

Thai distributor for oat company

Oat Cosmetics has appointed Forecus as their new supplier for Thailand. Forecus will distribute Oat Cosmetics' full portfolio of Ecocert and Cosmos approved natural and organic oat ingredients; including an extruded colloidal oatmeal, Oat COM with anti-ageing properties, a premium oat oil, Oat Lipid which is rich in skin identical fatty acids, restoring and replenishing

the skin and finally their 'Touch of Luxury' sensory agent Oat Silk which imparts a luxuriant and silky feel to skin care creams and lotions.

Warunsiri Padungkul, business manager for Personal Care Ingredients for Forecus commented: "We are delighted to represent Oat Cosmetics in Thailand as we feel the consumer in this market is showing a continual demand for new innovative

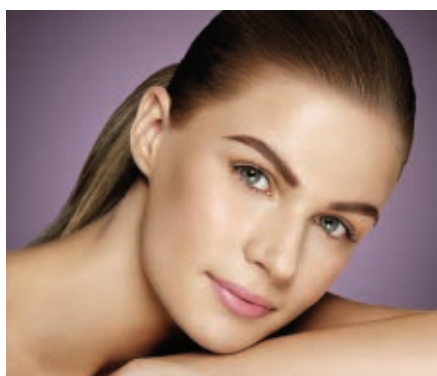
natural ingredients. We believe Oat Lipid's ability to provide natural nourishment to the skin with minimal greasiness, will be of real interest in the skin care market. Additionally we view the versatile oat flours, Oat COM and Oat SILK as a cost effective addition to skin care formulations as well as their capacity to be used in colour cosmetics as pressed powders."

Eco standards met

DSM Personal Care has announced that its sensory modifier Valvance Touch 210 now complies with the Natrue criteria for natural cosmetic, natural cosmetic with an organic portion and organic cosmetic products.

Dr Jochen Klock, head of Global Marketing Sun Care at DSM commented: "There are an increasing number of customers globally who seek natural ingredients produced in a sustainable way. Natrue certification, complementing the product's existing certification by Ecocert, provides a wider scope for customers who formulate using natural ingredients without having to compromise on the sensorial features of their products."

Valvance Touch 210 is a silica-based sensory modifier which provides excellent dry touch feeling. It is ideal for body and face care formulations even at very high UV protection factors. Absorbing quickly, it makes skin look



matte, and gives a desired dry touch by significantly reducing residual oiliness, greasiness and stickiness of formulations. Thanks to its Natrue and Ecocert certifications, the ingredient can also boost the sensory properties of natural and organic cosmetics.

Award for formulation concept

DKSH's Business Unit Performance Materials, a leading specialty chemicals distributor, was awarded with the first prize in the Prix de la Formulation contest at the Cosmetagora 2015 in Paris, for its distinct 'Total Shield Cushion Formulation SPF 25' skin foundation.

DKSH's personal care industry team in France created the innovative formulation after being inspired by the 'cushion concept' that is already widely used in Asia and that is now steadily gaining popularity throughout the Western markets. The concept allows a liquid foundation to be dispersed through a sponge cushion within a versatile compact, giving the foundation a very light, powdery texture. The liquid foundation has a high loading pigment concentration, yet maintains a water-like viscosity, preventing the ability of the pigments to thicken when concentration increases.

In close collaboration with their Korean colleagues, DKSH's Innovation Center in France used its specialty and cosmetic ingredient knowhow to overcome challenging technical obstacles and created the distinct formulation by synthesising a unique blend of antioxidants and sunscreens from more than ten DKSH suppliers.

COMMENT

Nature continues to inspire formulators

The upcoming ASCS2015 event will be a fantastic opportunity for industry colleagues in the region to come together and work towards creating even more innovative and effective products for consumers globally. The Australian setting will also prove an interesting location for the conference as it takes in so much from both western and eastern cultures.

