedicated fund which supports emergency COVID-19 interventions across 40 countries.

During this unprecedented era, medical care, WASH and hygiene interventions, shelter and continuation of services for vulnerable communities are more critical than ever before. This funding will enable the IRC to reach approximately 13,000 people with vital health services in Jordan and Syria and economic recovery and child education and protection programmes in Lebanon; it will also support the IRC to rapidly detect, respond to and prevent further transmission of the disease in other countries where it operates.

In March, we launched our Fight for Access Fund which is, and will be, a demonstration of our commitment to protect, heal and nurture in the relentless pursuit of a cleaner, healthier world. To deliver on commitment we have:

- Set aside the equivalent of one per cent of adjusted operating profit each year to this Fund
- Committed over £40 million to benefit communities consistent with our purpose
- Reinvested a further £10 million of COVID-19 cost savings in support of local initiatives

Bart Meermans, SVP Health Africa/ Middle East / Turkey, RB, commented: "Access to high-quality hygiene should be available to all, particularly at this critical time. Improving access for the most vulnerable communities, and living our purpose, is why we created our Fight for Access Fund. Supporting the IRC's lifesaving work on the frontline of the most pressing humanitarian disasters and healthcare emergencies is a clear demonstration of our purpose and fight in action."

*Source: Press Release Company website May 20, 2020*

## **Dettol donates 40,000 products to support HSE in the fight against COVID-19**

Dettol, Ireland's leading disinfectant brand\*, has today pledged its support to the HSE in the fight against the Covid-19 pandemic in Ireland with a donation of 40,000 Dettol antibacterial products over the next 12 weeks.

The Dettol antibacterial products will be distributed to hospitals and health service facilities and sites around the country with the aim of helping to keep these environments hygienically clean.

Speaking of the initiative, Paul Reid, CEO, HSE, said; 'We are grateful to Reckitt Benckiser and Dettol for their significant donation to the HSE and the Irish public. The HSE has had massive support from business, communities, social groups and individuals since the start of this crisis and for this we are hugely thankful.'

Speaking of the initiative, William O'Brien, Country Manager Ireland at RB, said; "We want to extend our warmest and heartfelt thanks to all of those who have been working extremely hard, for exceptionally long hours, under extremely challenging circumstances to protect the nation against this virus and save lives. We are delighted to provide extra support to the HSE at this time and hope that this will help the HSE in fighting the pandemic in Ireland. I know everyone at RB feels privileged and indeed proud to work for a company that is playing its part, however small, in this fight."

Echoing the donation made to the HSE, Dettol is calling on the Irish public to continue their efforts in the fight against Covid-19

*Source: Press Release Company Website May 14, 2020*

## **Amorepacific targets personalised cosmetics market with rationale investment**

Amorepacific has announced it has acquired a minority stake in luxury Australian skincare brand Rationale, in a move which will expand its foothold in the personalised cosmetics market – one of its future R&D priorities.

As part of the partnership Amorepacific has secured an advisory role and voting rights on the Rationale Board of Directors, and will 'fully support and assist' Rationale's global expansion plans, with a focus on South Korea, the UK, the US, Hong Kong and Singapore by 2025.

The partnership is also expected to help Amorepacific secure a local production base in Australia and 'strengthen its retail network, which will in turn provide a solid foundation for its operations in Oceania.'

With Rationale offering products and services for personalized skincare regimens determined through skin testing and analysis, Amorepacific is looking to expand its offering into new areas through the investment.

Saehong Ahn, Amorepacific President, said, "With a truly shared innovation vision, Rationale and Amorepacific will take personalized skincare solutions to a new level. Amorepacific will continue to look into M&A and partnerships with promising companies and secure opportunities for future growth."

Source: *GlobalCosmetic New May 22, 2020*

## Henkel climate change goals approved by science based targets initiative

Henkel has announced that its science-based emission reduction targets have been approved by the Science Based Targets initiative (SBTi) as being in line with levels required to meet the goals of the Paris Agreement.

Aiming to become climate positive by 2040, Henkel's targets include reducing scope 1 and 2 greenhouse gas emissions 67 percent per ton of product by 2030 from a 2017 base year, committing to increase annual sourcing of renewable electricity from 6 percent in 2017 to 100 percent by 2030, and reduce scope 3 greenhouse gas emissions from purchased goods and services by 30 percent per ton of product by 2030.

Talking about the approval from SBTi, which is a collaboration between CDP, the United Nations Global Compact, World Resources Institute (WRI) and the World Wide Fund for Nature (WWF), Uwe Bergmann, Head of Sustainability Management at Henkel, said the company "fully supports the commitment of the United Nations' Paris Agreement on climate change."

The company also plans to reduce the carbon footprint of its production by 65 percent by 2025 and 75 percent by 2030 from a 2010 base year.

Likewise, it is aiming to convert all remaining fossil fuels used in production to climate-neutral alternatives while supplying surplus carbon-neutral energy to third parties.

Talking about the emission targets, Bergmann says, "By 2040, we want to become a climate-positive company. Based on our long-term goals, we derived specific emission reduction targets which were assessed against scientific best practice and confirmed to support the goal to limit global warming to 1.5°C."

Source: *GlobalCosmetic New May 22, 2020*

## Sephora announces 'measured' approach to U.S. store re-openings

Sephora has announced it is to take a 'measured and supportive' approach to its U.S. store re-openings, which will begin on 22nd May as part of a phased strategy.

The beauty retail giant will initially reopen 70 stores across 13 states, with new Sephora Health & Hygiene Guidelines to be a main focus.

Sephora is said to have spent the past nine weeks developing the new safety and client service protocols, which are designed to 'protect employees and clients while safely and confidently providing support, expert advice and a welcoming experience for all.'

Taking to a press release, Jean-André Rougeot, President and CEO of Sephora Americas, said, "While the retail environment will feel different and many factors will remain out of our hands, we've learned to embrace what we can control. We are taking an intentionally measured and phased approach to reopening, putting the priority on the health and safety of our communities."

Measures include social distancing, deep cleaning and enhanced hygiene measures, the suspension of in-store services or product testing, disposable face masks for customers, and an extended returns policy.

Going forward Sephora has stated it will evaluate each further store opening based on "local government and health guidance before making a decision."

As beauty retail begins heralding a new era amidst the COVID-19 pandemic, many companies such as Ulta and Sephora are placing the emphasis on new in-store social distancing and hygiene policies in order to gain consumer confidence.

Rougeot continued, "As we gradually reopen our stores over the next few months, we have taken great care in how we welcome back our employees and our clients. We are grateful for our clients' support the past two months, and we want to safeguard the experience for those who want to return to stores. We will follow guidance from the CDC, government and health authorities in tandem with extensive supplemental safety measures, to formalize our new Sephora Health & Hygiene Guidelines, that safeguard the instore shopping experience."

*Source: GlobalCosmetic New May 21, 2020*

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## Croda Personal Care Launches its New Colour Forecast for Spring/Summer 2021 with the Tech Blur Trend

Global speciality chemical company Croda, is delighted to unveil its 'TechBlur' trend that meets the new and exciting colour forecast for Spring/Summer 2021.

TechBlur is a look to the future and shows how the rapid evolution of the digital space offers escapism and opportunities for self-expression, blurring technology with reality. As the boundaries of digital space and our everyday lives start to come apart, we indulge in new virtual playgrounds and it becomes a place for experimentation. 'TechBlur', which showcases the latest colour trends for S/S 2021 shows how Croda has taken inspiration from this trend for Colour Cosmetics and created some exciting new formulations that thrive on the confident use of colour. This includes not only bold and daring palettes, but also subtle shimmer and sparkle.

Croda has captured the essence of 'TechBlur' in a series of exciting new formulations using Moonshine™ Effect Pigments alongside other Croda, Sederma and Crodarom ingredients. These include a jelly highlighter, liquid eyeshadows, a lip gloss and multi-beauty sticks.

First launched in 2018, Croda's range of borosilicate-based Moonshine Effect Pigments consists of five effect pigment series that offer the opportunity to create striking visual effects in formulation of not only colour cosmetics, but many other applications including skin care, sun care and hair care.

*Source: Company Press Release May 21, 2020*

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## Acts of Kindness Across the World

### SUSTAINABILITY

22 May 2020

Croda International Plc, which use smart science to create, make and sell speciality chemicals that improve lives, is continuing to see colleagues at manufacturing sites in all regions supporting local communities during the Covid-19 pandemic.

Croda's manufacturing sites are tailoring their support to meet local needs through the company's Acts of Kindness Initiative. The level of creativity shown by the company to get to the heart of what is needed by communities is impressive. Initiatives include:

- the donation of a tablet to a care home to help residents to keep in touch with families via video call, donations of PPE to ambulance drivers and hydroalcoholic solution to fire departments, hospitals, schools and the 23 retirement homes in Lozère, France, all by Crodarom, the company's experts in botanical extracts;
- communities around the company's manufacturing site in Hull, UK are benefiting from some creative Acts of Kindness. New craft items and dementia activities are entertaining residents of a local care home who are unable to receive visitors. Plants, seeds and children's activities have been donated to the children in a local women's refuge and PPE sent to local nursing homes and hostels as well as donations to a local food bank and toiletries and other essentials to a local homeless charity;
- Croda's manufacturing site in Mevisa, Spain, has chosen to work alongside the local Red Cross to support older people who are living in isolation, as well as donating PPE to the local oncology hospital. Over the next few weeks, they will also be supporting local families with food baskets;

- Croda Singapore is supporting migrant workers who are currently in quarantine with donated food hampers; and
- Incotec Holambra, in Brazil, is providing PPE for medical staff, as well as a heart monitor for an ambulance serving the local community. They have also bought food and household materials for families in the community who have been impacted by Covid-19. Incotec sites at Enkhuizen, in the Netherlands, and Salinas in North America, are supporting local foodbanks, which are seeing an increase in users due to the pandemic.

In addition to its Acts of Kindness initiatives, the company has gifted vaccine adjuvants to research institutions developing vaccinations for the virus, gifted excipients to projects working on trial medication for Covid-19, and is providing, free of charge, enough glycerine to make five million\* bottles of hand sanitiser.

*Source: Company Press Release May 22, 2020*

## Japan lipstick sales fall as PPE masks become essential item

Lipstick sales in Japan dropped 22.2 percent in March YOY, according to a household expenditure survey conducted by the Ministry of Internal Affairs and Communications' Statistics Bureau.

With consumers now wearing masks due to the COVID-19 pandemic, it is thought beauty purchases are being made only for essential items.

According to a report by Mainichi, drugstore operator Ohga Pharmacy stated that while sales of foundation, blusher and eye make-up saw a 20 percent drop, lipstick sales plunged 50 percent, with a 60 percent fall in April.

Shindo said, "Consumers now are apparently buying only what they need, and that seems to apply to makeup, too."

As the coronavirus prevention measures become the new normal across the globe, more countries are recommending the use of face masks to help prevent the spread of the virus – a move which is now clearly being felt across the beauty industry as lipstick sales start to plummet.

*Source: Global Cosmetic News May 21, 2020*

## Unilever launches 14-day mental wellbeing resilience programme

Unilever has created a mental wellbeing programme for its global workforce, according to a report published by Employee Benefits.

The Anglo Dutch FMCG giant's 14-day initiative is designed to increase employee engagement, will be led by EVP of Hair Care, Jean-Laurent Ingles, and uses tools designed by the Resilience Research Centre.

