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COVER STORY

DEVELOPING "ALL NATURAL"
PERSONAL CARE PRODUCTS



The Indian Home & Personal Care
Industry Association

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Editor

Pankaj Dutia
pankaj@ihpcia.org

Business Development & Marketing

Amit Rohira: amit@ihpcia.org
Krutika Sansare: krutika@ihpcia.org

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Communication & Correspondence Address

Edited & Published by



Secretariat

Shiv Anand-A, 1st Floor, 372/374 S.V.Road, Goregaon (West), Mumbai - 400104, INDIA.
Phone : +91 22 2877 1857 Fax : +91-22-28789755 Email ID : ihpcia@ihpcia.org
Website : www.ihpcia.org

Editor's Note

Sustainability Challenges facing the HPC industry

Welcome members! This issue of the C3 Science has focussed coverage on Sustainability Challenges facing the HPC Industry.

In recent years, sustainability has become a key concern for many businesses in the home and personal care industry. Consumers are concerned about health, wellness and issues such as natural resource depletion and environmental degradation, the environmental performance of products and processes.

Rising numbers of online content through blogs, social media and YouTube, consumers have access to more information than ever before and are now turning to 'greener' alternatives when it comes to beauty and personal care products. They are demanding products that do not harm their skin, nor the environment or society; as well as products that are natural, traceable and free from modified ingredients.

This in turn has increased focus on environmental sustainability and the need for resource efficiency and the HPC industry is looking more closely at various factors to address their environmental and social impact.

The Indian Home care industry continues to be challenged by both national events and international trade matters. The estimated INR 30,000 crore industry is facing challenges with dependence on imported LAB for sustainable growth and GOI's announced intent to reduce the carbon footprint, developing formulations with lower water use, encouraging cold wash to save energy and reducing plastics use for packing to meet the environmental challenges.

The IHPCIA had organised a seminar in November 2018 to focus on the development of home care products in concentrated form and provided examples of making unit dose detergent packed in water soluble film.

The subsequent efforts with members and affiliated soap and detergent associations across the country have gathered momentum with several suggestions being tabled. These include:

1. Reduced use of mined minerals and fillers in detergents to reduce CO2 imprint
2. Revised standards for ingredients & detergents which are sustainable (existing BIS standards need to be revised for concentrated liquids and permit low foam products).
3. Review of safety standards on all major ingredients used in home care by BIS.
4. Disclosure of all major in major ingredients on labels.
5. Reduced GST for encouraging use of concentrated products.
6. GOI fiscal support for "Clean Right-Clean Bright" program of the Association.
7. Social media drive for change of habits and preferences.
8. Innovation incentives and awards by GOI
9. Ban on using Phosphates in home care products
10. Safeguard duties to protect against Chinese imports

A large proportion of the industry is making positive movements towards embracing sustainability practices. But, the question remains - How can you tell if a product has been manufactured sustainably? At the same time, how can you be certain that the claims of sustainability are not just a form of greenwashing?

Greenwashing accusations have been made to many industries, including in the cosmetics and personal care sector. It refers to the practice of making an unproven or misleading claim about the environmental benefits of a product.

The trend towards 'natural' and 'safe' ingredients has resulted in a boom in organic products. They have also resulted in a steady rise in reports of firms engaging in greenwashing. Overall, many firms are making great progress with sustainability.

The issue covers elaborative news on the first Environmental Packaging Summit that took place on July 16 in London at the UK's most sustainable events venue, The Crystal. Over 250 attendees, including brands, retailers, pack technologists and designers, saw an engaging programme with experts covering key environmental issues related to packaging, from plastics to waste management, design, e-commerce and more.

Besides the regular features on Global and Indian News, Patents, Packaging, and Regulations, the issues also covers an interesting article on "Ingredient Spotlight: Hemp oil in the personal care industry," and "Developing All Natural Personal Care Products", from Subinsa Corporation.

Something BIG is coming!

Save the Date for the 6th International Convention on Soaps Detergents and Cosmetics (ISDC) 2020 to be held from July 5 -7, 2020. Watch this space for more details.

So happy reading members and do send us your feedback and suggestions to improve the contents of the magazine.

ISDC 2020

6th International Convention on Soaps Detergents and Cosmetics

Changing Dynamics – Sustainable Growth and Business Challenges



5th July - 7th July 2020

Venue to be announced soon

COVER STORY

Developing “All Natural” Personal Care Products: An Overview of Antimicrobial and Preservative Options

Sabinsa Corporation

Authors: Muhammed Majeed, Ph.D. & Lakshmi Prakash, Ph.D.

Introduction

The need to control microbial activity is inherent in two major facets of personal care, namely, antimicrobial care wherein the product helps to retard the growth of topical pathogens or eliminates them, and preservatives that retard the growth of microbes in personal care product formulations. In recent years, there has been increased dialogue related to natural antimicrobials as topical actives and preservatives in the personal care industry. Synthetic compounds long accepted as effective in controlling microbial growth have come under scientific and regulatory scrutiny. These efforts are mainly driven by safety and environmental concerns, and the increased incidence of antibiotic resistant microbial strains. Natural alternatives derived from botanicals are therefore being explored by researchers across the world.



TOPICAL ANTIMICROBIALS: AN INTRODUCTION

Like all biological materials, the skin harbors resident microflora. Under certain conditions and in some groups of people, the skin microflora grow invasively and trigger pathological processes resulting in acne, infections and skin eruptions. Invasive growth of certain microorganisms causes scalp infections and infections in the oral cavity, as well. Certain microorganisms found in the skin, scalp and nails may also generate malodor and irritation, affecting general health and well being. Antimicrobials find functional applications in cleansing formulations, deodorants and topical protectant formulations.

Examples of skin pathogens include *Propionibacterium acnes* a microorganism associated with acne and other skin infections, *Staphylococcus aureus* a bacterial strain found in infected wounds and skin eruptions including acne, *Staphylococcus epidermidis* a bacterial strain occurring in a variety of opportunistic bacterial skin infections and in acne, corynebacteria and micrococci that cause body odor. Athlete's foot (*Tinea pedis*) and onychomycosis (nail fungus) are other infections associated

with the skin and nails. Examples of oral cavity pathogens include *Streptococcus mutans*, a bacterial strain associated with the progression of dental caries, Examples of scalp pathogens include *Pitysporum ovale* (*Malassezia furfur*, yeast strain associated with dandruff).

Microorganisms also affect dental health. Gum disease involves bacterial growth and production of metabolic substances that gradually destroy the tissue surrounding and supporting the teeth. These bacteria grow and attack the tissues causing "gingivitis" characterized by inflamed gums that bleed easily. If left untreated the condition progresses to "periodontal disease" wherein there is severe inflammation, bone damage and tooth loss. The causative bacteria reside in plaque, a deposit that forms on the base of the teeth and hardens to form "tartar". Poor oral hygiene is the major cause of gum disease. Lifestyle, nutrition and the ageing affect the immune response, and increase the risk of gum disease. Antimicrobials target oral pathogens such as *Streptococcus mutans*, while anti-inflammatory and wound healing extracts offer support to healthy gums and teeth.

Antibiotic resistant strains of microorganisms arise from non judicious use of conventional antibiotics. There is therefore a need for natural products that effectively inhibit the growth of microorganisms. Multifunctionality is an additional advantage of natural extracts. Several of them offer anti-inflammatory, immunological and wound healing support as well.

In the last few years, a number of laboratory studies have revealed the efficacy of plant extracts and phytochemicals as antimicrobials. These properties are attributed to the presence of secondary metabolites such as phenolics in essential oils and tannins in herbal extracts. Some examples of classes of natural materials that afford antimicrobial protection include essential oils such as tea tree oil, rosemary oil, turmeric oil; plant extracts such as rosemary extract, sage extract, lemon balm extract, green tea extract, *Kaempferia galanga* extract, Neem leaf extract and oil, and isolated phytochemicals such as cinnamates, benzoates, eugenol.

NATURAL ANTIMICROBIALS: ILLUSTRATIVE EXAMPLES

COLEUS OIL (INCI: COLEUS FORSKOHLII ROOT OIL)

Coleus oil is an essential oil extracted from the roots of *Coleus forskohlii* a plant from the Natural Order Labiatae (Lamiaceae), a family of mints and lavenders. This species is a perennial herb with fleshy, fibrous roots that grows wild in the warm sub-tropical temperate areas in South Asia. The roots are eaten as a condiment or pickle in India. In recent years *Coleus forskohlii* has gained pharmacological importance as the only known plant source of the biologically active compound, forskolin, an coleus oil is an useful byproduct of forskolin extraction. The newly discovered antimicrobial properties of the oil (of specific composition obtained using a proprietary extraction process), render it useful in topical preparations



Compounds such as 3-decanone (about 7%), bornyl acetate (about 15%), sesquiterpene hydrocarbons and sesquiterpene alcohols in major concentrations imparts unique pleasing spicy notes to the essential oil. β -sesquiphellandrene (about 13%) and γ -eudesmol (12.5%) were identified in experimental studies on the oil.

In laboratory studies, Coleus oil was found to more effectively inhibit the growth of skin pathogens including *Propionibacterium acnes* (associated with acne), *Staphylococcus aureus* (a bacterial strain found in infected wounds and skin eruptions including acne), *Staphylococcus epidermidis* a bacterial strain occurring in a variety of opportunistic bacterial skin infections and in acne, than the well known tea tree oil. Additionally, Coleus oil was found to inhibit the yeast culture *Candida albicans* more effectively than tea tree oil. The extract is safe to use in cosmetic formulations, it does not irritate the skin and its pleasant woody aroma blends with cosmetics.

KAEMPFERIA GALANGA (INCI: KAEMPFERIA GALANGA ROOT EXTRACT)



Kaempferia galanga (Lesser galangal, kencur), and *Alpinia galanga* (greater galangal) from the Zingiberaceae family are commonly used as spice ingredients and medicinal herbs in South-east Asia and are valued traditionally for their protective topical effects when applied as pastes.

Kaempferia galanga rhizome contains about 1.5 to 2% essential oil, whose main components are ethyl cinnamate (25%), ethyl-p-methoxycinnamate (30%) and p-methoxycinnamic acid. *Kaempferia galanga* is a good natural source of a biologically active ester compound ethyl p-methoxycinnamate. The antifungal action of ethyl-p-methoxycinnamate is reported in literature.

In laboratory studies, the fraction of the extract rich in ethyl p-methoxycinnamate was found to effectively inhibit the growth of *Propionibacterium acnes*, producing significant zones of inhibition at concentrations even as low as 0.5%.

TURMERIC OIL (INCI: CURCUMA LONGA)

CURCUMA LONGA ROOTS, THE SOURCE OF TURMERIC OIL

Turmeric oil is obtained by steam distillation or solvent extraction of the powdered rhizome of species of the genus *Curcuma* (Family: Zingiberaceae). Of these species, *Curcuma longa* is the most well known. *Curcuma longa* yields 0.3-7.2% (usually 4-5%) of turmeric oil following steam distillation. The chief constituents of the essential oil are turmerone (60%) and related compounds, and zingiberene (25%).

In India, turmeric is known for its cosmetic and wound healing properties since ancient times. The essential oil has been used as a perfume component and studies have shown that it furnishes antibacterial/antifungal 8-11, anti-inflammatory, insect-repellant activities and is effective in the treatment of scabies.



OLEUROPEIN: INCI: OLEA EUROPAEA (OLIVE LEAF EXTRACT)

OLIVE LEAVES, THE SOURCE OF OLEUROPEIN

Oleuropein is a polyphenolic compound found in plants belonging to the Oleaceae family, of which the olive tree is a member. The olive tree (*Olea europaea*) was known in biblical times as the "Tree of Life".



Oleuropein is the major phenolic constituent extracted from olive leaf, (constituting about 19% (w/w)) and from the polar fraction of virgin olive oil. Oleuropein is reported to be hydrolyzed to another biologically active compound, hydroxytyrosol, in vivo. A variety of antimicrobial actions of oleuropein and its associated compounds have been demonstrated in vitro. The inhibitory action of oleuropein against the growth and toxin production of *Staphylococcus aureus*, *Bacillus cereus*, *Pseudomonas syringae* and several other bacterial strains (by oleuropein or its hydrolysis products) in vitro, is documented. For example, the presence of low concentrations (0.1% w/v) of oleuropein delayed the growth of *Staphylococcus aureus* in nutrient media, while higher concentrations (0.4-0.6% w/v) inhibited growth completely. Concentrations of oleuropein greater than 0.2% w/v inhibited growth and enterotoxin production in both types of media.

Oleuropein had bactericidal effects against a broad spectrum of gram-positive and gram-negative bacteria, but no effect was observed against yeast.¹² Antiviral properties¹³ are also reported in vitro and in vivo. Although the precise mechanism of antimicrobial action has as yet to be elucidated,^{12,14} oleuropein and related compounds appear to have surface-active properties that interfere with microbial cell membranes. Oleuropein could also interfere with the synthesis of amino acids that are crucial to viral replication and in the case of retroviruses, neutralize the production of reverse transcriptase and protease. Additionally, oleuropein is also reported to stimulate phagocytosis or the immune response to infection by pathogens.

NEEM OIL AND NEEM LEAVES EXTRACT (INCI: MELIA AZADIRACHTA)

The Neem tree is traditionally labeled as "The Village Pharmacy" on account of its multifaceted healthful properties. Its properties range from immunomodulatory and anti-inflammatory effects to antimicrobial and pesticidal attributes. The leaves and seeds of Neem yield limonoids with wide biological applications. These have antibacterial, antiviral, insect repellent, anti-protozoal and anti-helminthic properties.

The seed oil at concentration of 0.3% on agar plates were active against *Staphylococcus aureus* and at 0.4% was active against *Salmonella typhosa*. The seed oil at concentration of 3% on agar plate, was active against *E. coli* and *Proteus* species, a concentration of 6.0% was active against *Klebsiella pneumoniae*. Methanol and Butyl-methyl-ether extracts showed antifungal activity against the following strains of fungi including *Epidermophyton floccosum*, *Microsporum canis*, *Microsporum gypseum*, *Trichophyton concentricum*, *Trichophyton entagrophytes*, *Trichophyton rubrum* and *Trichophyton violaceum*.



A recent study determined the efficacy of a mucoadhesive dental gel containing *Azadirachta indica* leaf extract (25 mg/g), using commercially available chlorhexidine gluconate (0.2% w/v) mouthwash as positive control. The results of the study suggested that the dental gel containing neem extract significantly reduced plaque index and bacterial count as compared to the control group.

GREEN TEA EXTRACT: (INCI: CAMELLIA SINENSIS LEAF EXTRACT)



The catechins in green tea were found to inhibit *Staphylococci* and *Yersinia enterocolitica*. Green tea extracts may make strains of drug-resistant bacteria more sensitive to penicillin. In vitro studies on particular antibiotic resistant strains of *Staphylococcus aureus* revealed that addition of green tea extract induced reversal of penicillin resistance. It was found that epicatechin gallate, markedly lowered the minimum inhibitory concentration (MIC) of oxacillin and other beta-lactams. Extracts of green tea were found to strongly inhibit *Escherichia coli*, *Streptococcus salivarius* and *Streptococcus mutans*, microorganisms found in the saliva and teeth of people suffering from dental caries. Green tea in combination with the synthetic antioxidant

butylated hydroxyanisole (BHA) reduced the hydrophobicity of *S. mutans* and greatly inhibited ($p < 0.001$) the formation of hyphae in *Candida albicans*. The increased antimicrobial activity of green tea is related to an impairment of the barrier function in microorganisms and a depletion of thiol groups.

NATURAL PRESERVATIVES

A preservative is essentially a chemical agent that will destroy microorganisms or prevent their growth in finished formulations. There is ample scope for microbial contamination at the end user level. It is therefore important that the cosmetic product be protected by a suitable preservative system to ensure safety in use and adequate shelf life.

Factors such as water activity and pH of the formulation, and the solubility and stability of the preservative in the base composition are factors that determine preservative efficacy. Additives such as glycerol, butylene glycol, salt (sodium chloride), sugars, soluble starches, dextrin, xanthan gum and others absorb water thereby lowering the water activity of the composition. Parallels in the list of natural actives include glucans, mannans and other polysaccharides extracted from commonly used culinary materials such as tamarind seed and fenugreek.

In the area of chemical preservatives that stop or inhibit microbial growth, common classes of chemicals used include acids, aromatic alcohols, N-methylol containing compounds, halogenated compounds, isothiazolinones, quaternary nitrogen compounds, and 1,2 diols. A number of phytochemicals found in natural sources resemble these compounds in chemical structure and are natural preservatives. These classes of phytochemicals include essential oil constituents (such as eugenol, thymol, carvacrol, terpenoid compounds), flavonoids, phenolic compounds, tannins and alkaloids. Some of these extracts when combined with ineffective antibiotics were found to be effective against antibiotic resistant strains.



