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GO FUTURE: SUN CARE

Creating a UV-light-free healthy-looking tan

SPOTLIGHT: SAMPLES

Small, but high-performing

Guylaine Le Loarer, Börlind

"NATURE'S POTENTIAL"



DR GERD MILDAU
CVUA Karlsruhe
Claims: True or false?



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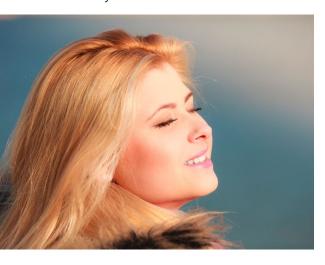
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Front cover picture: Börlind

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Explore the latest trends at the global Launchpad of the personal care industry Network with 700+ ingredient suppliers, fragrance houses, laboratory & regulatory professionals Test out the latest product innovations with a wide selection of interactive features

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PROTECTION WITH BETTER FEEL

Global trends | Dr. Markus Schwind from BASF talks about the latest global and local sun care and formulation trends.

Interview with: Dr. Markus A. Schwind, Senior Marketing Manager Sun Care, BASF, Monheim am Rhein, Germany www.carecreations.

basf.com

COSSMA: What are the latest product trends in sun protection globally?

Dr. Markus Schwind, Sun Care Expert, BASF: Globally, we're seeing that awareness for UV protection continues to be on the rise. High-SPF values are being applied worldwide and also the awareness for high UVA protection continues to expand. At the same time, a lot of effort is being put in-

to creating lighter formulations. Trying to overcome the stereotypical stickiness of high-SPF sunscreens certainly is one way to perpetuate a global trend worth supporting. All these trends are good news for the consumer who wants to prevent long-term sun-related skin damages.

What are the latest main regional sun care product trends? In Asia, increasing UVA protection levels is certainly a hot topic; increasing the standard of the Protection Grade of UVA (PA) from PA + + + to PA + + + forms a challenge for the manufacturers. Additionally, China increased the maximum SPF rating from 30 + to 50 +. However, this raise in standard is good news for the Chinese consumer.

In North America, unfortunately, there still are no new approved filters. This clearly prevents the US consumer to receive high protection from sun-related skin damages which consumers in other regions of the world are already now used to.

In Europe, regulations requiring high-SPF and UVA-protection have been in place for some time. Here, product improvements are clearly



"THE GOAL IS A LIGHTER SENSORY FEELING WITH VERY HIGH PROTECTIVE PROPERTIES"

Dr. Markus Schwind, Senior Marketing Manager Sun Care, BASF, Monheim am Rhein, Germany

focused on the sensory feeling of the formulation - the goal being lighter products with very high protective properties. Countries in Africa and East Asia follow Europe in terms of product innovations with increasing awareness for the Senior Marketing Manager Sun Care need of UV-protection. Last but certainly not least, South American products utilize even SPF 99, with one-third protection from UVA rays. This is the highest claimable protection level worldwide. Certainly this is good news for all South Americans while posing a challenge to sunscreen manufacturers to incorporate very high UV-filter concentrations while at the same time keeping a light formulation.

What are your company's latest solutions to serve these trends? BASF has and will continue to

provide both efficient and photostable UV-filters. Over the last few decades we have continuously introduced new filters to the market despite high regulatory hurdles. These filters represent the base of creating new sunscreen products with the highest protection levels while maintaining a light sensory feeling. For example, in order to enable sunscreen manufacturers to develop lighter sunscreen formulations, we recently started offering a water-dispersed UV-filter Tinosorb A2B, which is a highly efficient UVB/UVAII-filter, as well as Tinosorb S Aqua, an encapsulated water-dispersible version of otherwise oil-soluble broad-spectrum UV-filter. Both of these filters will greatly aid in the creation of a lighter and more pleasant formulation in sunscreens and many other daily care products.

UV PROTECTION

Awareness of UV protection is still on the rise

Light formulations with high UV-filter concentrations are in great demand

HIGHEST SPF

With **an SPF of up to 99** South America allows the world's highest SPF rating

What are your company's most innovative sun care formulations?