"This resilience training programme was first launched by our hair care brand Clear, in response to the coronavirus outbreak. The very early stages of the pandemic were first experienced in Asia, where Clear is a market leader, and the team there quickly recognised the hugely negative impact coronavirus can have on our mental wellbeing," Ingles told Employee Benefits.

Launched to coincide with Mental Health Awareness Week 2020, the programme is designed to help employees struggling with mental health issues, which have been caused or exacerbated due to the COVID-19 outbreak.

*Source: Global Cosmetic News May 20, 2020*



## Unilever to provide hygiene kits to uber drivers

Unilever International has teamed up with taxi service Uber to provide hygiene kits for drivers and couriers in the UK.

Part of a new partnership between the ride-hailing and delivery platform and the Anglo-Dutch FMCG giant, the project is set to be rolled out to further countries across Europe, the Middle East and Africa in due course.

"As some countries around the world look to slowly ease out of lockdown, safe transportation will play a crucial role as we move into a new normal," Alan Jope, CEO, Unilever, commented.

"As people venture out, we must collectively ensure that health and safety remains the absolute priority. We're pleased that by partnering with Uber and providing our trusted hygiene products, Unilever is able to keep drivers, couriers and riders as safe as possible.

The kits are one of a number of safety measures being rolled out by Uber aimed at keeping drivers and passengers safe.

*Source: Global Cosmetic News May 19, 2020*

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## COVID-19's Impact on HI&I

**Consumers' perception of cleaning routines has shifted dramatically and it will have a dramatic impact on marketers and suppliers to the global household and industrial and institutional (HI&I) markets in the years ahead.**

In a blog on its site, BASF notes how sales of cleaning products are soaring and show no signs of slowing even as economies around the world open up.

As BASF notes, before COVID-19, a family might have let a container of wipes languish in a cupboard for months. Now they're wiping everything down multiple times per day, and monitoring online availability so they can purchase more as soon as shelves restock. The hockey stick growth seen in the wipes category in Q1 may not be sustainable, but it's likely not going to experience a compensatory drop.

The liquid laundry detergent category is perhaps one of the more surprising growth categories, according to BASF. With many workers swapping professional clothing for sweatpants (and hoping for audio-only conference calls), a drop in the category during the COVID-19 quarantine would have been reasonable. And yet, the overall trend toward cleaning more often and more thoroughly has more than offset the sudden loyalty to sweatpants. BASF reasons that consumers are filling the detergent load line to the max even if it's a partial load, or using two pods instead of one. If they've been away from home, they're dropping exposed clothes directly into a tub of detergent and water when they return. According to BASF, certain elements of this trend are likely to continue as consumers elevate their standards of cleaning for the foreseeable future.

*Source: HAPPI News May 21, 2020*

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## New Mineral SPF from EleVen by Venus Williams

Venus Williams has rolled out a new clean, reef-safe SPF under her EleVen by Venus Williams brand. The pair of mineral formulas are said to melt into any skin tone without leaving behind a chalky finish and are exclusive to Credo.

Williams partnered with Credo Beauty and The Sunscreen Company on the formulations, which were designed to complement her activewear brand that features UPF 50 technology.

The range includes On-the-Defense Sunscreen SPF 30 and Unrivaled Sun Serum SPF 35; each has 25% zinc oxide and skin care ingredients.

The On-The-Defense Sunscreen tube is made from 40% PCR material and is recyclable through Credo's in-store Terracycle program, and the Unrivaled Sun Serum bottle is made from glass and is recyclable. The outer boxes are made of 100% recycled paper and printed with soy-based ink and recyclable.

Source: HAPPI News May 21, 2020

## Amyris Launches Talc-Free Formula

The race to roll out talc-free baby care formulas is on, and Amyris is the first company out of the starting gate. Amyris Inc., a synthetic biotechnology company and supplier of sustainable and natural ingredients, has rolled out "Baby Cream to Powder" under its Pipette baby brand.

This safe, talc-free alternative to baby powder goes on as an easy-to-apply cream to prevent and treat diaper rash and irritation and transforms into a silky powder on skin, eliminating the risk of powder inhalation. The announcement by Amyris comes on the heels of news that Johnson & Johnson will stop selling talcum-based baby powder in North America amidst questions about its product safety.

"Our Baby Cream to Powder addresses parents' concerns by eliminating dust, mess and irritation commonly associated with traditional powders," said Caroline Hadfield, president of Pipette. "Our goal is to deliver innovative, best performing and safest, non-toxic alternative sustainable products that will help parents, babies, and families."

As with all Pipette products, 100% sugarcane-derived squalane is a main ingredient in Baby Cream to Powder, offering weightless hydration, and antioxidant-rich mango seed butter helps restore the skin's natural balance. The creamy format makes it easy to apply in those hard to reach baby rolls or along the diaper line.

Pipette's Baby Cream to Powder is EWG Verified, Leaping Bunny Approved, dermatologist tested, pediatrician approved, hypoallergenic, non-toxic, vegan, and synthetic fragrance-free.

Source: HAPPI News May 21, 2020

## ACI Debuts 'Discover Clean' Campaign

The American Cleaning Institute rolled out its new Discover Clean initiative, which will feature updated insights and information on cleaning products across ACI's social media channels.

"In the wake of the COVID-19 pandemic, millions of people are using cleaning and hygiene products more than ever," said Melissa Hockstad, ACI President and CEO. "Through ACI's 'Discover Clean' campaign, we want to enhance consumer insights into how products and ingredients work and the safety and science behind product formulation."

The weekly #DiscoverClean posts will be featured on ACI's Facebook, Instagram and Twitter channels. This campaign is designed to provide consumers with reliable information and useful tips on soaps, hand sanitizers, fabric care products, cleaning products and disinfectants that they use safely and effectively every single day.

"As an industry, we are committed to creating an environment of understanding," added Hockstad. "We want to maintain and build confidence in the products people depend on every day to play a vital role in protecting their health and enhancing their overall wellbeing."

Source: HAPPI News May 13, 2020

## INDIAN NEWS

### As lockdown eases, beauty and cosmetics segment on recovery mode

The beauty and cosmetics segment is now on a recovery mode, post the disruptions caused by the pandemic.

According to Nielsen, with the majority of people confined to their houses, cosmetics and beauty segments were "de-prioritised" during the lockdown period and categories such as deodorants, hair colour and skincare witnessed significant slowdown in offtake. However, these categories saw a sharp bounce back in June, with the easing of lockdown.

#### Bouncing back

Kavita Angre, Director, Consumer & Market Insights & Media, L'Oréal India, said consumers' strong appetite for beauty products remains intact. "We have always maintained that what we are experiencing is more of a supply side crisis than a demand crisis. We anticipate, consumers will come back to the essential beauty categories as the economy opens up. In fact 80 per cent of consumers surveyed by L'Oréal India said they will continue to colour their hair despite reduced out-of-home occasions," she added.

Prasun Basu, President-South Asia Zone, Nielsen Global Connect, said consumers are getting used to the new normal and want to use their beauty products as they are fed up with the restricted lifestyle. In addition, sales were aided by trade channels opening up in June leading to more stores remaining open for longer hours. Basu said both these factors on the supply and demand side have contributed to the sharp recovery in these categories.

#### Gaining momentum

Jayant Khosla, Managing Director, VLCC Healthcare Ltd, said facial kits and sunscreen range, besides hand sanitisers and hand washes, have been the lead sellers for the company in the past few weeks. "As lockdown rules gradually eased across the country from June onwards, there has been a corresponding uptick in the sale of our range of personal care products. There has been a gain in momentum in July though pre-Covid numbers are still to be crossed. We are expecting a reasonable growth in numbers this quarter. It is only going to improve from here on," he added.

Besides opening up of trade channels, e-commerce channel has also been a key sales driver for beauty and cosmetic products.

Direct selling company Amway India said its beauty portfolio, under brands Attitude and Artistry, has shown revival. Ajay Khanna, CMO, Amway India, said, "We have witnessed a surge in the demand for products in our beauty and personal care categories in June. In the initial lockdown phase, consumer purchases were skewed more towards essential items, but now we are expecting demand in other categories, including beauty & personal care, and we expect the demand to gain further momentum in the coming months and are looking to introduce new products."

Source: *TheHinduBusinessLine.com* July 19, 2020

### Marico fully acquires men's grooming startup Beardo

Marico has now fully acquired Beardo, a startup company which operates into the men's grooming market, by buying 55 percent additional shares, a move which will help FMCG firm to extend its play into the segment. Marico has acquired the remaining 55 percent share of Zed Lifestyle, Beardo's parent firm, in an all-cash deal, making a step-down company.

"The investment makes the investee company (Zed Lifestyle) a wholly-owned subsidiary of Marico Ltd and gives Marico a complete control over the operations of the investee company," said Marico in a regulatory filing.

Confirming the move, Venture Catalysts (VCats), an integrated incubator and accelerator platform, also announced a complete exit from Zed Lifestyle after the acquisition of its portfolio company Beardo by Marico.

"Sensing the tremendous potential in the segment, Marico acquired an additional 55 percent equity share in Beardo's parent company Zed Lifestyle Pvt Ltd earlier this week," said a statement from VCats.

Marico had made an investment in the company in March 2017, which was equivalent to 45 percent of the issued and paid-up share capital of Zed Lifestyle.

Beardo, which sells beard oils, beard waxes, soaps, and other products for men's facial hair, had a turnover of Rs 78.49 crore in FY 2019-20.

Founded by Ashutosh Valani and Priyank Shah in 2015, Beardo is one of VCats' earliest bets.

Source: *Indiaretailing.com* July 2, 2020

## Azelis highlights India's pandemic-driven demand for 'clean' skin care products

Whereas the choice in India has been shifting in direction of clear and sustainable merchandise for some time now, the agency believes this development will develop at a extra fast fee attributable to COVID-19.

"The COVID-19 pandemic and the collection of pure and local weather hazards that marked the start of the yr, fuelled folks's consideration towards defending themselves, their household, and the planet," mentioned Jacqueline Hoe, Azelis Asia Pacific enterprise growth supervisor private care.

The Belgium-based firm believes there shall be extra deal with skincare as well being and wellness come into play.

"Skincare merchandise shall be an important focus for patrons to assist them protect the health and beauty of their pores and skin as stay-at-home led to elevated stress, setting adjustments and weight loss plan shifts, inflicting pores and skin disruption," mentioned Hoe.

She added that manufacturers would wish to maintain well being and wellness in thoughts as they roll out new merchandise into the market.

That is very true for India, which has deep-rooted perception in Ayurveda.

"India has an vital magnificence and private care heritage based mostly on intensive data of plant-based," mentioned Aparna Khurana, managing director, Azelis India.

"Merchandise utilizing these elements will proceed to rise, particularly in an period throughout which persons are searching for authenticity. This excessive curiosity in clean-based merchandise might hasten the shift towards pure magnificence."

On high of this, manufacturers should guarantee new launches can seize consideration within the on-line market, which is enjoying an growing function at the moment as folks assume twice earlier than leaving the protection of their houses.

"New launches should be placing to face out and catch folks's consideration – a novel texture, a seizing look, an revolutionary ingredient, or a brand new software might be methods to achieve out to the viewers," mentioned Hoe.

On the identical time, the extremely aggressive market means firms should overcome difficult limitations, mentioned Khurana.

"Gamers should stand out by providing revolutionary, environment friendly, but accessible merchandise."

### Advantageous partnership

In mild of this, the corporate has just lately prolonged its partnership with Micro Powders Inc (MPI) to distribute its merchandise in India.

The partnership between Azelis and MPI is a continuation of their decade's lengthy partnership within the European market.