Although no single natural extract has been found to be comparable in efficacy to conventionally used preservatives such as parabens, combinations of naturals with synergistic activity have been identified. Such extracts could offer protection against invasive growth of bacteria and fungi. Parabens for example, are poorly water soluble and their action is strongest against gram positive bacteria and fungi and weakest against gram negative bacteria. Combinations of synthetic preservatives are therefore used in formulations and the safety and global regulatory acceptance of effective levels of such combinations is sometimes a problem. It is here that combinations of natural extracts may be useful. Very often such extracts also offer antioxidant action, with beneficial effects on product shelf life. One example is a proprietary natural extract of yellow curcuminoids from *Curcuma longa* (turmeric) roots and a colorless derivative Tetrahydrocurcuminoids (INCI: Tetrahydrodifurulylmethane, Tetrahydrodemethoxydiferulylmethane, Tetrahydrobisdemethoxydiferulylmethane), that were found to offer more effective antioxidant protection than the conventionally used synthetic antioxidant butylated hydroxytoluene (BHT).

Another example is resveratrol (Resvenox®) which offers antimicrobial and antioxidant benefits. Resveratrol is found in widely varying amounts in grapes (primarily the skins), raspberries, mulberries, blueberries, bilberries, cranberries, peanuts, scots pine, eastern white pine, and the roots and stalks of giant knotweed and Japanese knotweed (*Polygonum cuspidatum*). It has antibacterial and antifungal properties.



CONCLUSIONS

An overview of some of the natural alternatives to synthetic preservatives and antimicrobial functional ingredients in cosmetics is presented here. Synergistic blends of these materials would be functional, and simultaneously benefit the "all natural" image of personal care products. Please contact Sabinsa Corporation for further information on these and other natural ingredients for use in antimicrobial personal care, and as preservatives in finished formulations.

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ARTICLE

Galaxy of global growth opportunities in home care and beauty care

By Prasanna Bidkar, an independent analyst Moneycontrol.com

The global Home Care market (\$150 bn) and Beauty Care market (\$350 bn) is driven by new guiding consumer-centric principles – mild, non-toxic, bio-degradable environmentally friendly products!

The preference for natural beauty products is a global trend. The facial care segment (\$100 bn) and the Baby Care segment (\$15 bn) is growing rapidly spurred by mild non-toxic surfactants. 65 percent of Indian mothers make their purchase decisions for their kids based on the quality of ingredients.

India is a \$6 trillion consumption story in cosmetics, facial care, baby care and men's grooming. The forecasted spend on personal care is moving up Income Level Ladder versus current and is poised for 2.5x spend.

Speciality chemicals – silent heroes

Giving every product a distinct edge are silent heroes - Specialty Chemicals, which make products safe for your skin or add a distinct feature or differentiated benefit. The addressable market for ingredients market is \$25-30 bn.

Edelweiss report (June 24, 2019) titled "Speciality Chemicals - A Balanced Equation" said, "India's speciality chemicals industry has clocked 12 percent growth over FY07–18.

In spite of rising environmental concerns and sharpening cost focus, the sector has sufficient dry powder to sustain this pace led by 1) burgeoning underlying demand from end-user industries; 2) outsourcing opportunity from the West; and 3) emerging export and import substitution opportunities due to the clampdown on chemicals manufacturing in China.

While these drivers create a conducive environment for the entire chemicals universe, we argue specialty chemicals players – owing to strong entry barriers and high growth visibility (10–15 percent end-user industry growth) – are poised to benefit the most.

Moreover, the industry has, in order to capture the promising potential, prudently increased capex by 60 percent-plus cumulatively over FY19–21 versus FY16–18, which we believe would pay rich dividends."

Global suppliers to global brands

Galaxy Surfactants Limited ("Galaxy" or "GSL") is a leading manufacturer of Performance Surfactants and Specialty Care products with over 200 product grades.

These products are used in consumer-centric Home and Personal care products such as hair care, oral care, skincare, cosmetics, soap, shampoo, lotion, detergent, cleaning products, etc.

Galaxy is the preferred supplier to leading MNC's, Regional and Local FMCG brands with 1750+ customers across 75 countries; key customers such as Unilever, Reckitt Benckiser, P&G, L'OREAL, Himalaya, Colgate Palmolive, CavinKare, etc.

In the last decade (FY09 to FY19), Galaxy's volumes have grown 3 times, EBITDA (Rs. crores) has grown 5 times, PAT has grown 7 times and Speciality revenues have grown 6 times.

The Company has its manufacturing facilities located in India (5), Egypt (1) and USA (1). Their presence in markets like India & Africa, Middle East and Turkey (AMET), puts them in a position to capitalise on these opportunities going forward.

India is still a small market for SCP though very promising. Galaxy sees four key themes in HPC (Home & Personal Care): 1) fast growing categories, viz. baby care, face care, men's grooming and affordable luxury; 2) Sulphate- and paraben-free products; 3) Ayurveda and naturals; and 4) online retail (omni-channel).

Baby care market is expected to become Rs 50bn by FY22 (from just Rs 0.7 bn in FY09). Men's grooming market size has grown 2x in past five years to Rs110bn and is expected to grow at a CAGR of 13 percent over FY08-FY22. Premium beauty care category is expected to grow at 17 percent CAGR over FY08-FY22. GSL believes it has right to play in these categories as it is already supplying intermediary products to MNC clients in other geographies.

R&D spurs innovation

The two blockbuster products were: 1) non-toxic preservatives, which grew to Rs2.5bn product in FY19 from just Rs0.2bn revenue in FY09 (28 percent CAGR, and contributed 24 percent to Speciality Care Product's (SCP's) revenue in FY19), and 2) mild surfactants, which rose to Rs1bn in FY19 from nil revenue in FY09 (10 percent of SCP revenue in FY19). The US and EU markets contribute 60 percent of SCP revenue.

Galaxy spends 4-4.5 percent of SCPs revenue on R&D. The focus is not just to develop new products but also commercialisation, which is reflected in the fact that 33 of GSL's 62 patents are commercialised.

GSL's new products in ultra-mild surfactants and blended preservatives have been well recognised, and the installed capacities for these products are over-booked. GSL is in the process to increasing its R&D facility area by 1.5x, and build pilot and mini plants with an outlay of Rs 1.2bn.

Galaxy focused on three patented products/processes. The first technology is in the mild cleansing segment that has surfactants with amino acid for personal cleansing.

Mild surfactants have been gaining market share as they cleanse without harming the skin. Therefore, this is the preferred product for uses like Baby skin (which has been gaining market share), dry skin, etc.

Galaxy poised for growth

Edelweiss estimates GSL's strong FMCG linked structural growth model (12-15 percent volume growth), stable margin (12-13 percent EBITDA margin) and return ratios (ROCE of 20 percent plus) to command a premium over specialty chemical companies. Its report has initiated coverage on the stock with 'BUY' and September 2020 target price of Rs 1,405 (22x P/E).

Galaxy's strong desire to create new value through innovation has led to such stellar results. The process of manufacturing is based on smart chemistry, wherein the surfactant is used to catalyse the synthesis of the precursor of the same surfactant.

This is a case of 'surfactant catalyses the synthesis of surfactants', making it a closed-loop manufacturing process. Galaxy is committed to developing an ecosystem that supports disruptive thoughts to create new products or processes and add value through Innovation. Galaxy is ready for the next decade of sustainable growth.

Source: Moneycontrol.com (Jul 26, 2019)

INGREDIENT SPOTLIGHT: HEMP OIL IN THE PERSONAL CARE INDUS-

Hemp oil used in personal care is one of the most on-trend natural ingredients making headway across Body, Bath and Shower Products. According to the Hemp Business Journal, the US consumers spent \$181 million on hemp-based personal care products in 2017 and projected to grow up to \$260 million by 2022.

Both Hemp Oil and other cannabidiol(CBD) oils are very popular at the moment and the later is mostly known for their anti-inflammatory and pain-relieving properties. Hence, hemp oil and cannabis sativa seed oil (industrial hemp oil) are the “go-to” ingredients for natural beauty and bath products, especially in skincare. However, the natural compound is increasingly being used in more formulations across beauty categories – from lip balms to bath salts to lotions, according to Mintel Report.

Cannabidiol (CBD) and hemp-infused beauty products have become an established category in their own right in the cosmetics industry. While demand for hemp beauty is booming and global legislative reforms are underway, there is still a stigma associated with the plant that can cause impediments for brands. However, this should not scare brands of using hemp oil and we are going to explain why below.

CONFUSION ABOUT HEMP OIL

There is a bit of confusion over this product as it is sometimes called by many names but most commonly “hemp oil”, which is often associated with medicinal products such as CBD or cannabis oil. However, hemp oil is most commonly sourced from the Cannabis Sativa (Industrial Hemp) plant seed (according to Medicalnews), thus often this ingredient can be called hemp oil, hemp seed oil and cannabis sativa seed oil or even cannabis sativa oil.

Cannabis Sativa is the botanical name of the plant species. One of the common strains is called Industrial Hemp which is where we get our Hemp Oil and CBD Oil and the other is Marijuana. Industrial Hemp oil naturally produces higher levels of the non-intoxicating compound: Cannabidiols (CBD) and no or very low levels of tetrahydrocannabinol (THC), thus it was legalized for cultivating in the USA. Cannabis has predominantly been associated with THC (the psychoactive compound of cannabis that creates a euphoric ‘high’ when ingesting the substance), and thus the oils are highly regulated and tested.

Hemp Oil is regulated in its production and is tested for THC and CBD levels, however, almost all hemp oils in the market can contain higher levels of CBD but low levels of THC, while Marijuana has higher levels of THC while hemp contains less than 0.3% THC, according to Karger Journal.

CBD Oil or Hemp Extract- CBD Oil, often referred to as Hemp Extract is an oil with naturally occurring terpenes, flavonoids, cannabinoids, and other beneficial phytonutrients from the hemp plant (could come from leaves, and flowers of the plant), thus containing higher concentration of CBD and THC. Therefore, hemp oil is not the same as cannabidiol (CBD) oil.

BENEFITS OF HEMP OIL FOR SKIN AND HAIR

#1 ANTI-INFLAMMATORY

Hemp oil is proven to have high anti-inflammatory properties due to it containing gamma linoleic acid (GLA) as well as omega-9. Therefore, hemp oil (CBD oil) may help treat acne and reduce sebum production, according to recent studies.

One test-tube study found that CBD oil prevented sebaceous gland cells from secreting excessive sebum, exerted anti-inflammatory actions and prevented the activation of “pro-acne” agents like inflammatory cytokines. Another study had similar findings.

Hemp seed oil products are good for normal, oily and dry skin types. It deep cleanses by removing dirt and grime from different skin types as it travels deep within and dissolves excess sebum. I also helps to regulate sebum production (common in oily skin), while also benefitting those with dry skin since dryness can trigger the production of even more oil.

#2 NOURISHING

The abundance of fatty acids may make the hemp oil an excellent choice for nourishing the skin and protecting it from inflammation, oxidation, and other causes of ageing.

According to, the Body shop, hemp seeds contain one of the most balanced and richest natural single source of essential oils for human consumption. It contains Omega-3 and omega-6 fatty acids, vitamins A, E, B-12, folic acid, magnesium, potassium and iron. The oil from the hemp seed is highly nutritious and may be especially helpful for the skin keeping it healthy and prevent breakouts. The composition of these essential fatty acids provides more elasticity for the skin and makes hair more shiny and strong.

The authors of a 2014 review noted that the topical application of hemp seed oil strengthens the skin and makes it able to resist infection. The authors also suggest that hemp seed oil may be a helpful treatment for a range of skin issues, including: eczema, dermatitis, psoriasis, varicose eczema, lichen planus (an inflammatory skin condition), acne and rosacea.

#3 MOISTURISING

Hemp seed oil similar to argan oil, in terms of deep moisturising benefits. Hemp oil acts as a natural humectant, which means it draws moisture into the skin and penetrates it very well, moisturizing between cells and strengthening the cell matrix. It can be easily absorbed to the hair roots, as well, strengthening the scalp and reducing dry flaking or dandruff.

#4 ANTI-AGEING

As mentioned above, due to its composition of fatty acids. Hemp Oil helps to smoothen out fine lines and wrinkles, thus helps to with anti-ageing. This is largely due to the linoleic acid and oleic acid content of hemp seeds. These essential fatty acids play a crucial role in keeping the skin healthy.

#5 ANTIMICROBIAL EFFECTS

Some other studies have also found hemp seed oil to have antimicrobial properties. These then lend even more power to the extract's anti-acne and anti-inflammatory effects. Together with many antioxidants, hemp oil protects the skin from free radical damage.

#6 SUITABLE FOR SENSITIVE SKIN

Again the fatty acids in hemp seed oil may help balance the skin and prevent inflammation that can result in acne, also with the addition of CBD oil from the plant matter, may also help clear acne. A study in the Journal of Clinical Investigation found that CBD may affect the sebum glands in people with chronic acne, leading to reduced sebum production and potentially helping clear or prevent acne breakouts.

4 PRODUCT EXAMPLES USING HEMP OIL

Due to these benefits of hemp oil, there are many products entering the market using this super ingredient. Below we share some of our picks:



Carun Active Hemp Soap is described as a naturally effective natural, cosmetic soap made from bio ingredients such as bio hemp oil and buckthorn, aloe vera and curcuma, featuring a naturally subtle scent containing no fragrances. Suitable for all skin types including sensitive ones, this vegan product is free from preservatives and colourants, and retails in a 100g pack.

Patchouli Hemp Bar Soap by Society is all-natural bar soap is formulated with organic Patchouli Oil and hemp to gently and naturally cleans all skin types with a grounding, balancing, and mood-harmonizing aroma. It is formulated using only natural microbes, enzymes, and ingredients with no synthetic chemicals.

Source: [Stephenson personalcare.com] (<https://www.stephensonpersonalcare.com/blog/2019-05-13-ingredient-spotlight-hemp-oil-in-the-personal-care-industry>)

Hemp Body Butter by Body Shop for intense hydration and increased protection. Infused with rich hemp seed oil, packed with essential fatty acids, this nourishing formula will leave your skin beautifully soft and supple.

Image Credit: Body Shop



RADICAL Skincare Rejuvafirm CBD Facial Oil. Described as a superfood detox and anti-ageing skin oil that spotlights the calming and antioxidant benefits of CBD oil. It also includes essential fatty acids.

Image Credit: lifeandsoullifestyle.com

Charlotte's Web Hemp range includes CBD hemp oils, capsules, topicals, and pet products that feature a unique CBD hemp oil extract.



INDIAN NEWS

Govt to bring soaps, adult diapers, sanitary napkins, other hygiene products under price control

In September last year, a committee on National List of Essential Medicines (NLEM) had set up sub-committees to classify medicines, medical devices, disposables, and health and hygiene products as per their criticality for the healthcare.

The government has identified commonly used hygiene products, which according to it should be of assured quality and accessible within the health system in sufficient numbers. The products are namely soaps, sanitary napkins, adult diapers, hospital hand gloves, operation theatre gumboots and floor disinfectants etc.

In September last year, a committee on National List of Essential Medicines (NLEM) had set up sub-committees to classify medicines, medical devices, disposables, and health and hygiene products as per their criticality for the healthcare.

The NLEM committee, which is in the midst of determining necessary medicines, hygiene products, consumables, will send the list to a second committee, which includes Rajiv Kumar, Vice-Chairman, NITI Aayog, Preeti Sudan, Secretary, health ministry; and PD Vaghela, Secretary, the Department of Pharmaceuticals. The said committee will then take a decision on which of these products need to be brought under price control, the Livemint reported.

Source: [livemint.com](https://www.livemint.com/science/health/government-shortlists-hygiene-products-to-be-brought-under-price-control-1566710834857.html) (August 25, 2019) (<https://www.livemint.com/science/health/government-shortlists-hygiene-products-to-be-brought-under-price-control-1566710834857.html>)

Soap makers reduce prices to boost demand

Toilet soap makers, led by Hindustan Unilever (HUL), have cut prices following muted growth in the category. Additionally, manufacturers have passed on cost benefits from low palm oil prices to boost market demand.

An HUL company spokesperson said, "HUL does selective and judicious price changes across its portfolio in the normal course of its business. Given that commodity prices are expected to remain benign for a certain time period, we have reduced prices by 4-6% in the Lux and Lifebuoy portfolio. It may be higher on certain packs, in order to pass on the benefits to consumers."

Wipro Consumer Care, which makes Santoor soap, has also reduced prices to stay competitive. Wipro Consumer Care president (India consumer care business) Anil Chugh said, "Yes, we have also cut prices in soaps, passing on the benefit of lower raw material prices to the consumer. We believe this will help increase consumption."