Looking at the topics covered by the scientific programme (page 12) you will notice a very prominent presence of seminars dedicated to natural or natural-derived ingredients. Indeed the theme of the event references the natural wonders of the region and suggests that formulators are becoming inspired once again by the wealth of resources

on our doorstep. From anti-ageing, to whitening, to emulsifiers and solubilisers – the range of natural options is becoming wider almost by the day.

As formulators it is difficult not to be inspired by the variety and abundance of chemical compounds offered by nature, but this should not mean that synthetic options are automatically discarded. There is much to be said for natural and synthetic materials working in harmony, with the benefits of each offering a great deal to the consumer. Ultimately the best products deliver on all levels, not just the attractiveness of the ingredients list.

Richard Scott
Editor

Singapore date announced

The scientific committee of the SCSS has announced that the 6th SCSS Suppliers' Day will be held on Friday 14 August 2015.

Details and an invitation to participate as either a sponsor, exhibitor, speaker or a combination will be available soon. This year's event will be held at the Mandarin Orchard Hotel on Orchard Road which is centrally located with good parking available and access to the MRT (Orchard or Somerset stations).

New CEO appointed

Emery Oleochemicals has announced that its board of directors named Ramesh Kana as the company's new group chief executive officer (GCEO). Ramesh Kana succeeds Dr Kongkrapan Intarajang, who has taken a new role with PTT Global Chemicals but will remain a member of the board of directors.

"Ramesh's deep understanding and experience of the company's business, culture, people, partners and industry makes him the right leader to drive Emery Oleochemicals' strategy and growth moving forward," said Datuk Franki Anthony Dass, chairman of the Board of Directors.

Since joining Emery Oleochemicals in 2009 as senior vice president and group chief financial officer, Ramesh has led and managed Emery



Oleochemicals' transition from a predominantly commodity chemical player to a natural-based specialty chemical producer. With a proven track record in delivering value to the company's stakeholders, Ramesh took on additional roles and was named senior vice president, global chief finance & strategy officer and regional managing director – Asia Pacific in May 2014.

Commenting on his appointment, Ramesh said: "I'm honoured to have this opportunity to lead Emery Oleochemicals through its next chapter as a leading sustainable specialty chemical player. I look forward to working closely with all employees, partners, regulators and customers, capitalising on recent efforts, our sustainable portfolio and leveraging 175 years of heritage and expertise under the Emery brand."

Research appointment

Philip Ludwig, manager for Global Product Development and Applications at Lonza Consumer Care, has been appointed to the advisory council of the Center for Dermal Research (CDR). Philip's role will be to provide valuable input and strategic guidance in support of the CDR's aim to be the leading dermatopharmaceuticals research centre in New Jersey conducting studies on topical and transdermal compound delivery, skin biology and skin tissue engineering. The CDR will also provide quality educational opportunities for its members through workshops, seminar series, symposia and courses.

At Lonza Consumer Care, Philip Ludwig develops new botanical extracts, discovers

innovations in growing plant tissue cultures that produce exciting new actives and leads his team to find efficacious and novel microbial ferments, purified phytochemicals and synthetic chemistries. Mr Ludwig has written multiple patents relating to new personal care ingredients and has been a featured speaker at over a dozen industry events and seminars. His most recent two products, ReGeniStem Red Rice and Vivillum, have won four international awards for being the most innovative cosmetic ingredient (two years in a row at in-cosmetics Asia), for being the best anti-ageing innovative product (PCHI Shanghai), and being one of the four best new cosmetic ingredients (in-cosmetics Europe).

Emotional impact of acne

The British Skin Foundation has found that more than half of acne sufferers (56.78%) have experienced verbal abuse from friends, family and other people they know due to their skin condition.

The survey was the biggest in the organisation's history, with over 2,000 responses. The aim was to get an insight into what acne sufferers go through during their everyday lives.