A few of the latest products that we help our customers to develop include: **Aqua-touch**, which is a lighter formulation that surpasses the usual, stereotypical sunscreen by feeling more like a daily body lotion.

Dry-touch sunscreens dry quickly and leave no shine.

Cream2powder solutions provide an ultra-dry touch for make-up and other daily care products.

And last but not least **Refreshing mist sunscreens** which combine easy application with a refreshing feeling.

With our long-standing formulation expertise we also provide customised support to all of our international customers.

Additional information can be found on the Internet – see download panel

- ADVERTISEMENT -







FOR VARIED APPLICATIONS

Latest launches | This selection shows a broad range of ingredients for varied applications, all worth a closer look.

> ontipro's two anti-ageing peptides, Clodessine and Desultine. Clodessine is the active fragment of the anti-ageing enzyme klotho, which circulates in the human body, promoting health and prolonging lifespan. It helps the skin to fight against environmental stress, improves skin cell renewal potential, rejuvenates the skin and fights against wrinkles. Desultine was designed to inhibit cholesterol sulfotransferase (SULT2B1b) en

zymes in skin cells, including improvement of skin barrier function, elasticity, balancing epidermal turnover and skin colour, especially spot reduction.

www.contipro.com

Cosphatec has created a brand new product line with a combination of well-established multifunctionals and traditional antimicrobial substances which allow for safe and efficient conservation without using

criticised preservatives: Cosphagard Pretec is suitable for sensitive skin and baby care. Cosphagard Presol is highly efficient and water soluble. Nature-identical Cosphagard Precare is Ecocert- and Cosmos-conforming. All three products are free of parabens, triclosan and MIT.

www.cosphatec.com

Givaudan Active Beauty's Ocean Collection of Unispheres is composed of four pearlescent colours for skin and body care formulations: White Shell, inspired by pure white pearls; Pink Coral, inspired by the precious gemstone; Gold Treasure, inspired by lost riches in sunken galleons; and Caviar, inspired by the prestigious sea food.

www.givaudan.com/activebeauty

Hellenic Asinus Farms' Neto-Cryogenic Donkey Milk Powder is a 100% pure natural product, which can be used in deodorants and antiperspirants both for its moisturising effect and for its anti-inflammatory potential. It is rich in lactose and low in fat as opposed to cattle and sheep milk, contains bioactive proteins (lysozyme, lactoferrin, lactoperoxidase, immunoglobulins) and has a good moisturising profile, thanks to multilevel activity leading to restoring of skin's normal hydration level. It contains albumins that create a moisturising shield on the upper layers of the skin, reducing TEWL. It is rich in peptides with amino acids involved in the synthesis of normal moisturising factor (NMF) of the skin.

www.hafarms.com

Lessonia's Fucowhite is a whitening active obtained through marine science, which is organic certified and preservative-free. It is made of purified fucoiddan-polyphenol complex, extracted from the brown algae Ascophyllum nodosum and using the marine glycobiology technology from Lessonia. This marine active has been clinically tested on Asian skin and showed encouraging results after only 28 days of application. Orchiderma is a moisturising line based on a Black Orchid complex and built around five products, offering a hydration ritual with proven efficacy in cleansing milk, micellar water, face cream, hand cream and body milk.

www.lessonia.com

Lipotec's latest development, Reproage peptide, may induce cellular reprogramming in the epidermal basal layer through the modulation of epigenetic elements. This can help reactivate basal cells and their regenerative abilities, leading to an improved appearance of mature skin. Specifically, microRNA-145 is an epigenetic regulator known to repress the activity of the stem cell transcription factors, restraining the stemness properties of the basal cells. The new peptide reduces the levels of microRNA-145 and increases the level of the stem cell factors related to stemness, contributing to an improvement in skin properties.

www.lipotec.com

Lubrizol's Carbopol Smart 3000 Polymer, a new easy-to-use liquid polymer which delivers exceptional clarity, suspension, and elegant rheology while also enhancing mildness, skin feel and foam aesthetics. It requires no extra neutralisation step, and therefore offers a simple solution for challenging formulations.

www.lubrizol.com

Mibelle Biochemistry's Pinolumin,

a novel neurocosmetic active from the wood of Swiss stone pine, contains a resveratrol-like molecule called pinosylvin. It has been shown to neutralise free radicals, block pain receptors present in the skin and reduce inflammation through several biological pathways. The ingredient has