Volume growth has been a challenge for HUL over the last few quarters and the management had said in its discussion on June quarter results that it witnessed muted performance in its skin cleansing division, largely on account of mass brands Lifebuoy and Lux. HUL CMD Sanjiv Mehta further added that the company was looking at price cuts in soaps.

Industry analysts said the move to reduce prices could spur growth in toilet soaps, a highly penetrated category.

"This is the right strategy by HUL in our view, considering soaps volumes are soft and palm oil prices continue to remain lower on a year-on-year basis, although having picked up lately," said Edelweiss Securities executive VP (institutional equities research) Abneesh Roy. He added that the move could help HUL gain market share from the unorganised market as well as from other smaller players.

Source: [ET retail.com](https://retail.economictimes.indiatimes.com/news/food-entertainment/personal-care-pet-supplies-liquor/soap-makers-reduce-prices-to-boost-demand/70868472) (August 27, 2019) (<https://retail.economictimes.indiatimes.com/news/food-entertainment/personal-care-pet-supplies-liquor/soap-makers-reduce-prices-to-boost-demand/70868472>)

FMCG sector slows down due to lower consumption in rural market

The Rs 3-trillion fast-moving consumer goods market is facing a slowdown as lower consumption in rural market affected retail offtake and brought rural growth on a par with that in urban areas.

Further, tough market conditions have hurt small manufacturers, who, in turn, have contributed half towards the sliding growth in the sector. A drop in India's GDP growth, backed by lower spending by households, and concerns over a spike in inflation rate may pull the market further down.

Source: Business Standard (July 18, 2019) (https://www.business-standard.com/article/companies/fm-cg-sector-slows-down-due-to-lower-consumption-in-rural-market-119071800011_1.html)

“We’ve gained back share; to focus on ayurveda, premiumisation, rural distribution and e-comm”: Dabur chairman Amit Burman

India has regained lost market share, with the threat posed by Patanjali having receded, chairman Amit Burman told ET in his first interview after being elevated to the post this month.

“It (Patanjali’s) was a disruptive strategy to kill competition by price, like it happens in many industries. But after the disrupting, things settle down and ultimately product quality and depth of distribution are what matter,” he said.

Amid a slowing economy, intensifying competition and volatile markets, the Rs 8,500 crore-plus Dabur has identified eight power brands including Vatika shampoo, Red toothpaste, Real juice and Amla hair oil and is investing disproportionately to push them, said Burman, 50.

The youngest chairman of Dabur and a fifth-generation member of the founder family, Burman said his focus would be to enhance science-based ayurveda products, premiumisation, rural distribution and e-commerce.

“We have different products which are helping us. Our strength has been in healthcare, where we have seen good growth. That’s where newer products will come in,” said Burman, who is also promoter of independent food retailing company Lite Bite Foods.

In skincare, where Dabur has had a relatively smaller presence, it plans to step up premiumisation and high-margin launches. It is creating products only for e-commerce in spaces such as baby care to leverage on the scale opportunity it presents. Online grocery sales for the fast-moving consumer goods sector are only 2% of the overall Rs 3 lakh crore-plus category presently but projected to increase 11% by 2030.

Source: Economic Times (July 29, 2019)

([//economictimes.indiatimes.com/articleshow/70425903.cms?utm_source=contentofinterest&utm_medium=text&utm_campaign=cppst](http://economictimes.indiatimes.com/articleshow/70425903.cms?utm_source=contentofinterest&utm_medium=text&utm_campaign=cppst))

ITC's Q1 profit grows 12.69% to Rs 3,437 crore

Diversified conglomerate ITC Ltd reported a 12.69 per cent rise in its consolidated net profit at Rs 3,436.51 crore for the first quarter ended June 2019, driven mainly by FMCG and agri-business segments. The company had posted a net profit of Rs 3,049.38 crore in the April-June quarter of the previous fiscal. Net sales during the quarter under review stood at Rs 12,532.31 crore as against Rs 11,745.68 crore in the corresponding period a year ago, higher by 6.69 per cent, ITC said in a regulatory filing.

"The company posted a steady performance during the quarter amidst sluggish demand conditions. Gross revenue for the quarter stood at Rs 11,361.35 crore, representing a growth of 6 per cent, driven mainly by paperboards, hotels and FMCG-others (excluding the lifestyle retailing business)," said ITC. Total expenses for the said period were at Rs 8,113.67 crore as compared with Rs 7,667.62 crore, up 5.81 per cent. During the quarter, revenue from total FMCG business was up 6.76 per cent to Rs 9,209.99 crore as against Rs 8,626.61 crore in the year-ago period.

Source:[millenniumpost.in](<http://www.millenniumpost.in/business/itcs-q1-profit-grows-1269-to-rs-3437-crore-366915>)

HUL Q1 volume growth at 7-quarter low on weak demand

Hindustan Unilever Ltd (HUL), India's largest listed consumer packaged goods firm by sales, saw a further slowdown in its volume growth in the June quarter, because of weak consumption, particularly in rural areas. HUL saw its net profit, driven by higher revenue and a fall in raw material cost, jump by 15% to Rs. 1,755 crore.

However, volume growth hit a seven-quarter low at 5% in the June quarter. In the previous quarter, HUL had registered volume growth of 7%. The company's revenue from operations rose 6.6% year-on-year to Rs. 10,114 crore, while the cost of material consumed fell 6.5% from a year ago to Rs. 3,161 crore. Its domestic consumer growth improved by 7%. Though volumes continued to fall, margins improved by 150 basis points on the back of improved operating and advertising spends.

Its advertising and promotions rose by just 0.7% from the year-ago period. "Volume is likely to remain subdued in the short-term. We expect demand to be soft in the coming months as well. While consumption in the rural areas is growing, it is not growing as fast as it should be," Sanjiv Mehta, chairman and managing director, HUL, said at a press conference.

Growth during the reporting period was primarily driven by its home-care portfolio, which grew 10% on a comparable basis.

The personal care and beauty portfolio and the food and refreshment segments, grew 5.6% on a comparable basis. However, its personal wash segment witnessed muted demand, while its home-care segment recorded double-digit growth.

"We believe the second half of the year would be better than the first half. The measures introduced by the government in the Union budget will take some time to translate into results," Mehta said.

The company also announced that it has received approval from its shareholders and creditors for the proposed merger with GSK Consumer Healthcare. Subject to approvals from the National Company Law Tribunal, the integration is likely to be completed by the end of 2019.

"We do not operate from quarter to quarter. We work on a long-term plan. We have robust a pipeline and we will continue to launch and relaunch our brands," Mehta said.

In the June quarter, Pond's Men range of facial cleansers and moisturisers and FAL Ayurveda face-wash and facial kits were launched.

"Because of the liquidity issue, overall consumption has been under pressure. There has been a slowdown across all categories in the fast moving consumer goods industry. Given the slow pace of demand in the rural sector, maintaining a volume growth of even 5-6% would be tougher in the coming months," said an analyst who did not want to be identified.

Source : Livemint (July 24, 2019) (<https://www.livemint.com/companies/company-results/hul-q1-volume-growth-at-7-quarter-low-on-weak-demand-1563907848449.html>)

Opinion: Naturals trend in personal care is here to stay

By Suchi Bansal*

*Suchi Bansal is Mint's media, marketing and advertising editor.

Last month, Dettol, the germ protection brand, announced the launch of soaps and hand washes free from parabens and dyes. Reckitt Benckiser (RB), the consumer health and hygiene company that owns Dettol, said the new range was designed to keep consumer preferences in mind, especially mothers looking for products that did not have too many chemicals for their children and the families. The soap and hand washes are infused with natural tulsi and jasmine.

Fast moving consumer goods (FMCG) major Hindustan Unilever Ltd (HUL) has also extended its soap brand Lux into the herbal and naturals segment with the Lux Botanicals range infused with honey, aloe vera and other natural ingredients. Launched in June, the range is aligned with the needs of the consumer who is gravitating towards "back to nature" products. In fact, in the last two years, among the new launches at HUL, the maximum have been the herbal and naturals variants of existing brands. It had earlier launched an ayurveda version of its Fair and Lovely face cream, Lifebuoy soap in neem and turmeric and Sunsilk shampoo with coconut water and aloe vera. Honey, green tea and aloe vera were also used to create a Naturale range for Lakme 9to5 brand of cosmetics.

Personal care brands are clearly moving where the consumer is going. Ashwini Sirsikar, country service line leader at the qualitative research department of Ipsos, agrees to a wave towards natural and chemical-free products across industries, especially, skin care.

"The belief is that anything which is natural or herbal may have fewer side effects compared to chemical-based products. There is also a high involvement with skin care and personal care products; good skin is seen to be the window to beauty and health and, hence, people don't want to take a risk with it," she says.

Ingredients such as rose, turmeric, saffron, aloe vera and cucumber, have benefits that the consumers are aware of and are linked strongly to skin care; while others such as jojoba and hibiscus add a more exotic touch to the product, she adds.

Sales data from research and analytics firm Nielsen backs the naturals trend. According to Sunil Khiani, head of retail measurement services, Nielsen South Asia, consumers are more aware of the benefits of naturals products in toilet soaps, skincare, toothpaste, etc. According to his data, the current market size for naturals in personal care stands at Rs. 17,500 crore, currently growing at 14.1% in value terms. The growth is entirely driven by the increase in volume/consumption, while prices have remained stable. On the other hand, the non-naturals segment has maintained its 9% value growth on the back of price reductions, leading to higher volume growth than value growth.

That is not all. The contribution of natural products to personal care has increased from 32% in March 2017 to 35% in March 2019. The categories included for the analysis are toilet soap, toothpaste, shampoo, face care, and hand and body care. In fact, toilet soaps remain the largest contributing category by holding 44% of the naturals segment. Hand and body care is the fastest growing category at 18%, while toothpaste comes second at 15%, says Nielsen.

Surprisingly, the rural markets continue to grow faster than urban in the past two years in the naturals segment: Rural grew by 16.5% compared to 12.9% for urban in value terms in March 2019 compared to March 2018. Interestingly, a Nielsen Global Premiumization study of 2018 revealed that 58% of consumers in India are willing to pay a premium for products that provide organic and natural ingredients, compared to 41% globally.

In a recent interview with Mint, Dabur India chief executive officer Mohit Malhotra made a pertinent point when he said that the trend towards herbals and naturals portfolios is here to stay. It is a global trend and it will not decline, Malhotra said. "This isn't a cyclical. It is permanent because it is in line with sustainability, with reducing carbon footprint, it is in line with increasing the life cycles of human beings. It is going back to nature."

Regulations are also making it more sustainable. "Whether you look at what Food Safety and Standards Authority of India (FSSAI) or Ayush ministry are doing, it is becoming structured and systemic in India and globally. It's not a temporary fad or fashion." Nielsen's Khiani agrees: "This is an ongoing on-ground conversation. The government and the consumer is more aware. We should see more innovations in this segment in the time to come."

Source: Livemint (July 18, 2019)

Emami ropes in BCG to formulate growth strategies; eyes e-tailing

FMCG major Emami Ltd has roped in global management consultant BCG (Boston Consulting Group) to formulate a "future growth" strategy through existing "brands and emerging channels".

Emami also intends to be a debt-free company by the end of this fiscal.

The company, in its annual report for 2018-19, has mentioned that it has "engaged BCG" to "advise on strategy". According to Naresh Bhansali, CEO, Finance, Strategy & Business Development, the consultant has been appointed for a period of one year or a "little longer than a year".

BCG would evaluate a few of existing brands, mostly power brands; explore adjacencies and help formulate strategies to develop and work on new channels. The power brands include Navratna, Boro Plus, Zandu & Mentho Plus, Fair and Handsome and Kesh King.

Emami, he said, was open to "exploring opportunities" in both modern trade and e-commerce and is also open to the idea of having an online-specific portfolio. Premiumisation of its existing portfolio will also continue. Emami Ltd in FY19 had reported a profit after tax of Rs. 303 crore against a revenue of Rs. 2,693 crore.

According to Abneesh Ray, Executive Vice-President, Edelweiss Securities, the move bodes well for the company. While there has been "innovation" in recent products, Emami's offerings have not been "disruptive". Moreover, larger FMCG companies have stepped up the pedal on new channels such as e-commerce, a channel Emami is yet to catch up on.

Debt-free entity

Emami is also planning to be debt-free by the end of this fiscal. The company's debt stood at around Rs. 110 crore in FY19. This, incidentally, is the lowest debt that the company had in over a 10-year-period. Bhansali said that with EBITDA being around Rs. 726 crore; paying-off a Rs. 100-crore debt is not much of an issue. "We will be debt-free by year end. Our EBITDA is quite good," he said.

Ray said even if there is slowdown in top-line, EBITDA is expected to be around Rs. 700 crore. Discretionary spends and advertisements will see a cut. "A differentiation between volume slowdown and EBITDA has to be made. We don't see an issue with (repaying) the debt at Emami," he said.

Source: Hindu Businessline (July 22, 2019)

Emami posts 47% profit growth in Q1 FY20

The Board of Directors of Emami Limited met on 8th August 2019 to consider the unaudited financial results of the company for the quarter ended 30th June 2019.

The June quarter witnessed challenges in terms of adverse economic conditions such as channel liquidity issues and muted rural incomes which coupled with a high base in Q1FY19 impacted growth levels in the domestic business. Despite such challenges, the company closed the quarter with Revenues of Rs. 649 cr which grew by 6% over previous year.

During the quarter, both Kesh King and 7 Oils continued to post robust growth, while Navratna grew satisfactorily. However, muted performance of Pain Management, Male Grooming,

BoroPlus and Healthcare range led to lower growth in the domestic business. While, key brands like Navratna, Zandu&Mentho Plus balms, Kesh King and BoroPlus continued to gain market shares, Fair and Handsome maintained its leadership. International Business grew by 34% during the quarter led by a strong performance in SAARC and MENAP regions. Excluding the new acquisition Creme 21, International Business grew by 10%.

During the quarter, Gross margins at 64.2% declined by 210 bps due to an increase in raw material costs. Despite this, EBIDTA grew by 11% and EBIDTA margins at 20.7% grew by 110 bps. PAT at Rs. 39 cr grew by 47% and PAT margins increased by 170 bps.

Mr Mohan Goenka, Director, Emami Limited said: "We are happy to report a healthy profit-led growth this quarter with revenues growing by 6% and PAT growing by 47%. Despite continuing input cost pressure, our EBIDTA margins expanded by 110 bps. However, the macroeconomic environment continues to be challenging, with a distinct slowdown in the consumer demand curve particularly for discretionary products. Despite such challenges, we are satisfied with the performance of Kesh King, Navratna, 7 Oils in One and international business this quarter. With the stabilization of raw material prices and the government impetus to put rural growth on the fast track, we expect business to bounce back in the coming quarters."

Mr Harsha V Agarwal, Director, Emami Limited said: "Our power brands reinforced leadership in the respective categories increasing their market shares during the quarter which we believe is credible given a hesitant consumer sentiment. In the international front, our new acquisition of the German personal care brand Creme 21 received encouraging consumer traction. Our outlook for the balance quarters in FY 20 remains positive based on the business strategy adopted to build a strong foundation for sustainable profitable growth, efficient management of risks /challenges and improvement of operating margins."

Source: Emamilt.d.in (August 8, 2019)

Rishabh Kothari takes over as President of FAFAI

The Fragrances and Flavours Association of India (FAFAI) has elected Mr. Rishabh C. Kothari, CEO of CKC Fragrances, Kolkata as its President for the years 2019-21, after the conclusion of its 70th Annual General Meeting on July 10, 2019 at Mumbai.

With this coveted industry acknowledgement, Mr. Kothari will be working with Government and business leaders towards spearheading the Industry's growth and development. He was previously Vice President, FAFAI.

Established 7 decades ago in 1949, FAFAI has more than 800 members across the country, and is the apex body for all trade and industry in the field of Fragrances, Flavours, Aroma chemicals, Natural Oils and its ancillaries and the flag-bearer of the country in all related international forums.

Fragrances and Flavours are not only critical and key differentiators in almost all applications that they are used, but increasingly, also the ambassador of Indian taste, culture and ethos in products being sold both in India and globally.

From being an import dependent industry a few decades ago, India today has emerged as a global powerhouse in the field of fragrances and flavours and their ingredients, including synthetic aroma and flavor chemicals, natural essential oils, spice oils and mints. As per data collated by the Export Promotion Council CHEMEXCIL, Indian Exports clocked a growth of 63.74% in terms of volume and 53% in terms of value between the years 2016-17 and 2018-19 demonstrating the growth and potential of the industry.

Speaking on the occasion, Mr. Kothari said that he was both humbled and honored to assume to the role of the President of this prestigious organization and was confident that with his team he shall be able to steer the industry towards greater progress.