Aside from the visual symptoms of acne, it is important not to trivialise the emotional impact of the disease. Being a very visual condition, acne can have a huge impact on a person's self-esteem and confidence, bringing with it potential long-term effects on the

sufferers life. This can be anything from relationships, work or state of mind.

Also from the survey it was found that just over 10% of people have been unfairly dismissed at work due to their acne. This demonstrates a degree of discrimination against a small – but still unacceptable – number of acne sufferers.

Sadly nearly 20% of the respondents have had a relationship end due to their acne, showing the effect that acne can have on personal life. More worryingly, over 20% of those with acne in the survey have thought about or attempted suicide, demonstrating the consequences of acne on mental health, confidence and self-worth.

New pigment releases

With Suprima, Merck is the first pigment manufacturer to launch a quality brand that groups several selected products under one umbrella. For the cosmetic market, Merck is launching the Ronastar Golden Jewel and Ronastar Noble Sparks products under the Suprima umbrella.

Three main factors differentiate these products from other brands. Firstly, Merck has set the highest purity standards with regard to the heavy metal content. Using tailored 'full digestion' test methods, Suprima products are examined in great detail. The resulting measurements relating to the twelve most relevant heavy metals are documented in the dossier. Secondly, Merck fully complies with the latest GMP standards of the European Federation for Cosmetic Ingredients (EFFCI) for cosmetic raw materials. The products manufactured at the Gernsheim (Germany) and Savannah (US) production sites meet the stringent EFFCI requirements. Thirdly, the quality brand's dossier contains comprehensive colouristic data, which makes it easier for customers to evaluate the effect pigments.

Plant cell cultures explained



Plant cell culture has been under the spotlight in recent years. This eco-friendly production mode of cosmetic ingredients offers numerous advantages in terms of sustainability, sourcing, quality and safety. But what is exactly behind this technology? Sederma has put together a video explaining the technology step by step, the challenges it is facing and why it is so promising for the cosmetic industry. To view it visit: www.sederma.com/PCC

This video is provided by IRB for Sederma which is the result of the integration in 2012 of the Istituto di Ricerche Biotechnologiche (IRB), a leader in the emerging market of plant cell culture actives in personal care, to Sederma.

Slimming and firming activity proven

Naolys presents active plant cells from the Great bougainvillea (*Bougainvillea spectabilis*) with a slimming and firming effect to the body: Splint&Slim Great bougainvillea.

These whole plant cells bring a slimming effect to the body proven by a clinical study after 28 days of treatment versus placebo: the result shows an average decrease of the thigh measurement of more than 1 cm. *In vitro* studies prove the lipolytic effect of cells at the level of adipocytes in culture, and, in association with caffeine, that they clearly

potentiate the lipolytic effect of caffeine.

Another *in vitro* study demonstrates their firming effect with the increase of the rates of different components in the extra cellular matrix such as proteoglycans, collagens, elastin and glucosaminoglycans.

All tests were performed with a concentration of 0.1% of a powder made of 100% cells. Splint&Slim Great bougainvillea is not allergenic, preservative free, and can be used in any formulation for skin care applications.



Emollient base cream

The daily use of shower gels and soaps can reduce the skin's layer of natural oils leading to dry skin and possibly exacerbate conditions such as eczema and psoriasis. Emollients are increasingly popular as moisturising treatments which are applied directly to the skin's surface, offering a protective barrier and reducing water loss.

Kerax manufacture and supply a comprehensive range of petroleum jellies



covering an array of applications for the pharmaceutical, cosmetic and personal care sectors. 2015 sees the launch of the Technijell 4930, a new addition to Kerax's petroleum jelly product line. Technijell 4930 is a simple blend of highly refined liquid paraffin and petroleum jelly.