In India, the 2 firms beforehand collaborated within the area of Coatings, Adhesives, Sealants and Elastomers (CASE).

The US agency produces speciality micronised waxes designed to boost the aesthetics of beauty formulations. Azelis believes its vary meets the market demand for pure and natural merchandise options.

"By distributing MPI merchandise within the expansive India magnificence and private care market, we broaden Azelis' portfolio whereas, on the identical time, satisfying our buyer's wants for tailored options," mentioned Khurana.

Hoe added: "We consider MPI's vary will a be a terrific asset, supreme for the skincare development, with environment friendly, visible and eco-friendly merchandise," mentioned Hoe.

Shifting ahead, Azelis plans to deal with boosting MPI's penetration throughout India and develop its buyer base.

"I'm assured that the gross sales staff in Private Care will show the identical willpower and tenacity and ship to our new accomplice MPI the identical stage of enterprise excellence, as we've got proven in CASE," mentioned Khurana.

Source: *rightlivingblog.com July 21, 2020*

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## **ITC enters into a Share Purchase Agreement to acquire 100% equity share capital of Sunrise Foods Private Limited**

ITC Limited has entered into a Share Purchase Agreement (SPA) on May 23, 2020 to acquire 100% of the equity share capital of Sunrise Foods Private Limited (SFPL), a company primarily engaged in the business of spices under the trademark 'Sunrise', subject to fulfilment of various terms and conditions as specified in the SPA.

Sunrise is a clear market leader in eastern India in the fast-growing Spices category with a rich heritage and brand legacy of over 70 years. Over the years, the brand has built a loyal consumer franchise, anchored on a differentiated product portfolio tailored to regional tastes and preferences, both in the basic and blended spice segments.

The proposed acquisition is aligned with ITC's strategy to rapidly scale up its FMCG Businesses in a profitable manner, leveraging its institutional strengths viz. deep consumer insight, a deep and wide distribution network, agri-commodity sourcing expertise, cuisine knowledge, strong rural linkages and packaging know-how.

ITC's Aashirvaad range of spices is already a market leader in Telangana and Andhra Pradesh and the Company is one of India's leading producers and exporters of high-quality food safe spices.

The proposed acquisition will augment the Company's product portfolio and is aligned to ITC's aspiration to significantly scale up its Spices business and expand its footprint across the country. The deep consumer connect and distribution strength of SFPL in the focus markets, together with synergies arising out of the sourcing and supply chain capabilities of the Company's Agri Business and its pan-India distribution network, will provide significant value creation opportunities for the Company.

The proposed transaction is also in line with ITC's philosophy of enhancing the competitiveness of Agri value chains in India whilst making a meaningful contribution to enhancing farmer incomes.

Finalisation of the SPA along with related processes were completed during lockdown conditions, reflecting the Company's agility and resilience in dealing with the new normal.

Source: *Company Press Release 24 May, 2020*

## GCPL 4Q FY 2020 results: Consolidated constant currency sales decline 11% yoy

13 May 2020

Godrej Consumer Products Limited (GCPL), a leading emerging markets FMCG company, today announced its financial results for the quarter ending March 31, 2020.

### FINANCIAL OVERVIEW

#### 4Q FY 2020 FINANCIAL PERFORMANCE SUMMARY:

- 4Q FY 2020 consolidated constant currency sales declined by 11% year-on-year
  - India business sales declined 18% year-on-year led by 15% year-on-year decline in volume
  - International business sales declined 2% year-on-year, on a constant currency basis
- 4Q FY 2020 consolidated constant currency EBITDA declined by 15% year-on-year; consolidated EBITDA margins declined to 22.3%
- 4Q FY 2020 consolidated net profit and EPS (without exceptional items and one-offs) INR 316 crore and INR 3.09 respectively

Commenting on the financial performance of 4Q FY 2020, NisabaGodrej, Executive Chairperson, GCPL, said:

"This quarter was an unprecedented period due to the spread of the COVID-19 pandemic across the globe, impacting all the geographies of our operations. At GCPL, we have been working on a safety first principle, ensuring that our employees and business partners are safe and taking all necessary precautions to control the spread of COVID-19. The Godrej group, which always stands in solidarity with people and government efforts, has earmarked an initial outlay of INR 50 crore for community support and relief initiatives in India. We have ensured complete adherence to the lockdown and in parallel, are working with government authorities to revive supply chain operations for essential items.

During this quarter, we had witnessed steady demand in our categories till mid-March 2020. However, the spread of the virus and the eventual lockdown in many geographies of our operations resulted in virtually no sales in the later part of March 2020, significantly impacting our sales performance in the quarter. This resulted in a weak performance in our India business, although we have continued to gain market shares across categories.

In our international businesses, Indonesia continued its strong growth momentum with mid-single digit profitable constant currency sales growth inspite of the COVID-19 crisis, driven by a consistent performance across categories and several go-to-market initiatives. In GAUM (Godrej Africa, USA, Middle East), we witnessed a weak sales performance amidst disruptions caused by COVID-19 in many of our countries of operations

Going forward, we are ramping up our supply chain operations and distribution, in line with the prescribed safety measures and easing of lockdowns in various countries. Since the situation is very dynamic, our teams are continuing to manage our business prudently, while assessing various scenarios for business recovery. We will continue to focus on driving our market share and launch relevant innovations to enhance our competitiveness. The situation calls for an extraordinary level of adaptability, resilience and agility – and our teams are well-gearred to embrace this challenge."

Source: Company Press Release May 13, 2020

## CavinKare launches sachet hand sanitizer starting at Rs.1

FMCG major CavinKare announced today the launch of hand sanitizers under its personal care brand CHIK in a 2ml sachet pack. Priced at ₹1, the sachet can be used at least twice, making it easily affordable and accessible due to its nationwide presence in kirana stores.

CavinKare founder R Chinnikrishnan is popularly known as the Father of The Sachet Revolution for introducing the revolutionary sacket packaging with its iconic CHIK shampoo.

"Considering most people don't have access to quality hand sanitizers during this time, it is our responsibility to make the essential product accessible and affordable to every individual with utmost quality," said CK Ranganathan,

Chairman and Managing Director, CavinKare, in a press statement.

He added, "The concept of launching the sanitizer in a sachet as well and making them available in a kirana outlet is an ideal step to ensure safety of the masses at this crucial time."

CavinKare has also introduced hand sanitizer under its other personal care brand – Nyle and professional brand – Raaga. Nyle brand of hand sanitizer currently comes in a 5-litre pack, which will be followed by smaller formats. Raaga Professional brand is targetted at the salon segment in the country.

CavinKare's statement also added that the company's decision of providing sanitizer from ₹1 is well within the government's current stipulated pricing norm which has been duly followed across all other SKUs such as 10ml, 50ml, 90ml, 400ml, 800ml and 5 litre pack.

*Source: Hindu Businessline March 30, 2020*

## HUL to donate Zinc supplemented Horlicks to hospitals battling COVID-19

Hindustan Unilever Limited (HUL) has committed to donating 1.5 lakh packs of Horlicks to help provide immunity to health care workers and providers as they continue their tireless fight against Coronavirus. The first packs have already reached 39 Covid hospitals across India and will soon reach all major Covid hospitals in 12 key cities.

Horlicks\* combines the goodness of milk, wheat and malted barley with 23 vital nutrients such as proteins, Zinc, Vitamin C and Vitamin D with other immunity supporting nutrients like Selenium, Folic acid, Iron, Vitamin B12 and Vitamin B6.

Zinc, Vitamin C and Vitamin D are key nutrients known to build immunity against disease. There is also laboratory evidence that Zinc, in combination with ionophores, has helped in viral load reduction of previous coronaviruses like SARS. Unfortunately, zinc deficiency in the Indian population varies from 40-60% in different age groups, with inadequate dietary Zinc being the primary cause.

Horlicks, which is being donated to hospitals, is a rich source of Zinc, Vitamin C and Vitamin D.

Sanjiv Mehta, Chairman and Managing Director, HUL said, "We are experiencing an unprecedented health crisis, and everyone should play a role in helping the nation fight this crisis. It is also our responsibility to stay safe and in good health. In addition to good hygiene practices, we need to have a healthy diet that builds the body's natural defence mechanism. Today, I am truly delighted that we are able to provide Horlicks to several hospitals for the healthcare workers and providers, to support them in their fight against this disease."

Dr Shashank R Joshi, Consultant, Lilavati Hospital, Mumbai and Dean, Indian College of Physicians said, "Fortifying your immunity system against colds and flu is essential, now more than ever. A balanced diet and attention to macro and micronutrients is the basis of building a vigorous immune system. Your meal needs to have the right amount of vitamins, minerals, carbohydrates and Zinc. Scientific evidence documented in the past few decades shows that consumption of Zinc plays a significant role against viral infections, including human respiratory infections because of its immuno-nutrient properties. It's important to have the right amount of Zinc in your body."

HUL had recently announced a commitment of INR 100 crore towards helping India fight the COVID-19 pandemic.

*Source: Company Press Release April 29, 2020*

## HUL Results for Q4: COVID related disruption impacts quarter performance; Full year dividend up by 14%

Hindustan Unilever Limited (HUL) announced its results for the quarter ending 31st March 2020. The spread of COVID 19 impacted the business from mid-March, which culminated into scaling down of operations post the national lockdown. Domestic Consumer Growth declined by 9% with a decline of 7% in Underlying Volume Growth. Reported EBITDA margin reduced by 40 bps (160 bps reduction on comparable basis after adjusting for accounting impact of Ind AS 116). Profit after tax (PAT) was lower by 1%. In this challenging economic context, HUL performance has been competitive with corporate market share gains.

Financial Year 2019-20: Growth competitive and Profitable

For FY 2019-20, Domestic Consumer Growth was 2% with Underlying Volume Growth of 2%. Our EBITDA margin improved by 100 bps on comparable basis, PAT (bei)\*, grew by 11% to Rs. 6743 Cr. and PAT at Rs. 6738 Cr. was up by 12%. We sustained our track record of strong cash generation. The Board of Directors have proposed a final dividend of Rs. 14 per share, subject to the approval of the shareholders at the AGM. Together with the interim dividend of Rs. 11 per share, the total dividend for the financial year ending 31st March 2020 amounts to Rs. 25 per share; an increase of 14%.

Sustaining lives and livelihoods

COVID-19 is having an unprecedented impact on people and the economy. As Hindustan Unilever Limited, we have moved at speed to support our multiple stakeholders and maintain our operations through the crisis and prepare for growth in a new normal. We have structured our immediate response into five areas: supporting our people; protecting supply; serving demand; contributing to society; and maintaining our financial strength.

Our people are our priority. We have been proactive and swift in ensuring safe working conditions and providing the necessary infrastructure and equipment across all operations. We have also taken various measures to support our business partners including special medical coverage insurance for the front line. We have been working closely with various authorities to commence quickly and scale up supply of our products. We are currently operating at about 70% of normative levels and are hopeful to improve this in the coming days. In this hour of need, we have ramped up capacities in key categories such as sanitizers, handwash etc. We are also operating with shorter planning cycles, stepping up agility and building resilience in the supply chain.

Demand patterns are changing, and we are likely to see an upswing in categories like health, hygiene and nutrition. In the near term, we are also likely to see some adverse impact on discretionary categories and out of home channel. We have a strong pipeline of relevant innovations and are staying close to consumers to adapt to the emerging demand patterns in the short term and prepare for any structural changes in the medium term. We have redesigned our communications to stay relevant to the consumers in the current environment.