Mr. Kothari is a second generation entrepreneur and as CEO of CKC Fragrances, his craft is an interesting mix of science and creativity which extends to his interests and personality as well. He is very active in social as well as industry bodies and forums including being a Member of the National MSME Board of the Government of India as well as MSME Chair of the business Chamber MCCI. Apart from being an entrepreneur by profession, he is a Heartfulness Meditation Trainer by passion and contributes to the Heartfulness Meditation organisation in various capacities.

In addition, Mr. Kedar Ramesh Vaze, C.E.O. of S. H. Kelkar & Co. Ltd., Mumbai was elected Vice President of FAFAI at the same meeting. The other office bearers who assumed office in the Meeting were –
Mr. ShyamPrabhu – Hon. Secretary
Mr. Sanjay Harlalka – Hon. Joint Secretary
Mr. Hitesh Mehta – Hon. Treasurer
Source: Dailyhunt (July 13, 2019)

GCPL signs a tripartite MOU with the Government of Uttar Pradesh to further its commitment to eliminate malaria in India by 2030

Godrej Consumer Products Limited (GCPL) has signed a non-financial, tripartite, Memorandum of Understanding (MOU) with the Ministry of Health and Family Welfare, Government of Uttar Pradesh, and Family Health India (FHI), a local affiliate of FHI 360 (a US-based NGO). This is the second MOU signed with a state Government by GCPL, the first being with the Government of Madhya Pradesh in January 2018, which details a long-term partnership and enlists responsibilities for each party to ensure wider reach and create a more sustainable model for implementing GCPL's Project EMBED (Elimination of Mosquito Borne Endemic Diseases).

On April 25, 2017, World Malaria Day, GCPL committed to support a malaria free India by 2030 and commissioned Project EMBED, which aims to reduce morbidity and mortality caused by vector borne diseases. EMBED will cover 200 villages in the Bareilly and Badaun districts of Uttar Pradesh and impact 1,50,000 people at risk from malaria. The project activities will include providing information, education and communication (IEC) material to implement behavior change communication (BCC) campaigns focused on prevention and treatment of mosquito borne diseases. It will also provide training to local health workers, and support Government led vector control initiatives.

The MOU was signed by Godrej Consumer Products, Dr.Prabhakar Singh, Director General, Medical Health, Government of Uttar Pradesh and Sharad Malhotra, Director of FH India. Other government officials present included Dr.MithileshChaturvedi, Director, communicable diseases, Mrs. V. HekalZhimomi, Secretary Medical Health, Shri. SiddharthNath Singh, Honourable Health Minister, Uttar Pradesh, Shri Mahendra Singh, Honourable Minister of State, Medical and Health, and Shri Pankaj Kumar, Medical Director, National Health Mission.

Commenting on this partnership, VivekGambhir, Managing Director and CEO, Godrej Consumer Products Limited, said:

"As a company, Godrej has always actively championed social responsibility. We are deeply committed to driving the social progress of the communities that our businesses operate in. We have a 'shared value' approach to business growth and innovation. The idea is to link business success with social progress.

We have been working closely with the Government of Madhya Pradesh since we commissioned EMBED. We are very thankful for the support and encouragement that the Government and FHI have extended towards the elimination of mosquito-borne diseases in the state. We believe that by building strong partnerships and creating community engagement, we can make huge strides in our efforts towards eliminating malaria in India by 2030. We are encouraged by the progress made by EMBED in Madhya Pradesh and are looking forward to replicate our intervention and engagement model, and learnings in Uttar Pradesh.

Our overall goal is to improve awareness related to vector borne diseases, and increase adoption and usage of mosquito prevention strategies, which will significantly contribute to the reduction of the economic burden and loss in productivity caused by these diseases."

Source: Godrejcp.com (July 17, 2019) (https://godrejcp.com/media/press_release/6406-gcpl-signs-a-tripartite-mou-with-the-government-of-uttar-pr.aspx)

ITC Post tax profit for the quarter ending June 2019 up 12.6%

The Company posted a steady performance during the quarter amidst sluggish demand conditions. Gross Revenue for the quarter stood at Rs. 11361.35 crores, representing a growth of 6%, driven mainly by Paperboards, Hotels and FMCG-Others (excluding the Lifestyle Retailing Business). Profit after Tax at Rs. 3173.94 grew by 12.6%. Total Comprehensive Income stood at Rs. 2960.93 crores (previous year Rs. 2897.10 crores). Earnings Per Share for the year stood at Rs. 2.59 (previous year Rs. 2.31).

"This is a great step to utilize the idle national resources. This will help us strengthen the Swadeshi movement which in turn will help the farmers," Balkrishna said. He also said the company will utilise the infrastructure of Ruchi Soya for the betterment of farmers. The NCLT had concluded the hearing on the case on May 10 and reserved its order on the Rs 4,350-crore offer by Patanjali to take over the crippled edible oil firm.

Reserving the order it had sought clarity on Rs 600-crore of part-funding committed as internal accruals for the acquisition. The counsel for the Haridwar-headquartered Patanjali reiterated that Rs 600 crore of the Rs 4,350-crore fund would be met through internal accruals but did not furnish a detailed break-up of the same yet, despite the tribunal directing it to do so twice.

In December 2017, NCLT admitted the bankruptcy petition filed by Standard Chartered Bank and DBS against Ruchi Soya and had appointed Shailendra Ajmera as the RP, who had received over two dozen expressions of interest initially. But financial bids were submitted only by Adani Wilmar and Patanjali. Later citing delays, Adani withdrew from the process despite being the highest bidder, leaving Patanjali alone in the fray, which had in April increased its bid value by around Rs 140 crore to Rs 4,350 crore. The offer excludes a staggered capital infusion of Rs 1,700 crore.

With the acquisition of Ruchi Soya, Patanjali will become a major player in soyabean oils and other edible oils. Ruchi Soya has many functional plants and its leading brands include Nutrela, Mahakosh, Sunrich, Ruchi Star and Ruchi Gold and has one of the best functional and the largest infrastructure for soyabean.

Adani Wilmar, which sells edible oil under the Fortune brand, was the highest bidder last August after a long-drawn battle with Patanjali. But then said the process was getting delayed as Patanjali moved the Mumbai NCLT.

For Patanjali, which was clocking multi-fold growth in recent years, saw a marginal growth in FY18 hit by GST, finishing at around Rs 12,000 crore, the deal will help boost both bottomlines and topline. In FY17 it had a turnover of Rs 10,561 crore, registering 111 percent growth. The Competition Commission had cleared the deal on March 6, 2019.

'Patanjali Urban Sales Shrink, Rural Growth Down to a Third'

Patanjali Ayurved's sales in volume terms have shrunk in cities, while growth reduced to a third in villages even as the overall market for natural products continues to grow, a new study has found.

The Baba Ramdev-led firm's urban volume sales declined 2.7% during the 12 months ended April 2019, while its rural sales grew 15.7%, according to Kantar Worldpanel (formerly IMRB), a global consumer research firm owned by communications and advertising giant WPP. The overall natural products market grew 3.5% in urban India, unchanged from a year-ago period, while the rural market expanded 5% against 4.4% earlier.

A year ago, the Haridwar-based company had grown 21.1% in urban areas and 45.2% in the hinterland during the same period.

"The natural segment is driven not just by core natural brands, but also ones introducing some natural ingredients in their products," said K Ramakrishnan, managing director at Kantar Worldpanel. "It has helped incrementally build the parent brand, which may not be in the natural space at all."

The slowdown of Patanjali, which had challenged multinationals' dominance in the consumer segment, comes on the back of rivals rolling out herbal brands over the past two years after witnessing sharp consumer shift towards natural products. "Today, the naturals segment reaches almost all households in India and contributed a quarter of volume sales," Ramakrishnan said. About 60% of all new launches in 2018 were in the natural space, a jump from 49% two years ago, the Kantar report said.

This directly impacted Patanjali's financials - the company's sales fell 10% to 8,135 crore in the year to March 2018, while it registered sales of 4,701 crore in the first nine months of FY19, according to provisional data by CARE Ratings.

Market leader HUL has relaunched the Lever Ayush brand of ayurvedic personal care products, acquired Indulekha haircare brand, and launched Citra skincare brand to spruce up its presence in the naturals space. Similarly, L'Oreal launched a haircare range under the Garnier Ultra Blends, made with natural ingredients, while Colgate launched natural toothpaste brand Vedshakti.

In fact, HUL has claimed its natural portfolio has been growing twice the rate compared to the average growth rate of the company. "It is still a small base, but this trend is not going to go away. And our thrust on naturals is not just a fad, it is bound to remain," said Sanjiv Mehta, chairman at HUL that launched several natural variants in brands, including Brooke Bond, Fair and Lovely and Lux, among others.

A week ago, Dabur India chairman Amit Burman told ET that it has regained lost market share, with the threat posed by Patanjali having receded. "It (Patanjali's) was a disruptive strategy to kill competition by price, like it happens in many industries. But after the disrupting, things settle down and ultimately product quality and depth of distribution are what matter," he had said.

At present, Patanjali has more than 200,000 sales counters and about 100 Patanjali mega stores. In addition, it also has its own online sale portal and more than 1,500 Patanjali chikitsalayas, 5,000 arogya centres and 25,000 swadeshi centres.

Source: [ETRetail.com] August 5, 2019 (<https://retail.economictimes.indiatimes.com/news/food-entertainment/personal-care-pet-supplies-liquor/patanjali-urban-sales-shrink-rural-growth-down-to-a-third/70529072>)

FMCG demand to revive in second half: Emami

FMCG firm Emami Ltd chairman RS Agarwal said though the overall environment continues to be challenging, he expects demand to revive in the second half of the fiscal year.

Addressing Emami shareholders during the company's 36th annual general meeting, Agarwal said the company expects consumer sentiments to pick up driven by a young aspirant population, growing rural income, normal monsoon and increased government impetus.

He said Emami is "attractively placed to capitalize the opportunity of the upscaling of the demand momentum that is expected to set in the second half of FY 2019-20."

Growth in FMCG sector has slumped in the past four quarters in a row since July-September 2018, both by value and volume, as consumers shifted to cheaper daily essential brands in the urban markets and rural growth slowed.

Value growth, or revenue earned, fell from 16.5% in July-September 2018 to 10% in the June quarter this year, according to market researcher Nielsen. Growth by volume, or the number of packs sold, dropped from 13.4% to 6.2% in the same period.

Agarwal said Emami is focusing on newer channels like modern trade and e-commerce to drive growth. Modern trade reported a growth of 43% thereby increasing its contribution from 6% to 8% of Emami's domestic business in 2018-19, while e-commerce segment grew by 112% over the previous fiscal.

Source:[ETRetail.com] (August 9, 2019)

GLOBAL NEWS

Clariant collaborates with Elevance Renewable Sciences for developing and commercialising greener emollients for personal care industry

Clariant says it has taken its long-standing collaboration with Elevance Renewable Sciences to the next level by developing and commercializing high-performance greener emollients for the personal care industry. An area of concern for both formulators and consumers is the use of silicones and other petrochemical-based constituents in personal care products. While silicones are used in a wide variety of skin and hair care products to meet consumer demands such as ease of spreadability, deep conditioning, imparting shine and creating a long-lasting soft feel, there is growing awareness of the risks some of them may pose to the environment, with potential for a total ban on their use in some regions.

In response, Clariant recently introduced its new Plantasens Flash 80 and Flash 100 as highly effective greener alternatives to silicones.

The two ingredients represent a major milestone for formulation development as they are not only environmentally friendlier and affordable, but high-performing, and delivering comparable or even superior results to traditional silicones. Plantasens Flash 80 and Flash 100 have been made possible through Elevance's expertise in producing specialty chemicals from plant oils using Nobel Prize winning metathesis catalyst technology.

Source: Happi.com (August 2, 2019)

Henkel Expands Soap Production at PA Facility

Henkel revealed plans for a \$19 million investment in the expansion of its West Hazleton, PA facility. This investment will enable the company to open a new production line for both Dial body wash and Dial liquid hand soap and will help enable future growth for the business. As part of its investment in the facility, Henkel has added 14 new jobs to support the Dial brand, raising the total employee count at the plant to 180. "This is an exciting time for the West Hazleton plant," said Tricia Fair, plant manager. "The West Hazleton facility has a long history of manufacturing Dial products and we are very pleased that Henkel's investment will drive growth and bring new jobs to our community. The line expansion is an investment in the future of both the company and the brand's mission. Dial has been a trusted brand to families for over 70 years, and we are committed to furthering the brand's efforts to help deliver clean, healthy skin to consumers everywhere."

Source(Henkel.com)(August 2nd, 2019)

Acme-Hardesty Opens Innovations Lab

Acme-Hardesty, a division of Jacob Stern and Sons, Inc., has opened its new innovations lab dedicated to personal care product and formulation development in Blue Bell, PA. The lab will support Acme-Hardesty's growth in the personal care market and help develop customer solutions for customers focused on color cosmetic, skin, hair and sun care applications.

"The opening of our lab strengthens our commitment to becoming a leader in the personal care industry," said Caren Dres-Hajeski, business unit director, personal care. "Our Innovation Lab will service both our customers and principals alike, and allow us to provide superior technical expertise and market insights."

"The addition of lab capabilities will enable Acme-Hardesty to provide value added, innovative solutions to our customers," added Rishabh Shah, technical director for Acme-Hardesty. The lab offers a wide range of capabilities, such as formulation assistance, chassis development from ideation to lab scale-up and ingredient recommendations.

In other news, Acme-Hardesty has been awarded a Top Workplaces 2019 award by The Philadelphia Inquirer. The list is based solely on employee feedback gathered through a third-party survey administered by research partner Energage, a leading provider of technology-based employee engagement tools. The anonymous survey measures several aspects of workplace culture, including alignment, execution and connection, just to name a few.

"We are thrilled to be named a Top Workplace for the second year in a row," said Jeff Kenton, president of Acme-Hardesty. "I continue to be impressed by our team and what they have accomplished, and I am thankful to each of them for striving to make our workplace the best it can be."

Source: www.acme-hardesty.com (August 2, 2019)

L'Oréal brings augmented reality, artificial intelligence experiences to Shopee

Available in the latest version of the Shopee application, the feature is powered by augmented reality (AR) and artificial intelligence (AI) technologies, allowing users to virtually try different shades of beauty products on their skin before buying them.

The company said in a statement that ShopeeBeautyCam was launched following the acquisition of ModiFace, a company that creates augmented reality tech for beauty brands.

"L'Oréal as the world leader in beauty thrives on innovation and bringing new experiences for our consumers. We also bring the best of our beauty products and technologies available worldwide to Indonesia so that our consumers here can have access to the latest beauty trends," said the company's consumer product division general manager, ManashiGuha, in the statement.

Guha said that ShopeeBeautyCam users could try different shades of Maybelline New York, L'Oréal Paris and NYX Professional Makeup products on the platform prior to making a purchase.

"This combination of augmented reality and artificial intelligence technologies addresses a core need of service, which was not available online. We aim to make online shopping seamless and easy with BeautyCam," said Guha, adding that the technology would be launched across platforms in Indonesia soon.

Source: jakartapost.com (July 28, 2019)

Lubrizol Acquires Bavaria MedizinTechnologie GmbH

The Lubrizol Corporation announces the acquisition of Bavaria MedizinTechnologie GmbH (BMT), an innovative designer and manufacturer of both intravascular (coronary, peripheral, and cranial) and nonvascular devices, including drug-coated balloons, by its German subsidiary Lubrizol Deutschland GmbH from its current majority shareholder CustosVermögensverwaltungs GmbH as well as from the minority shareholders.

This acquisition builds upon Lubrizol's expertise in precision thermoplastic extrusion and product development, establishing Lubrizol as a true end-to-end partner to the global medical device and pharmaceutical industries.

With over 100 employees, BMT is headquartered near Munich, Germany and operates a manufacturing facility in Sibiu, Romania. A pioneer in catheter-based technologies, BMT developed the first commercial drug-coated balloon, the Paccocath™ catheter. Today, BMT holds over 50 patents and continues to innovate through self-funded R&D projects, as well as contract R&D services. Additionally, BMT offers private label manufacturing of proprietary catheters and balloons along with original equipment manufacturing (OEM) services, which include the manufacturing of subassemblies and components, sterilization, packaging and labeling, stent crimping, and logistics management.

The acquisition of BMT expands Lubrizol's product design, development, and manufacturing expertise and provides access to proprietary catheter and balloon technologies. BMT's experience and reputation in the drug-coated balloon (DCB) space aligns well with Lubrizol's pharmaceutical CDMO business and positions Lubrizol as the ideal partner for developing next generation DCBs.

"Lubrizol continues to invest in opportunities that position us as a full-service development partner for innovative OEMs in the interventional space," said Uwe Winzen, general manager of the Health business of Lubrizol Life Science. "Our customers will benefit from additional design capabilities, an increased global footprint, and synergies with our existing formulation and manufacturing services."

