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**Volume I**

**Issue 3**

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

**Chemistry, Cleaning and Care**

## **COVER STORY**

**Seminar Report on Concentrated Laundry  
Detergents in Water Soluble  
Film for Home Care**



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

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## Editor's Note

The home care industry is under considerable stress to lower its ecological impacts. Amongst many challenges it faces on this front is the need to reduce the amount of plastics used for packaging its products. This issue has become more urgent in recent times, with several state governments resorting to bans on the use of 'Single and Multi-layer Plastics' and more stringent regulations will follow in case the industry fails the voluntary compliance.

Pollution due to plastics used for packaging by home care industry is significant. As an example about 15,000 MT of detergent powders are used per day resulting in generation of 15 mn plastic bags per day. By use of single layer plastic of lower grammage and change of formulations to concentrated products, the voluntary target of reduction by 40% of use of plastics in 5 years will not be met.

Plastics are polluting rivers and oceans and in turn micro plastics and micro fibers are found in the food chain and this will have significant health hazard for the coming generations.

To highlight some of the options the industry can resort to, the Indian Home and Personal Care Industry Association (IHPCIA) had organised seminar on "Concentrated Liquid Detergents in water soluble films for the Home Care," in Mumbai on 30th November, 2018.

In this issue we provide you with detailed report on the proceedings of the seminar. Presentations made during the event are already uploaded on website.

In order to provide a rational solution to reduction in use of plastics there is need to create National Awareness on this important issue. IHPCIA is actively engaged in supporting regional seminars and other global initiatives like "Alliance to End Plastic Waste," made up of 30 member companies with a goal of investing \$ 1.5 bn over the next five years to help end plastic waste in the environment.



# COVER STORY

## Unit-dose: The answer to Indian detergent industry's sustainability challenges?

- Mr. Ravi Raghavan Editor, *hpicindia*

The home care industry, producing among things laundry detergents, is under considerable stress to lower its ecological impacts. Amongst the many challenges it faces on this front is the need to reduce the amount of plastics used for packaging its products. This issue has become more urgent in India in recent times, with several state governments resorting to bans on use of 'single-use' plastics, especially packaging, and indicating that more restrictions will follow in time to come.

To highlight some of the options the industry can resort to, the Indian Home and Personal Care Industry Association (IHPCIA) organised a one-day seminar on 'Concentrated laundry detergents in water soluble film for home care' in Mumbai on November 30, 2018.

### Saving water, energy and plastic waste

Speaking at the inaugural session, Mr. Sanjay Trivedi, Director, IHPCIA, stressed the need for the laundry detergents industry to work in harmony



Dignitaries at the inauguration

with nature, by focussing on saving water, energy, and its packaging requirements. He pointed out that 54% of India faces high to extremely high water stress and more than 100-mn Indians live in areas of poor water quality. "Experts predict a near-crisis water situation in coming years. Industry needs to think reformulation of detergents to address the issue," he noted.

As regards plastics pollution, he pointed to the serious harm being done to the oceans and other water bodies. While as an emerging economy, India is not as sensitive to the issue, as some other developed countries are, Mr. Trivedi cautioned that the time for taking corrective action, is now. "Else governments will force the issue," he warned.

The magnitude of the plastics problem can be gauged from the fact that India consumes about 15-kt (kilotonnes) of detergent powder every day, and in the process uses 15-mn plastic bags of varying sizes. The IHPCIA is aiming to reduce use of plastics at the rate of 10% per year, to reach an overall 40% reduction of plastics use by 2022.

### 'Move towards concentrated liquids and unit doses'

Dwelling on formulation trends in the world, he pointed to a clear movement towards use of 'green', low-foaming surfactants based on sugar, algae- and plant-based oils. A sustainable solution gaining traction globally is the use of concentrated



Mr. Sanjay Trivedi, Director, IHPCIA



liquid detergents (CLD) packed in water-soluble film (usually made from polyvinyl alcohol, PVOH) and offered to customers as a unit-dose (more commonly referred to as detergent pods).

From a formulation perspective, these unit-dose products have several advantages including high concentration of active surfactants (up to 60%); use of non-compatible high performance ingredients each enclosed in its own separate compartment; and reduction or elimination of minerals, fillers, phosphates and zeolites.

"Concentrated laundry detergents, packed in water-soluble films, have received enthusiastic response from customers in several markets where it has been introduced so far and has garnered 17% market share in the US in just five years thanks to its benefits of consumer convenience and precise dosing," Mr. Trivedi added. Whereas overall detergent demand grew at about 5% globally in 2016, the unit-dose market saw 11% growth in 2016 and an even more impressive 21% CAGR between 2012 and 2016.

Launched by Procter & Gamble (P&G) nearly 15 years ago, under its iconic trade name, Tide, unit-dose detergents are now available in several countries from several

other vendors. The complexity of the construction of these pods has also increased; recent offerings contain as many as five compartments – each having a different ingredient.

#### 'Price conscious Indian market ready'

The Indian market too, Mr. Trivedi felt, is also ready to take on this novel product as several factors are in its favour: ban on multi-layer packaging; space constraints in urban homes; stressed water availability; greater number of women in the workforce and hence demand for more convenient products etc. "Indian consumers are looking for value and are intelligent in their purchase decisions."

Given the price conscious nature of the Indian market, he felt that the focus here can initially be on a single compartment unit-dose, containing about 10-ml of laundry detergent (and other ingredients), which can serve the washing needs of a family of four. Such a pod can even be used in a bucket of water, and not necessarily only in a washing machine. "Rs. 250-300 per month is a typical spend by an Indian household on laundry. Rs. 7.5 to Rs. 10 per pod is a competitive pricing for this market. The challenge is to get the polyvinyl alcohol film at as low a price as possible," he added.

#### Several applications

According to Dr. Peter Richard, d-labs, a detergent development and testing solutions service provider based in Australia, while the markets for unit-doses are currently mainly focussed on laundry and dish washing applications, mostly using liquids, it is technically possible to formulate with powders and gels as well. "Hard surface cleaners and even manual dishwashing are some other application possibilities," he noted.

For manufacturers, pods provide opportunity for higher on-shelf price and higher margins. There is also potential for adding unique, recognisable design, which is another opportunity for branding.

Formulating for pods is different from that for conventional formulations: low water content; low to no builders; high polymer levels; solvent-soluble ingredients; higher enzyme levels; higher non-ionic surfactant levels; low to no sodium salts; and extra materials required to support the film and ensure it stays stable.

"When pods were first developed their performance was slightly inferior, but that has changed over time. The technology is now very much there to deliver the performance needed," he observed.

#### Formulation challenges

The key to formulating for pods is controlling water activity, as too much active water leads to a soft, unstable film, while too little leads to brittle, unstable films. "Reducing water activity impacts inclusion of other performance boosting materials as enzymes, builders etc. As solventsoluble materials can be expensive, creativity is required to balance aesthetics, stability and performance," Dr. Peter Richard Dr. Richard noted.



**Dr. Peter Richard**

One of the challenges with pods is incorporation of 'green' formulations, as few naturally derived solvents are commercially available and some ingredients have low solubility in 'green' solvents. Renewable surfactants such as alkyl polyglucosides (APGs) have high water content, making them difficult to incorporate into a formulation. However, fragrances can be easily incorporated; enzymes can be used without need for stabilisers; and incompatible materials (e.g. enzymes and peroxides) can be easily handled.

"Pods use for unit-dose and dilutables are likely to be the next disruptive detergent technology and a major influence on next generation detergents," Dr. Richard added.

In an Indian context a challenge can be the high demands for stain and dirt removal, which requires highly alkaline conditions – demands that are well served by powders. "This is one reason why concentrated liquids have not made a dent here in India, as would be expected based on international trends. Splitting the pod to include both – powder and liquid could be an

opportunity to overcome the limitation."

#### Novel builder systems

Mr. Sudarshan Paluskar, Excel Industries Ltd., highlighted the opportunities for novel builder systems for concentrated liquid detergents and for unit-doses. According to him, India has pockets of relative affluence that could be the target areas for pods.

Excel offers an inhibitor type

phosphonate builder, which is known to inhibit hardness at all levels from 50-ppm to 1000-ppm; enhance detergency by 25-30% at very low doses; has synergy with polymers; and shows superior anti-redeposition performance. "In-house lab evaluations have demonstrated that 1-kg of this builder, offered under the brand name DETCEL-DS-11, can offer performance equivalent to 8-kg of sodium tripolyphosphate (STPP).

"When hardness is controlled,

**Table 1**  
**Formulating for pods – the difference**

Standard Liquid	Liquid for Pods
High water – low solvent	Low water – higher solvent
Medium builder level	Low to no builder
Low to no polymers	Higher polymer level
Water-soluble ingredients	Solvent soluble ingredients
Often high sodium/potassium salts (builder, anionic surfactant)	Low to no sodium/potassium salts (trend toward MEA/TEA)
Lower levels of enzymes	Higher enzyme levels
Lower level non-ionic surfactant	High non-ionic surfactant level
All materials used for performance	Extra materials sometimes required to support the film (e.g., polymers)

**Table 2**  
**Benefits of pods**

Environmental benefits	Consumer benefits	Manufacturing Benefits
No overdosing – reduced environmental chemical load.	Compact – light for transport, small storage.	Significant reduction in packaging costs – potentially higher margin.
Significant reduction in packaging/no packaging remaining.	Simple to use.	Often higher on-shelf price – higher margin.
Reduced energy usage.	No overdosing.	Smaller batch sizes/larger number of units per batch.
Reduced water usage.	No mess.	Reduced water usage in manufacturing.
Fewer emissions from transport.	Reduced/no waste from packaging.	Reduced manpower costs.
Lower carbon footprint	Potential to purchase individual washes	Reduced manufacturing power usage (e.g., pumping water, shorter runs, smaller batch size).
	Reduced transport emissions – health effects.	Reduced warehousing space required & lower shipping costs per unit (more units per container).
		Potential for adding unique, recognisable design. Another opportunity for branding



the detergent can perform near the true CMC. Concentration of builder at 0.5-1.0% in powders and 0.25% in liquids can achieve the desired objective. This low dosage of builder is the need for compact and liquid type detergents," Mr. Paluskar noted.

According to him, this builder can be made available in a concentrated form, and can be used at half the level of the builder currently used in Tide pods.

### 'More and more shelf space in modern trade'

Mr. Balakrishnan Ramakrishnan, Regional Marketing Manager, India and Africa, Novozymes South Asia Pvt. Ltd., pointed out that unit-dose and liquid detergents are now driving the global laundry detergent market. "Liquids and powder detergents still hold major market share, but unit-dose is showing good growth. Unit-dose is now getting a lot of shelf space in modern trade, and retail is a lead indicator to future market share," he pointed out.

However, he cautioned that most transitions from powders to unit-doses have happened through concentrated liquid detergents and only in a few countries (e.g. UK) has a more direct powder to unit-dose transition taken place.

Besides the major FMCG companies (such as P&G, Unilever and Henkel),

private labels too are beginning to make a mark in unit-doses, although their share still remains small. "Unit-dose is more expensive than liquid detergent – but despite this due the convenience the reaction to their introduction has been positive. Surveys indicate that unit-doses are mostly purchased (71%) on promotion, and that 25% of consumers do their laundry 4-6 times a week."

According to Mr. Ramakrishnan, the average performance of liquid pods of two chambers is higher than the ones with only one chamber, and addition of enzymes can increase the level of performance, even in onechamber pods. "The difference in format is not seen on cost per wash, but maybe on production cost."

### Specialised machinery needed

A significant portion of the manufacturing costs of pods stems from the need for specialised machinery to handle PVOH films and reshape them in the form ultimately required with the ingredients suitably encased. PVOH films have several unique properties like stickiness, formability and memory effect, water absorption, and sensitivity to heat and moisture, which must be factored into the design and operation of the machines.

Two types machines are used for making pods:

➤ Rotary (drum) processing machine in which all functions – forming, filling, sealing and cutting – are carried out over 180°. This is the most economic build style, space saving and is relatively low cost to operate. The Cloud Hydroforma is a leading brand in this category.

➤ In linear (flat bed) machines the main processes are carried out in a linear manner. The high output machines (capable of producing 800- 1,600 pods per minute) are especially well suited for complex designs

According to Mr. Fritz Major, Harro Hofliger, entry into the pods business is made difficult in EU and USA due the many patents on design, product, ingredient, process and machine style, especially by the market leader P&G. Harro Hofliger, he added, too has a strong patent position. "No machine on the market is free of risk from a patent held by P&G," Mr. Major warned.



In the linear machines, forming of the PVOH film is done through a combination of heat and vacuum. Films are normally cast films (not blown), and even a little bubble can lead to a leakage. While liquid filling is easier than for powders, gel dosing is also challenging as it does not flow easily and handling requires time, which a flat type machine can provide.

**Table 3**  
**Detergent market – by type**

Region	Powder	Liquid	Unit dose	Market size
North America	10.0	73.1	16.9	9,103
Central & Western Europe	29.6	49.3	21.0	9,506
Eastern Europe	79.1	12.9	8.0	3,621
Japan	23.2	65.8	10.9	2,411
Latin America	79.2	19.9	0.9	7,718
Middle East & Africa	92.8	6.7	0.5	5,940
Asia-Pacific	79.2	20.7	0.1	16,930
Australasia	53.7	44.5	1.8	546

Source: Novozymes/Euromonitor

## Seminar Photos





## Seminar Photos



# ARTICLE

## Trends shaping the Personal Care Industry

### - AVA Chemicals Pvt. Ltd.

According to a report by Indian Beauty & Hygiene Association (IBHA), the beauty and personal care (BPC) segment in India is expected to touch \$10 billion by 2021 growing at an annual rate of 5-6 per cent on the back of evolving consumer awareness and aspirations.