The benefits of using the Technijell 4930 as part of formulations include: ready mixed base of liquid paraffin and petroleum jelly, just add your raw materials to the base cream or use the blend as is, enhances slip. Other benefits are that it:

- Leaves a silky feel.
- Aids in moisturising dry skin.
- Helps to soften and protect cracks on the skin.
- Acts as a carrier base cream for raw materials to be applied to the skin.
- Ideal for skin care and baby care products such as ointments, lotions and moisturising creams.

RSPO supply chain certification

Surfchem has been certified against the RSPO Supply Chain Certification System for 'Purchasing, Storage, Distribution and Processing of Certified Palm Oil and Palm Oil derived Oleochemicals'.

Consumer desire to see improvement and change in this area has grown significantly over the years. Fakhara Jones, technical director, said: "The RSPO certification is a significant achievement for Surfchem. We are working closely with our principal suppliers and customers' technical and innovation teams to offer sustainable and ethical products as alternative sources of supply wherever possible."

The cosmetics and personal care industry players are increasingly recognising the importance of using and promoting sustainable palm oil. Palm oil is widely used in the personal care industry, but cultivating palm oil can have a damaging effect on rainforests, climate change, livelihood of the local people and the habitat of orang-utans and other wildlife.

Accountability accreditation

CLR Chemisches Laboratorium Dr. Kurt Richter GmbH has been certified as having met the international Social Accountability Standard 8000 (SA8000). The SA8000 standard is based on a number of existing international human rights standards including the United Nation's Universal Declaration of Human Rights and the UN Convention on the Rights of the Child and aims at the improvement of working conditions in the workplace.

CLR has stated that this certification reflects the company's concept of social responsibility. The SA8000 certification reinforces the further development of CLR's integrated management system, consisting of quality management (ISO 9001:2008) and environmental management (ISO 14001).

Broad-spectrum preservation

Troy Corporation has introduced the TroyCare FE-series of customised broad-spectrum preservative blends developed specifically for personal care and cosmetics applications.

"With the FE-Series of preservatives, formulators can now select a customised broad-spectrum blend with the optimum levels of bactericide and fungicide for their formulations, yielding the lowest total preservative cost," said David Koehl, global business manager – Home & Personal Care for Troy Corporation.

The TroyCare FE broad-spectrum preservative blends contain iodopropynyl butylcarbamate (IPBC) in Phenoxyethanol. Three different blend ratios are offered:

- TroyCare FE003 with 0.3% IPBC
- TroyCare FE01 with 1.0% IPBC
- TroyCare FE02 with 2.0% IPBC.

Protein promotes hydration

TRI-K Industries announced the latest update to its protein line, Milk Tein NPNF. Made from food grade milk powder, Milk Tein NPNF immediately increases hydration to the skin and with repeated use, increases moisture retention on the skin.

It is a challenge to develop a product that prevents dry skin caused by the use of daily surfactants, especially in rinse-off products. New data shows that Milk Tein NPNF instantly nourishes, deeply hydrates and enhances the feel of skin. And with continued use, Milk Tein NPNF enhances film substantivity and increases moisture retention. Additionally, this product is gentle on delicate/sensitive skin. Milk Tein NPNF will provide strong nourishing and moisturising for all rinse-off products.

Strategic alliance announced

Clariant and Beraca have announced a strategic alliance which comprises the acquisition of a 30% share of Beraca's Division Health and Personal Care by Clariant, with the possibility of major participation in the future. The transaction will be subject to certain conditions, as well as regulatory approvals.

Beraca is a leading provider of natural and organic certified ingredients sustainably drawn from Brazil's biodiversity. The company is known worldwide as a reference for sustainable development due to its unique Sociobiodiversity

Enhancement Program and full traceability of raw materials from Brazilian biomes, especially the Amazon Rainforest – the world's largest and most diverse rainforest. Beraca works closely with local communities and associations to ensure eco-sustainable standards and practices in its product sourcing and production.