Source:Lubrizol.com/news centre (July 15, 2019)



Lubrizol Integrates Personal, Home and Health Care Divisions; Now Lubrizol Life Science

The Lubrizol Corporation announces the reorganization of its Personal, Home and Health Care business lines, integrating them under a newly dedicated brand, Lubrizol Life Science. The change reflects the company's commitment to evolve with the beauty, health, home and wellness markets, which continue to cross over and converge. The newly formed Lubrizol Life Science team seeks to enhance the value of its solutions and services to customers and end users through its collective expertise in chemistry, applications and market insights.

"Lubrizol Life Science brings together a great variety of formulation and product development experience to sit under one umbrella," says Lubrizol Advanced Materials President Rick Tolin. "Our internal capabilities are focused and aligned to help our customers quickly meet the expectations of today's consumers for products that ensure them of a healthier, more beautiful and comfortable life."

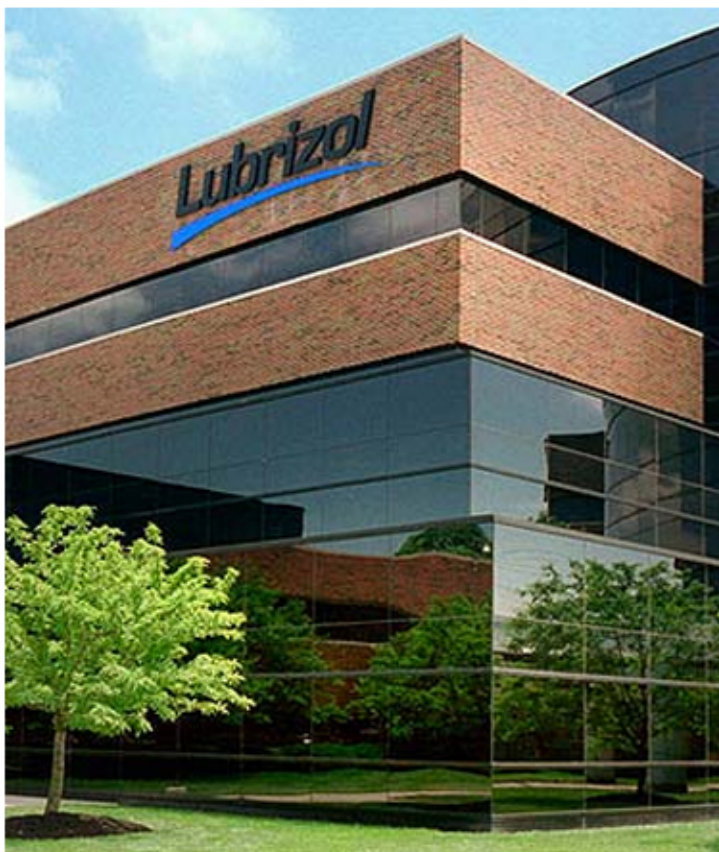
The newly aligned Lubrizol Life Science team is placing a priority on developing and testing products in partnership with customers, engineering breakthroughs and co-driving initiatives that fuel growth. Practices and processes emphasize agile innovation, enabling the organization to act at the speed of a start-up, while responding with the reach, resources and delivery of a global leader. The new brand will also emphasize the proactive innovation needed to bring market-ready solutions to customers, while capitalizing on the reliability of Lubrizol's 90 years of science and efficacy.

Tolin points out, "Our beauty, health and home customers can count on us bringing truly differentiated products to market, formulated with ingredients that are consumer-driven and backed by the reliability of Lubrizol." Tolin adds, "The Lubrizol Life Science team is poised to service customers throughout the value chain, from concept to

commercialization. Once viewed by customers as a chemical and ingredient supplier, we have evolved into an essential, concept-to-commercialization solutions partner."

Lubrizol Life Science also plans to add strategic technology, capability and talent by investing to expand its portfolio, including new acquisitions that bring unique opportunities and synergies.

Source:Lubrizol.com/news centre (July 11, 2019)



Givaudan to acquire Drom to strengthen leadership in the global fragrance market

Givaudan, the global leader in flavours and fragrances, today announced that it is to acquire Drom to further extend its leadership in the global Fragrance market.

Founded in 1911, Drom is a global perfume house creating fragrances for consumer products and fine fragrance customers across the world. Drom is headquartered near Munich in Germany and has manufacturing facilities in China, Germany, the USA and Brazil. The company employs 489 people globally.

Gilles Andrier, CEO of Givaudan said: "The acquisition of Drom is very exciting for Givaudan as it further asserts our leadership position in the Fragrance market globally and is fully in line with our strategic ambitions. Like Givaudan, Drom has a long heritage in fragrance creation and their capabilities and strong culture will fit perfectly with ours. We look forward to welcoming Drom's employees to Givaudan and are confident that our combined capabilities will deliver a compelling valuable proposition for our customers across segments and in key markets."

Maurizio Volpi, President of Givaudan's Fragrance Division said: "Drom is a much respected international fragrance house that has developed a strong customer base, in particular with local and regional customers, thanks to their creativity and excellent service levels. The complementary nature of both businesses will further enhance our capabilities in serving customers across all segments and geographies."

Ferdinand and Andreas Storp, co-owners and Presidents of Drom, said: "We are very excited to have Givaudan as the new home for Drom. We are convinced that the combination with Givaudan represents an outstanding strategic fit and will allow Drom to further expand its customer reach and geographical footprint going forward."

While terms of the deal have not been disclosed, Drom's business would have represented approximately EUR 110 million of incremental sales to Givaudan's results in 2018 on a proforma basis. Givaudan plans to fund the transaction from existing resources.

The planned acquisition remains subject to formal approvals from the relevant regulatory authorities and the transaction is expected to close in the third quarter of 2019.

Source: givaudan.com/media (July 24,2019)

McKernan pays more than recycle value for Surplus Packaging Inventory

Let McKernan Packaging Clearing House help you liquidate your excess packaging, while also allowing you to recoup some of your investment. If your organization is like most, at some point, you'll find yourself with surplus or overstock packaging. Your focus is on your business and, often, there is not the time or resources to sell your excess components piece by piece. You have a few choices...recycle it (if possible), throw it away, or, the most profitable alternative, contact McKernan. It's a hassle-free and secure way to sell your excess inventory. We are able to make a deal within one business day, after evaluating your surplus.

If you're like most companies, no matter how well you plan your purchasing and production cycles, you may end up with unneeded inventory. Simply throwing it away or dumping it in a landfill can cost you in more ways than one. If you're like most businesses, the decision to simply dump your inventory and not at least recoup some of your costs is a difficult decision to make. When you call McKernan, we will evaluate your surplus and make the best offer that we can.

McKernan Packaging Clearing House has been in business for 60 years. This gives us the expertise to be able to guide you through our simple process of converting your surplus, obsolete, and excess packaging into cash. We have a large, friendly staff of Surplus Specialists ready to help you through the process.

We deal primarily in unused and unbranded closures and containers like bottles, jars, tubes, caps, droppers, cans, pumps, tins, triggers, dip tubes, aerosol, fitments, sprayers, compacts, and applicators. However, we deal in a variety of other packaging and promotional items. We are always interested in hearing what you have to sell. So, don't be afraid to ask.

Major marketers like Procter & Gamble, Revlon & Heinz have found that McKernan Packaging Clearing House is the answer for erasing losses on overstocked or discontinued packaging components. Each year, we move hundreds of millions of surplus, obsolete or excess packaging units creating an efficiency of scale which allows us to pay top dollar for your surplus.

For more info: <https://www.webuypackaging.com/> or call: Call: 1-800-787-7587 or 775-356-6111

Label Technology Joins Fortis Solutions

Label Technology is now part of the Fortis Solutions Group family. The acquisition of Label Technology by Fortis will bring exciting potential to both businesses and build upon the 33-year foundation of Label Technology, according to the company.

The company will continue to operate from its location in Merced, CA. There are no plans to consolidate facilities, according to the companies.

Source: Happi.com (July 1, 2019)

Aivita to distribute rejuvenating line of skincare products in Japan

US-based Aivita Biomedical has received permission from the government regulatory agency to ship its physician-dispensed ROOT of SKIN MD skincare product line in Japan.

Root of Skin MD is a consumer skincare line for skin rejuvenation, which uses the same technology that was used by the company to develop cell therapies.

Supported by the all-new actives complex SourceCode Technology, the product contains a complete set of factors along with biological components that are found in healthy and young skin.

Aivita CEO Dr Hans Keirstead said: "Immediate and vast market traction is almost unheard of in the beauty sector. But the reasons for our successful launch in Japan are simple: the product works extremely well, and 100% of the proceeds are used to support the treatment of cancer."

Previously, Aivita got approval to import the Root of Skin line to Japan.

The agreement included the distribution of Aivita's Root Of Skin through online retailers in Japan and also 9300 clinics and salons. It also appeared on the Japanese home shopping channel QVC.

Furthermore, Aivita recently also partnered with multichannel marketing company Guthy-Renker to promote its products in the US and across the world in 2020.

Aivita is a biotechnology company that specialises in stem cell technology and works for the advancement of clinical-stage programs that utilise curative and regenerative medicines.

It also supports the treatment of women with ovarian cancer and all the proceeds from sales go to the cause.

Source: Cosmetic-technology.com (August 2, 2019)



Mother Dirt to become Harvey Nichols' First Microbiome brand

Mother Dirt has announced its launch into Harvey Nichols stores in the UK and Ireland in August. The Boston-based microbiome company will be the first probiotic skin care line to be stocked by the luxury department store.

The launch will coincide with a pop-up in the Knightsbridge store, which will run until October and showcase the brand's hero product, AO+ Mist, in a refrigerator. The brand is hoping to shift the definition of clean from sterile to healthy.

"We've seen some really exciting growth in the gut health market in recent years and consumers are witnessing the positive benefits of good bacteria through the use of probiotics. Mother Dirt is a brand born out of research and as a reaction to the rise of skin concerns that have increased with our modern hygiene standards," said Jasmina Aganovic, president of Mother Dirt. "We enable consumers to take control of their relationship with their skin by restoring good bacteria and maintaining a balanced microbiome.

"Research in the next five years will shine a spotlight on the benefits of treating specialised skin concerns with bacteria, and retailers will no longer be able to shy away from offering these solutions for consumers. This is the future of beauty and personal care. We firmly believe, in 10 years' time, every beauty counter will have a dedicated area for all of your skin's microbiome needs, likely shifting the retail format to include everything from refrigerators to on-counter skin screening. As challenging as it's been to be the first, and to require a different format like refrigeration, we're excited to pave the way, and couldn't be more pleased to be partnering with a forward-thinking retailer like Harvey Nichols to bring this new wave of innovation to the UK & Ireland."

Source: Global Cosmetic News (August 7, 2019)

Skin Care brand Drunken Elephant to be launched in China

Indie clean skin care brand Drunk Elephant has revealed that it is set to launch onto the Chinese market in September, according to a report published by WWD.

The brand, which is currently on the hunt for a buyer, hired a General Manager for the country in January of this year and will launch in Sephora in Hong Kong and on Tmall's cross-border site on the mainland.

Founder Tiffany Masterson will land in Hong Kong in September to host a two-day pop-up, similar to the events the brand has held in both London and New York. The entire range will launch simultaneously and the Chinese market is expected to account for 10 percent of global sales.

"We've been hearing from the Chinese consumer and we're so appreciative of their enthusiasm," Masterson told WWD. "You never know how your product will be received but the goal for me remains the same no matter where we go: to help people and hopefully make them fall in love with their skin."

Source: Global Cosmetic News (August 7, 2019)

Reckitt Benckiser partners with Founders Factory to invest in Start-Ups

Reckitt Benckiser has announced the launch of a Joint Venture with Founders Factory aimed at discovering and developing start-ups in hygiene and home categories.

Founders Factory Hygiene and Home will invest in a number of fast-growth start-ups sourced through Founders Factory's global network, as well as create new start-ups over the next five years, giving Reckitt Benckiser access to developing technologies, disruptive business models and entrepreneurial thinking.

"We are very excited to partner with RB to help the most ambitious entrepreneurs build and scale new startups within the hygiene and home sector," said Henry Lane Fox, Co-Founder and Executive Chairman, Founders Factory. "Our 70-strong team of digital operators together with the experts at RB, will provide unparalleled opportunities for entrepreneurs exploring new technologies that create cleaner and safer home environments.

"After 100 investments over the past three years across several sectors, we have a proven model to provide rapid growth opportunities for startups and encourage any founder keen to take their business to the next level, to get in touch." Rob De Groot, President, RB Hygiene Home, added, "RB is passionate about creating a cleaner world and offering consumers superior solutions to enhance their lives. Innovation and entrepreneurship are in our DNA and we're excited to work with disruptive start-ups and talented entrepreneurs who can bring disruptive thinking to our business and help us serve consumers in exciting new ways. We look forward to using our scale, sharing our expertise in homecare and hygiene and collaborating with this exceptional talent pool to bring the next generation of technology driven solutions to our consumers."

Source: Global Cosmetic News (August 7, 2019)

Evonik acquisition of Peroxychem delayed by FTC lawsuit

The US Federal Trade Commission is seeking to block Evonik's proposed US\$625 million acquisition of PeroxyChem in the belief that the deal will lead to price hikes, according to a report published by Reuters.

The German specialty chemicals manufacturer said in a press release that it intends to 'vigorously defend itself' against the action. The deal, which was struck at the close of 2018 between Evonik and One Equity Partners, was expected to close around now but will now be delayed until at least the end of the year.

"It is disappointing that the FTC has taken this step to block the acquisition in the highly competitive hydrogen peroxide industry," said Christian Kullmann, chairman of the executive board of Evonik. "PeroxyChem offers products in attractive and high-growth end markets that are complementary to Evonik's product portfolio. The transaction represents an opportunity for Evonik to expand further into specialty hydrogen peroxide and peracetic acid product, optimize its distribution network, achieve substantial efficiencies, and grow production and sales. We remain optimistic that we will prevail at trial and complete the acquisition."

"We continue to believe that the complementary fit of the two businesses will unlock new and attractive growth opportunities for our customers and employees," said Bruce Lerner, President and CEO of PeroxyChem.

The companies intend to show the court that the FTC's claims fail to recognize current market dynamics or the significant synergies and customer benefits that will arise as a result of the transaction.

Source: Global Cosmetic News (August 6, 2019)

Novozymes offers the first online tool to support reformulation challenges

Amid consumer demand for healthier and free-from food products and sugar taxes that challenge dairy companies to trim their formulations, enzyme producer Novozymes has developed a new online tool for the industry.

"Dairies are under increased pressure to find innovative ways of reducing the sugar in their products. Of course, that's a task easier said than done. That's why we created a new online calculator to estimate the potential to reduce added sugar in dairy products when using lactase," says Dr. Craig Sherwin, Technical Service Manager at Novozymes.

With diseases like obesity and type 2 diabetes on the rise, healthier eating is a topic on the minds of consumers and public health authorities the world over. People want reduced calories in their dairy products, but they're not eager to compromise on the tastes and texture. Novozymes offers Saphera®, an enzyme solution that boosts sweetness and allows dairies to use less sugar in their formulations, as well as production of a wide range of lactose-free products, including milk and fermented dairy products such as yogurt.

Less sugar - but still sweet

For dairy producers, taking sweetness into account is especially important when reformulating products. Lactose, for instance, is not particularly sweet on its own. But, when broken down with the lactase Saphera into glucose and galactose, the resulting sugars become almost 50% sweeter. That means dairies can achieve the sweetness that consumers love – with less added sugar or sweetener. "We know it can be a big step for dairies to change their formulations to use less sugar while keeping the same sweetness. But, with the right tools, it's possible to meet this consumer demand. Using lactase as a foundation to a toolkit approach for reduced added sugar can strike the right balance," says Dr. Craig Sherwin.

"The calculator is a model, a first step for developers at dairies to predict how much sugar could be reduced and accelerate their benchtop work." The calculator asks users to input the known lactose content of the ingredients used in a yogurt or flavored milk formula and the sucrose content of their benchmark formula with ideal sweetness. The tool then reveals how much less sucrose you could use if Saphera is used to boost the sweetness instead. It is free of charge and can be accessed in any web browser. Link here <https://dairylab.novozymes.com/calculator>
Source:Novozymes.com August 6, 2019

Diamond Wipes acquires Rescue Wipes

As of September 1, 2019, Mr. Lars Green will join Novozymes A/S as EVP and CFO, with responsibility for Finance, IT, Legal and Investor Relations. Lars has worked for Novo Nordisk A/S for 27 years where, most recently, he has headed up Business Services and Compliance, and – as EVP – been part of Novo Nordisk's Executive Management team. Before assuming his current position, he was head of Finance & Operations for Novo Nordisk in North America. He has been a member of Novozymes' Board of Directors since 2014 and chairman of the Audit Committee.