It's our purpose to go beyond the business and ensure that we use our scale and brands as a force for good to the society. As a responsible company, we stand united with the nation and have committed Rs. 100 crores in the fight against the Coronavirus. We have amplified our efforts right from donating Lifebuoy soaps to the needy, to strengthening health care infrastructure and spreading awareness of the right behaviour through our communications.

HUL has a strong Balance sheet and cash position. However, we are systematically reviewing all areas of cash generation and usage and re-evaluating all costs in the prevailing circumstances, so that we can continue to invest towards the best opportunities. We continue to set a high ambition on savings opportunities across the value chain.

Sanjiv Mehta, Chairman and Managing Director commented: "COVID-19 is perhaps the biggest challenge for us both from the lens of sustaining lives as well as livelihoods. The human impact of the pandemic is uncertain, and we are fully committed to working with the Government and our partners to ensure that we overcome this crisis together. Our portfolio of trusted brands, our financial stability and quality of leadership teams positions us well to deal with the crisis and, for the changing world that will come afterwards. With the GSK CH merger effective from 1st April, iconic brands such as Horlicks and Boost will now enable us to also address the nutrition needs of consumers. Our approach will be to protect our business model, grow competitively and contribute to the nation."

Source: Company Press Release



## Navigating our new normal together: RB's plan to stay safe in workspaces

As RB adjusts to operating in the ongoing COVID-19 pandemic, we have today published our guide to navigating the new normal and staying safe in RB workspaces.

Using recommendations from the world's leading health and disease institutions, including the World Health Organization, RB has created a comprehensive guide, and outlined a phased and gradual approach, to provide safe and healthy workplaces for all our colleagues.

Our approach has been informed by five guiding principles:

1. People first - The health, safety and wellbeing of our people and their families is paramount. We must take all possible measures to ensure returning is safe.
2. Locally led - Although we are providing global standards, each site will be responsible for deciding if they meet the criteria to reopen whilst keeping people safe. All local legislation and guidelines must be followed at all times.
3. Structured and phased - We will only begin our return to the workplace when three triggers of readiness (External, Internal and Individual) have been fully met. This will then begin a phased and gradual approach.
4. Mutual accountability - We will all take ownership. We will not mandate when employees should return as only they know their personal readiness. This will include a self-certification process.
5. Protect our frontline - Unless it is a business-critical activity, wherever possible, we ask people to continue to work from home until the situation improves.

As the global situation evolves, we will be implementing our return to work with a phased and gradual approach: an initial opening with a minimum presence on sites; an intermediate phase with a relaxation of measures where appropriate; and finally the 'new normal', when work restrictions will be reviewed with a view to relaxing them further, in accordance with local government guidelines.

Source: <https://www.rb.com/media/news> 21 May 2020



### Digital seminar and exhibition

#### The Future of the HPC Industry - A way forward post Covid Pandemic

**Date: 5th Dec, 2020**

**Seminar Time: 9:30 am to 5:30 pm**

**Exhibition Time: 10 am to 5 pm**

**More details on Speakers & Topics coming soon**



**1  
DAY**

# REGULATIONS

## EPA Approves 13 Products Effective Against SARS-CoV-2

The U.S. Environmental Protection Agency (EPA) announced that 13 products on List N, EPA's list of products expected to kill SARS-CoV-2, have completed laboratory testing for use specifically against SARS-CoV-2, the novel coronavirus that causes COVID-19.

Before pesticide products can legally make claims that they can kill a particular pathogen such as SARS-CoV-2, the claim must be authorized by EPA based on a review of data. Because novel viruses are typically not immediately available for laboratory testing, EPA established guidance for Emerging Viral Pathogens.

The specific products approved include 12 unique products from the manufacturer Lonza and one additional Lysol product from Reckitt Benckiser. While these products were already on List N, they now carry additional weight against the virus that causes COVID-19 based on testing performed by the manufacturer and confirmed by EPA. The total number of products in this category is now 15.

Additionally, EPA continues to add products to List N that are expected to kill SARS-CoV-2, based on past efficacy testing. There are 469 approved products currently on List N. Those looking for approved disinfectant products should refer to List N for regular updates.

When using an EPA-registered disinfectant, follow the label directions for safe, effective use. Make sure to follow the contact time, which is the amount of time the surface should be visibly wet.

For more information visit: <https://www.epa.gov/pesticide-registration/list-n-disinfectants-use-against-sars-cov-2-covid-19>.

Source: *Happi.com July 31, 2020*

## Sabinsa Ingredients Earn Non-GMO Project Verification

Several of Sabinsa's ingredients have been Non-GMO Project Verified, adding to the value the end-user finds in Sabinsa's transparency and commitment to natural, sustainable, and Non-GMO ingredients.

"Providing health conscious consumers with herbal, probiotic, and digestive enzymes products that support their preference for Non-GMO ingredients can be challenging, so going this extra step in transparency is one way we can support our manufacturing and brand owner partners, retailers, and their customers," said Shaheen Majeed, Sabinsa's president worldwide. "The credibility the Non-GMO Project Verified seal brings is an important addition to demonstrating Sabinsa's integrity."

The Non-GMO Project Verified is an independent third-party verification for products that are produced according to best practices in avoiding Genetically Modified Organisms (GMO). Products bearing the Non-GMO Project Verified seal have gone through a comprehensive evaluation process according to a consensus-based rigorous standard.

Sabinsa's key ingredients earning Non-GMO Project Verified certification include:

- Boswellin Super Boswellia (*Boswellia serrata*) Extract
- Curcumin C3 Complex Turmeric (*Curcuma longa*) Extract
- Shagandha Root Extract 2.5 % USP (*Withania somnifera*)
- Livinol Kokum (*Garcinia indica*) Extract
- Saberry Amla (*Emblica officinalis*) Extract
- Cococin Coconut (*Cocos nucifera*) Water Solids
- BioPerine Black Pepper (*Piper nigrum*) Extract
- LactoSpore *Bacillus coagulans* MTCC 5856 Probiotic in three grades: 6B, 15B, and 100B
- DigeZyme proprietary, versatile multi-enzyme complex

"The Non-GMO Project applauds Sabinsa's commitment to transparency in the marketplace, providing consumers with the non-GMO choices. With numerous Verified products available, Sabinsa is a valuable part of our non-GMO future," said Hans Eisenbeis, director of marketing and communications.

*Source: Happi.com July 27, 2020*

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## FDA cites 77 formulas with high levels of methanol

Those ubiquitous hand sanitizers aren't all the same. The US Food and Drug Administration has recalled dozens of products during the pandemic, citing high levels of methanol. Since June, FDA has identified 77 products that consumers should avoid. FDA keeps a running list of recalled products on its website.

Methanol can be toxic when absorbed through the skin, the agency said in an advisory, and can cause blindness. It can be lethal if ingested.

The recalled products are manufactured by various companies, all in Mexico, and have been carried by such retailers as BJ's Wholesale Club, Costco and Walmart. The FDA included several types of Blumen brand hand sanitizer on the recall list and said an import alert was attached to them earlier this month to prevent them from entering the country.

*Source: Happi.com July 25, 2020*

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## CPSC Recalls Simplers Botanicals Wintergreen Oil

The Consumer Product Safety Commission (CPSC) with Nutraceutical Corporation of Park City, Utah recalled Simplers Botanicals Organic Wintergreen (*Gaultheria Fragrantissima*) Essential Oil in 5 mL amber bottles with white continuous thread closure. The blue and white label on the front of the bottle displays the Simplers Botanicals logo, product name and volume. A bar code on the back of the bottle includes the UPC code 617626625472. Products manufactured after January 2019, have a white push and turn closure that is child-resistant.

According to the recall, the product contains the substance methyl salicylate which must be in child resistant packaging as required by the Poison Prevention Packaging Act (PPPA). The packaging of the product is not child resistant, posing a risk of poisoning if the contents are swallowed by young children. About 14,000 units are involved in the recall.

Consumers should immediately store the product in a safe location out of reach of children. Contact Nutraceutical Corporation for instructions on how to dispose of the product and receive a full refund.

No injuries or incidents were reported at press time. Products were sold at: Earth Fare, Vitamin Shoppe and Mom's Organic Market nationwide, Whole Foods (Southern and Northern California, New England, Midwest, Pacific Northwest, South, Rocky Mountain region), and other stores, online at Gary's World of Wellness and Lucky Vitamins (Pennsylvania) from August 2013 through February 2019 for about \$9.

*Source: Happi.com July 25, 2020*



# SUSTAINABILITY

## Azelis releases first sustainability report as a testimony of global sustainability efforts

### Azelis releases first sustainability report as a testimony of global sustainability efforts

Azelis, a leading distributor of specialty chemicals and food ingredients, is proud to release its first sustainability report as a testimony of its global sustainability efforts and actions. With this sustainability report, Azelis covers its 2019 group-wide sustainability performance and demonstrates how its commitments to sustainability are put into action, by creating shared value with our innovative and sustainable products and having a positive impact on the communities around the globe.

#### Highlights & rationale

- After its second and consecutive EcoVadis Gold rating and membership to Together for Sustainability as announced earlier this year, Azelis now releases its first sustainability report.
- The company is convinced that only innovation and sustainable business can provide long-term partnerships with customers and suppliers, as well as considerable benefits to society.
- Azelis' strong focus on sustainability is in line with Azelis' strategy to become the global benchmark for sustainability in the chemicals and food ingredients distribution industry.

Being a global service provider focused on the development of innovative formulations, sustainability has always been part of Azelis' identity. Soon after initial commitments to Responsible Care® & Responsible Distribution®, Azelis laid the groundwork for its Corporate Social Responsibility (CSR) Program in 2015, following the Paris Agreement on climate change and the 2030 Agenda for Sustainable Development by the United Nations. Azelis' CSR program is based on the United Nations Global Compact initiative, ISO 26000 and the Global Reporting Initiative (GRI), and is built on 25 KPIs within four main pillars: People, Sustainable procurement, Fair business practices and Resources & environment.

#### Dr. Hans Joachim Müller, Azelis Chief Executive Officer, comments:

"Year 2020 marks a few important sustainability milestones for Azelis. After our second EcoVadis Gold rating and our membership to Together for Sustainability earlier this year, we are now excited to release our first sustainability report in which we bring Azelis' global sustainability efforts to life. We hope that this report will influence and excite our partners about the ever-important sustainability journey, whilst also inspiring and exciting them about our transition to a sustainable business. We are confident that only a joint effort for more sustainable solutions will strengthen the relationships with our business partners who are equally responsible and equally dedicated, and will result in preservation of resources for future generations."

#### Maria J. Almenar Martin, Group Safety, Health, Environment and Quality (SHEQ) and Sustainability Director, adds:

"It's our genuine belief that only innovation and sustainable business models can offer long-term partnerships with customers and suppliers, as well as considerable benefits to society. We're continually investing in the development of a new generation of sustainable formulations through the work done in our network of laboratories, whilst also introducing new initiatives to develop strategies that mitigate business risks as a consequence of climate change and social unrest. We hope this sustainability report gives our partners a clear view of our ambitions and goals, and our colleagues another confirmation of how sustainability is deeply-rooted in all we do."

Sustainability is a key pillar of Azelis' strategy, next to digitalization and our aspiration to be the leading innovation service provider for the industries we serve. Azelis is actively working towards the transition to a sustainable future by being a progressive employer that fosters equal opportunities and embraces diversity across its business; by creating innovative sustainable formulations in its labs; by ensuring the sustainable use of resources whilst continually reducing the environmental impact of its business; and by conducting its business in a responsible way.