Michael Willome, head of BU Industrial & Consumer Specialties Clariant, commented: "The investment with Beraca will enhance Clariant's innovation capabilities in the field of natural ingredients for cosmetics and Personal

Care applications and enlarge the range of valuable solutions we offer to customers and end consumers. Both companies are looking forward to jointly developing the new Beraca for the good of our global and regional customers."

"Beraca is a key cornerstone in enhancing Clariant's portfolio with regards to natural ingredients, biological active extracts and natural emollients, giving our customers unique and exclusive access to cherished ingredients from Brazil," added Manlio Gallotti, head of BU ICS Clariant Latin America.

Technical service manager

The Personal Care Division of BRB Silicones has strengthened its European distribution network and started sales in Latin America. Therefore, as of 1 March

2015 Clara Gil Navarro will join BRB Silicones as personal care technical service manager for Europe & Latin America. She will develop customised guide formulations, provide technical service and troubleshooting to BRB customers in these two regions. She will be based in Europe where BRB is headquartered.

Clara Gil Navarro has 4 years' experience in the personal care industry in a technical service role in the area of silicone ingredients. Her broad cosmetic ingredients experience will help customers to optimise the usage of BRB's silicone range in tailor-made beauty care regional formulations.



Efficiency with lavender processing supported

Symrise has announced that it supports the French Research Institute CRIEPPAM in its environmental efforts to improve energy efficiency during lavender harvesting and distillation. The process will also considerably increase the quality of the essential oil obtained.

Lavender from the Alpes-de-Haute-Provence region in France has always been an important ingredient for perfumery. Symrise purchases large quantities of lavender essential oil from the region for its perfume creations. Energy consumption for harvesting and distillation represents a substantial portion of the environmental footprint of the natural raw material.

As part of its sustainability programme, Symrise has now opted to support the French Research Institute CRIEPPAM (Centre Régionalisé Interprofessionnel d'Expérimentation en Plantes à



Parfum Aromatiques et Médicinales) in its environmental efforts to improve energy efficiency of these processes. To help the organisation achieve these goals, Symrise will provide financial support in order to continue the research activities aimed at improving the energy consumption of the 'Espieur' harvesting system and the downstream distillation process.

'Truly natural' momentum

While products formulated with a high proportion of synthetic ingredients dominate the global natural personal care market, accounting for nearly 75% of the total market share in 2014, truly natural positioning is gaining importance with consumers, manufacturers, and retailers. Following this trend, marketers have increasingly been reformulating with a higher proportion of truly natural ingredients in their products.

According to research firm Kline & Company in their Natural Personal Care Global Series report, the popularity of natural-inspired products is higher in less mature markets, such as Brazil and some Asia Pacific countries, where disposable income and consumer awareness regarding product ingredients are low and where distinguishing between natural-inspired and truly

natural cosmetics is not as important when making a purchase.

In mature markets like the United States and Europe, a growing number of consumers are purchasing products containing predominantly natural ingredients. While products that are only natural-inspired continued to prevail in the United States and Europe in 2014, Kline's ratings system, which analyses brands' naturalness on a scale of 1 to 10, with 10 being completely natural, uncovered shifts in the natural positioning in several US and European brands, including Avalon Organics, JÄSÖN, Annemarie Borlind, and Melvita, all receiving higher ratings in 2014 when compared to previous years.

Expansion for PVP

BASF plans to invest up to €56 million in the expansion of its polyvinylpyrrolidone (PVP) value chain over the next four years. Through revamping existing plants in Ludwigshafen, Germany and Geismar, Louisiana and introducing the PVP technology at BASF's site in Shanghai, China, the company will increase its global PVP production capacities by up to 6,000 metric tons. All plants will operate under the highest possible quality standards (current Good Manufacturing Practice). BASF is the inventor and one of the market leaders for PVP.

The polymer PVP can be used in a broad range of applications due to its varied features: it is water soluble, but can also absorb large quantities of water; it is non-irritant to the skin and does not pose a health hazard; it is temperature-resistant, pH-stable, non-ionic and colourless.