Jørgen Buhl Rasmussen, Chairman of the Board of Directors, and CEO PederHolk Nielsen, comment on the appointment: "We're very pleased to announce that Lars has accepted the role as EVP and CFO of Novozymes. We're convinced that Lars is a good match for Novozymes. His ability to set the CFO agenda and engage with the organization will help us deliver on our strategy 'Better business with biology.' As a member of the Board of Directors since 2014, Lars has gained a profound knowledge of Novozymes' business and meets the requirements for the broad array of tasks and responsibilities the CFO position encompasses. Lars brings extensive experience and a good cultural match to Novozymes from his current position as EVP Business Services and Compliance and a member of Executive Management of Novo Nordisk."

Lars Green comments on the appointment: "I'm very excited to join Novozymes and look forward to developing our strategic plans and delivering on the targets set out in relation to the strategy update together with the rest of the Executive Leadership Team and Novozymes' employees."

Following his appointment as EVP and CFO, Lars Green has resigned from the Board of Directors with immediate effect, including as chairman of the Audit Committee. The Board of Directors has elected Ms. AgneteRaaschou-Nielsen as the new chair of the Audit Committee with immediate effect.

The changes have no impact on the financial outlook for 2019.

Source:Novozymes.com (August 9, 2019)

SUSTAINABILITY

Driving sustainable development: BASF at Sustainability Week 2019 in South Africa

Sustainability issues are becoming increasingly prominent across Africa and in particular the issue of waste management. More and more countries in Africa are moving away from, and in some cases even banning, single-use plastics. The annual Sustainability Week Conference in Pretoria, South Africa, seeks to leverage sustainable development opportunities by bringing together thought leaders, industry experts, government authorities and civil society, who all converge on the conference to share ideas and best practices regarding the environment and how cooperation can be managed to ensure its sustainability for generations to come.

BASF played a leading role during this year's Sustainability Week, June 24–26, sharing knowledge and experiences as well as gain inspiration and find new partners for driving sustainable development projects in Africa. As a founding member of the Global Alliance to End Plastic Waste, BASF is committed to using its technological and research expertise to find the right solutions to reuse plastic waste.

This commitment was an integral part of the panel discussion by Michael Gotsche, Vice President Market Area Africa, BASF, who discussed the topic of "zero waste" on June 26. His presentation focused on BASF's most current projects on the African continent. Among them: Waste to Chemical Nigeria, a project which will leverage on a cost-effective pyrolysis technology in Nigeria to convert plastic waste into useable and safe oil feed.

Following the presentation, panelists formed breakaway groups "working together to answer the leading question "How do we develop a secondary resource market". The overwhelming takeaway was that the support of government and correct policy formulation that supports this circular economy is critical. Business, government and civil society must continue to work together to ensure a sustainable future.

Joining forces for a sustainable future

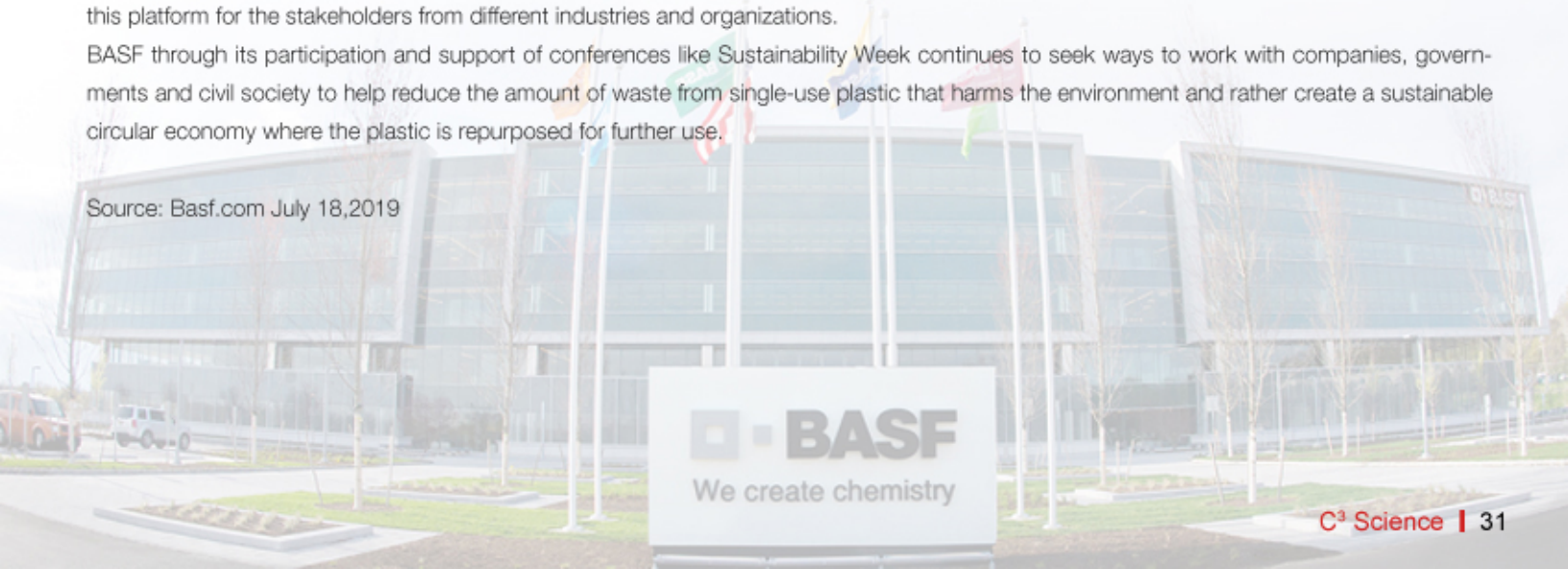
As one of the sponsors, BASF wants to create synergies from the meaningful discussions and exchanges at the Sustainability Week: "We are strongly involved in business development projects in Africa and we want to find more partners to advance our ideas," says Gotsche. He is convinced that changes towards a more sustainable future are only possible by closely working together: "When we address sustainability for African countries, we have to link the three aspects of economy, ecology and society to make projects viable and successful." The conference offers this platform for the stakeholders from different industries and organizations.

BASF through its participation and support of conferences like Sustainability Week continues to seek ways to work with companies, governments and civil society to help reduce the amount of waste from single-use plastic that harms the environment and rather create a sustainable circular economy where the plastic is repurposed for further use.



(f.l.t.r.) From BASF: Michael Gotsche, Vice President Market Area Africa; Linda Brown, Head of Communications and Transformation, Africa; Aaron Fenu, Sustainability Coordinator Market Area Africa and Niall Wilkins, Corporate Affairs Manager Southern Africa, at the BASF stand during Sustainability Week.

Source: Basf.com July 18, 2019



Environmental Packaging Summit | Eco message is Crystal clear

The first Environmental Packaging Summit took place on July 16 in London at the UK's most sustainable events venue, The Crystal. Over 250 attendees, including brands, retailers, pack technologists and designers, saw an engaging programme with experts covering key environmental issues related to packaging, from plastics to waste management, design, e-commerce and more.

Several companies displayed their environmentally-friendly packaging products and services in the reception area, including Coveris, Lil Packaging, RPC bpi protec, Carlton, Protega Global, Cullen, DuPont, Futamura Lightning Packaging and Sealed Air.

The morning's headline speaker, science and wildlife TV presenter Liz Bonnin outlined the challenge the industry faces. Bonnin spoke about scientists back in the 1970s flagging up plastic as a potential environmental hazard if we didn't do anything about it. She mentioned plastic waste spreading as far as the Arctic which, "Now has one of the highest concentrations of micro plastics in the world."

"For decades animals and humans have been [ingesting] plastics." "A garbage truck full of plastic enters our oceans every minute! That equates to eight million tonnes of plastic entering the seas every single year," she said.

Bonnin also spoke about working on one of her TV programmes and highlighting the problem of waste flowing from rivers in South East Asia. She stressed that the problem is global rather than regional. "If we think that it's South East Asia's problem we are sadly mistaken. In the UK alone, of the three million tonnes of packaging collected each year, only 9% is recycled. Over half is incinerated or sent to landfill to sit in the environment or end up in rivers. The rest is exported, and where to? Indonesia, Malaysia and Vietnam," she said, adding that these countries have insufficient infrastructure to deal with the waste.

Bonnin concluded: "We need multi-faceted solutions and all sectors to work together."

Action Pact

The event was a perfect platform for WRAP UK director Peter Maddox to discuss its collaborative initiative to create a circular economy for plastics, the UK Plastics Pact. Maddox spoke passionately about his determination to see the pact, whose members include brands, retailers, manufacturers, producers, recyclers and governments, succeed while acknowledging its critics.

"The UK Plastics Pact has come in for some criticism," said Maddox. "We hear it's not ambitious and the planet cannot wait for incremental change, it's an excuse for business as usual, it's a license to produce more virgin plastics than ever before, we can't see the progress on our supermarket shelves. We've been accused of being the mouthpiece for the plastics lobby and the pact held up as a fig leaf for the government to avoid proper legislation."

"External pressure and challenge could be really important to making sure we are maintaining the momentum, challenging and questioning ourselves and holding ourselves to account."

David Tonkin, project & portfolio manager, Muller UK, said it was "pleasing to hear feedback read out by Maddox saying citizens are fully behind a consistent collection scheme in the UK."

Tonkin pointed to an on screen image of a heavily littered A1 near Hatfield which he described as "embarrassing".

"As a society we have an environmental problem and clearly the politics of it is manifesting itself in action. Hopefully that will change not just businesses but maybe bring about societal change as well."

Highlighting political activity, Tonkin referenced many targets noting that the time span for the goals "seem to get shorter and shorter." Demonstrating that point, Tonkin mentioned Defra's 25 year environmental plan, The EU Plastics Strategy for 2030, The Plastics Pact Roadmap to 2025, tethered caps target of 2024, Defra consultations on EPR, DRS and household & business collections with a 2023 deadline of implementation and the Treasury's 2022 Plastic Tax aim and finally the UK Plastics Pact The Eight To Go by the end of 2020.



"As a brand and representing many brands here, we're talking about the circular economy. Not downsizing but true circularity."

Tonkin went on to say he hoped the money raised from the plastic tax, EPR and DRS would pay for household collections "I think that's how the budgeting cycle will end up working."

Chemical solutions

Mark Dawes from DuPont Teijin Films UK outlined DuPont's history, expertise and innovation in sustainability and advancements in recycling: "In 2007 we were the world's first company to put mechanically recycled post-consumer reclaim into polyester films"

"We do need to understand what we're talking about when we talk about recycling plastics. The product has to be collected. We're lucky in PET because everyone likes to collect PET bottles. It's the most widely recycled polymer. But it's got to have a market value. If you have a process that has absolutely no value, what comes out the end of it, it's not gonna fly."

"We have to accept that within that stream there's going to be good, bad and ugly. We can't recycle everything forever."

On the advantages of chemical recycling Dawes said: "The most important aspect is that it becomes a raw material for the next article. I know a lot of people believe it should be bottle to bottle, tray to tray, film to film but if you're doing chemical recycling you create a feedstock. You can then change the properties depending upon what article to wish to make."

Chemical recycling was the theme of an earlier talk by Ravish Jain from Recycling Technologies. He spoke about the rise in demand for plastic over the years, chemical recycling and the fact that with mechanical recycling the material produced is not of the same quality as the virgin material and therefore used for non-packaging applications such as wood replacement.

Jain also referred to a hitherto major obstacle being, "The big petrochemical companies who are producing the plastics in the first place are not able to participate in the plastics recycling value chain."

Jain explained that one way of tackling that is feedstock recycling, converting waste back into an oil or oil derivative which can be made into virgin grade plastic.

Kestutis Sadauskas, director of circular economy and green growth, European Commission, spoke about the Circular Economy Action Plan, explaining that, "waste management wasn't working so we had to fix the laws that apply in Europe."

"The most notable are the legislations where we have set new targets for recycling, reducing landfilling."

"This is only the start. That's why we are planning to develop a new action plan for the circular economy. I'm very happy that today Ursula von der Leyen, the candidate to become European Commission President, mentioned in her written deposition to that parliament that it was is her plans."

Defra's Julie Crichton referred to its six consultations, three of which are now closed. Crichton said: "The first six months of 2019 have been very busy for Defra and it's looking that way for the rest of the year."

"Remaining Defra consultations planned are transposing the circular economy package into UK regulations. We are also consulting on food waste reporting in the second half of the year and we are issuing a call for evidence on standards for bio-based and biodegradable plastics."



Protecting vs polluting

While clearly acknowledging the industry's responsibility to tackle the environmental problem, Klöckner Pentaplast's global sustainability director, Lubna Edwards, also spoke about the emergence of plastic in the 1900's and the material's value. "We know plastics are protective, hygienic etc. but the stark reality is that what everyone is seeing is plastic as polluting." Referring to the material's durability, she said, "Plastic has almost become a victim of its own success. "

Sustainability will no doubt feature with increasing prominence in packaging design briefs. Jenny Cairns, innovation & sustainability manager, Butterfly Cannon provided an aptly visual presentation and spoke about sustainable design developments in packaging, particularly the luxury sector. This included refill systems and techniques such as cast and cure, which will be utilised more frequently in the near future. "A luxury brand is remembered for its whole story and what it does as an ethos. It should all be harmonious," she concluded.

Tracy Sutton – packaging design consultant, Root Innovation continued the design theme saying, "We know that 80% of a product's impact is defined at the design stage which is why it's great that we are talking about design today. European circular economy strategy recognises that design plays a pivotal role in reducing the impact of products and packaging on the environment. The problem is that not enough of the policies and strategies are translating into action."

Asking for a show of hands from the audience, Sutton asked who knows where the packaging they design, make or use really ends up, which had a comparatively small hand count compared to the follow up question "who would like to know?" receiving a far bigger response much to Sutton's delight.

Gareth Lloyd, marketing manager, RPC bpi protec, shared some consumer insights. "Circularity and sustainability has always been very close to our hearts and we've been developing films to fulfill those criteria for years," he said.

He spoke about films containing recycled content and the steps the company is taking towards 100% recycled. "We are the largest recycler of polythene in Europe, recycling some 135,000 tonnes," adding, "It's all well and good having these products but how much is understood by the consumer?"

Lloyd revealed that RPC bpi protec asked 1000 people questions about film recycling, revealing that around half were aware that films could be recycled.

Panel discussions

The first panel discussion in the morning saw PN editor Philip Chadwick asking questions about the best way forward for those working with plastic. Muller's David Tonkin said: "On milk bottles we saved 10,00 tonnes over the last couple of years. On our yogurts and desserts we saved 23,000 tonnes over the last 13 years with a 25% weight reduction. Weight reduction is just one thing, there are many other things that we need to be doing."

Lubna Edwards from Klöckner Pentaplast also mentioned her company's work in this area which began long before the media attack on plastic waste.

"I am proud to work for an organisation that's been working on this for a long time," she said. For example we have a thermoformed tray that's made from 100% recycled PET and is fully recyclable. That's not something we innovated 18 months ago, we've had ten years of innovation around that."

Coveris is one of the manufacturers to sign up to the UK Plastics Pact, and has outlined its plans to target recyclability, packaging and food waste reduction as part of a new sustainability strategy called Pack Positive. The company's sustainability manager Rick Smith said: "I think it's fair to say we've had some procrastination over the last 12 months but with the consumer awareness now, we're starting to drive for more developed projects with retail supply chains. I've been in the industry for 35 years and we can see it changing now."



Asked about unintended consequences of plastic reduction/replacement, such as food waste potentially increasing, Liz Bonnin replied: "I am still continuing to learn which is why it's good to be here. I would question whether food waste is to do with behavior more than packaging." WRAP's Peter Maddox said, "We need to be focused on the end of life aspect of packaging. Innovators in this room need to be focused on that."

Edwards stressed the importance of participation and responsibility right across the board. "We are innovating 'til kingdom come but if we produce packaging that's recyclable, made from 100% recycled content, we are at the mercy of the consumer to do the right thing... and waste management, and the local authorities and the recyclers and the food processors, and the retailers, back to the consumer, so we can achieve a true closed loop."

Compostable, biodegradable

Foodservice Packaging Association executive director Martin Kersh chaired the discussion on biodegradable, compostable and bio-based solutions. "This issue has had an awful lot of publicity," he said. "We've had a lot of conflicting information, contradiction and emotion, it brings into play so many things such waste management and the ethical and economic issues which surround it."

Seeking to clarify the issue to some degree was Andy Sweetman, UK Bio-based and Biodegradable Association (BBIA) chairman and marketing manager at compostable and renewable flexible packaging films firm Futamura.