In the past, brands alone would define what qualified as beauty. Now however, with multiple options to choose from, consumers are in the driving seat and have a larger say in the ever-evolving perception of beauty.

In 2018 and beyond, as consumers create their own definitions of beauty which look beyond age, gender, and body type, brands that try to appeal to the 'mass' will miss the mark. Consumers will demand that their individual needs are catered to with multiple options or customisable beauty. Brands will have to embrace inclusivity and address individual beauty concerns, which will result in more personalisation of their products. Elaborated below are some major trends set to influence the sector.

#### 1.) Better informed and empowered customers

Using and marketing natural ingredients within personal care products is vital in addressing growing consumer concerns. Consumers today are more knowledgeable and wary of chemical ingredients found in their cosmetic products. Delivering organic products and creating formulas free of chemical ingredients will be key to appeal to the modern consumer. Organic formulations and natural ingredients are fast becoming a standard within the segment.

The growth in the demand for natural and organic personal care products is expected to continue to grow rapidly. The beauty and personal care industry's approach to natural and sustainable ingredients will have to adapt accordingly. A shift to become more 'environment friendly', with the possibilities for creating allergen-free, pure and safe ingredients through science could replace the existing system of sourcing ingredients.

This can also be attributed to the awareness among consumers about various side effects caused by using chemical-based synthetic products. Increased realization of the advantages of personal care products made of organic ingredients such as almond, jojoba, palm, etc. is a key driver for the segment. Most organic products come with certifications proving that they are made of organic ingredients and do not contain ingredients such as petrochemicals, parabens, aluminium salts, etc. These certifications too will help drive sales of these products as consumers have more faith in certified products.

#### 2.) Growth in emerging markets

According to a report by KPMG, Asia Pacific represents the largest share (29 percent) of the global personal care products market, with sales fueled mainly by population growth, urbanization and increased per capita spending power.

The demand for personal care ingredients is being driven by consumers' rising disposable income and their increased awareness of the benefits of using better quality skin care, hair care, and oral care products. The rising pollution level in several countries is another factor helping the skin care and hair care product segment.

As health and wellbeing become a focus point seen across FMCG from packaged food, personal hygiene to home cleaning, a wider lifestyle shift and an evolving attitude towards home care is in the works. Hygiene terms that would only earlier only be associated with professional environments such as "disinfecting" and "sanitizing" are now commonly used, indicating that household cleaning has become an obligation.

#### 3.) Digital technology will make shopping more personal

With so many options on the shelves, time-pressed consumers will appreciate a more easy and efficient shopping experience. New technology can interpret consumers' behavior online, determine their product preferences and even offer help. The days of social media being purely social are long gone as companies transform these online interactions into shopper opportunities. Brands will be able to follow and engage their consumers everywhere, to influence their product purchases and helping them navigate the complexities of the beauty aisle. With data on consumers' every move, brands can offer unprecedented customization during the shopping experience.



But simply selling a great beauty product will no longer be enough; brands must also have a personality and a purpose that align with consumers' own beliefs in order to win their loyalty. Unlike earlier times, the onus is now on brands to impress consumers with a human-like personality that is personable, relatable and sincere for Millennials and Generation Z.

#### 4.) More men in cleaning and grooming

In the last few years, the male grooming market has witnessed impressive growth. The men's haircare market alone is estimated to grow significantly, with every third male consumer proactively seeking out brands specifically designed for men. This trend is reflected throughout the personal care industry. As beards are now being considered fashionable again, the facial hair trend has picked up significantly in just the last two years, giving a boost to the shaving and depilatory market.

The traditional gender roles of men and women around the house have blurred as more men now fend for themselves at home and take on a greater share of the housework. Young men are more likely now than ever to live alone since they delay marriage. As a result, they have higher levels of disposable income to spend on their upkeep and wellbeing. An increase in the number of males in this space has resulted in brands widening their range of products that men consider as acceptable. Following the shift in balance between the sexes, manufacturers will take into account gender differences and will increasingly look for ways to segment their markets and target consumers more effectively.

#### 5.) Growing demand for multi-functional products

Saving time has become top priority. This puts focus on products that enable consumers to either save time through outsourcing tasks or multi-task through more flexible options. For example, detergent tablets are competing with liquid or powder detergents packed in single-dose sachets. Closer home, Cavinkare Pvt. Ltd., Chennai headquartered company promoted by Mr.C K Ranganathan having turnover of over Rs.1500 crores, launched an innovative 10 minutes crème hair colour - CavinKare's Indica. A first of its kind low-cost, unisex crème hair colour pack that lets users colour their hair much faster.

The rising demand for multifunctional personal care products will continue to be an important driver of the global personal care market. Products that offer multiple benefits will be popular, especially among consumers who have busy schedules and are cost conscious. For them, such products offer streamlined solutions. Hence, manufacturers are focusing on developing products that perform at least dual functions. For example, UV protection products, which can also be used as makeup. 2 in 1 products are proving more popular than ever, such as combined shampoo and conditioning products. These products are aimed towards saving the consumers' time, whilst ensuring that their beauty regime is not compromised. There are opportunities with packaging and marketing claims to highlight the timesaving benefit of these products.

To woo over today's consumers, brands will have to redefine the shopping experience to satisfy the customers' needs by offering unique, convenient, and technologically advanced offerings. They will have to engage with the Multicultural Millennials online and on Social Content to influence their buying habits. They can do this by creating informative content by experts instead of brand messages: e.g. blog posts by professionals, providing tutorial and product demonstration videos and even incorporating influencers as a part of their strategy to win over consumers.

Providing a well-designed and seamless online shopping experience can help brands get loyalists instead of one-time consumers. By incentivising loyalty via consistent reward programs, brands can engage and attract high levels of deal-oriented shoppers. By providing their customers with meaningful offers and superior experiences, these programs would have the potential to even foster long-term loyalty.

AVA Chemicals have been formulating and providing premium-grade chemicals to national and international clients in over 40 countries. In time, AVA Chemicals has progressed to become an accredited supplier of chemicals among its other offerings. With a solid value chain in place, AVA Chemicals is a trusted provider for leading FMCG companies such as HUL, Dabur, ITC, Amul and Emami among many others. It aims to be known as an ethical company providing speciality chemicals to companies who manufacture products that are used in day-to-day life, thus touching the lives of millions of people.

For more information please visit [www.avachemicals.net](http://www.avachemicals.net) or email us at [relations@avachemicals.com](mailto:relations@avachemicals.com)

\*Source:

1. [http://www.business-standard.com/article/companies/beauty-personal-care-market-to-touch-10-bn-by-2021-ibha-report-117061100171\\_1.html](http://www.business-standard.com/article/companies/beauty-personal-care-market-to-touch-10-bn-by-2021-ibha-report-117061100171_1.html)

2. <https://home.kpmg.com/xx/en/home/insights/2016/07/chemical-suppliers-keep-pace-global-personal-care-markets.html>

# INDIAN NEWS

## Amway India forays into the herbal toothpaste market

Amway India the country's largest FMCG direct selling company has announced the launch of its latest innovation - 'Glister Herbals Toothpaste', to mark its entry into the herbal oral care market.

Building on its Rs. 100 crore brand - Glister, the new herbal oral care product is a seamless blend of numerous herbal ingredients with appealing taste and pleasing color to suit everyone's palate. With this new and advanced product, Amway aims to target the flourishing Rs. 1980 crore oral care segment in India.

Announcing the launch of Glister Herbals, Sundip Shah, CMO, Amway India, said, "Glister has been one of our most popular global brands. A bestseller for over five decades, it has won the trust of millions of consumers worldwide and has been an integral part of their oral hygiene routine. Keeping with our commitment of offering highest quality products and addressing the increasing demand for natural and herbal alternatives for long-term healthy living, Glister Herbals is an expansion of our flagship brand and indigenously developed for our Indian consumers."

He further added, "The industry for herbal oral care products has grown significantly in recent years, fueled by consumers' preference for herbal solutions and trust in their long-term benefits. However, our research\*\* empirically highlights the need for likeable sensorials – a gap that exists in the available offerings in the market currently. This often leads to consumers shifting to regular and non-herbal products. Glister Herbals' has the goodness of herbs with great taste and appealing colour. With this powerful mix, we aim to transform the product usage experience and long-term adoption of herbal toothpastes in the market and I am confident in our latest innovation and its potential to transform the category"

Anisha Sharma, Category Head, Beauty & Personal Care, Amway India, added, "Glister Herbals is best defined as the herbal oral care solution from Amway offering great taste with the goodness of herbs. This multi-action toothpaste is enriched with 11 ingredients such as spearmint, clove, ginger, neem, mulethi, among others, which are known for their benefits and great taste. It also has biodegradable microbeads of essential oils comprising clove and tea tree to ensure maximum efficacy of the constituents. The goodness of herbs promises 12-hour germ protection and fresh breath benefits along with remineralization and teeth whitening." #

She further added, "We are excited with the business opportunity offered by the market. In order to ensure national wide reach and to engage consumers, we are introducing digital activations across platforms and organizing dental camps in key markets. As ingredient story and taste is key to the success of our new herbal offering, we have begun taste challenges for our direct sellers for which we have received an overwhelming response. We are sure that the Glister Herbals will receive favorable response from the consumers."

(ET Brand Equity.com January 09, 2019)





## FASSAI prohibit packaging material of recycled plastics including newspapers and carry bags to wrap food items

Food businesses need to comply with new packaging regulations that bar use of recycled plastics and newspapers to wrap food articles by July 1, regulator FSSAI said on 3rd January 2019. The new regulations prohibit packaging material made of recycled plastics including carry bags for packaging, storing, carrying or dispensing articles of food.

Taking cognizance of the carcinogenic effect of inks and dyes, the norms also prohibit the use of newspaper and such other materials for packing or wrapping of food articles and includes respective Indian standard for printing inks for use on food packages.

"The new packaging regulations would raise the bar of food safety in India to the next level," Food Safety and Standards Authority (FSSAI) CEO Pawan Agarwal said in a statement.

He also said that there would be "difficulties" in implementation of these regulations by the unorganised sector and therefore sufficient time has been given before the regulations come into force.

"The food businesses shall have to comply with these regulations by 1st July, 2019," he said.

Agarwal also mentioned that stakeholder's consultation and mass awareness building amongst consumers and food businesses would precede implementation of the new packaging regulations. Besides general and specific requirement with respect to packaging materials, the FSSAI said new regulations also prescribe overall migration and specific migration limits of contaminants for plastic packaging materials.

The regulations specify the suggestive list of packaging materials for different food product categories. As per these regulations, packaging materials used for packing or storing the food products should conform to the Indian standards provided in the schedules.

The new norms will replace all provisions with respect to packaging requirements prescribed in the Food Safety and Standards (Packaging and Labelling) Regulations, 2011. Recognising the importance of packaging in the food sector and its impact on food safety, packaging regulations have been separated from labelling regulations.

The primary objective of packaging is to protect the food contents from micro-biological, chemical, physical and atmospheric contamination and preserve the food and thereby protect consumer's health.

Good packaging also ensures that there is no change in sensory properties or composition of food when packed. Packaging is essential and critical for promoting food safety, extended shelf-life and thereby enhancing food security.

(BusinessToday - 3 January, 2019)

## Duties on crude, refined palm oil imported from ASEAN dropped

The Central Board of Indirect Taxes and Customs (CBIC) in a notification has said that it has cut import duties on crude and refined palm oil effective 1st January 2019 to comply with preferential trade pacts with Southeast Asian nations. The import duty on crude palm oil, originating from Malaysia, Indonesia and other members of Association of South East Asian Nations (ASEAN) has been cut to 40 per cent from 44 per cent,

The duty on import of refined palm oil has been lowered to 45 per cent from 54 per cent, if it is imported from Malaysia, and to 50 per cent, if it is imported from members of the ASEAN, which includes Indonesia.

While India is the largest importer of palm oil, Indonesia is a major producer of edible oils, particularly palm, followed by Malaysia. Palm oil accounts for bulk of the total edible oils imported annually.

The duties have been cut, CBIC said "to provide deeper tariff concessions in respect of specified goods" when imported from ASEAN under the India-ASEAN Free Trade Agreement and Malaysia under the India-Malaysia Comprehensive Economic Cooperation Agreement (IMCECA).

(Chemarc.com - 2 January, 2019)

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## Indian regulator orders J&J to stop using raw material to make Baby Powder in India-source

India's drugs regulator has ordered Johnson & Johnson (JNJ.N) to stop manufacturing its Baby Powder using raw materials in two of its Indian factories until test results prove they are free of asbestos, a senior official said.

The official at the Central Drugs Standard Control Organization (CDSCO), who declined to be named citing the sensitivity of the matter, said a written order had been sent to the U.S. company telling it to stop using the "huge quantities" of raw materials stocked in its plants in northern and western India.

The company said on Wednesday that Indian drug authorities visited some of its facilities and took "tests and samples" of its talcum powder. It also said that the safety of its cosmetic talc was based on a long history of safe use and decades of research and clinical evidence by independent researchers and scientific review boards across the world.

The visits came as the CDSCO and state-based food and drug administrations launched an investigation into J&J's Baby Powder following a Reuters report last Friday that the firm knew for decades that cancer-causing asbestos could be found in the product. J&J has described the Reuters article as "one-sided, false and inflammatory".