Source: Company Press Release 30 July 2020

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# PATENTS

## Codex Earns First Patents

**Skincare company Codex Beauty has earned its first two patents.**

The first patent (U.S. Patent No. 10,682,306) relates to providing organic, Ecoert-approved compositions capable of soothing, calming, nourishing, moisturizing and hydrating skin. BiaComplex is comprised of a mixture of macerated oil infusions of Calendula officinalis, Helichrysum italicum and Symphytum officinale, that is blended together with water infusions of Viola tricolor and Althea officinalis to form a deeply nourishing and hydrating formula. Food-grade emulsifiers are used to combine its oil and water ingredients.

"BiaComplex is unique because each plant extract addresses skin hydration in a different way: it not only moisturizes and hydrates the skin, but helps the skin retain/lock-in this moisture, thereby enhancing both its health and appearance. If the skin is also compromised, it helps to alleviate symptoms associated therewith," stated Tracey Ryan, master formulator and GM of Codex Beauty Europe, and one of the named inventors.

BiaComplex is currently used in the Bia Skin Superfood product and will be incorporated into a new Bia Body collection that is scheduled to launch in 2021.

The second patent (U.S. Patent No. 10,721,937) relates to a novel preservation system, based on an association of naturally derived ferment- and salt-based ingredients, that are not typically used as primary antimicrobial agents, but which, in combination, provide superior broad-spectrum preservation of compositions that are applied topically onto an end user's skin, hair, and/or nails. This innovative preservation system, called PreservX, is not only considered "food-grade", but is technically edible as well.

"Nature provides the world with beauty via a combination of symmetry and synergy. The development of PreservX followed a similar pathway by blending nature-identical chemistries to provide broad spectrum anti-microbial activity. We are delighted that the U.S. Patent and Trademark office has acknowledged this innovation by granting the patent in under a year from first submission," stated Marc Cornell, cosmetic consultant and one of the named inventors. PreservX is the only preservation system used in all of Codex Beauty's water-containing products, such as the creams and/or gels in the current Bia, and future Antü, collections.

Codex Beauty says it open to licensing its innovative PreservX system to companies operating in the beauty space for skin, hair and personal care products.

"We believe that PreservX is a breakthrough in the domain of beauty product preservation, as it is not based on any fossil-fuel derived ingredients and all of its constituents are edible. We believe that this provides a new level of sustainable safety for skincare, especially for products geared towards babies and young children, who can accidentally ingest skincare products through nursing or sucking their hands. We are excited to share this platform with the beauty industry," said Barbara Paldus, CEO of Codex Beauty.

*Source: Happi.com July 31, 2020*

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## Procter & Gamble awarded patent for improving skin appearance without increasing collagen glycation

US Patent No. 10,660,838 B2 (Tomohiro Hakozaki, John Erich Oblong, Bin Fang Deyer); The Procter & Gamble Company has patented a method of treating a skin condition without increasing glycation in the collagen of the user. It entails identifying a target portion of skin where treatment is desired and topically applying a cosmetic composition that is comprised of saccharide, a dermatologically acceptable carrier, wherein the composition has a pH of less than 5.0, and wherein the treatment period is sufficient for the composition to improve the skin condition and the composition does not increase glycation relative to a vehicle control in the Advanced Glycation End Product (AGE) Assay.

*Source: Happi.com July 30, 2020*

## Kao gets patent for oral plaque dispersion

US Patent No. 10,660,837 B2 (Tomoya Sato); Kao Corporation has been awarded a patent for an oral composition comprising three following components: an olefin sulfonate having 14 or more and 20 or less carbon atoms; a hydroxy alkane sulfonate having 14 or more and 20 or less carbon atoms; and sorbitol.

Source: *Happi.com* July 30, 2020

## SC Johnson patents a gel cleaner for hard surfaces.

US Patent No. 10,597,617 B2 (Russell B. Wortley, Michael E. Klinkhammer, John R. Wietfeldt, Francis J. Randall); SC Johnson has patented a gel cleaning composition for hard surfaces. The composition contains an adhesion promoter, which includes a polyalkoxy substituted compound having 25 to 45 ethoxy groups; a nonionic surfactant, which can serve all or in part as the at least one adhesion promoter; and a blend of non-ethoxylated linear primary alcohols wherein each alcohol of the non-ethoxylated blend includes a carbon chain containing 9 to 17 carbons, or an ethoxylated blend of linear primary alcohols wherein each alcohol of said ethoxylated blend includes a carbon chain containing 9 to 17 carbons. The gel composition has a transport rate factor of less than about 55 seconds and a gel temperature of 50-80°C. The composition, which has an adhesion time of greater than about 8 hours, is structured to self-adhere to a hard surface and transport along the hard surface in a 360° extended area outward from an area of initial product application.

Source: *Happi.com* July 30, 2020

## P&G patents tooth stain reduction method

US Patent No. 10,596,086 B2 (Niranjan Ramji, Douglas Craig Scott); The Procter & Gamble Company has patented a dentifrice composition that contains stannous fluoride; sodium lauryl sulfate; of a polyphosphate selected from the group consisting of dialkali or tetra alkali metal pyrophosphate salts, tripolyphosphate, and mixtures thereof; and a flavoring agent comprising 4-methoxybenzaldehyde (anisaldehyde); 1,3-benzodioxole-5-carbaldehyde (heliotropin); 3,4-dimethoxybenzaldehyde (veratraldehyde); 3-methyl-1,2-cyclopentadione; phenethyl formate; acetophenone; phenylacetaldehyde; 4-methylacetophenone; p-toluacetaldehyde; 3,5,5-trimethyl-2-cyclohexene-1-one (isophorone); gamma-undecalactone; p-methyl cinnamaldehyde; 4-phenyl-2-butanone (benzyl acetone); octanal; 6-isopropyl-3-methyl-1-cyclohex-2-enone (piperitone); (S)-4-(1-methylethenyl)-1-cyclohexene-1-carboxaldehyde (perillaldehyde); 4-(1-methylethyl) benzaldehyde (cuminaldehyde); alpha-methyl cinnamaldehyde; isomenthone; menthone; carvone; decanal; 3-hydroxy-2-methyl-4H-pyran-4-one (maltol); or combinations thereof. The polyphosphate is the only source of polyphosphate in the dentifrice composition, which has a percent reduction in stain from the stannous fluoride of at least about 40%.

Source: *Happi.com* July 30, 2020

## Sytheon obtains isosorbide patent

According to Sytheon, there are certain novel esters of isosorbide that have been found to address defects or imbalances in keratinocyte differentiation, repair skin barrier building and defense, and improve overall stratum corneum development, structure and architecture. Specifically, Sytheon says that certain esters of isosorbide are capable of modifying, recalibrating and/or regulating the expression of genes, genetic networks and cellular pathways in mammalian skin for improving and/or repairing the epidermis and its function as well as in addressing, combating, mitigating and/or preventing the manifestation of disease conditions associated with certain diseases and defects or imbalances in the skin.

Having secured this patent, Sytheon says it is now committed to enter, through its sister company Symbionyx Pharmaceuticals Inc., the dermatological market for treating diseases caused by autoimmune imbalances.

Source: *Happi.com* July 20, 2020

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## Henkel Patents Tinting Shampoo

US Patent No. 10,667,999 (Camille Grosjacques, Yvonne Lissner, Susanne Bietz, Katharina Krause, Daniel Eisebitt); Henkel AG & Co. KGaA, Duesseldorf, has patented agent for dyeing keratinic fibers. It comprises, in a cosmetic carrier, at least one direct-acting dye, cocamidopropyl betaine and lauryl glucoside.

*Source: Happi.com June 29, 2020*

# PACKAGING

## Henkel to recycle oral care tubes 2021

While toothpaste tubes are being used by millions of consumers every day, not many may know that today's classical tubes couldn't be recycled so far – their multi-layer construction poses a challenge for recycling facilities. This is about to change! In line with its packaging targets and commitment to avoid plastic waste, Henkel will convert its entire oral care tube portfolio to fully recyclable tubes produced by its packaging supplier Albéa. The transition, to be concluded across all its oral care brands beginning of next year, will be pioneered by the Spanish toothpaste brand Licor del Polo.

To advance the sustainability features of its toothpaste tubes, Henkel uses Albéa's proprietary Greenleaf tube technology, which enables the packaging to be fully recyclable wherever collection schemes are active. Greenleaf tubes are recognized by the Association of Plastic Recyclers (USA) and Suez.Circpack (Europe) as technically recyclable within the existing, effective HDPE bottles recycling stream. What's more, the unique tube-making technology uses a single-blown film, thus significantly reducing the product's CO2 footprint.

As part of Henkel's sustainability efforts, the company has set itself ambitious packaging targets for 2025 to promote a circular economy. By then, 100 percent of Henkel's packaging will be recyclable or reusable and the company will reduce fossil-based virgin plastics by 50 percent in its consumer goods packaging. Additionally, Henkel wants to contribute to avoiding plastic waste being disposed in the environment.

On the way to achieving these goals, Henkel has already made many advances. For example, the company further increased the share of recycled plastic in its packaging and a number of Henkel's packaging already consists of 100 percent recycled material. Another example is the partnership with Plastic Bank, through which Henkel wants to stop ocean plastic and at the same time provide opportunities for people in need.

"We want to foster a circular economy and pursue ambitious packaging targets. This joint development is a major step for us to further improve the recyclability of our packaging portfolio and is contributing significantly to our goal to achieve 100 percent recyclability until 2025," said Philippe Blank, Head of Packaging Sustainability at Henkel Beauty Care. "By introducing Albéa's Greenleaf technology, we are now shifting more than 700 tons of packaging material per year into a category, that can be utilized and recovered by existing waste recycling streams."

"In addition to the roll-out of the recyclable packaging solution, both companies are jointly working to improve even further and harmonize all single components of the tube. "We have a clear goal: Together we want to launch the world's first full HDPE tube in 2021, which will then include the cap as well," added Blank.

*Source: Happi.com July 22, 2020*

## Life's Butter Changes Its Look

As part of its continued efforts to be as green as possible, the Life's Butter Cosmetics is making several changes to its packaging. All of its products now come in 100% recyclable packaging.

The brand's new series of tube packaging will be made from sugarcane plastic, an organic byproduct of farming, as opposed to traditional plastic made from fossil fuels. The marketing team also announced that the informational booklet with instructions is being transformed into video series and tutorials on how to get the best out of the product and the dry brush.

Also, all of the company's products are never tested on animals, said the indie beauty company.

*Source: Happi.com July 21, 2020*



## APC Packaging launches refillable jar

APC Packaging's Refillable Jar represents a progression in sustainable packaging options for the cosmetics and skincare industries. The patent-pending refillable jar can also be used with Post-Consumer Recycling (PCR) to reduce the carbon footprint and environmental impact. The jar is available in 15ml, 30ml and 50ml sizes. The jar is next in the line of sustainable innovations released by APC Packaging who recently launched their Airless Refillable Bottle earlier this year. All innovations developed at APC Packaging go through a process from material selection, design, ease of use and cost effectiveness. APC Packaging can work with you to ensure that your Brand DNA and sustainability requirements are met.

Source: *Happi.com* July 21, 2020



# ARTICLE

## Covid-19 and the Environment

The COVID-19 pandemic is a crisis that affects everyone. Various articles have been published in the past weeks on the environmental causes and the environmental impacts of the COVID-19 pandemic. This page aims at listing relevant information, research, data and/or press releases issued by our partners in Geneva and other institutions around the world.

ALL ARE UNITED TO EMD THE PANDAMEIC

The COVID-19 pandemic is a crisis that affects everyone.