Futamura. "We try to get away from using the word [biodegradable] as there are no standards specifically mandating around biodegradation," he said. "The key word we want to use as much as possible is compostable. There are key global standards for compostability that every global manufacturer should adhere to."

However, there's clearly some way to go before it is an infrastructural success as Gary Tee, sales director at compostable packaging specialist TIPA explained.

"We do need an infrastructure in place to connect the consumer with the composting facilities that already in place."

But as Georgia Budden, recycling advisor at Vegware, pointed out: "When the aeroplane was invented there wasn't an airport infrastructure to facilitate that." While Richard Lambert, commercial; Renewable Chemicals Europe, Braskem added that, "getting it across to the consumers is difficult. 'What do I do with it?' 'Where do I send it?'"

Kersh asked the panellists where they think the sector will be in 5 years.

Tee commented: "Compostable packaging does fix some of the difficult materials to recycle like complex laminates, highly contaminated food contact materials as well. So I expect the sector to grow significantly in that area.

Budden said: "We need to work together to get this infrastructure in place. Compostables will grow."

An audience show of hands revealed that around a third believed compostables will gain a greater share of the market in five years.

The e-commerce packaging panel will have no doubt expected to be asked about over-packaging, product protection versus light-weighting etc. and PN editor Philip Chadwick duly obliged.

Marlena Hardy, European e-commerce manager, DS Smith admitted she would respond exactly like the consumers who appear on newspaper websites and social media who draw attention to excessive packaging on e-commerce purchases.



"With traditional bricks and mortar retailers consumers have that first interaction at point of sale, on the shelf. With e-commerce, once the package arrives at your home that's the first touchpoint. A fifth of e-shoppers in the UK say they make shopping decisions based on companies' environmental credentials. If I received something over-packed I would definitely post it on Instagram and Twitter!"

Matt Simmons, business development manager, said, "You need to make a commitment that your brand identity is going to continue all the way through. It's all or nothing."

The discussion took an unexpectedly provocative turn when Lil Packaging owner Fred Lill took off his fluorescent green jacket to reveal a French Connection 'fcuk plastic' T-shirt.

"In my company's belief, plastics should not even be considered in e-commerce," he boldly opined. Later in the discussion Lill said that much e-commerce packaging contains plastic film which "cannot be recycled" His point was strongly contested by several audience members.

Communication is key as far as Alan Magee, client services director, Carlton Packaging, is concerned. He said: "Does the consumer know how to dispose of the materials? The key thing is can you communicate that to consumer at that point, maybe a little card with the pack explaining it."

The need to communicate was also stressed on the sustainable design to end-of-life management panel. "Essentially the big brands don't go to the agencies for that kind of support but I think that's changing a little bit," said Tracy Sutton. "They have their own technical or sustainability teams. Where I think the agencies role is really important is when you have a small to medium brand which doesn't necessarily recognise the depth of detail and knowledge that collaboratively the team needs to have. So whether that's the agency with waste management, who are generally left out of the equation, making sure all the key stakeholders get together."

Sarah Ottaway, municipal recycling manager, SUEZ Recycling and Recovery UK, said: "The right questions have to be asked at design stage. That's fundamental. There are a lot of things being said, like compostables is a great example, where this wonder product has turned up. A great idea but we don't have the systems to properly manage them."

Representing Ball Corporation, Marcel Arsand was keen to talk up the recyclability of aluminium but, more generally, he said: "There are plenty of design guidelines from the likes of Recoup, WRAP, INCPEN, but we still see [packs that don't comply] on the market. Let's remove that packs that cannot be recycled out of the market." Jenny Cairns believes designers need to receive more information upfront. "I think transparency would be amazing. Some won't give you the full picture until you ask the questions."

Richard Ali, sustainability director – foodservice, Huhtamaki, pointed out collaboration such as the work of the Paper Cup Recovery and Recycling Group (PCRRG) has helped stimulate the discussion but dispelled the myth of plastic-free coatings: "There are no plastic-free coatings on the market today at all, they all contain polymers."

Will Lorenzi, president, Smart Planet Technologies, highlighted that new technology such as Smart Planet's Earth-coating reduces plastic in paper cups by 40% while still performing and is "engineered to be processes-able through the recycling system in the channel of uncoated papers."

The final panel session of the day, focused on consumer awareness and education, saw Lord Deben, former MP for Suffolk Coastal who now runs international sustainability consultancy Sancroft, inviting the audience to ask questions to "shake these people up."

Source: packagingnews.co.uk (August 7, 2019)

REGULATORY UPDATES

Post-Meeting News from CIR Panel

At the 151st meeting of the Cosmetic Ingredient Review Expert Panel, held June 6-7, 2019 in Washington DC, final safety assessments and other news were unveiled. The next Expert Panel meeting is Sept. 16-17, 2019.

Here are the results from the June session:

Final Safety Assessments

- Alkoxylated Fatty Amides – 40 ingredients – Safe with qualifications
- Basic Red 76 – 1 ingredient – Safe as a hair dye
- AlkanoylLactyl Lactates – 10 ingredients – Safe with qualifications
- PolyaminopropylBiguanide – 1 ingredient – Safe with qualifications, except insufficient for potentially inhaled products

Tentative Safety Assessments

- Parabens – 21 ingredients – Split conclusion (20 safe with qualifications; 1 insufficient)
- Silica & Synthetic Silicates – Split conclusion (2 safe with qualifications; 22 insufficient)

Insufficient Data Announcements

- GlycerinEthoxylates – 8 ingredients
- MCI/MI – 2 ingredients (only when used together)
- Caprylhydroxamic Acid – 1 ingredient
- Soy-Derived Ingredients – 28 ingredients
- Vanilla-Derived Ingredients – 9 ingredients
- Capryloyl Salicylic Acid – 1 ingredient

Re-Reviews

- BHT – do not re-open
- Imidazolidinyl Urea – do not re-open
- EDTA – do not re-open
- Acetyl Triethyl Citrates – do not re-open

More info: www.cir-safety.org

Source:Happy.com (August 2, 2019)

GC3's Retail Council Releases Statement on Chemicals

The Retail Leadership Council (RLC) of the Green Chemistry and Commerce Council (GC3) issued a statement crafted by major retailers calling on chemical companies and suppliers to develop safer alternatives for flame retardants, plasticizers, water and stain repellents, and other chemicals in products sold at retail. It identifies the need to develop safer alternatives to dangerous chemicals in food packaging, electronics, personal care products, building materials, and other product categories.

According to RLC, it has now collectively identified a set of chemical and application priorities for innovation in safer alternatives. It also identifies best practices for ingredient disclosure and transparency.

The Retail Leadership Council is made up of 10 major retailers, including Amazon, Best Buy, CVS Health, The Home Depot, Kingfisher PLC, Lowe's, Meijer, Staples, Target, and Walmart.

In response, Safer Chemicals Healthy Families' Mind the Store Campaign director Mike Schade issued the following statement:

"We commend these retailers for identifying product categories and chemical functions that are priorities for innovative actions. The retailers' voices add to growing momentum to phase out classes of toxic chemicals, such as PFAS, flame retardants, and phthalates. Brands and chemical manufacturers across global supply chains should pay close attention to this new list and then develop and transition to safer alternatives. These chemicals are contaminating our bodies and homes and may cause serious health problems.

"This new statement must be backed up by concrete measurable actions by retailers. For many of these chemicals and product categories, safer cost-effective alternatives are already available in the marketplace. Retailers should set clear public goals with aggressive timelines to reduce, eliminate and replace these dangerous chemicals with safer alternatives."

More info: <https://greenchemistryandcommerce.org/projects/retail>

Source: Happi.com (August 2, 2019)

HCPA Annual Meeting Amps Up Innovation

Every year, the Household and Commercial Products Association (HCPA) Annual Meeting brings together its member companies' executive leadership for three days of learning, networking and fun. The event is a chance to see the entire supply chain in one place, build partnerships, solve challenges and go back to your organization with a renewed sense of energy and appreciation for the industry.

This year, HCPA's Annual Meeting, XPAND2019, has been redesigned around a central idea: innovation, according to the association.

XPAND will advance new ideas by bringing together diverse viewpoints in a retreat-like setting. Participants will be exposed to thought leaders from inside and outside the industry, dive into the issues impacting brands and leave feeling inspired.

Programming will fall into three areas in which the industry must innovate in order to thrive: Operational Excellence, Consumer Communication and Responsible Consumption.

Every division and committee will host expert-led sessions on issues impacting consumer products, including ingredient communication, retailer expectations, product safety, refuting misinformation, supply chain, market trends, packaging and technical issues.

HCPA is hosting the XPAND2019 Annual Meeting at the Marriott Harbor Beach Resort & Spa in Fort Lauderdale, Florida, Dec. 8-11. HCPA members can reserve their rooms at a special discounted rate.

More info: www.thehcpa.org

FDA Warns CBD Lotion Seller

The U.S. Food and Drug Administration (FDA) issued a warning letter on July 22, 2019 to Curaleaf, Inc., Wakefield, MA, for selling products as unapproved new drugs, including a CBD lotion and CBD pain-relief patch, in addition to CBD tinctures, vape pens and pet treatments containing cannabidiol (CBD). FDA said it reviewed the company's website as well as the firm's social media websites (like Facebook).

FDA said it determined that the company's CBD lotion, CBD pain-relief patch, CBD tincture, and CBD Disposable vape pen products are unapproved new drugs sold in violation of sections 505(a) and 301(d) of the Federal Food, Drug, and Cosmetic Act (the FD&C Act), 21 U.S.C. 355(a) and 331(d). Furthermore, these products are misbranded drugs under section 502(f)(1) of the FD&C Act, 21 U.S.C. 352(f)(1), noted FDA.



Examples of claims observed on Curaleaf's website and social media accounts related to relief of pain and anxiety, according to FDA. The FDA stated that the CBD lotion, pain-relief patch, tincture, disposable vape pen products are also misbranded within the meaning of section 502(f)(1) of the FD&C Act, 21 U.S.C. 352(f)(1), in that their labeling fails to bear adequate directions for use

FDA also said that the company's CBD lotion product's labeling stated that it is intended to be applied directly to the skin; the CBD pain-relief patch product's labeling states that it is intended to be applied to the body for transdermal use. The FD&C Act defines the term "dietary supplement" in section 201(ff)(2)(A)(i) as a product that is "intended for ingestion." Because these products are not intended for ingestion, this is an additional reason those products do not meet the definition of a dietary supplement under the FD&C Act.

Source: Happi.com (August 5, 2019)

PATENT NEWS

Reckitt Benckiesr Patents Automatic Dish Detergent

US Patent No. 10,301,577 B2 (Nicole Graf, Karlheinz Ulrich Gerhard Hahn); Reckitt BenckiserFinish B.V. has patented an automatic dishwashing composition that is comprised of a polyethyleneimine and/or salts thereof and at least one amphoteric polymer (water-soluble or water-dispersible copolymer including, in the form of polymerized units, at least one monomer having an amine functional group and at least one hydrophilic acidic monomer). The composition, an alkaline, phosphate-free automatic dishwashing detergent composition, has pH from 8 to 12. The method results in good rinse performance.

Source: Happi.com (August 2, 2019)

Mary Kay Patents Treatment For Inflamed Skin

US Patent No. 10,300,009 B2 (Michelle Hines, GeethaKalahasti, Tiffany Florence, David Gan) Mary Kay Inc. has patented a method of treating inflamed skin by reducing tumor necrosis factor alpha (TNF- α) or vascular endothelial growth factor (VEGF) production in skin cells. The method entails topically applying to inflamed skin, a composition comprising 0.01wt.% to 0.5wt.% of an aqueous extract of *Opuntiaficus-indica* tuna, *Opuntiaficus-indicanopales*, or a combination thereof to reduce TNF- α or VEGF production in skin cells to treat the inflamed skin, wherein the composition further comprises at least 50wt.% water.

Source: Happi.com (August 2, 2019)

Ecolab USA Inc. patents a solid alkaline detergent composition comprising combination of Silicate-Amino Carboxylate

US Patent No. 10,344,248 B2 (Lisa Maureen Sanders, Andrew M. Jensen, Kristopher Hodgson); Ecolab USA Inc. has patented a solid alkaline detergent composition comprised of a surfactant that is comprised of ethylene oxide/propylene oxide copolymer; silicate; amino carboxylate, wherein the combination of the silicate and amino carboxylate results in a metal protecting function; and an additional alkalinity source. The detergent is a pressed extruded solid, and/or a cast solid that is free of an enzyme and a bleaching agent.

Source: Happi.com (August 2, 2019)

P&G Patents Auto Dish Detergent, Fabric Enhancer

US Patent No. 10,301,578 B2 (Nathalie Sophie Letzelter, Rachel Elizabeth Martin); Procter & Gamble has patented a method of cleaning soiled dishes in a dishwasher. It entails subjecting the load to a wash liquor comprising at least 900ppm of an aminocarboxylated complexing agent. The liquor, which is free of phosphate, dispersant polymer, sulfonated polymer and carboxylated polymers, is comprised of a crystal growth inhibitor, wherein the complexing agent is selected from the group consisting of methyl glycine diacetic acid and its salts. The liquor has a hardness greater than 140mg hardness ions/L.

P&G has also been awarded US Patent No. 10,301,574 B2 (Marc Johan Declercq, Hans-JurgenKohle, Pieter Jan Maria Saveyn) for a fabric enhancer comprising from a fabric softening active of formula that contains either hydrogen, a short chain C1-C6 alkyl, C1-C3 hydroxyalkyl group, a poly(C2-3 alkoxy), or benzyl; a hydrocarbyl group or substituted hydrocarbyl group comprising about 11 to about 21 carbon atoms; and a fabric enhancer compatible anion. The composition has no more than approximately 50% by weight of diester quaternary ammonium compound.

Source: Happi.com (August 2, 2019)

Carma Labs Patents Hydrating Lip Balm

US Patent No. 10,342,756 B2 (Keith Edgett, Louis DeFranco); Carma Laboratories, Inc. has patented a lip and skin tissue balm composition that is comprised of a first low-melt wax; a second low-melt wax that is different from the first low-melt wax; a high-melt wax; one or more oil phases; and optionally, a flavoring agent. The high melt wax has a melting temperature of greater than about 50°C. The composition is a solid until contacted with a tissue and energy is applied to transform the contacted composition into a melt form.

Source: Happi.com (August 2, 2019)

Shiseido Patents Water-Based Cosmetic

US Patent No. 10,300,008 B2 (Yuko Nagare) Shiseido Company Ltd. has patented a water-based cosmetic that contains a polyether-modified silicone having an HLB(Si) of five to 14; one or more hydrophilic thickeners; a polyol and/or ethyl alcohol; and one or more hydrophobic powders selected from among metal oxides hydrophobically treated without using a metal soap, hydrophobic organic powders and silicone powders. The hydrophobic powder is dispersed in the water phase. The molecular weight of the polyether-modified silicone is in the range 3,000 to 60,000.

Source: Happi.com (July 1, 2019)



PACKAGING NEWS

APC Packaging Launches New Website

APC Packaging has launched its newly redesigned website at www.apcpackaging.com. The new website, which was created to offer a user-friendly experience, features a streamlined and modern design with improved navigation and functionality, and includes many new and updated features to help users to quickly and easily find products they need.

"We are extremely excited about the launch of our new site, we hope visitors will be able to find information on APC Packaging's products with ease," said Bryce Peacher, marketing manager for APC Packaging. "We believe that this new site will allow our clients and partners to have an improved experience and be better positioned to find the best solutions to their packaging problems."

"As we strive to improve every aspect of our presence, both online and offline, flagship projects such as this not only give us a huge amount of pride, but also demonstrate our commitment to excellence to our customers, partners and friends," added Peacher.

APC Packaging's new website will be updated on a regular basis. Visitors are encouraged to explore the website and sign up for direct emails from the company at www.apcpackaging.com/contact.

Source: Happi.com (August 9, 2019)

Packaging Innovations London 2019 | New show features unveiled

Packaging Innovations and Luxury Packaging London 2019 will introduce three new show features when it returns to Olympia on 11 & 12 September.

Organisers are launching an education initiative, a one-of-a-kind trend showcase and a zone designed to raise the profile of packaging firms in their infancy. These new features will run alongside a series of returning show favourites to deliver valuable guidance to visitors from every part of the packaging supply chain.

The one-of-a-kind Education Hub was created to encourage young people to pursue a career in packaging. The new area will see industry experts from Print iT, Brief Cases, BPIF, Women in Print UK, Shine and Earth Island deliver workshops across both days of the show, offering insights and advice to attendees at the start of their careers.

In addition, the Education Hub will include a display of innovations from within the print, packaging, paper and design sectors, presented by leading print companies Foilco, Fedrigoni and Danby Press. This showcase will demonstrate the opportunities the industry has to offer the young professionals in attendance. The zone has also been designed to encourage existing packaging companies to offer the next generation of young talent work placement and apprenticeship opportunities by displaying their capabilities through an exhibit of university-level work.