The company told Reuters that it is in full compliance with the current Indian regulatory requirements for the manufacturing and testing of its talc.

"All talc in India is sourced and exclusively sold in India and surrounding markets – including Sri Lanka, Bangladesh, Nepal, Bhutan, Maldives – and fully meets the regulatory standards of the Government of India," the company said in an emailed statement.

J&J also said its talc is routinely tested by both suppliers and independent labs to ensure that it is free of asbestos.

Asked if the order meant the company would have to stop producing its ubiquitous baby powder in India for now, the official at the drugs regulator said that was "the inference you have to take" at least as far as the stores of raw materials were concerned.

"We have told them until this investigation concludes, you should not use the raw material. Test results will take time," the official said. "Testing for asbestos is not a routine procedure. It might be in traces. It will require us to develop a method and all those things."

(<https://finance.yahoo.com> - 21 December, 2018)



## Galaxy Surfactants Ltd. bags ICIS Innovation Awards for Best Process Innovation – Green Process Innovation for manufacture of amino acid surfactants used in Personal Care products



Dr Nirmal Koshti, Director of Innovation at Galaxy Surfactants Limited along with other winners at the ICIS Innovation Awards held recently.

Galaxy Surfactants Limited, one of the fastest growing speciality chemical companies has been awarded Green Process Innovation Award at the 15th ICIS Innovation Awards which were held recently in London. ICIS is the world's largest petrochemical market information provider.

Galaxy Surfactants wins the Green Process Innovation recognition for the manufacture or novel catalytic route to amino acid surfactants.

Dr. Nirmal Koshti, Director of Innovation at Galaxy Surfactants Limited believes that if a product is not good for the environment, then it loses its charm. It is important that both the product and the process of making it are eco-friendly. This attitude was the main driver behind search and subsequent invention of a "smart catalyst".

The Best Process Innovation category saw a number of strong entries, but the judges elected to give the award to Galaxy Surfactants for its novel, environmentally friendly process to produce N-acyl amino acid surfactants.

These mild anionic surfactants find uses in personal care products such as skin and hair care, providing cleansing as well as sensory benefits. The process of amino acid surfactant manufacture employing 'the smart catalyst' meets all the norms of Green Chemistry. Since the catalysis is effected by the surfactant which is non-toxic & biodegradable, one doesn't have to isolate from the intermediate or end product unlike the traditional process. It therefore addresses all the woes of conventional manufacture of amino acid surfactants.

Acknowledging the Global Award for Process innovation, Mr. U. Shekhar, Managing Director, Galaxy Surfactants Limited said, "Sustainability is an important part of Galaxy's strategy to give attention to the environment and provide sustainable technological development. This matches with our belief in a collective commitment to Do Good, Do Well. "

This innovation is applicable to an entire family of amino-acid based surfactants and can be extended to other acid chlorides in general that are intermediaries for a variety of chemical industries.

Dr. Koshti feels that Galaxy's strong desire to create new value through innovation has led to this breakthrough. The process of manufacturing is based on smart chemistry, wherein the surfactant is used to catalyze the synthesis of the precursor of the same surfactant. This is a case of 'surfactant catalyzes synthesis of surfactants', making it a closed-loop manufacturing process.

On a concluding note, Mr. U Shekhar added, "We are committed to developing an ecosystem that supports disruptive thoughts to create new products or processes and add value through Innovation."

(www.forevernews.com - 18 December, 2018)

## Amcor opens new home care packaging site in India



Growing demand for Unilever's laundry products in India has created a need for quality packaging, which Amcor will satisfy with a new manufacturing plant dedicated to the needs of the global consumer-goods giant.

Amcor's efficient new factory in Bharuch, Gujarat, in the Western region of India started operations this week after an official ceremonial event in October with executives from both companies.

As part of a seven-year agreement with Unilever signed in 2017, Amcor, the global packaging leader, made a substantial investment to build and equip the state-of-the-art Bharuch plant.

"Across all home-care categories, consumers in India are choosing products with packaging that provide them with the most convenience," said Michael Zacka, president of Amcor Flexibles Asia Pacific, who attended the ceremony.

Mr Zacka said the site brings new-technology flexographic printing to the India market, and will be "a centre of excellence for product development and sustainable packaging solutions."

The new plant is producing packaging for Unilever that will meet the rapidly evolving expectations of the company and the consumers who buy its products. The 8,000-square-metre plant has three lines that will run 24 hours a day, producing flexible packaging using advanced flexographic technology. From initial employment of 50 people, Amcor anticipates the team in Bharuch to grow to 180 by December 2019.



Mr. Zacka said customers, suppliers and Amcor people should see the investment as evidence of his company's "strong belief in India's tremendous present and future, and the huge opportunity for Amcor and all our stakeholders."

After cutting a ceremonial ribbon, Henk Sijbring, Vice President, Packaging Procurement, Unilever, described the site opening as a major milestone in the global partnership between Unilever and Amcor.

"This is the culmination of several years of strong collaboration and business growth between Unilever and Amcor," said Mr. Sijbring. "The hub model, and the innovative ways of working it enables, is the first of its kind in packaging for Unilever and represents another significant commitment in this long-term partnership. The hub will enhance the capabilities of both companies to further delight consumers with market leading sustainable and innovative packaging solutions," said Mr. Sijbring.

Unilever and Amcor have both committed to make all their packaging recyclable or reusable by 2025, to increasing the use of recycled content in plastic packaging, and to working with others to drive up recycling rates around the world.

The Bharuch plant is one example of Amcor's broad, global environmental program, which sets ambitious targets for reducing greenhouse gas emissions and energy and water use for the company's 200 locations around the world. The local Amcor team intends to have the site certified for sending zero waste-to-disposal.

(www.amcor.com - 12 December, 2018)

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## Thane-based Skincare startup Plum raises series A Funding from Unilever

Thane-based skincare products startup Pureplay Skin Sciences, the parent company of Plum, has raised an undisclosed amount in Series A funding from Unilever Ventures, the venture capital and private equity arm of consumer giant Unilever.

The company plans to use the fresh funds to scale up its operations both in the online and offline spaces. This is the first significant funding round the bootstrapped company has raised since its inception. Founded in 2013 by Shankar Prasad, Plum claims to be a 100% vegan beauty brand and offers skincare, cosmetics, body, and bath products.

"We have had a long-term interest in digital-first beauty brands and have been impressed with the work Shankar and his team have been doing over the last few years, crafting the Plum brand, with a clear positioning and purpose, appealing to an engaged consumer audience," said Pawan Chaturvedi, investment director at Unilever Ventures.

In July, the company claimed to serve 50K customers per month across channels and registered a topline growth of 150% y-o-y over the last two years. Plum also claims to be profitable at the company level and says that in one year, it has increased its brick-and-mortar retail sales to more than 20% of its total sales.

Shankar Prasad said that the company had doubled its turnover for the financial year 2018 and has also expanded its portfolio to include men wellness products. The average order size for the company remains \$12.5-\$13.9 (INR 900-INR 1000). With the fresh funds in its kitty, Plum is looking to reach a monthly turnover of \$2.78 Mn- \$4.17 Mn (INR 20 Cr- INR 30 Cr) and targets \$13.91 Mn (INR 100 Cr) in next 12-18 months.

(Livemint - 11 December, 2019)

## Marico eyes stronger footprint overseas

With its international business witnessing good growth, home-grown FMCG company Marico is eyeing a stronger footprint in core foreign markets such as Bangladesh, Vietnam, West Asia, and North Africa and South Africa.

"All geographies have done well except for South Africa where there are macro headwinds," Vivek Karve, Chief Financial Officer, told BusinessLine, adding that Marico was "eyeing double-digit constant currency growth across core international markets." Constant currency growth refers to a top-line growth calculated excluding the impact of foreign exchange and currency fluctuation.

In Q2 of this fiscal, the international business witnessed an 11 per cent constant currency growth (translating into an 18 per cent year-on-year growth in value terms). Profit before interest and tax to sales improved on a y-o-y basis, from 15.8 per cent in Q2 FY17, to 17.3 per cent in Q2 FY18 and to 17.7 per cent in Q2 FY19.

### Improved performance

According to an Edelweiss Securities report, international business in South-East Asia (mainly Vietnam and Myanmar) recovered to grow by 14 per cent.

Vietnam, which was lagging for nearly five quarters because of issues relating to the 'route to market', witnessed a double-digit growth, while in Bangladesh, another key market, the topline grew by 10 per cent y-o-y (volumes up 3 per cent), in constant currency terms.

Both Egypt and the West Asian businesses posted double-digit volume growth during the quarter. Business in the MENA region too witnessed double-digit growth, for four quarters in a row, the report stated.

### Diversifying portfolio

According to sources, Marico has been diversifying its product portfolio in core international markets for quite sometime now. Strategic investments were made and these are now paying off.

For instance, in Bangladesh, it "de-risked" the portfolio. From a coconut-oil only portfolio (driven by Parachute), it started pushing in a mix of non-coconut oil offerings. The mix of non-coconut oil portfolio has gone up from 20 per cent in FY16 to 26 per cent in FY18. And, according to Karve, it is likely to become 30-35 per cent over the next 2-3 years. (The non-coconut oil portfolio grew by 40 per cent year-on-year in constant currency terms.)

Similarly, in Vietnam, it entered the female grooming segment with a brand called 'Sedure'.

In Myanmar, the company extended the scope of its value-added hair oil, while in the Gulf it introduced coconut oil and tonic products under the Parachute franchise.

(Hindubusinessline - 27 November, 2018)

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## Now, FDA can fine chemists for violations

The legislative assembly have passed a bill that empowers the state's own licensing authorities such as food and drugs administration (FDA) to slap a penalty on manufactures, Sellers or distributors of drugs, cosmetics, homoeopathic, ayurvedic, siddha or unani and those involved in operation of blood banks in case of breach of conditions.

The existing rules provides only for cancellation or suspension of licenses by authorities if they believe that any of the license conditions have been flouted. The drugs and cosmetics Act, 1940, does not empower licencing authorities to impose penalty for moirnor contraven-tions of licensing conditions. As a result more than 5,000 cases relating to slapping fines are pending with the appellate and the Bombay high court for more than five years.

(Times of India - 29 November, 2018)



## Amway enters herbal market with new skincare range

Direct selling company, Amway India, has forayed into the herbal skincare market with the launch of the 'Attitude Be Bright Herbals' range, the company said in the media release. With the new range, Amway is aiming to tap the high potential Rs 2000 crore herbal skincare segment in India.

This skincare range from Amway consists of three products - a day cream, a night cream, and a face wash. According to the company, Nutrilite Traditional Herbs range, introduced earlier this year will cross the Rs 100 crore mark by year end.

"At Amway, our focus has been on offering products that address the needs of the discerning Indian consumers. The Indian herbals segment offers a huge potential and we are focusing on tapping that potential by developing and introducing innovative and distinctive quality products within our existing categories," said Anshu Budhraj, CEO, Amway India.

Bollywood actor Farhan Akhtar is the brand ambassador for the Nutrilite range of Amway in India.

Amway India, has previously entered in Weight management program called 'W.O.W.' (Will over Weight) and also forayed into consumer durables segment with the launch of a premium cookware range Amway Queen and the Energy Drink and Sports Nutrition segment.

Amway India is a wholly owned subsidiary of Amway with headquarters located in Ada, Michigan, USA. The company sells its products in over 100 countries & territories. Amway's manufacturing facility in India is located at Nilakottai in the Dindigul district of Tamil Nadu. (ETRetail.com November 27, 2018)

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## P&G Reports Growth in India

Procter & Gamble CEO David Taylor expressed optimism about the Indian market in the company's latest earnings call last week. The sub-continent is one of two markets, along with Turkey, that grew in double-digits for the year ended June 30 and growth is coming through all sub categories.

Some of P&G's key market categories in India include detergents, shampoos, feminine and baby care, male grooming, over-the-counter products, and oral care. In April, Madhusudan Gopalan took over as the India managing director-cum-chief executive officer from AI Rajwani with a clear mandate of pushing up sales growth.

According to Taylor, India baby care sales grew 34% in 2018 fiscal year, coming at a time when it faced stiff challenges in the segment in markets such as the U.S.

(Nonwoven-industry.com - 19 November, 2018)

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## L'Oréal India wins judgement on counterfeits against Shopclues

In a judgment passed by Delhi High Court, L'Oréal India won a lawsuit against e-commerce website Shopclues for selling counterfeit products.

The website was restrained from dealing in L'Oréal products by way of a permanent decree after a 4-year long legal battle.

In the domain of intermediary liability of e-commerce websites, the court observed that the websites and online marketplaces ought to operate with caution if they wish to enjoy the immunity provided to intermediaries.

The court held that Shopclues was disqualified for the exemption under Section 79 of the Information Technology Act, 2000 as the website's role was more than that of an intermediary.

"Counterfeits is a serious issue faced by the beauty industry in India across online and offline platforms. This verdict will help us fortify our fight against online counterfeiting rampant on such marketplaces. We understand the importance of consumer protection and are hence encouraged by this first-of-its-kind decision," said Amit Jain, Managing Director, L'Oréal India.

The court also directed the website to disclose complete details of all its sellers and their addresses, obtain certificates from sellers stating that the products are genuine and obtain the brand's permission before uploading any of its products for sale on their platform. (Moneycontrol.com - 16 November, 2018)

## Godrej Consumer to go slow on acquisitions, take stock of past investments

After pursuing an acquisition-led strategy for much of the past decade, Godrej Consumer Products Ltd (GCPL), the maker of Cinthol soaps and Hit insecticides, has now paused to take stock of its past investments, said a top executive.