As mentioned by the UN Secretary General in his call for solidarity, "We are facing a global health crisis unlike any in the 75-year history of the United Nations – one that is spreading human suffering, infecting the global economy and upending people's lives." He also added "We must ensure that lessons are learned and that this crisis provides a watershed moment for health emergency preparedness and for investment in critical 21st century public services and the effective delivery of global public goods. We have a framework for action – the 2030 Agenda for Sustainable Development and the Paris Agreement on Climate Change. We must keep our promises for people and planet."

For general reliable information on COVID-19, please consult:

- WHO updates on COVID-19
- United Nations COVID-19 Information Portal
- Geneva State Council recommendations & information on COVID-19
- Update by the Geneva Cantonal Doctor
- Swiss Confederation updates on COVID-19 in Switzerland
- International Geneva resource pages on COVID-19
- CAGI Covid-19 Resource Centre

United to end the pandemic, get information from additional reliable sources:

- UN Response to COVID-19
- UN report on socio-economic impacts of COVID-19
- Launch of \$2 billion global humanitarian response plan to fund the fight against COVID-19 in the world's most fragile countries (25 March 2020)
- OHCHR: COVID-19 and its human rights dimensions
- ILO: COVID-19 and the world of work
- UNECE: Observatory on Border Crossings Status due to COVID-19 | Platform for National Statistical offices (NSOs) | Food Outlook | Data Sources on Coronavirus impact on Transport
- UNCTAD | monitoring the effects of the COVID-19 pandemic on manufacturing, trade, foreign direct investment and economic growth
- UN Statistics | How Covid-19 is changing the world – a statistical perspective (13 May 2020)
- WTO | COVID-19 and the world of trade
- ITU | Policy and Regulatory experiences and best practices that can improve COVID-19 responses
- IOM | Migration and COVID-19
- IPU | Parliaments in a time of pandemic
- Global Initiative Against Transnational Organised Crime | #CovidCrimeWatch -the weekly newsletter exploring existing and emerging inter actions between COVID-19 and the illicit economy
- WBCSD | How business is responding to COVID-19
- • UNEP & TED-Ed | "Earth School" launches to keep students connected to nature in the time of COVID-19

## COVID-19 and the Environment

Various articles have been published in the past weeks on the environmental causes and the environmental impacts of the COVID-19 pandemic. This page aims at listing relevant information, research, data and/or press releases issued by our partners in Geneva and other institutions around the world.

Other resource pages on COVID-19 and the environment:

- UNEP | Resource page on COVID-19
- Environmental Emergencies Center (UNEP/OCHA Joint Unit) | Resource page on COVID-19 and its impact on the humanitarian response system and environment
- UN Cooperation in the UNECE region | COVID-19, the environment and climate change
- IOM | The COVID-19 Pandemic, Migration and the Environment
- WHO Manifesto for a healthy recovery from COVID-19
- WMO | COVID-19 dedicated webpage
- IUCN Resources on COVID-19
- Call for nominations | IPBES workshop on biodiversity and pandemics
- GENeva Environment Dialogues' series on the Impacts of COVID-19 on the Global Environmental Agenda

## Origins of COVID-19 and Prevention

While the origin of the outbreak and its transmission pathway are yet to be asserted, we know diseases passed from animals to humans (zoonotic diseases) are on the rise, as the world continues to see unprecedented destruction of wild habitats by human activity. "Nature is sending us a message with the coronavirus pandemic and the ongoing climate crisis" according to the UN's environment chief, Inger Andersen and other environmental experts.

- Preventing the next pandemic will cost \$22.2 billion a year, scientists say | NBC News | 23 July 2020
- Human health, animal health and environmental health are inextricably linked | Inger Andersen and Jimmy Smith | Mail & Guardian | 12 July 2020
- Nature is sending us a message: Biodiversity loss and wildlife trade as causes of pandemics – German Ministry for the Environment (BMU) | John Scanlon | 29 June 2020
- How deforestation helps deadly viruses jump from animals to humans | Amy Y. Vittor, Gabriel Zorello Laporta, Maria Anice Mureb Sallum | The Conversation | 25 June 2020
- How regulation of endangered wildlife trade can prevent the next pandemic | Ivonne Higuero (CITES) | South China Morning Post | 21 June 2020
- COVID 19: urgent call to protect people and nature | WWF | June 2020
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- Ignore the conspiracy theories: scientists know Covid-19 wasn't created in a lab | Peter Daszak | The Guardian | 9 June 2020
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- Coronavirus shows we must change our economy to recognise that human wealth depends on nature's health | Professor Sir Partha Dasgupta, Inger Andersen | Independent | 5 June 2020
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- Science points to causes of COVID-19 | UNEP | 22 May 2020
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- Coronavirus won't be the last outbreak. Climate change, waning habitat will drive disease | Amanda Morris | Arizona Republic | 30 March 2020
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## Chemicals and Waste Management

In this section: Waste Management | Plastic | Exposure to Hazardous Substances

### Waste Management

With COVID-19 pandemic continuing to spread, national and local governments are urged to treat waste management, including medical, household and other hazardous waste, as an urgent and essential public service in order to minimise possible secondary impacts upon health and the environment.

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- We found Patient Zero: It's the historical injustice of our waste system | Denise Patel, Gaia | Medium | 9 April 2020
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- China disposes of 182,000 tonnes of medical waste amid COVID-19 outbreak | Xinhua | 24 March 2020
- Waste management an essential public service in the fight to beat COVID-19 | The Secretariat of the Basel, Rotterdam, and Stockholm Conventions | 20 March 2020
- Water, sanitation, hygiene, and waste management for the COVID-19 virus: interim guidance | WHO | 19 March 2020
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- Discarded coronavirus masks clutter Hong Kong's beaches, trails | Farah Master & Yoyo Chow | Reuters | 12 March 2020

## Plastic and Reusable Items

Plastic does not inherently make something clean and safe. Experts are proposing to bring back the bring-your-own-cup scheme.

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- Covid-19 has led to a pandemic of plastic pollution | Times | 22 June 2020
- EU dismisses industry calls to lift ban on single-use plastics | Frédéric Simon | EURACTIV | 15 April 2020
- Yet Another Consequence of the Pandemic: More Plastic Waste | Matt Simon | WIRED | 13 April 2020
- A la faveur de la crise sanitaire, le plastique à usage unique fait son retour en force | Dorothee Moisan | Le Monde | 12 April 2020
- Covid-19 and plastic pollution: we can and should fight both | Ian Lo, ambassador, A Plastic Ocean Foundation | South China Morning Post | 12 April 2020

- Plastics: The coronavirus could reset the clock | Grzegorz Peszko | WorldBank Blog | 7 April 2020
- Plastic Pollution, Reuse, and COVID-19 | UPSTREAM Team | Break Free from Plastic Blog | 26 March 2020
- How the plastic industry is exploiting anxiety about COVID-19 | Ivy Schlegel | Greenpeace USA | 26 March 2020
- Industry should not exploit COVID-19 to push more plastic pollution | Perry Wheeler | Greenpeace | 24 March 2020

### Exposure to Hazardous Substances

Hosing down migrants and workers with bleach to 'disinfect' them is a ghastly and inhumane practice to combat COVID-19, said UN Special Rapporteur on toxic wastes. The Special Rapporteur appealed to States and businesses on the dire need to protect the brave doctors, nurses, first responders, and others on the front lines in this fight.

- "Every worker is essential and must be protected from COVID-19, no matter what" – UN rights experts | Special Rapporteurs | UN Human Rights | 18 May 2020
- Communiquer sur le risque des substances chimiques au temps du Covid-19 | Nathalie Chèvre (Ecotoxicologue, Maître d'enseignement et de recherche à l'Université de Lausanne) | 17 April 2020
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### Biodiversity and Wildlife

In this section: Impact on wildlife | Biodiversity Crisis

Impact on Wildlife

COVID-19 is having an impact on animals. Great apes, of which seven species are already threatened by extinction, are potentially vulnerable to this new virus. Lockdowns and the loss of tourism revenue also create challenges for protecting wildlife.

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- The wild animals at risk in lockdown. Alexander Matthews | BBC | 21 May 2020
- Conservation must not be a COVID victim. John Scanlon | The Independent | 13 May 2020
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- As wildlife tourism grounds to a halt, who will pay for the conservation of nature? Johan Robinson | Mongabay Conservation News | 23 April 2020
- Quarantining also means caring for our great ape relatives. Elizabeth L. Bennett (Vice President for Species Conservation at the Wildlife Conservation Society – WCS) | IUCN Crossroads Blog | 15 April 2020
- Nature's comeback? No, the coronavirus pandemic threatens the world's wildlife. Charlie Gardner (University of Kent) | The Conversation | 8 April 2020
- Poaching threats loom as wildlife safaris put on hold due to COVID-19. Dina Fine Maron | National Geographic | 10 April 2020
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- 3 ways the coronavirus is affecting animals around the world. Josephine Moulds | World Economic Forum | 7 April 2020
- Tiger tests positive for coronavirus at Bronx Zoo, first known case in the world. Natasha Daly | National Geographic | 5 April 2020
- The Coronavirus Lockdown Is a Threat for Many Animals, Not a Blessing. Matt Simon | WIRED | 4 April 2020
- Great apes and covid-19, an additional threat to already endangered species? UNESCO | 1 April 2020
- How zoos must change to keep great apes safe from coronavirus. Lesley Elizabeth Craig | The Conversation | 1 April 2020
- COVID-19-led ban on wild meat could take protein off the table for millions of forest dwellers. Robert Nasi and John E. Fa | CIFOR Forest news | 30 March 2020

- Wildlife rescue centres struggle to treat endangered species in coronavirus outbreak. Gloria Dickie | The Guardian | 28 March 2020
- Les humains sont confinés, la nature reprend ses droits. AFP | 28 March 2020
- Virus which causes COVID-19 threatens great ape conservation. UNEP | 25 March 2020
- Coronavirus poses lethal threat to great apes, experts warn. Damian Carrington | The Guardian | 24 March 2020
- COVID-19: protect great apes during human pandemics. Thomas R. Gillespie & Fabian H. Leendertz | Nature | 24 March 2020
- Great apes, COVID-19 and the SARS CoV-2. UCN SSC Wildlife Health Specialist Group and the Primate Specialist Group, Section on Great Apes | 15 March 2020

### The Biodiversity Crisis

2020 was expected to be 'Super Year for Nature,' with a number of international meetings and negotiations (World Conservation Congress, UN Ocean Conference, UN Nature Summit and other preparatory meetings) leading to the a global biodiversity conference that would agree on a decade-long 'Post-2020 Biodiversity Framework', and the acknowledgment of nature-based solutions for climate change mitigation and additional benefits. Their postponement brings worries as we are loosing critical time to address the biodiversity crisis.

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- The COVID-19 pandemic is not a break for nature – let's make sure there is one after the crisis. Sebastian Troëng, Edward Barbier and Carlos Manuel Rodríguez | World Economic Forum | 21 May 2020.
- COVID-19 could help turn the tide on ocean health in Asia-Pacific. UN News | 13 May 2020.
- There are no winners in the illegal trade in wildlife. Ivonne Higuero (CITES SG) | UNEP | 5 May 2020.
- Biodiversity, pandemics and the circle of life. Joel Makower | GreenBiz | 20 April 2020.
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- IUCN World Conservation Congress 2020 postponed. IUCN & France | 3 April 2020.
- Despite COVID-19, using wild species may still be the best way to save them. Dilys Roe | IIED Blog | 1 April 2020.
- „Die Pandemie ist ein game changer“. Thomas Krumenacker | Die Flugbegleiter | 31 March 2020.
- Applying the hard lessons of coronavirus to the biodiversity crisis. UNDP Blog | 27 March 2020.