ThePackHub Trend Zone will make its debut at the show, highlighting 10 of the latest, most influential trends in packaging. The zone will give a global perspective on the latest thinking and will cover topics such as reducing waste, carbon concern and intelligent engagement. Examples highlighting each trend will be on display to give visitors a tangible experience of the latest packaging thinking.

Also launching for the first time will be the Accelerator Zone. Six up-and-coming companies, specially selected as the 'ones to watch' within the packaging industry, will showcase their innovative products and services, providing visitors with the exclusive chance to experience the most cutting-edge ideas first-hand.

After proving popular with visitors when it launched at Packaging Innovations in February, the What's New Wall will join the London show for 2019. Created to showcase the latest product launches taking place, the feature will also act as a guide for visitors looking to discover the latest packaging concepts at the show.

The Innovation Showcase will return by popular demand to highlight the most cutting-edge solutions from within the packaging industry. Shortlisted exhibitors will display their latest innovations and technologies, with attendees being given the opportunity to vote for their favourite. The winner will be announced on day two of the show.

Hosted by the Packaging Society, the Packaging Consultancy Clinic is back, providing professionals with the unique opportunity to gain one-to-one personalised advice from industry experts on any aspect of their packaging. The 20-minute drop-in sessions are open to all attendees.

Paul MacDonald, global brand director of Easyfairs' Packaging Portfolio, said: "Innovation is truly at the heart of Packaging Innovations and Luxury Packaging London, which is demonstrated both on and off the show floor. Our show features are designed to bring the latest industry thinking and thought leadership to life for both established professionals and the next generation of packaging pioneers. There is something for everyone at the show this year and I can't wait for the doors to open to experience it all first-hand."

For any further information, visit the Packaging Innovations and Luxury Packaging London websites or contact the show team on +44 (0)20 8843 8800 or PackagingUK@easyfairs.com.

Life-cycle study shows paper cups have low carbon footprint

Huhtamaki has participated in the life-cycle analysis study that surveyed the full carbon footprint of different types of cups used for coffee, with dishwashing energy adding to carbon footprint.

This life-cycle analysis (LCA) on paper cups was carried out in 2018-2019 by VTT Technical Research Centre of Finland Ltd. It was commissioned by Huhtamaki and the Finnish paperboard manufacturer Stora Enso.

Richard Ali, sustainability director for Huhtamaki Foodservice Europe-Asia-Oceania, said: "In many everyday uses, paper cups have the lowest carbon footprint, and they offer better food safety – they are always hygienic. Overall, the carbon footprint of a paper cup is small compared to the food itself. For example, for a take-away latte, paper cup accounts only for 4% of the climate impact. The remaining 96 % is coffee and milk production and the energy of making the drink."

The study focused on two main scenarios: paper cups used either in a café or taken as a coffee-to-go.

In the café scenario paper cups were compared to ceramic cups, and in the coffee-to-go scenario paper cups were compared to cups made of reusable plastic and steel. If the paper cup is recycled, or if 80% of the material will be recycled after use, paper cups are always the better option from a climate change point of view. In addition, the efficiency or inefficiency of washing a ceramic cup is not only a matter of climate impact but an overall food safety and hygiene concern.

In the coffee-to-go scenario, the paper cups were studied with a plastic lid which secures the drink and prevents accidents. The study shows that a reusable plastic cup should be used at least 20 times to have a smaller climate impact than a paper cup – after taking cleaning into consideration.

If the paper cup is recycled after use and/or it is made with a plant polyethylene (PE) coating, the breakeven point increases to 32-36 times.

The end-of-life solution has a major impact on the CO₂ emissions of paper cups. When the PE coated cups are 100% recycled the carbon footprint of cups can be reduced by 54%.

In Europe, the average recycling rate is 36%. The good quality fibre in paper cups can be recycled up to seven times.

Huhtamaki recently introduced a 100% renewable, plant polyethylene coated FutureSmart paper cup.

"We have brought to market the new FutureSmart paper cup, which is made from fully plant-based materials," said Ali. "The paperboard is sourced from PEFC certified, sustainably managed forests, and the inside lining of the cup is made of plant-based PE. The paper cup is 100% renewable. According to the study, this type of a plant PE coated paper cup is the best performing paper cup option in terms of climate change impact."

Source:packagingnews.co.uk (August 6, 2019)

Magnum launches industry-first tubs made from recycled plastic

Up to 600,000 tubs are now available across Europe, with millions more to roll out globally.

The move is part of Unilever's wider global commitment to ensure that at least 25% of its plastic packaging will come from post-consumer recycled content by 2025.

Julien Barraux, vice president Magnum, said: "We are proud to be one of the world's first food brands to pioneer this ground-breaking technology."

The tubs are available in Belgium, Spain and The Netherlands, with over three million more due to be launched globally in 2020.

Source:packagingnews.co.uk (August 6, 2019)

Multilayer packaging: innovative and sustainable

Multilayer packaging is sustainable: it does not require much material and can now also be produced from chemically recycled material.

"Today's high-tech film packaging solutions consist of multiple materials and layers with different properties, such as an oxygen barrier. And thanks to the optimized use of materials, we were able to reduce the packaging volume to a minimum," said Johannes Remmele, Managing Director of Südpack.

Multilayer packaging consists of up to 11 individual, ultra-thin layers, making it considerably lighter and thinner than comparable packaging. In addition to reducing the amount of raw materials used, this also contributes to considerably lowering CO2 emissions during transport. All in all, multilayer packaging is clearly more resource efficient than its alternatives.

However, multilayer packaging could only be recycled to a limited extent, because mechanical recycling processes are not suitable for composite materials. "Within the ChemCycling project, BASF is working on advancing the chemical recycling of plastic waste, because this will make it possible to process and reuse previously non-recyclable plastics such as mixed plastics. In collaboration with our partners, we have now for the first time produced a prototype packaging made of chemically recycled polyamide and polyethylene. This goes to show that the recycling of multilayer packaging could soon come full circle," explained Christoph Gahn, who is responsible for the polyamide business at BASF.

This pilot project was made possible thanks to the collaboration between the four partners BASF, Borealis, Südpack and Zott. BASF supplies chemically recycled polyamide, while Borealis provides sustainably produced polyethylene. Südpack, one of Europe's leading producers of film packaging for food products, uses these materials to produce multilayer film for a specially sealed Mozzarella packaging for Zott Gourmet Dairy.

Zott enjoys numerous benefits thanks to this multilayer film. "In our dairy, we continuously review the entire value chain to determine where we can be even more sustainable and how we can sensibly extend our sustainability standards. Now more than ever, customers expect that the packaging of their high-quality and sustainably produced food is as resource-efficient as possible. This is why it was important to us to be part of this pilot project right from the start in order to share our experience as well as our high-level requirements on packaging and its barrier functions, and to contribute to the development of a solution with identical functionality and increased environmental performance. We are very optimistic and hope that this project will make it to series production," explained Andreas Strunk, Head of Production, Technology & Supply Chain Management at Zott.

"What is special about this pilot project is that both components of the packaging – polyamide and polyethylene – are made from chemically recycled material," emphasized Maurits van Tol, Borealis Senior Vice President Innovation, Technology & Circular Economy Solutions. "This innovative solution came about thanks to the selection of special polymers. In addition, the collaboration between the companies involved made it possible for the first time to consistently certify each step up from the raw material to the finished packaging."

The raw materials for polyamide and polyethylene were produced in very small quantities as part of the "ChemCycling" project. The pyrolysis oil derived from plastic waste was supplied by a partner and fed into BASF's Verbund production site in Ludwigshafen as feedstock. According to the certified mass balance method, both plastics have an allocated 100% share of recycled materials.

Source: Basf.com (July 9, 2019)

ASSOCIATION NEWS

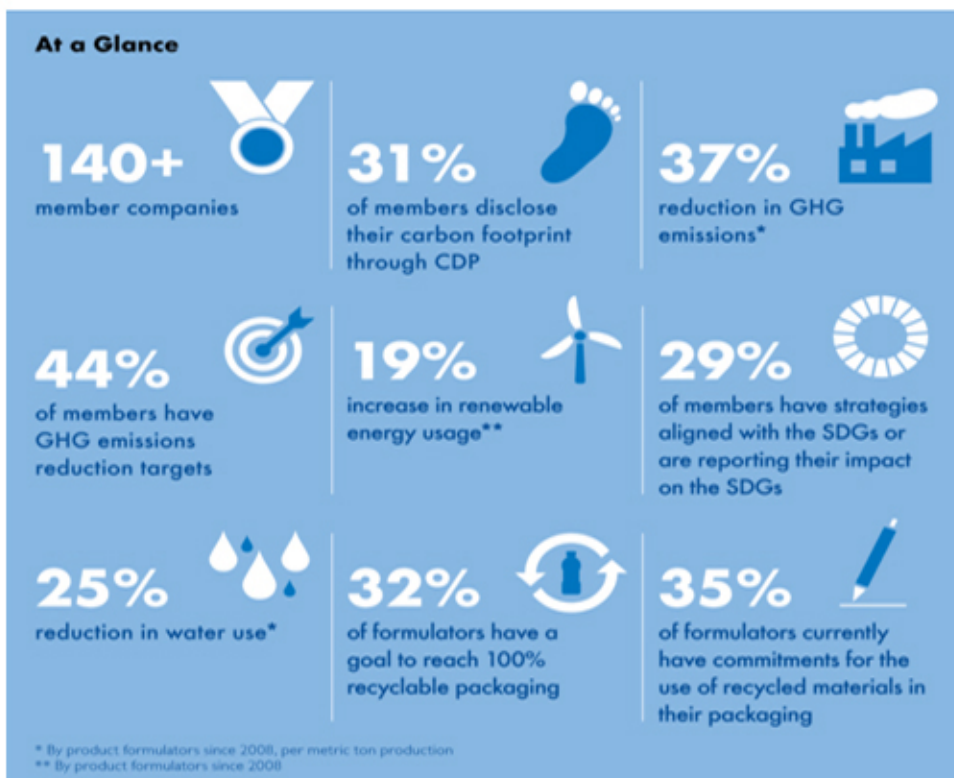
American Cleaning Institute Announces New Goals in 2019 Sustainability Report

It is with great pleasure that ACI presents its 2019 Sustainability Report, The Future is Clean, which you can now find on its website <https://www.cleaninginstitute.org/>. The summary news release is given below.

Our fifth Sustainability Report on behalf of the cleaning product supply chain details ACI's™ new strategy for collective action: Uniting for a Cleaner World. This platform combines ACI™ core strength of collaboration with a commitment to doing our part as an industry to address the sustainability challenges facing our globe.

For us, this new strategy is a transformation. We are taking our program beyond sharing of knowledge and best practices by aligning around a shared vision. Going forward, we intend to participate actively to achieve our goals and bring the industry together to lead a movement toward a clean and sustainable world.

OUR SUSTAINABILITY GOALS



Within the report you will also find highlights on how a number of our members are already starting to take action on achieving these new goals by:

- Helping consumers choose products that are best for them by sharing more information about their products and practices through digital means.
- Setting operational greenhouse gas emissions reduction targets that support the ambition of the Paris Agreement.
- Joining global alliances to clean up our world and limit plastic waste.
- Utilizing new circular approaches to packaging and simplifying the consumer experience.

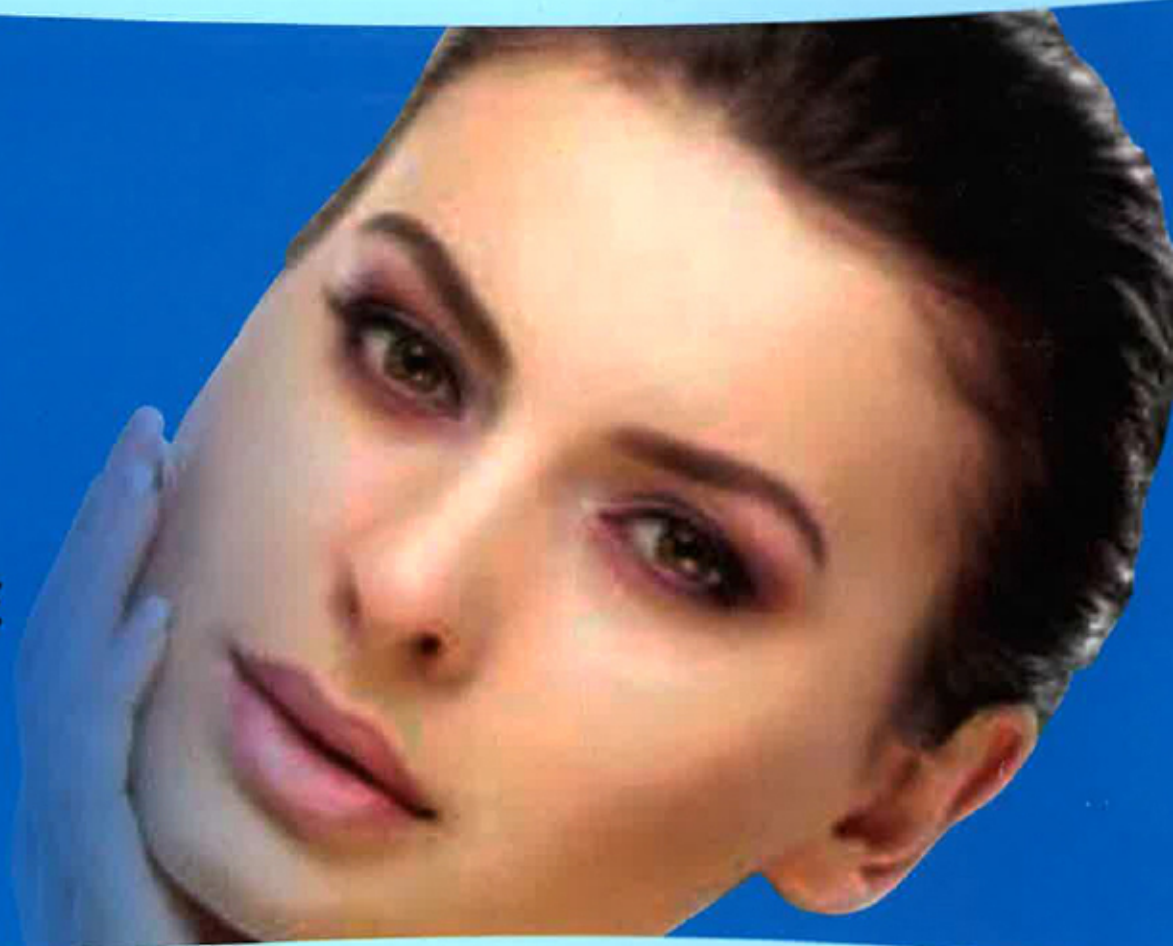
We are looking for partners and collaboration that can help us reach these ambitions. Please reach out if you have feedback or if you see an opportunity for us to work together.



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

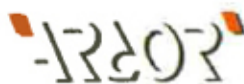
Kumar Organic Products Limited



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)

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STRUCTURE (IN INR)

(A)	Founder Member	5,00,000			
(B)	Life Member (By Invitation)	Large Industry	Medium Industry	Small Industry	Micro Industry
	Member (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
(C)	Annual Member	Large Industry	Medium Industry	Small Industry	Micro Industry
	Annual Member (manufacturing)	50,000	30,000	15,000	10,000
	Annual Member (service provider)	40,000	20,000	10,000	7,000
(D)	Affiliate Industry Association Member (by invitation)	Nil			
(E)	Honorary Member (by invitation)	Nil			

Administrative Fees as on 01-04-2018

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

Note:

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

**Registered Office**

401, Onyx, 4th floor, 375 S. V. Road, Goregaon, (W) Mumbai - 400104, INDIA.
Phone : +91 22 2877 1857 Fax : +91-22-28789755 Email : ihpcia@ihpcia.org

Secretariat

Shiv Anand-A, 1st Floor, 372/374, S.V. Road, Goregaon (West), Mumbai - 400104, India.
Phone : +91 22 2877 1857 Fax : +91-22-28741366 Email : ihpcia@ihpcia.org
Contact: Krutika: +91 9029088219 / Pankaj Dutia: +91 9819113510
Website: www.ihpcia.org

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Chemistry, Cleaning and Care

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 Back Outside - Colour (INR 35,000/-)

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For Enquiries:

IHPCIA - Secretariat

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Mumbai - 400 104, INDIA

Tel: +91 22 228771857; Fax: +91 22 28741366

Mobile: +91 9029088219

Email: ihpcia@ihpcia.org / pankaj@ihpcia.org / krutika@ihpcia.org / amit@ihpcia.org

Website: www.ihpcia.org