Since 2010, the home, hair and personal care products maker has made about 20 acquisitions, according to Venture Intelligence, a research firm tracking private equity and M&A transactions. The firm now gets close to half its revenue from developing economies of Indonesia, Sub-Saharan Africa and Latin America. This is as per the firm's 3x3 strategy that focuses on three verticals in as many geographies. However, Godrej Consumer's international business has been pulling down Ebitda margins. Ebitda stands for earnings before interest, tax, depreciation and amortization.

In financial year 2018, for example, its India business earned an Ebitda margin of 24.8% but the consolidated margin was lower at 21.3%. Even in the June quarter for 2018-19, the India business earned an Ebitda margin of 21.9% compared with the consolidated level of 18.3%.

"There is a higher scrutiny that we want to place on ourselves before we make any more acquisitions," said Vivek Gambhir, managing director and chief executive officer, Godrej Consumer, reiterating that the company does not expect any meaningful acquisitions over the next 12-24 months at least.

The promoters, though are not averse to acquisitions. "We will always look at acquisitions and disinvestments," said Adi Godrej, chairman, Godrej Group. However, this time round, the management will wait till it "earns the right" to make capital demands.

One of the reasons for the lower return on capital is Africa, which accounts for nearly half of its international revenues. The macroeconomic issues in South Africa—such as, currency devaluation, higher fuel inflation, increase in taxes and transporter strikes have impacted the region. To be sure, the sale of its UK consumer business during the July-September 2018 quarter is likely to improve profitability. However, GCPL's sales growth may get affected since it contributed to only 5% of sales in fiscal 2018.

On the bright side, the Indonesia business, which accounts for close to 30% of the total international business, is rebounding as the company has now tweaked its operating model and also launched new products that are doing well. "The Indonesia business reported 10% growth over the year-ago period in constant currency terms after reporting revenue decline for seven straight quarters," said Tejashwini Kumari, analyst at brokerage India Infoline Ltd .

Meanwhile in India, the firm has entered into new categories like air purifiers and handwash. It has also forayed into the salon segment with Godrej Professional hair colour. "We will get into a few more categories in the next 6-12 months. In India, it is better to grow organically as we are not finding any interesting brands to acquire," said Gambhir, who feels it's easier to build than buy niche brands as they are not likely to cross ₹100 crore in revenues.

This is in contrast to peer Marico Ltd's strategy. The Parachute and Saffola oils maker plans to grow in the premium space by acquiring 4-5 niche brands and also launching some of its own brands over the next two years. The idea is that even if two of these brands cross ₹100 crore in revenues they would be considered a success, Saugata Gupta, managing director and chief executive officer, Marico had told Mint in August.

Also valuations are steep. "There aren't many interesting candidates with scale and, second, the size of the deal will have an impact on the return on capital due to high valuations," said Gambhir. (Livemint - 11 October, 2018)



## P&G India fund to invest in Indian start-ups

Procter & Gamble India (P&G India) said it has established a multimillion-dollar fund to invest in Indian start-ups and pursue a collaborative growth strategy. The company, however, did not disclose the size of the so-called Innovation Sourcing Fund.

P&G has also launched a first-of-its-kind programme, vGrow, which will identify and collaborate with small businesses, individuals and large organizations, and offer innovative industry-leading solutions.

"The Indian market has been at the forefront of innovation and continues to be a priority for the company, globally. We are confident that through vGrow and Innovation Sourcing Fund, we will be able to identify and implement cutting-edge solutions that are a strategic fit for us on our journey to grow sustainably," said Madhusudan Gopalan, managing director and chief executive officer, P&G India sub-continent. The company held a two-day summit to connect with its vGrow external partners across functions—from supply chain and raw material vendors to brand and marketing agencies, and packaging companies—to pitch and share their ideas.

P&G is also launching an online platform, P&G Hackathon, to enable start-ups, small businesses and large organizations offer innovative solutions and secure business opportunities with the company.

In the past couple of years P&G's global peers, including Unilever Plc, Colgate-Palmolive (India) Ltd, Diageo Plc and Coca-Cola Co. have also set up their own venture funds. "In our view, it makes a lot of sense for large, incumbent industry leaders to set aside some capital to be deployed in start-ups," said Vivek Soni, partner and leader of private equity advisory, at consulting firm EY India.

He said organizational inertia inhibits large corporates from demonstrating the level of nimbleness that start-ups have. "The choice is clear, be disrupted or be with the disruptor."

(LiveMint - 11 October, 2018)

## ITC plans to shift focus in personal care

In a change of strategy to maximise profit growth rather than just chasing volumes, cigarette-biscuit-hotel major ITC will no longer enter any low margin and low growth categories in personal and home care business, a senior company official said. Analysts said ITC failed to cut much ice in high competition and high volume categories like soaps and shampoos and wants profitable growth in personal care as part of its overall plans to become a market leader in India's pure play FMCG market.

ITC's CEO of personal care products business, Sameer Satpathy, said as a strategy all recent launches in this business have been in categories with high margins and high growth rates. "We will launch a new personal care brand or product every month with focus on innovation-led, differentiated, and high utility products which can break the clutter in any category," he said.

Some of the recent launches, which are even first to market, include compact hand sanitizer in the shape of a pen under Savlon brand and a completely natural floor cleaner Nimyle, which ITC recently acquired and is now taking national. Others like premium skin care brand Dermafique and pocket perfume Engage ON too are scaling up profitably.

It has also relaunched the Charmis skin care brand it acquired last year. Satpathy said building an engine of innovation has been at the forefront to drive profitable growth in the personal care business. "Already 20% of the personal care business is driven by new product innovations in categories like fragrances and skincare," he said. Analysts say pursuing the current strategy will enable ITC to premiumise its personal care portfolio faster so that the per gm or ml price can be more than competition.

"With the new strategy, ITC will also drive instant results since it failed to gain much share by its earlier focus on volume driven categories like soaps and shampoos where there is hyper competition with companies like HUL and P&G controlling leadership for decades," said Edelweiss Securities senior VP Abneesh Roy.

Roy added this will also ensure ITC can drive gross margin from personal care in its overall FMCG business which till now was driven by food and stationery "Herein ITC's strong R&D capabilities will come into play which all new entrants cannot match."

(Economic Times - 1 October, 2018)

## UK Laundry company Micronclean inaugurates cleanroom laundry in Bangalore

Micronclean, the privately-owned UK laundry company, has announced that initial work has officially started on the development of its ISO Class 5 cleanroom laundry in Bangalore, India.

This important milestone was marked by a ceremony attended by British Deputy High Commissioner, Dominic McAllister, chairman of Micronclean Simon Fry, managing director of Micronclean India Andrew Cole and members of the Project Management team from Gleeds and Studio Archnovate.

The ceremony was the culmination of months of activity in selecting the correct site to be able to tap into India's rapidly expanding pharmaceutical industry. The multi-million-pound investment in an ISO Class 5 cleanroom laundry will use Micronclean's proven process technologies to deliver a GMP compliant cleanroom laundry service that will be unique in India. It will also be an opportunity to develop innovative new technologies that can then be used back in the UK operations.

Simon Fry, chairman of Micronclean said: "We are delighted to have started the development of our Indian Laundry after months of planning. We are committed to serving the growing Indian cleanroom market by offering a unique service that will bring quality and efficiency to our new customer base here in India. We see this as a valuable service offering, enhancing the regulatory compliances of the Indian pharmaceutical and bio-tech businesses."

British Deputy High Commissioner Dominic McAllister said: "Micronclean has a product and service portfolio which ranges from laundered garment rental services for high-tech/pharmaceutical companies, to cleanroom supplies which are exported to over 30 countries worldwide.

"I welcome Micronclean's entry into Karnataka. This is another example of UK industry support for 'Make in India'. UK investment into India is strong and growing – the UK has been the largest G20 investor in India and third largest investor overall (after Singapore and Mauritius) since 2010."

(LCNi - 17 October, 2018)





# GLOBAL NEWS

## New trends in hair care industry to rock 2019

According to a recent report by Transparency Market Research, the global haircare market is expected to reach USD105.3 billion by 2024, registering a steady 3.0% CAGR. Health awareness, personal grooming and the higher standard of living have been key drivers in the growth of the hair care industry. There has been a surge amongst consumers to adopt multi-step beauty regimes; leading to a significant scope of development for hair transplant and restoration industry. Basis industry data, hair-fall concerns have impacted the younger age group and is quite prevalent amongst people in their 20s and 30s. The culmination of different socioeconomic factors has stimulated some new trends which the industry witnessed in 2018.

### Product innovation

The hair care industry has witnessed a few significant disruptive technological solutions, fuelling its growth across markets. Industry players have focussed on innovation to introduce best-in-class solutions with minimal side effects. There has been a rise in product premiumisation owing to increased consumer buying power and professional need for style and fashion. With the millennial (Gen-Y) consumer group, the industry has grown concerning experimentation, and with the foray of Gen-Z into the buyer's market it is invariable to develop the product range with tailor-made solutions catering to specific consumer needs.

### Increase in demand for natural and organic products

We have witnessed a steady rise in demand for organic products amongst consumers. The increase in awareness amongst the millennial for a healthy lifestyle has exalted their inclination for chemical-less products. Using natural food ingredients/ plant extracts in the making of products help lessen the side effects, giving better consumer satisfaction. Also, industry players have started developing customised solutions to ensure the enhanced outcome of the solutions offered to the audience.

### Rise of the male grooming industry

The male grooming industry has grown exponentially in the last five years. The increase in hair fall, hairline receding challenges, early balding etc. have accentuated the need for hair care procedures amongst the male community. In addition to the medical needs, the millennial men are exposed to professional requirements which necessitate hair care solutions. Owing to today's lifestyle and environmental conditions; hair care has become a part of personal well being across communities and markets.

### Hair Restoration procedures

Hair loss happens for a variety of reasons which is the interplay of external and internal factors. Hair restoration technology is one of the latest innovations in the domain of hair care which has a success rate of 98 percent if executed by experts. It is the most reliable and a permanent solution for those suffering from balding conditions. It retains the original form of hair, giving improved looks to the customer. Furthermore, in comparison to alternative solutions, hair transplant is a low maintenance procedure in long-run.

Hair care industry is expected to grow significantly across economies; Asia is one of the biggest markets for hair care products and procedures. With the increase in industry players, brands are focusing heavily on innovation to offer customised and long-term solutions to the consumers.

(Business World - 28 December, 2018)

## BASF to expand capacity for methane sulfonic acid at its Ludwigshafen site

BASF intends to expand the production capacity for methane sulfonic acid (MSA) at its Ludwigshafen site by around 65 percent and increase the global capacity to 50,000 metric tons per year. With the investment the company further strengthens its position as the leading global producer of MSA. The volumes from the additional capacity are expected to be available late in 2021 for customers in all regions.

"The demand for MSA increased strongly across industries. This expansion will allow us to support the rapid growth of our customers, especially in Asia. Beyond the increase in Ludwigshafen, we evaluate investment options outside of Europe to continuously expand our MSA capacities," says Martin Widmann, Global Strategic Marketing and Development, Care Chemicals division at BASF. "We focus our extensive know-how and highly efficient manufacturing processes on our customers' needs to enhance their applications' performance, sustainability and efficacy."

#### **Sustainable alternative to conventional acids**

Methane sulfonic acid is a strong organic acid used in numerous applications ranging from chemical and biofuel synthesis to industrial cleaning and metal surface treatment in the electronics industry. The expansion is in line with the trend for top-performance and at the same time environmentally friendly technologies in various industries. BASF's proprietary process enables the production of Lutropur® MSA – a high-purity methane sulfonic acid. Lutropur MSA is a sustainable alternative to other acids such as sulfuric, phosphoric or acetic acid. As part of the natural sulfur cycle MSA is readily biodegradable. Further benefits in practical applications come, for example, from its nonoxidizing nature, the high solubility of its salts and the absence of color and odor.

The BASF division Care Chemicals offers a broad range of ingredients for personal care, hygiene, home care, industrial & institutional cleaning, and technical applications. We are the leading global supplier for the cosmetics industry as well as the detergents and cleaners industry, and support our customers with innovative and sustainable products, solutions and concepts. The division's high-performance product portfolio includes surfactants, emulsifiers, polymers, emollients, chelating agents, cosmetic active ingredients and UV filters. Superabsorbent polymers developed for the full spectrum of hygiene applications complete the range. We have production and development sites in all regions and are expanding our presence in emerging markets.

( [www.care-chemicals.basf.com](http://www.care-chemicals.basf.com) - 20 December, 2018)

## **Herbal Essences Becomes First Mass Hair Care Brand in Mass Retailers to Meet the Strict Clean Beauty Standards of EWG VERIFIED™**

As more and more consumers ask for transparency about ingredients used in beauty products, they are also asking for their products to use ingredients they trust. Herbal Essences heard this call and is bringing two new sulfate-free botanical shampoos to the market, formulated to meet the Environmental Working Group's (EWG) EWG VERIFIED™ stamp of approval. To be authorized to use the EWG VERIFIED™ mark, Herbal Essences meets the rigorous criterion, and provides additional information not typically found on the product label – an effort to drive greater ingredient transparency and informed choices. With this credential, Herbal Essences is the first mass hair care brand in mass retailers to meet the strict clean beauty standards set by EWG - creators of the Skin Deep® the Healthy Living® app.