### Air Pollution

Researchers found that air pollution has intensified the pandemic. But the lockdown and related measures implemented by countries to stop the spread of COVID-19 have also led to a decrease in economic activities and drop in road transport, temporarily cleaning skies and decreasing levels of certain air pollutants.

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- Air pollution likely to make coronavirus worse, say UK government advisers | Damian Carrington | The Guardian | 1 July 2020
- Air pollution kills 7 million people a year – and probably makes COVID-19 more deadly: this week's World Vs Virus podcast | Robin Pomeroy | WEF | 25 June 2020
- Abrupt decline in tropospheric nitrogen dioxide over China after the outbreak of COVID-19 | Fei Liu et al. | Science Advances | 12 June 2020.
- No going back: European public opinion on air pollution in the Covid-19 era | Jens Müller | Transport & Environment | 10 June 2020
- Air Quality Strategy to Reduce Coronavirus infection. UK All-Party Parliamentary Group on Air Pollution | 29 May 2020.
- Cut air pollution to help avoid second coronavirus peak, MPs urge. Damian Carrington | The Guardian | 29 May 2020.
- The world needs a Healthy Recovery. 350 organisations representing over 40 million health professionals and over 4,500 individual health professionals from 90 different countries, wrote to the G20 leaders calling for a #HealthyRecovery | 26 May 2020
- Temporary reduction in daily global CO2 emissions during the COVID-19 forced confinement. Le Quere et al. | Nat. Clim. Chang. (2020) | 19 May 2020.
- Declines in air pollution due to COVID-19 lockdown show need for comprehensive emission reduction strategies. UNECE | 18 May.
- Cities champion cycling to head off traffic as COVID-19 restrictions ease. BreathLife | Climate and Clean Air Coalition | 13 May 2020.
- Mayor's bold new Streetspace plan will overhaul London's streets. Mayor of London | 6 May 2020.
- 11,000 air pollution-related deaths avoided in Europe as coal, oil consumption plummet. Lauri Myllyvirta | CREA | 30 April 2020.
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- SARS-Cov-2 RNA Found on Particulate Matter of Bergamo in Northern Italy: First Preliminary Evidence. Leonardo Setti et al. | medRxiv | 24 April 2020.
- Milan announces ambitious scheme to reduce car use after lockdown. Laura Laker | The Guardian | 21 April 2020.



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- Briefing on COVID-19 and Short-Lived Climate Pollutants. Climate and Clean Air Coalition (CCAC) | 16 April 2020.
- Association between short-term exposure to air pollution and COVID-19 infection: Evidence from China. Yongjian Zhu et al. | Science of the Total Environment | Available 15 April 2020.
- Coronavirus: lockdown's effect on air pollution provides rare glimpse of low-carbon future. Paul Monks (University of Leicester) | The Conversation | 15 April 2020.
- OPINION: COVID-19, air pollution and cooking: a deadly connection. Hajia Samira Bawumia & Dymphna van der Lans | Thomson Reuters News | 15 April 2020.
- Two mechanisms for accelerated diffusion of COVID-19 outbreaks in regions with high intensity of population and polluting industrialization: the air pollution-to-human and human-to-human transmission dynamics. Mario Coccia | MedRxiv | 11 April 2020.
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- 'It's positively alpine!': Disbelief in big cities as air pollution falls. Hannah Ellis-Petersen, Rebecca Ratcliffe, Sam Cowie, Joe Parkin Daniels, Lily Kuo | The Guardian | 11 April 2020.
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- Air Pollution Reduction and Mortality Benefit during the COVID-19 Outbreak in China. Kai Chen et al. | medRxiv | 27 March 2020.
- Coronavirus lockdown leading to drop in pollution across Europe. European Space Agenda | 27 March 2020.
- Coronavirus UK lockdown causes big drop in air pollution. Damian Carrington | The guardian | 27 March 2020.
- Global COVID-19 response has slashed CO<sub>2</sub> emissions – here's how to keep them low. Simone Abram | the World Economic Forum in collaboration with The Conversation | 26 March 2020.
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- Coronavirus threat greater for polluted cities. European Public Health Alliance | 16 March 2020.
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- Coronavirus Lockdown May Save More Lives By Preventing Pollution Than By Preventing Infection. Jeff McMahon | Forbes | 10 March 2020.
- Evaluation of the potential relationship between Particulate Matter (PM) pollution and COVID-19 infection spread in Italy. Società italiana di medicina ambientale, Università di Bologna | Università di Bari | March 2020.

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- Why Does the Smog Strike Beijing Even When the City is Closed Down? Lauri Myllyvirta | Centre for Research on Energy and Clean Air (CREA) | 25 February 2020.
- Coronavirus temporarily reduced China's CO2 emissions by a quarter. Lauri Myllyvirta | Carbon Brief | 19 February 2020.

### Climate Action

The UN Climate Change Conference COP26 set to take place in Glasgow in November will be rescheduled for 2021. COVID-19 is the most urgent threat facing humanity today, but we cannot forget that climate change is the biggest threat facing humanity over the long term, said UN Climate Change Executive Secretary, Patricia Espinosa. Carbon dioxide remains in the atmosphere and oceans for centuries. This means that the world is committed to continued climate change regardless of any temporary fall in emissions due to the Coronavirus epidemic, reminded WMO Chief, Petteri Taalas.

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- To build a resilient world, we must go circular. Here's how to do it | World Economic Forum | 6 July 2020
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- A 'mass experiment' for the climate | Emily Kasriel | BBC – Future Planet | 25 June 2020
- COVID-19 disruptions in ocean observations could threaten weather forecast and climate change predictions | UNESCO | 23 June 2020
- Why we must address COVID-19 AND climate change | Maria Mendiluce (CEO, We Mean Business and Managing Director, Climate & Energy at WBCSD) | 18 June 2020
- Falling clean energy costs provide opportunity to boost climate action in COVID-19 recovery packages | UNEP | 10 June 2020
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### Push back on Environmental Laws

While lobby associations rightly point to the significant challenges posed by an unprecedented global health crisis, some have explicitly call for postponement of environmental laws or loosening regulations that limit emissions from their facilities. In countries facing pressures on indigenous territories, the lockdowns are reducing the abilities of local communities to patrol.

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### Water and Sanitation

The spread of COVID-19 is closely related to water and sanitation, as cleaning hands can reduce the transmission and help people stay healthy. But today billions of people still lack safe water, sanitation and handwashing and funding is inadequate.

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### Oceans and Blue Economy

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Source: <https://www.genevaenvironmentnetwork.org/>

*Note: There are several resources mentioned in this article having many hyperlink, if anyone would like to visit the sources kindly visit our website: [www.ihpcia.org/resources.html](http://www.ihpcia.org/resources.html)*

## How to design body care foam using scientific numbers

Source: *kruss-scientific.com*

- Quantify foamability
- Track foam stability
- Measure moisture
- Evaluate bubble size and structure

### WHY YOU SHOULD CARE ABOUT NUMBERS

The words body care already say it: consumers couldn't care less about the scientific numbers that describe foam. They want to brush their teeth with just the right amount of foam. They want smooth, moist shaving foam that doesn't dissolve before the hair softens. They want bath foam that dissipates at the right time and doesn't need to be rinsed out of the tub for minutes on end. If you want to give customers what they want by developing products that meet these demands, then you need to care about the numbers. Solid numbers that describe all aspects of foam: its formation, stability, moisture content, and structure. Numbers that can be reproduced everywhere and by everybody. Let us show you how to obtain these numbers with scientific foam analysis.

### How to quantify foam production

To create the desired bubbles in body care foam, air is mixed into the liquid by hand or with a nozzle. But to measure how much foam can be produced from a certain amount of liquid and to compare products requires foam production methods that are highly reproducible.

To simulate air being forced through a body care fluid, electronic flow control can be used to press a defined gas volume into the sample liquid with an equally defined flow rate. When emulating mechanical foam formation, repeatability can be achieved by stirring, provided that precisely shaped blades do the job with programmed speed and time. Since foam is largely opaque, the obvious choice is to use light for detecting the height and volume of foam produced in a cylinder. This is how we translate the amount of foam into figures.

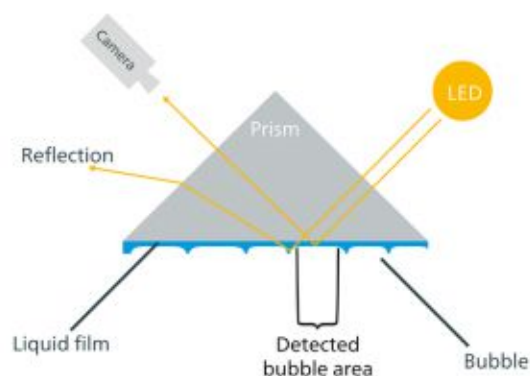
### How to obtain values for moisture

The cleaning power and, equally important, the sensory perception of foam is closely related to moisture content. In obtaining values for the foam's liquid content, the trick is to identify not only the upper edge of the foam but also the transition between liquid and foam. We know how much liquid was put in before foaming, so the liquid „missing“ after foam formation must be bound in the foam bubbles. This gives us the proportion of liquid in in the foam.

In addition, measuring liquid content directly using the difference between the electrical conductivity of the liquid and of the foam is an elegant method well established in the scientific literature.

How to express bubble structure in numbers The seemingly most abstract aspect of foam is also the most instructive for foam design: the bubble size and structure. The smaller the bubbles, the greater the surface area, which enhances contact between body care ingredients and the skin. Round bubbles are a sign of wet foam, whereas polygonal bubbles indicate that the foam is rather dry.

We found a way to get clear two-dimensional video images of the foam structure. The camera is aimed at prisms that are directly mounted on the glass wall of the measuring column. An intelligent algorithm evaluates the resulting image and determines the number of bubbles per unit area and the absolute size of each bubble. Not only does this provide the mean bubble size and its statistical distribution, but it also delivers complete video documentation of a foaming experiment.



Directing light with prisms: a trick to obtain 2-dimensional foam structure images.

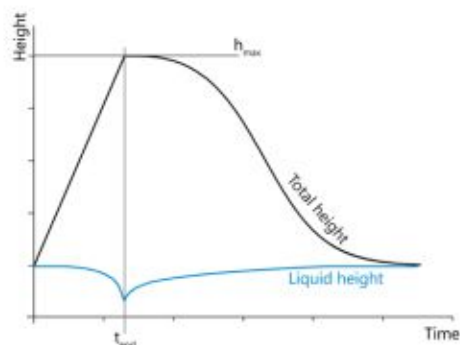
So far, we've talked about describing foam with numbers as though it were made of some stable material. In reality, it's quite the opposite: foam starts changing as soon as it is created. Gravity drains liquid out of it, bubbles collapse or merge into bigger bubbles – in short, foam is subject to decay over time. The foam stability required depends on the type of product: foam for shaving must be more stable than that for washing, but long-lasting foam from toothpaste might be annoying. To design just the right foam for a certain body care application means gaining control over time dependency.

### How to evaluate foam stability

The most obvious sign of foam decay is simply the decrease in volume due to collapsing bubbles – with bath foam, you can even hear it happening. When we analyze foam height, we determine not



only the maximum volume after foaming but also the temporal course, for which the observation time and data rate can be set at will. This gives us solid numbers such as the foam's half-life.



Measuring foam and liquid height over time provides a vast number of parameters for foam formation, stability, and moisture.