EWG VERIFIED™ goes beyond basic ingredient labels to hold companies on the cutting edge of making products to an even higher standard. "The mark will make shopping even easier for overwhelmed consumers who want to quickly find a bottle of shampoo and other personal care products that meet our rigorous standards," says Jocelyn Lyle, EWG Vice President of Development.

Over the past few years, Herbal Essences has shared more information about ingredients used and ingredients not used in the bio:renew line-up to meet the consumer demand for more transparency. However, the EWG VERIFIED™ process was the first time Herbal Essences was ever required to disclose this amount of detail about product composition, safety testing and quality control steps.

"For almost 50 years, Herbal Essences has been committed to the safety of the people that use our products," states Lynn Hicks, Herbal Essences Brand Manager. "Now more than ever, consumers are demanding transparency with their beauty products and with this partnership, we can provide consumers with the reassurance that our products are clean, safe and verified by a trusted group like EWG."

Safety and quality have always been a top priority at Herbal Essences and the brand's new bio:renew sulfate-free shampoos are meeting the high standards of very tough critics. The EWG VERIFIED™ credential is a simple way for consumers to make an informed, vetted choice about their shampoo products.



"EWG VERIFIED™ will take awareness about chemicals in products to the next level by giving shoppers useful information from a team of scientists they have come to trust. Only products that include robust ingredient labels and meet our stringent criteria, will be awarded our mark," says Nneka Leiba, director of EWG's healthy living science program.

Herbal Essences began working with EWG in 2016 with the launch of its bio:renew products. Herbal Essences and parent company P&G support the Personal Care Product Safety Act along with the EWG and other NGOs and industry leaders. The newly launched Herbal Essences bio:renew sulfate-free shampoos are the first mass shampoos in mass retailers to carry the EWG VERIFIED™ credential, further bringing affordable and accessible clean beauty products to the mainstream.

(news.pg.com - 12 December, 2018)

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## Walker & Company Brands Joins the Procter & Gamble Family of Brands

Walker & Company Brands, the company that makes health and beauty simple for people of color, announced that it will join the Procter & Gamble Company family of brands to better serve consumers of color around the world.

Founded in 2013, Walker & Company Brands has spent the last five years developing products and services tailored for people of color. It brings with it well-respected, high performance brands, including Bevel, a comprehensive grooming experience designed for the specific needs of men with coarse or curly hair, and FORM Beauty, a premium hair care collection developed to meet the unique needs of the increasing number of women with textured hair.

Walker & Company Brands will operate as a separate and wholly-owned subsidiary of P&G, continuing to be led by CEO and Founder Tristan Walker.

"When I started Walker & Company Brands, I set out to build a company that would meet the health and beauty needs of people of color on a global scale," said Tristan Walker, CEO of Walker & Company Brands. "Having access to P&G's outstanding technology, capabilities and expertise helps us to further realize that vision, giving us the power to scale and bring new products to people of color, while staying true to our mission and continuing to nurture the loyal community we've worked hard to build."

"We have tremendous respect for the work Tristan Walker has accomplished and we are excited to welcome Walker & Company to the P&G family," said Alex Keith, CEO of P&G Beauty. "The combination of Walker & Company's deep consumer understanding, authentic connection to its community and unique, highly customized products and P&G's highly-skilled and experienced people, resources, technical capabilities and global scale will allow us to further improve the lives of the world's multicultural consumers."

The merger will grow P&G's multicultural business and accelerate growth for Walker & Company's existing brands, as well fuel the development of additional products designed for the specific needs of people of color.

(news.pg.com - 12 December, 2018)

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## IFF-LMC expands portfolio with three personal care ingredients acquisitions

IFF-Lucas Meyer Cosmetics (IFF-LMC) has announced the acquisition of three personal care ingredients from Kemin Industries, a move which is hoped to expand and strengthen its portfolio.

The purchase of the ingredients Lysofix, XFoliPEARL and Microcurb and their related intellectual properties will allow IFF-LMC to develop its product range with a focus on the environment and sustainability.

Antonio Lara, President – CEO, IFF-Lucas Meyer Cosmetics, said, “Aligned with IFF and IFF-LMC’s commitment to sustainability and natural product offerings, I am thrilled to announce the addition of these key, responsibly sourced ingredients to our growing and increasingly diverse portfolio. “Consumers are more aware than ever of the impact their choices have on the environment, so including these compelling active and functional products in our line is a win for our customers, consumers, and the planet.”

(Global Cosmetic News - 6 December, 2018)

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## Vantage Acquires Specialty Surfactants Company

Vantage Specialty Chemicals Holdings, Inc. has signed a definitive agreement to acquire Leuna-Tenside GmbH (LTG), a German manufacturer of specialty surfactants sold throughout Europe and globally. Located in Leuna, Germany, the company is focused on small volume, niche products supported by flexible manufacturing capabilities. LTG’s product portfolio includes anionic surfactants, nonionic surfactants, and emulsifiers that are based on naturally derived ingredients and are used in a diversified range of end markets including personal care, soaps and detergents, industrial cleaning, lubricants, and paints and coatings.

“The acquisition of LTG is a transformational transaction for Vantage that provides us with a strategic manufacturing footprint in Europe,” commented Tiffany Kyllmann, chief strategy officer of Vantage. “LTG’s production facility is attractively located in Germany with products and chemistries that are similar to those of Vantage. We truly believe this efficient production facility and impressive technology, in combination with the European footprint, will allow us to better serve our global customer base.”

LTG is the third add-on acquisition that Vantage has completed since H.I.G. acquired the company in October 2017.

The transaction is subject to regulatory approval and is expected to close by year-end 2018

(Happi News - 30 November, 2018)

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## L’oréal North American R&D facility sold for \$2.5m

Denholtz Associates has sold the Clark Commercial Center, which houses L’Oréal’s North American R&D division, to ANG Management for \$15.84 million.

The 108,000-square-foot building is the only L’Oréal R&D centre in the US, and one of six in the world. It has been leased to L’Oréal since 1992.

The sale was negotiated by Newmark Knight Frank, with Steve Cassidy, president of Denholtz Associates, stating, “We thank Newmark Knight Frank’s Capital Markets team for their assistance in securing a premium price for this highly valuable asset in one of nation’s most competitive industrial markets.”

(globalcosmeticnews.com - 22 November, 2018)

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## Now P&G jumps on the naturals bandwagon

Fresh on the heels of the news that Henkel has launched a natural hair and body care range comes the news that P&G is poised to enter the category. According to a report published by the Cincinnati Business Courier, the US FMCG company’s Gillette brand will launch an alternative shave gel and cream in the first half of 2019.

Pure by Gillette contains naturals such as aloe leaf juice and peppermint oil and is free from dyes, parabens, alcohol and sulfates. It is designed to partner the brand’s newest razor, which was designed for sensitive skin.

“We see a growing desire from consumers for natural products – especially in the beauty and personal care realm,” P&G’s Kara Buckley told Cincinnati Business Courier.

(globalcosmeticnews.com - 21 November, 2018)



## Saraya to invest UD\$10 mn in Egyptian manufacturing facility



Japanese Saraya is set to invest US\$10 million in a new cosmetics and pharmaceutical plant in Ain Sokhna, Egypt, according to a report published by Daily News Egypt.

The new industrial complex, which will boast three factories and span some 20,000 sq m, is currently under construction. One of the facilities on site will specialize in the extraction of oils from jojoba.

When complete, the plant will be the largest of its type in the world, according to the company and create some 1,500 jobs. Saraya's President said that Egypt will be a major marketing and manufacturing hub for the company at both regional and continental levels. (globalcosmeticnews.com - 21 November, 2018)

## Henkel launches new vegan beauty brand

Personal care brand Henkel, known for brands like Schwarzkopf and Dial, is doubling down on vegan beauty with the launch of a new brand.

Dubbed 'Nature Box,' the new addition will specialize in hair and beauty products, focusing on cold pressed oils, vegan formulas and certain sustainably-sourced ingredients. The label, which WWD reports will launch to retail in January, will count five product lines, all packaged and labelled to encourage consumer recycling, with 25% of the packaging made from post-consumer recycled plastic.

The 22-piece line will span shampoo, conditioner and treatments for hair care, as well as body wash, body lotion, body butter and liquid hand soap made using cold pressing -- a method of extracting oils from fruits and nuts without using excessive heat or any chemicals. The Nature Box products will be made with 100% cold pressed oil from coconuts, avocados, apricots, almonds, and macadamia nuts.

"Nature Box formulas with cold pressed oils help keep the skin from drying out, and are nourishing and refining, making skin and hair both healthy looking and soft," said Xenia Barth, Vice President, Marketing, in a statement.

"A product's origin and production should be as transparent and sustainable as possible," added Martina Spinatsch, Vice President R&D, Beauty Care North America. "Nature Box reflects our commitment here at Henkel to uphold these important values."

In keeping with the sustainable theme, Nature Box is collaborating with international development organizations in India and Nigeria to support farmers in sustainably cultivating raw materials such as guar and sustainable palm oil.

The vegan beauty industry has been steadily growing for some time now, with research published this summer by Grand View Research, Inc., estimating that the global vegan cosmetics market would reach USD 20.8 billion by the year 2025. (msn.com - 16 November, 2018)

## IFF-LMR Naturals leads industry with 90 certified Vegan Natural Extracts

IFF-LMR, a subsidiary of International Flavors & Fragrances Inc (NYSE:IFF) (Euronext Paris: IFF) (TASE: IFF) announced their industry-leading position of 90 natural extracts in their portfolio certified vegan by the EVE (Expertise Vegan Europe) VEGAN standards. The certified extracts include Rose Essential™, Rose Ultimate™, Blackcurrant Buds Absolute, Ylang Oil Complete, Vetiver Oil Haiti, Patchouli Oil Indonesia, and Geranium Heart Oil, among many others.

Bertrand de Preville, General Manager, IFF-LMR said, "Our people are passionate about creating the finest ingredients and together, we are committed to delivering premium, 100% pure and natural extracts. We believe in transparency, environmental management and sustainable development." Mr. de Preville continued, "This certification of 90 extracts is in line with IFF-LMR's continuous dedication to our planet, people, plants and animals."

The EVE VEGAN label was selected because it is considered one of the most rigorous and complete in the industry. Its standard requires, amongst others, the absence of ingredients, technical agents and packaging of animal origin, as well as the absence of substances tested on animals. The EVE VEGAN certification is recognized worldwide and guarantees that IFF-LMR ingredients respect the essential principles of veganism according to international criteria.

In addition to the vegan certification of 90 extracts, IFF-LMR operations and products are the recipients of multiple certifications, attesting to the care and rigor with which they operate. Three sites are certified organic compliant; nine products have ECOCERT For Life certifications; and its Grasse, France headquarters is certified across five areas: organic, kosher, For Life – social responsibility, ISO 9001:2015 and ISO 14001:2015 for quality and environmental management.

(iff.com press release - 15 November, 2018)

## Procter & Gamble reaches 85% zero manufacturing waste to landfill

Procter & Gamble has reached zero manufacturing waste to landfill at 85% of their sites globally and describes how they did it in a 2018 Citizenship Report published today. The company started the program a decade ago, and currently aims to achieve 100% by 2020.

When the Zero Manufacturing Waste to Landfill program launched in 2008, Procter & Gamble's 100-plus manufacturing sites worldwide were producing more than one million tons of waste annually, the company's report notes. Getting to zero "seemed like an impossible dream" at the time, according to P&G.

The shift began with employees changing their everyday behaviors and collaborating with the company's Global Asset Recovery Purchases team to find new uses for materials. For example, P&G sells soap that doesn't meet their specs to carwashes. Scraps from feminine care products are turned into cat litter, and old shipping drums get repurposed as school benches and tree containers.

In 2018, the Global Asset Recovery Purchases team developed several new solutions for plants around the world. They include recovering plastic waste from diaper production in Mexico and converting it into plastic pellets for making products like buckets and brooms. In Canada, the Belleville Plant converts scrap and process waste from feminine care product manufacturing into spill mitigation products.

"There is a double benefit — we create a more circular supply chain by avoiding the landfill while also getting revenue for this would-be waste," the report says. P&G found that since 2008, the Zero Manufacturing Waste to Landfill program has helped save the company more than \$2 billion and divert more than 5 million tons of waste from landfills.

Two regions are close to reaching the 100% Zero Manufacturing Waste to Landfill goal: Europe and Asia. P&G expects them to reach the milestone within a year's time. The company has 26 countries where the sites qualify as zero manufacturing waste to landfill.

Waste — along with water and climate — represents a main focus area for P&G. In April, the company reported achieving several 2020 goals early, prompting the establishment of new ones for 2030. Among the new goals is for P&G's 20 leadership brands to offer 100% recyclable or reusable packaging. Those brands include Always, Ariel, Dawn, Fairy, Febreze, Head & Shoulders, Pantene, Pampers, and Tide.

(environmentleader.com - 13 November, 2018)

## L'Oréal, Unilever, Johnson & Johnson et al sign global commitment to end plastic pollution

L'Oréal, Johnson & Johnson and Unilever are among some 290 organisations to sign a new global commitment to eliminate plastic waste and pollution at source.

The New Plastics Economy Global Commitment was officially unveiled by Ellen MacArthur at the Our Ocean conference in Bali this week and is led by the Ellen MacArthur Foundation in collaboration with UN Environment.

The Global Commitment aims to create a 'new normal' for plastic packaging, with targets set and reviewed every 18 months.

"We know that cleaning up plastics from our beaches and oceans is vital, but this does not stop the tide of plastic entering the oceans each year. We need to move upstream to the source of the flow. The New Plastics Economy Global Commitment draws a line in the sand, with businesses, governments and others around the world uniting behind a clear vision for what we need to create a circular economy for plastic," said Ellen MacArthur. "This is just one step on what will be a challenging journey, but one which can lead to huge benefits for society, the economy and the environment. I encourage all businesses and governments to go further and embark on a race to the top in the creation of a circular economy for plastic. One in which this material never becomes waste or pollution."



## PATENTS

### Low-pH Auto Dish Detergent

US Patent No. 10,081,782 B2; The Procter & Gamble Company has patented a low-pH automatic dishwashing detergent composition that has metalloprotease having an isoelectric point from about 4 to about 9 and an iron chelant, wherein the composition has a pH as measured in 1% weight aqueous solution at 25°C of from about 5 to about 6.9.

(HappiNews - 5 December, 2018)

### Topical lightening system patented by Avon Products

US Patent No. 10,117,821 B2; Avon Products, Inc. has patented a topical composition for reducing pigmentation in human skin, comprising: (i) 3,3?-thiodipropionic acid, or a salt or ester thereof, and nicotinamide, or salt thereof, or melanosome-transfer inhibiting derivative thereof, and a cosmetically or dermatologically acceptable vehicle.

The 3,3?-thiodipropionic acid, or salt or ester thereof, is present in an effective amount ranging from about 0.1% (w/w) to about 2.5% (w/w) based on the total weight of the composition and the nicotinamide, or salt thereof, or melanosome-transfer inhibiting derivative thereof, is present in an effective amount ranging from about 0.01% (w/w) to about 1% (w/w) based on the total weight of the composition.

The 3,3?-thiodipropionic acid, or salt or ester thereof, and the nicotinamide, or salt thereof, or melanosome-transfer inhibiting derivative thereof together provide at least 25% greater relative reduction in melanin synthesis than either component alone.

(HappiNews - 23 November, 2018)

### Long-Wear cosmetics patented by L'Oréal

US Patent No. 10,076,487 B2; L'Oréal, Paris, has patented an anhydrous composition that is comprised of C30-45 alkyldimethylsilyl polypropylsilsesquioxane wax; trimethylsiloxysilicate; nylon-611/dimethicone copolymer; at least one volatile solvent; optionally, at least one non-volatile solvent; and at least one colorant.

(HappiNews - 23 November, 2018)

### P&G patents hair thickening compositions with Hops

US Patent No. 10,123,966 B2; Procter & Gamble has patented a method for increasing hair shaft diameter that entails applying a composition to the hair. The composition contains an extract of hops, a polyacrylamide thickener and alcohol. The extract of hops consists of a glycerin extract of hops.

(HappiNews - 23 November, 2018)

### L'Oréal pulls up Drunk Elephant over patent infringement

L'Oréal has filed a lawsuit against popular clean skin care brand Drunk Elephant, accusing the latter of patent infringement, according to a report published by the World Intellectual Property Review.

Drunk Elephant is charged with violating the French beauty giant's patent for stabilised ascorbic acid compositions with its C-Firma Day Serum. What's more, the Tiffany Masterson-owned brand has continued to sell the product, despite being made aware of the infringement more than a year ago.

"The C-Firma products can only be used in a manner that infringes the '841 patent, and on information and belief have been used by Drunk Elephant's customers in a manner that directly infringes one of more claims of the '841 patent," the writ reads, per the World Intellectual Property Review.

(globalcosmeticnews.com - 19 November, 2019)

## Foam with improved feel patented by Amorepacific

US Patent No. 10,105,291 B2; Amorepacific Corp., Seoul, has patented a cosmetic that is comprised of a foam impregnated with a cosmetic composition and an applicator onto which the cosmetic composition is ejected.

The foam comprises one or more material selected from a group consisting of acrylonitrile-butadiene rubber (NBR), styrene-butadiene rubber (SBR), natural rubber (NR), polyvinyl chloride, polyethylene, ethylene-vinyl acetate (EVA), latex, silicone, film-type, styrene-isoprene-styrene (SIS), styrene-ethylene-butylene-styrene (SEBS), polyvinyl alcohol (PVA), silicone elastomer, nitrile, butyl and polyether and neoprene; and an applicator onto which the cosmetic composition is ejected.

Acrylonitrile-butadiene rubber (NBR), styrene-butadiene rubber (SBR) and natural rubber (NR) is selected when the foam is used for improving skin adhesion of a cosmetic composition. Polyvinyl chloride, polyethylene and ethylene-vinyl acetate (EVA) is selected when foam is used for reducing skin roughness of a cosmetic composition. Latex, silicone, film-type, styrene-isoprene-styrene (SIS), styrene-ethylene-butylene-styrene (SEBS), polyvinyl alcohol (PVA), silicone elastomer, nitrile, butyl, polyether and neoprene is selected when the foam is used for improving skin texture of a cosmetic composition.

The cosmetic composition is an aqueous dispersion, an oily dispersion, a water-in-oil (W/O) emulsion or an oil-in-water (O/W) emulsion. (Happi News - 25 October, 2018)

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## Peelable Nail Polish Technology

Polychromatic, through its parent company Keystone Industries, has been granted US Patent No. 10,045,928 B2 for its new nail polish technology. Additional global patents remain pending, according to Polychromatic, which is based in Gibbstown, NJ.

This coating utilizes blends of innovative co-polymers, plasticizers, and adhesion promoters. When formulated, this solvent-based lacquer forms a flexible film that can be effortlessly removed from the nail without the use of a solvent, said the firm.

The patented technology delivers the wear and shine of a traditional lacquer combined with a peel-off removal that is gentle on nails.

"This proprietary, patented formula is completely different from dull, messy, water-based peelable nail polish," said Cary Robinson, president and CEO of Keystone Industries. "And because it is solvent-based, Perfectly A-Peeling is one of the biggest innovations to happen in nail polish in over 50 years."

The formula was developed as an alternative to the standard nail polish removal process, which utilizes acetone and other aggressive and flammable solvents known to dry the nail surface, according to the company.

(Happi News - 01 October, 2018)

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## Ecolab Awarded Two Patents

US Patent No. 10,005,984 B2; Ecolab has patented a liquid cleaning composition comprising a nonionic surfactant; one or more coupling agents including a protic solvent, an aromatic sulfonate, or mixture thereof; a neutral salt; and a foam promotion or stabilizing agent comprising an alkyl dimethyl amine oxide and an olefin sulfonate. The neutral salt includes Na<sup>+</sup>, K<sup>+</sup>, Rb<sup>+</sup>, Cs<sup>+</sup>, Mg<sup>2+</sup>, Ca<sup>2+</sup>, Sr<sup>2+</sup>, or Ba<sup>2+</sup> as cation and Cl<sup>-</sup>, Br<sup>-</sup>, I<sup>-</sup>, ClO<sub>4</sub><sup>-</sup>, BrO<sub>4</sub><sup>-</sup>, ClO<sub>3</sub><sup>-</sup>, or NO<sub>3</sub><sup>-</sup> as an ion. The composition has less than 0.5 weight percent of cocamide DEA.

Ecolab has also been awarded a patent (US Patent No. 10,005,986 B2) for a solid detergent composition comprising sodium carbonate, sodium hydroxide, a surfactant and a branched saturated fatty acid disintegrator or a salt thereof. The solid detergent composition has a dissolution rate when exposed to 400mL of aqueous solution at 155°F of at least 30 g/minute and is free of halogen bleaching agents.

(Happi News October 01, 2018)



## ITW patents hand cleanser with low VOC cleaner

US Patent No. 10,058,488 B2; Illinois Tool Works Inc., Glenview, IL, has patented a hand cleaning product that is comprised of a towel presenting two opposed surfaces; and a hand cleaning composition impregnated into the towel. The composition contains a nonionic surfactant that is a C12-C15 alkyl ethoxylated alcohol; a solvent selected from the group consisting of dibasic ester microemulsion, a compound having the formula  $R_1-C(O)N(CH_3)_2$  where  $R_1$  is a C2-C20 alkane, C3-C20 alkene, or C6-C20 diene, a compound having the formula  $R_2-C(O)O-(CH_2)_n$  where  $R_2$  is a C1-C20 alkane, C3-C20 alkene, or C6-C20 diene, and  $n$  is an integer of between 1 and 10, or a combination of any of the aforementioned; and an organic co-solvent selected from the group consisting of 9-decanoic acid methyl ester, C9-C16 hydrocarbons, butyl 3-hydroxybutyrate and an C4-C28 add ester, or a combination thereof, with the proviso that at least the 9-decanoic add methyl ester must be present; and water.

(Happi News - 01 October, 2018)

## Bio-based pot & pan pre-soak detergent

US Patent No. 10,053,652 B2; Ecolab USA Inc. has patented a detergent composition that contains an alkalinity source, a metal protector, lauryl alcohol ethoxylate, water, threshold agent and a polysaccharide hybrid polymer component. The dimensionally stable solid detergent composition has a bio-based content of at least 58% or greater.

(Happi News - 01 October, 2018)

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# REGULATIONS

## Brazil to create new chemicals management legislation

Brazil has announced a comprehensive draft law in order to establish a national register for industrial chemicals, which is expected to come into practice at the end of 2019 following approval by the National Congress.

The new legislation comes as the country is party to the Basel, Rotterdam, Stockholm and Minamata Conventions, having made the substantial move in order to allow for greater risk assessment and management of certain substances within industries such as cosmetics.

While there are regulations already in place, it is thought much more is needed to be done, with the draft law establishing a national register for industrial chemicals as well as carrying out risk assessments and set sound management strategies.

According to unenvironmental.org, "The Brazilian project aims to strengthen institutional capacity for the appropriate management of chemical substances, through the establishment of the structure necessary to implement the national legislation on industrial chemical substances. Furthermore, the project will prepare and train institutions to fulfill their duties in relation to the new law on industrial chemicals."

(Global Cosmetic News - 3 January, 2019)

## Cosmetic Ingredient Review (CIR) panel approves nearly 40 ingredients

At the 148th meeting of the Cosmetic Ingredient Review Expert Panel, held Sept. 24-25, 2018 at The Darcy Hotel in Washington DC, final safety assessments and other news were unveiled. The meeting agenda included the consideration of 14 ingredient groups advancing in the review process—including six final reports, three tentative reports and two insufficient data postings.

Here are the findings from the most recent session:

### Final Safety Assessments

Ginkgo biloba – 10 ingredients – Split conclusion (5 safe with qualifications; 5 insufficient)

Hydrogen peroxide – 1 ingredient – Safe as used

Dialkyl dimer dilinoleates – 8 ingredients – Safe as used

Polyol phosphates – 10 ingredients – Split conclusion (4 safe; 6 insufficient)

Polyfluorinated polymers – 12 ingredients – Split conclusion (2 safe; 10 insufficient)

### Tentative Safety Assessments

Titanium complexes – 5 ingredients – Split conclusion (1 safe with qualifications; 4 insufficient)

Vinylpyrrolidone polymers – 30 ingredients – Split conclusion (27 safe; 3 insufficient)

Parabens – 21 ingredients – Split conclusion (20 safe; 1 insufficient)

Methylxanthines (previously named: Xanthine alkaloids) – 3 ingredients – Safe as used

Acrylates copolymer – 126 ingredients – Safe with qualifications

Hydroxyethyl urea – 1 ingredient – Safe with qualifications



### Re-Review Action

Triacetin – 1 ingredient – Not re-opened

### Insufficient Data Announcements

Alkoxylated fatty amides – 41 ingredients

Brown algae – 82 ingredients

(Happi News - 5 December, 2018)

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## EU publishes guidance for cosmetics industry post-brexit

The European Union has published guidance on the cosmetics Regulation for a post-Brexit world, according to a report written by Chemical Watch.

The guidance reiterates that, in the case of a no deal, EU regulation will no longer apply in the UK as of March 29; should the UK sign off on the proposed exit plan, then this will be subject to a transition period.

'Responsible Persons' based in the UK will no longer be eligible to be the designated entry point for the EU market, companies will therefore need to nominate a new responsible person or become an importer.

Further, UK-based companies will no longer be able to access the Cosmetics Product Notification Portal directly and will have to rely on EU-based entities of responsible persons to update product information for them.

(Global Cosmetic News - 10 December, 2018)

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## FDA takes action to stop the use of lead acetate in hair dyes

The U.S. Food and Drug Administration today took action to remove lead acetate in hair coloring products given potential safety concerns about lead exposure from these products.

The agency issued a final rule in response to a color additive petition that repeals the regulation that allows for the use of lead acetate as a color additive in these products. This rule, when effective, removes the only authorization for the use of lead as an ingredient in cosmetic products.

"Today's action is part of our commitment to protect Americans by reducing exposure to toxic elements and builds upon federal efforts to reduce exposure to lead," said FDA Commissioner Scott Gottlieb, M.D. "In the nearly 40 years since lead acetate was initially approved as a color additive, our understanding of the hazards of lead exposure has evolved significantly. We now know that the approved use of lead acetate in adult hair dyes no longer meets our safety standard. Lead exposure can have serious adverse effects on human health, including for children who may be particularly vulnerable. Moreover, there are alternative color additives for hair coloring products that consumers can use that do not contain lead as an ingredient."

This action is based on new scientific data that show there is no longer a reasonable certainty that there is no harm from the use of lead acetate as a color additive. In 1980, based on information presented in a color additive petition, the FDA originally permitted the use of lead acetate as a color additive in certain hair dye products that are typically applied over a period of time to achieve a gradual coloring effect. Because of this gradual effect, these products are sometimes referred to as "progressive" hair dyes.