### How to measure drainage speed

Foam lamellae consist of liquid films stabilized against gravity by surface-active substances (surfactants). Or more precisely, partly stabilized, because foam tends to dry out over time. We help quantify this often unwanted drainage by measuring the gradual decline in the foam's liquid content.

Overall values for drainage speed can be obtained from the rising liquid level beneath the foam column. A more sophisticated but also more instructive way to measure drainage is to detect the change in electrical conductivity over time at different levels along the foam column. In this way, we can closely follow the liquid on its way down.

### How to track changing foam structure

Drainage is the first sign of destabilization, often long before foam actually collapses. This makes drainage speed a good measure of stability of long-lasting foams. The same applies to foam structure, because the bubble size and statistical size distribution also change before decay becomes a macroscopic behavior.

Homogeneous bubble size is also a measure of foam's sensory quality, but what is most interesting is that the size distribution is also linked to the speed of decay. This is due to an effect called Ostwald ripening, where smaller bubbles become even smaller and ultimately vanish while "pumping up" the larger bubbles. This is an unstoppable, self-accelerating decay mechanism that can be prevented only by creating homogeneous foam in the first place. We can analyze the entire time course by extracting structure-related values from each frame of the recorded video.

### Where do all the numbers come from?

The different ways of achieving values for foamability and foam stability, moisture, and bubble structure converge in one and the same modular instrument: the Dynamic Foam Analyzer – DFA100. When we describe this device as "modular," we do not mean it offers "either/ or" functionality, but rather "as well as." This is because, when fully equipped, it can deliver all the values discussed simultaneously in one and the same foaming and decay experiment.

We are certain that the scientific analysis methods of the DFA100 and the numbers it provides can support you in designing and improving your body care foam.

### THE SCIENCE OF MAKING THINGS EASY

Science is complex, but when used for product optimization or quality control, scientific tools must be as simple as possible. Our mission at KRÜSS for over 200 years has always been to build instruments that apply proven scientific methods with maximum ease of use. With automated technology, we create devices that offer great versatility while keeping necessary user intervention to a minimum – sometimes to as little as a single click. Our solutions incorporate incorporate the know-how of our application experts, who work closely with research and development engineers as well as quality managers across multiple industries.



The Dynamic Foam Analyzer – DFA100 provides a huge range of numbers in one easy-to-perform measurement.

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Source: [kruss-scientific.com](http://kruss-scientific.com)



## **Indian Home & Personal Care Industry Association**

SOAPS • DETERGENTS • COSMETICS • AFFILIATED INDUSTRY

**YOUR  
PARTNER  
FOR  
SUSTAINABLE  
GROWTH**



**YOUR NETWORK – YOUR VOICE**



## YOUR NETWORK – YOUR VOICE

**The Indian Home & Personal Care Industry Association (IHPCIA)** is a non-profit organization under Section 25 of the Companies Act 1956. The Association represents the **Home & Personal Care (HPC)** industry and provides a platform for National & International networking and interaction with regulatory bodies. The Association is committed to developing solutions for healthy living and quality lifestyle and aims to be the voice & network of the industry.

**IHPCIA** has a Board of Directors and following Committees:

1. Policy and Planning
2. Regulatory Reforms & Standard
3. Membership & Resource Mobilisation
4. Programs, Education & Communication

### OUR OBJECTIVES

Represent the interests of the members from Home-care, Personal care and allied industries.

- To promote trade & commerce, science & technology, consumer awareness and education in the areas of Home-care and Personal-care.
- To represent and make known members point of view and interests of Home-care, Personal-care and allied industries before governmental and quasi governmental authorities, trade and industrial bodies, chambers of commerce, scientific bodies, educational institutes and other organizations.
- To create a platform to facilitate co-ordination, co-operation, exchange of views and ideas and sharing of knowledge amongst the Association members and similar International Associations.
- To act as the certifying and approval body for national and international testing procedures.
- To provide education, information and training to the members for improving health, hygiene and safety.
- To interact and network with national & international associations, organizations and bodies connected with Home & Personal Care Industries.

# Members of the Association



Cavinkare Pvt. Ltd.



Godrej Industries Ltd.



Unilever  
Hindustan  
Unilever Ltd.



ITC Limited



RSPL Limited



Nirma Limited



Procter & Gamble



S.H. Kelkar



Milindia Ltd.



AARTI INDUSTRIES LIMITED

Aarti Industries Ltd. rivedi Group



Safechem  
INDUSTRIES

Safechem Industries



Galaxy Surfactants



Fena Pvt. Ltd.



Patanjali Ayurved Limited



IndianOil

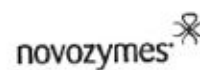
Indian Oil  
Corporation



ECOF  
Industries Ltd.



McNROE Consumer  
Products Private Limited



Novozymes



Emami Limited



Kumar Organic Products Limited  
Ingredients for us

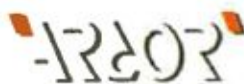
Kumar Organic Products Limited



Sealed Air



Reliance  
Industries Ltd.



ARDOR  
International Ltd.



Aditya Finechem  
Limited



Ultramarine &  
Pigments Ltd.

Ultramarine & Pigments Ltd.

# Affiliate Industry Associates



Tamilnadu Small Scale Soap  
& Detergent Manufacturers Association



Gujarat Small Scale Detergent  
Manufacturers Association



Fragrances & Flavours Association of India



Bengal Soap & Detergent  
Manufacturers' Welfare  
Association

Bengal Soap & Detergent Manufacturers'  
Welfare Association



Maharashtra Soaps, Detergent  
& Cosmetic Manufacturers Association

ASMA

Ahilya Surfactants Manufacturing  
Association

ISCC

Indian Society of Cosmetic Chemists



## **BECOME A MEMBER**

### **Founder Member**

Any corporation, partnership or other type of business entity which is engaged in the business of manufacturing, processing, packaging, marketing or servicing of Industry Products and is invited to be a member, is prima facie eligible for membership as a Founder Member subject to the payment of applicable founder membership fees. Founder member will enjoy all the privileges of Members and shall have the rights to vote at general meetings.

### **Life Member**

Any corporation, partnership or other type of business entity which is engaged in the business of manufacturing, processing, packaging, marketing or servicing including providing support services, such as logistics, chemical analysis, raw material & packing materials, databasing, computing, financial, technical consulting or legal counsel, to the Industry, and is prima facie eligible for membership as a Life Member subject to the payment of applicable life membership fees. Life member will enjoy all the privileges of Members and shall have the rights to vote at general meetings.

### **Annual Member**

Any corporation, partnership or other type of business entity which is engaged in the business of manufacturing, processing, packaging, marketing or servicing of Industry Products, is prima facie eligible for membership as an Annual Member subject to the payment of applicable annual membership fees. Annual Members will enjoy all the privileges of Members, and shall have the rights to vote at general meetings.

### **Affiliate Industry Association Member**

Any Industry Association whose members are in the business of manufacturing, processing, packaging, marketing or servicing of home & personal care Industry Products and is invited and prima facie eligible for membership as an Affiliate Industry Association Member. The Affiliate Industry Association Member is not subject to membership fees and will not have rights to vote at general meetings. Membership of Affiliate Industry Association will be subject to Board of Directors approval.

### **Honorary Member**

Any individual who has rendered distinguished service to the Association and is invited to be honorary member provided that the name of such distinguished service of the person made known in writing by the Secretary and membership will be subject to approval by the Board of Directors.

- Reached the age of 50 years
- Retired from the Industry and
- Held office in the Association or in the Industry for a period of at least 5 years or for such other period as may be specified by the Board of Directors.

Honorary Member will enjoy all the privileges of members, however, the membership is not subject to membership fees and Honorary Member will not have the rights to vote at general meetings.

# International & Regional Associates

**IHPCIA** is the member of the **International Network of Cleaning Product Association** (INCPA) and **Regional Asia Oceania Soap and Detergents Association Committee** (AOSDAC).

## INCPA Members



## AOSDAC Members



**TSDMA**  
The Soap and Detergents  
Manufacturers Association

**ISDA**  
Indonesian Soap and  
Detergents Association

**MSDA**  
Malaysian Soap and  
Detergents Association

# The Membership Fees (as of 30th September, 2017)

STRUCTURE (IN INR)					
<b>(A)</b>	<b>Founder Member</b>	5,00,000			
<b>(B)</b>	<b>Life Member</b> (By Invitation)	<b>Large Industry</b>	<b>Medium Industry</b>	<b>Small Industry</b>	<b>Micro Industry</b>
	<b>Member</b> (Manufacturing)	2,50,000	1,50,000	75,000	50,000
	Associate Member (Service Provider)	2,00,000	1,00,000	50,000	35,000
<b>(C)</b>	<b>Annual Member</b>	<b>Large Industry</b>	<b>Medium Industry</b>	<b>Small Industry</b>	<b>Micro Industry</b>
	<b>Annual Member</b> (manufacturing)	50,000	30,000	15,000	10,000
	<b>Annual Member</b> (service provider)	40,000	20,000	10,000	7,000
<b>(D)</b>	<b>Affiliate Industry Association Member</b> (by invitation)	Nil			
<b>(E)</b>	<b>Honorary Member</b> (by invitation)	Nil			

## Admisitrative Fees as on 01-04-2018

	Category	Industry Type	Members	GST	*Total	Quarterly	GST	Total
			hip Fees	@18%	Membership Fees	Administrat	@18%	Quarterly
			Amount	Amount	(Inclusive of	ive Charges	Amount	Administrativ
			(Rs.)	(Rs.)	taxes)		(Rs.)	e Charges
			Amount	Amount	Amount	Amount	Amount	Amount
			(Rs.)	(Rs.)	(Rs.)	(Rs.)	(Rs.)	(Rs.)
<b>FOUNDER MEMBER</b>								
	Founder	All	500,000	90,000	590,000	25,000	4,500	29,500
<b>LIFE MEMBER</b>								
<b>[A]</b>	<b>Member [manufacturing]</b>	Large	250,000	45,000	295,000	20,000	3,600	23,600
	<b>Member [manufacturing]</b>	Medium	150,000	27,000	177,000	10,000	1,800	11,800
	<b>Member [manufacturing]</b>	Small	75,000	13,500	88,500	5,000	900	5,900
	<b>Member [manufacturing]</b>	Micro	50,000	9,000	59,000	2,500	450	2,950
<b>[B]</b>	<b>Associate Members</b> (service provider)	Large	200,000	36,000	590,000	15,000	900	29,500
	<b>Associate Members</b> (service provider)	Medium	100,000	18,000	590,000	7,500	900	29,500
	<b>Associate Members</b> (service provider)	Small	50,000	9,000	590,000	3,000	540	3,540
	<b>Associate Members</b> (service provider)	Micro	35,000	6,300	41,300	1,500	270	1,770
*the above Membership Fee includes as on date applicable Tax, may change as per Government Policies								

**Note:**

- \* All figures are in INR.
- \* In addition to Membership fee, Administration fee is applicable for Founder members and Life members.
- \* Membership fees and administration fees are non-refundable.
- \* All the fees are subject to applicable taxes.
- \* Large Industry: Annual turnover above INR 25 Crore.
- \* Medium Industry: Annual turnover above INR 5 Crore upto 25 Crore.
- \* Small Industry: Annual turnover above INR 25 Lakh upto INR 5 Crore.
- \* Micro Industry: Annual turnover upto INR 25 Lakh.

**Registered Office**

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Phone : +91 22 2877 1857 Fax : +91-22-28789755 Email : ihpcia@ihpcia.org

**Secretariat**

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