Generally speaking, a color additive must be shown to be safe before it may be used to color foods, drugs, cosmetics, or certain medical devices. A color additive petition may be submitted to the FDA seeking to authorize a new use of a color additive by demonstrating the safety of its use.

## Canada links cosmetics colourant to cancer risk

Solvent violet 13, a colourant found in a wide range of consumer products including cosmetics and toys, is harmful to human health at current levels of exposure, according to a draft conclusion from the Canadian government.

If confirmed, the conclusion would most likely trigger risk management measures against the substance. However, industry says that the assessment does not take into account the most recent toxicity data available in the solvent violet 13 REACH registration dossier.

The government published a draft screening assessment of seven anthraquinone substances on 3 November. The substances are used as colourants in: cosmetics, food packaging materials, children's arts and crafts materials, toys, do-it-yourself products, and textiles.

The seven substances were originally part of a group of 15 anthraquinones prioritised under the Chemicals Management Plan. The government previously assessed eight of the 15 and found that they were of low concern.

The remaining seven are:

- solvent violet 13;
- pigment blue 60;
- solvent violet 59;
- solvent blue 36;
- disperse red 60;
- acid blue 239; and
- "9,10-Anthracenedione, 1,4-diamino-, N,N'-mixed 2-ethylhexyl", including methyl- and pentyl- derivatives.

The draft screening assessment of these substances used read-across for the human health hazards owing to a scarcity of health effects data.

It found a potential to cause carcinogenicity for all apart from pigment blue 60 and potential to cause adverse developmental effects for solvent violet 13 and solvent blue 36.

Using carcinogenicity as the critical effect, the assessment concluded that pigment blue 60 meets one of the criteria in section 64 of the Canadian Environmental Protection Act (Cepa).

The assessment used the "ecological risk classification of organic substances" approach to predicting the environmental risks, which was published in 2016 by Environment and Climate Change Canada. This led to the conclusion that all seven substances represented low risk of harm to the environment.

### Industry response

However, Dr Pierfrancesco Fois, deputy executive director at colourants trade association Etad, says that some of the data gaps identified in the assessment can be filled, reducing uncertainty in the risk characterisation.

For example, the assessment suggests that for solvent violet 13 there are no studies covering:

- in vivo genotoxicity;
  - developmental or reproductive toxicity; or
  - repeated-dose or chronic animal studies for oral exposure.
- However, Dr Fois says that the solvent violet 13 REACH registration dossier contains data for:
- an in vivo micronucleus test showing no mutagenicity;
  - a reproductive toxicity test via oral route; and
  - a repeated dose toxicity test, via oral route.

"Similar additional information exists for other substances in the list," he says. "If we can eliminate, or at least minimise, these sources of uncertainty, we will have an assessment which reflects better the properties of the single substances ... Until this process is completed, it is too early for drawing any conclusion on the risk of solvent violet 13."

The government has started a 60-day public consultation, which closes on 2 January

(Source: Chemicalwatch.com - 8 November, 2018)



Likewise, a color additive petition may be submitted to the FDA demonstrating that an authorized use of a color additive is no longer safe. If the FDA determines that the petition questioning the safety of an authorized color additive and other relevant information support the petitioned request, the agency will grant the request by repealing or amending the authorizing regulation.

Today's action is in response to a color additive petition. Based on this petition and other relevant information, the FDA concluded that there is no longer a reasonable certainty of no harm from the approved use of lead acetate in hair coloring products. This decision takes into account that, according to the U.S. Centers for Disease Control and Prevention, there is no safe exposure level for lead; there were deficiencies identified in a 1980 study estimating exposure to lead from hair dye that originally supported its use; and the fact that blood lead levels in the U.S. have dropped significantly since 1980, so we no longer can conclude that potential exposure to lead from lead acetate-containing hair dyes is insignificant.

The FDA is exercising enforcement discretion for a period of 12 months from the effective date of the final rule regarding hair dye products that contain lead acetate to allow firms to reformulate products.

Consumers wishing to avoid these products during that time can identify the products by the listing of lead acetate as an ingredient and by the presence of the warning label – that states, in part: "For external use only. Keep this product out of children's reach." Some manufacturers have already begun to reformulate their products with another color additive that does not contain lead as an ingredient, bismuth citrate.

The FDA, an agency within the U.S. Department of Health and Human Services, protects the public health by assuring the safety, effectiveness, and security of human and veterinary drugs, vaccines and other biological products for human use, and medical devices. The agency also is responsible for the safety and security of our nation's food supply, cosmetics, dietary supplements, products that give off electronic radiation, and for regulating tobacco products.

(www.fda.gov Press Release - 30 October, 2018)

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## India publishes extensive draft cosmetics rules

India's Ministry of Health and Family Welfare has published draft cosmetics rules containing 71 Articles for public comment. When implemented, these will significantly expand cosmetics regulation in the country.

India regulates cosmetics and drugs under the 1945 Drugs and Cosmetics Rules, last amended in December 2016.

However, the existing legislation focuses predominantly on drug regulation, with only seven of the 169 rules referring to cosmetics. They will amend and supersede the Drugs and Cosmetics Rules, 1945 and if there is any inconsistency, the provisions of the new rules will prevail over the existing drugs and cosmetics legislation.

The draft rules are to regulate the manufacture, import and sale of cosmetics with the aim of consumer protection. Highlights include:

listing of the Bureau of Indian Standards (BIS) norms applicable to cosmetics; labelling rules; and the duties and powers of the state and central licensing authorities. For importers of cosmetics, registration through an online portal is specified. Domestic manufacturers must provide a declaration, confirming they are complying with good manufacturing practices (GMP).

The goal is to simplify compliance by making all stakeholders – including manufacturers, importers, testing laboratories and enforcement authorities – aware of their obligations.

### Prohibitions and exemptions

The categories of cosmetics to be prohibited are:

- those banned in their country of origin;
- those containing hexachlorophene;
- those tested on animals after the 13 October 2014; and
- cosmetics imports without a "use before" or "use by" date on labels or packaging.

There are also exemptions from "import and registration". These include:

- bulk cosmetics for repackaging for 100% export to other countries;
- cosmetics for research and development purposes, such as packaging trials, consumer studies, shelf-life and transport studies;
- cosmetics for sale to overseas passengers in duty free shops in international airports;
- complimentary cosmetics exclusively for international passengers; and
- cosmetics imported for use exclusively by hotel guests.

(chemicalwatch.com - 6 December, 2018)

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Conference  
5th - 8th July 2020**



**6th International Conference On Soaps, Detergents & Cosmetics**  
Hotel Marriott, Panjim, Goa, India.

**Organised by :-**



**Indian Home & Personal Care Industry Association**

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## STUDIES & REPORTS

### Nail polishes often claim falsely to be toxin-free: study

Although nail polish manufacturers have begun removing some toxic ingredients, their labels are not always accurate and the reformulated products aren't necessarily safer, suggests a new study.

"We were trying to learn more about what ingredients were in nail polish, and the more we dug deep into the labels, the more confused I was about the health claims, which I knew would be confusing for consumers and nail salon workers, too," said lead author Anna Young of the Harvard T. H. Chan School of Public Health in Boston.

In the 2000s, nail polish manufacturers started phasing out three particularly toxic chemicals: formaldehyde, toluene and dibutyl phthalate (DnBP). They would label these formulations as "3-free." However, many of these products replaced those chemicals with another plasticizer, triphenyl phosphate (TPHP), which has since been shown to be potentially toxic as well.

The European Union banned DnBP in cosmetics in 2004, Young's team notes in *Environmental Science and Technology*.

The U.S. Food and Drug Administration requires ingredient labels on nail polishes but doesn't require products to be tested for safety before entering the market, the researchers add. In addition, certain chemicals such as phthalates can be listed as "fragrance" due to trade secret concerns.

"It's a chemical Whack-a-Mole," Young said in a phone interview. "That's especially important for nail salon workers because some of these toxins are linked to complications with fertility, thyroid issues, obesity and cancer."

Young and colleagues measured the concentrations of 22 plasticizers in 40 nail polish samples to compare the label to actual ingredients.

The samples included different colors, finishes and top coats, and the researchers analyzed them for 12 phthalate and 10 organophosphate plasticizers.

Among the samples were 11 different "n-free" labels, ranging from "3-free" to "13-free." All of the samples included significant levels of at least one plasticizer, and most contained at least five of the 22 ingredients studied. The "5-free" to "13-free" samples had lower levels in general than unlabeled or "3-free" samples, the study team notes.

TPHP, which is used as a plasticizer and flame retardant in a number of consumer products, was found in 40 percent of the samples. It was detected in 12 of the 27 products that did not list it as an ingredient.

The research team was pleased to find that DnBP wasn't in any of the samples, and TPHP seemed to be in lower concentrations than reported in previous studies.

At the same time, the products with lower TPHP levels tended to have higher levels of diethylhexyl phthalate (DEHP), a hormone-disrupting chemical and possible carcinogen that was banned from cosmetics in the EU at the same time as DnBP, the authors note.

Overall, Young's team concludes that label contents can be defined differently by different brands, the ingredient exclusions are usually not validated by a third party, and new label types are often not consistent with the preceding labels in terms of what ingredients are excluded.

"It's important for consumers to understand that 'n-free' can mean different things to different companies," said Heather Stapleton of Duke University in Durham, North Carolina, who wasn't involved in the study.

"More research is warranted to understand the exposure levels that consumers are receiving," Stapleton said in an email. "It's important to know what these labels mean and how they relate to chemical exposure."

# SUSTAINABILITY

## Nyco wins award for sustainability leadership

Nyco Products Co. was named the recipient of the 2018 DEAL Award for Leadership in Sustainability by Sustainability Dashboard Tools, LLC.

The annual award recognizes distributors for their participation in the Distributor Efficiency Analytics and Learning (DEAL) program, which helps distributors and manufacturers benchmark their performance and streamline their operations. This marks the second consecutive year Nyco has been recognized for its participation in the DEAL program.

Nyco Products Co. is a leading manufacturer of specialty chemicals used in the sanitary maintenance and industrial cleaning markets. Located in Countryside, IL, Nyco manufactures more than 350 stock and custom liquid formulations.

Sustainability Dashboard Tools, LLC provides comprehensive facility performance data management services, including data gathering and analysis software and performance reporting to a range of business sectors

([issa.com](http://issa.com) - 8 November, 2018)

## Unilever and Veolia to collaborate on sustainable packaging

Unilever has announced a three-year partnership with waste management firm Veolia to improve waste collection and recycling infrastructure to help create a circular economy for plastics waste.

The duo will jointly work on emerging technologies across various geographies starting in India and Indonesia. According to the Ellen MacArthur Foundation, just 14 percent of the plastic packaging used globally is collected for recycling after use, with 40 percent ending up in landfill and a third in fragile ecosystems.

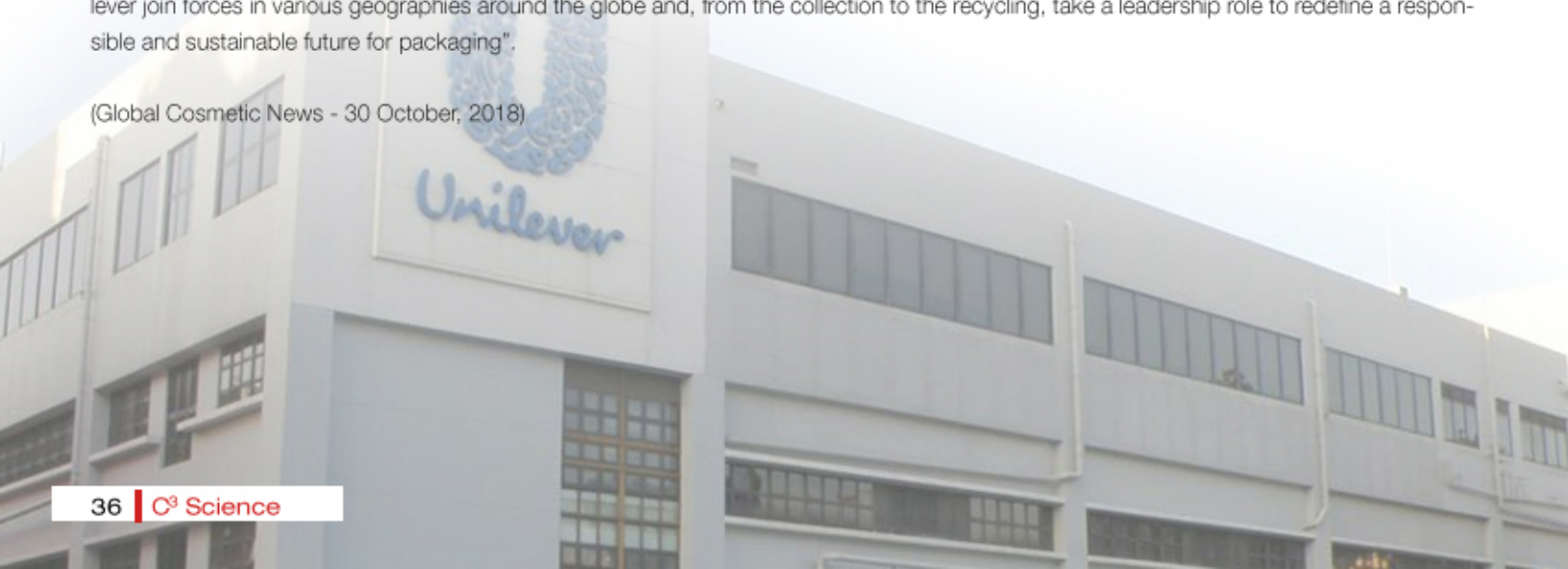
The work will therefore focus on material collection, which will help channel recycled content back into the value chain.

"The scale of the plastic waste issue is getting worse, not better, with the production of plastics expected to double over the next two decades," commented Marc Engel, Unilever's Chief Supply Chain Officer. "We all have a lot more to do to address this critical issue and we hope that by partnering with Veolia, a world leader in waste management, we can take meaningful strides towards a circular economy."

Laurent Auguste, Senior Executive Vice-President of Veolia for Development, Innovation and Markets, added,

"There is an undeniable need to transform the current way plastic packaging end of life is managed in order to reduce significantly its environmental footprint. It will take a collaboration of a new kind between all the actors of the value chain. With this global partnership, Veolia and Unilever join forces in various geographies around the globe and, from the collection to the recycling, take a leadership role to redefine a responsible and sustainable future for packaging".

(Global Cosmetic News - 30 October, 2018)





## Croda launches 100% bio-based sustainable surfactants

Croda International Plc, the name behind high performance ingredients and technologies that are relied on by industries and consumers everywhere, announced the official launch and certification of its ECO range of bio-based surfactants, ingredients designed to meet increasing market demand for sustainable, high-performance ingredient options.

The new 100 percent bio-based and 100 percent renewable range of non-ionic surfactants is the widest commercially available and is certified to meet the criteria of the USDA BioPreferred® program ([www.biopreferred.gov](http://www.biopreferred.gov)). The new ECO range is the result of a significant investment made by Croda in its Atlas Point manufacturing site in New Castle, Delaware to construct an ethylene oxide plant using naturally derived feedstocks. The first of its type in the United States, the completed plant supports the evolution of Croda's product line, reinventing many of its active emulsifying agents to meet the increasing demand for more sustainable products without sacrificing performance.

Sold under an ECO brand prefix across Croda's market sectors, these ingredients will lead to the creation of both new and re-imagined products, including: cosmetics and hair care products for the personal care industry; lubricants and coatings in the automotive industry; air- and surface-care products in the cleaning industry; as well as drilling fluids in the oil industry. The range offers a wide variety of benefits including emulsification, detergency and cleansing, and solubilisation, while delivering mild and stable formulations.

"At Croda, we have a history of innovation and have been the driving force behind the creation of many disruptive chemistries," said Sandra Breene, President of Personal Care and North America. "This combined with our long history of sustainability and sustainable reporting synergises our strengths and delivers true progression in sustainable chemistry for our customers and the consumers they serve. We are pleased to be able to offer such a wide range of 100 percent bio-based and 100 percent renewable ingredients to meet the needs of formulators and companies seeking to deliver more sustainable options without a compromise in performance or the need for extensive research and development time, adding to development cycles. We can offer the solution today for our customers to launch tomorrow."

### Heritage Chemistry Becomes a Sustainable Future

Initially invented and manufactured at Atlas Point, the iconic Tween™ range of non-ionic surfactants set the standard in the 1940's for delivering effective emulsification, the stable combination of oil and water, in a formulation. This heritage line was technically evolved to create the equally iconic Brij™ and Myrj™ product ranges, to meet a demand for more complex formulations.

With the ECO range, Croda has further evolved the market leading products, creating a step change by offering bio-based and renewable options that reduce the reliance on fossil fuels and lower the carbon footprint of these ingredients versus their petroleum-based alternatives. By simply replacing a petroleum-derived ingredient with its renewable variant, a significant improvement in bio-based content and renewability can be achieved without a sacrifice in product performance.

### Track Record of Sustainability Locally and Worldwide

Croda has a longstanding commitment to investing in sustainability and innovation, celebrating ten-years of reporting progress in its 2017 sustainability report, with the investment in the new ECO plant to support production of the ECO range of surfactants being the most recent at Atlas Point. Prior to this, Croda had invested over \$10 million in renewable energy at the site, using landfill gas and solar panels for its energy requirements, which reduced Croda's annual CO2 emissions by 11,600 tons. These projects combined have generated more than 60 percent of the site's energy.

([Croda.com](http://Croda.com) - 30 October, 2018)

## ASSOCIATION NEWS

### ACI Welcomes New FDA Rulemaking for Food Handler Antiseptics

The American Cleaning Institute (ACI) welcomed a proposal by the Food and Drug Administration (FDA) to create a separate regulatory category for antiseptic products used in food handler settings.

The agency announced that it is formally seeking to "obtain data, information, and comments that will assist the Agency in assessing the safety and effectiveness of food handler antiseptic drug products (i.e., antiseptic hand washes or rubs intended for use in food handling settings) for over-the-counter (OTC) human use," as reported in Happi.

ACI, along with the Personal Care Products Council, submitted a citizen petition in 2014 requesting that FDA create the food handler category as "a threshold step to address the safety and efficacy of active ingredients for use in this category of products."

"The use of antiseptic hand hygiene products, like antibacterial soaps and hand sanitizers, is critical to infection control and disease prevention in food handler settings," said Richard Sedlak, ACI Executive Vice President, Technical & International Affairs. "The transfer of bacteria to food at food handling operations can potentially affect large numbers of people through their exposure to or consumption of contaminated food."

ACI is leading a multi-year research effort to demonstrate the safety and efficacy of the antiseptic ingredients used in hand hygiene products in consumer and healthcare settings. The ongoing research is meant to comply with complex safety data requests from the FDA.

"The American Cleaning Institute looks forward to providing FDA the necessary data on food handler antiseptic products that ensure their safety and effectiveness in helping to reduce the risk of food-borne disease transmission," added Sedlak.

(Happi News - 7 December, 2018)





## BAHP to implement new strategic direction in 2019

The Center for Baby and Adult Hygiene Products (BAHP), the trade association representing the interests of the absorbent hygiene products industry in North America, has redefined its structure and strategic focus under new leadership in 2018.

To better reflect the needs of its membership and constantly evolving industry, the renewed focus of BAHP will include enhanced consumer education, value chain communications, stakeholder outreach and member engagement.

"Our key objective in 2018 was to reinforce the foundation and chart a new course forward for BAHP," said Executive Director Jane Wishneff. "As we move into 2019, we will build on that foundation by strengthening brand awareness, promoting product safety, enhancing the industry's consumer education efforts and creating alliances with key stakeholders across the globe."

Appointed executive director in 2018, Wishneff formerly served as vice president & counsel, government affairs, for the International Fragrance Association North America – now the Fragrance Creator's Association. In this role, Wishneff spearheaded all legislative and regulatory activities on behalf of the global fragrance industry in the US and Canada and worked collaboratively with lawmakers, regulators, retailers, allied trade associations and NGOs to advance the interests of the membership.

As part of this new strategic direction, BAHP is expanding its membership base to include not only the product manufacturers of personal absorbent hygiene products, but also the suppliers and converters within the value chain. This realignment comes at a time when communication and collaboration among partners within the supply chain is key to the development of successful industry and policy programs.

BAHP recently held its 2018 Annual Meeting at the Society of Chemical Manufacturers & Affiliates (SOCMA) offices in Arlington, VA, where members received a preview of the 2018 mid-term elections and heard from leaders from government, industry and consumer advocacy groups on issues such as the disposal of single-use plastics, ingredient safety and transparency and the current activities surrounding the nonwovens industry in Europe.

During the Annual Meeting, BAHP also took time to recognize a number of achievements made in 2018, including the launch of its FemCare Answers website, which provides consumers and the media science-based information about feminine hygiene products on behalf of BAHP members.

"FemCare Answers is a user-friendly website that provides the latest insight about the safety, effectiveness, and regulations surrounding feminine hygiene products sold in the United States," said Wishneff. "The website not only includes a wealth of information from industry experts, but it also sheds light on the common truths and myths about feminine hygiene."

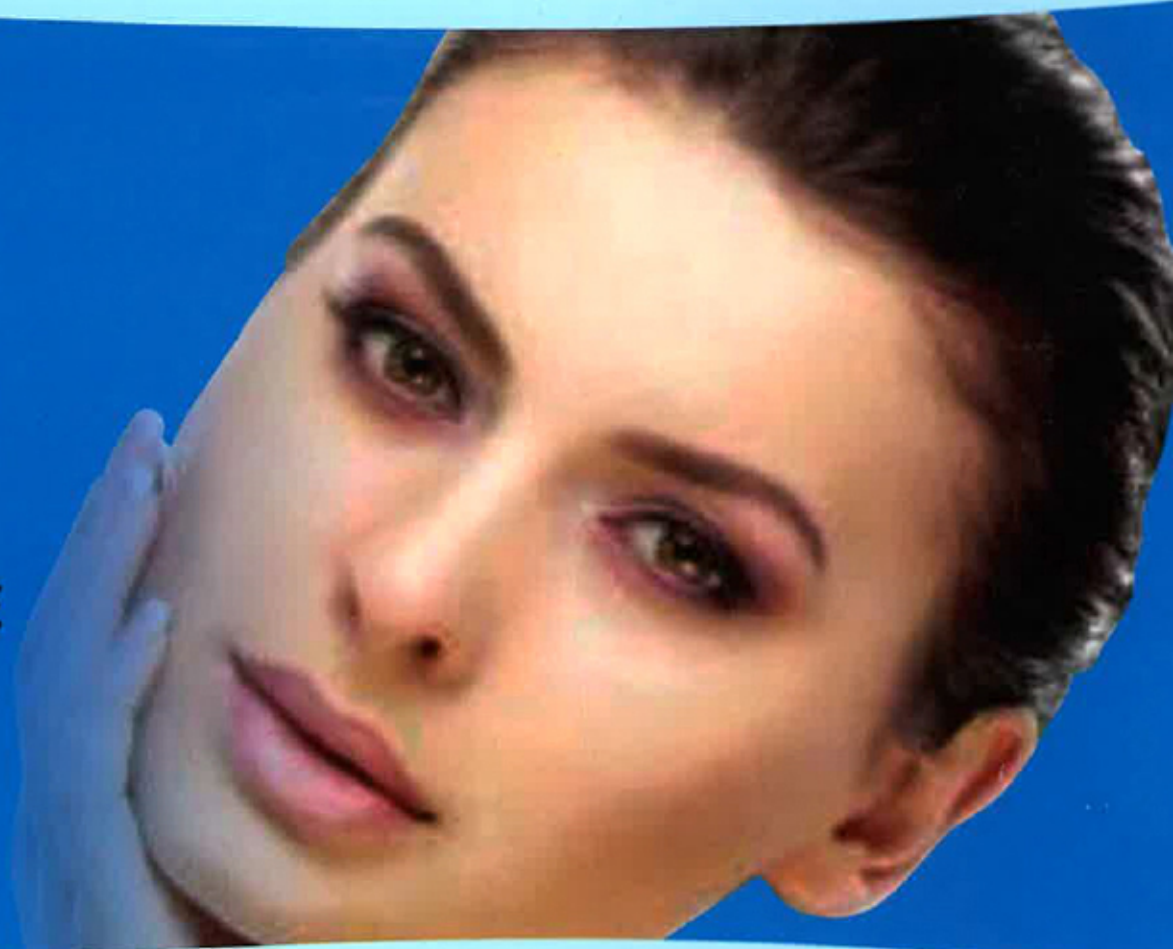
(happinews.com - 02 November, 2018)



## **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/vedici Group



Safechem  
INDUSTRIES

Safechem Industries



Galaxy Surfactants



Fena Pvt. Ltd.



Patanjali Ayurved Limited



IndianOil

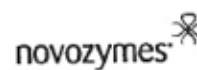
Indian Oil  
Corporation



ECOF  
Industries Ltd.



McNROE Consumer  
Products Private Limited



Novozymes



Emami Limited



Kumar Organic Products Limited  
Ingredients for us

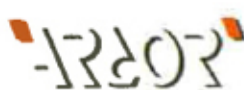
Kumar Organic Products Limited



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	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 (service provider)</b>	Large	200,000	36,000	590,000	15,000	900	29,500
	<b>Associate Members (service provider)</b>	Medium	100,000	18,000	590,000	7,500	900	29,500
	<b>Associate Members (service provider)</b>	Small	50,000	9,000	590,000	3,000	540	3,540
	<b>Associate Members (service provider)</b>	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 28771857 Fax: +91 22 28789755 Email : ihpcia@ihpcia.org

**Secretariat**

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Website: www.ihpcia.org



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Chemistry, Cleaning and Care

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|--|---|
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| <input type="checkbox"/> Back inside (INR-35,000/-)        | <input type="checkbox"/> Half Page (INR-8,000/-)  |
| <input type="checkbox"/> Back Outside (INR- 40,000/-)      |   |

### Quarterly Advertisement Subscription (Single Insertion)

- |  |   |
|--|---|
| <input type="checkbox"/> Front inside Cover (INR-12,500/-) | <input type="checkbox"/> Full Page (INR-10,000/-) |
| <input type="checkbox"/> Back inside (INR-12,500/-)        | <input type="checkbox"/> Half Page (INR-5,000/-)  |
| <input type="checkbox"/> Back Outside (INR- 15,000/-)      |   |

\*Note: GST @ 18% extra

### The advertisement matter is enclosed in the form of / will be sent

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<b>Bank Name</b>	Kotak Mahindra Bank	State Bank of India
<b>Branch</b>	Goregaon - West	Goregaon - East
<b>Account No</b>	3111230458	31755539974
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### For Enquiries:

IHPCIA - Secretariat

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