LIPOTEC

New peptide for reprogramming the skin through epigenetics

MIBELLE

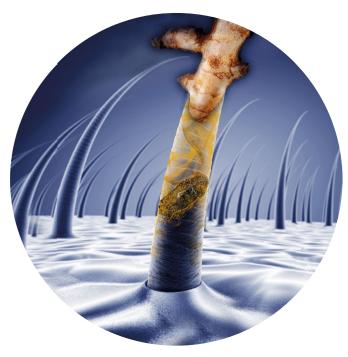
Neurocosmetic active from stone pine contains a resveratrol-like molecule

been shown to inhibit the function of the pain receptor TRPV1, which is over-activated in sensitive and stressed skin. It inhibits the release of pro-inflammatory mediators. Furthermore, Pinolumin protects skin collagen by inhibiting the UVA-induced production of MMP-1. Clinical studies showed that the ingredient was able to visibly reduce both local redness and age spots on the face, which led to a noticeable increase in the overall skin tone homogeneity. The ingredient protects and soothes the skin, transforming it into a flawless and radiant skin.

www.mibellebiochemistry.com

Rahn's Liftonin-Xpert is an intelligent collagen booster obtained from the leaf sap of the South African medical plant Bulbine frutescens. Thanks to the active substances knipholone and acetylated polymannose, it recalibrates the equilibrium between the decomposition and reconstruction of dermal structures. Unlike conventional TGF-β boosters, it encourages fibroblasts to produce the right amount of high

Hair growth reactivation with the help of plant growth factors



INGREDIENTS

quality collagen and shuts down the inflammatory pathway.

www.rahn-group.com

Sensient's new two- and three-phase formulations include 2 phase juicy lip, a two-phase lip colour; Shake it on!, a colour-changing pore-minimising serum; 3 phase radiant care, a three-phase brightening lotion; Etincelle d'eau biphase, a two-phase serum special for Asian routine; and Beer mist for hair, a cosmetic beer for hair.

www.sensient.com

Seppic's Emogreen is a range of emollients as alternatives to silicone oils that are natural, biodegradable and appealing to the touch. They are of vegetal origin and suitable for a broad range of applications from skin and hair care to makeup, sunscreen and cleansing. They can be formulated under extreme conditions: for example, in rich and active formulations, high to low pH. Compatible with all kinds of oils and easy to use, the 100% biosourced ingredient offers a unique texture for consumers who are looking for more natural and eco-friendly products. Contacticel, an extract from the red algae Acrochaetium moniliforme, is a skin-purifying active ingredient.

www.seppic.com

Silab's Filmexel is a multifunctional natural film-forming active ingredient. As a second skin it offers a range of benefits – protective, lifting, sensorial – in gels, emulsified gels, tissue masks, serums and foundations. Thanks to its dense meshwork, it acts as a natural barrier against harmful exogenous agents. Its tensor ef-

"VANTAGE'S HEPTAPEPTIDE PENETRATES WITHOUT CARRIERS"



Due to the surfactant-like properties of Vantage's heptapeptide, no additional delivery vehicles are needed

fect is instantly visible, and its smoothing and anti-wrinkle efficacy is proven in various formulas. Incorporated into a foundation, it prolongs its wear and creates a lifting sensation.

www.silab.fr

SYMRISE

Alternative to

traditional pre-

servatives shows

broad spectrum

protection

properties

Symrise's SymOcide C, a cosmetic preservative o-Cymen-5-ol (p-thymol), is an odourless and globally-approved personal care alternative to traditional preservatives. In combination with organic acids or other multifunctional ingredients, it shows broad spectrum protection properties, particularly beneficial in oral care applications such as toothpaste.

www.symrise.com

Vantage's Desert Whale Jojoba Milk, a thin oil-in-water dispersion unlike any other, produced from high shear pressure with naturally-derived phospholipids and jojoba oil. These specially-chosen lipids penetrate the skin and provide deep and long-lasting hydration. This innovative process creates oil droplets with a high surface area, improving topical delivery of skin hydrating and anti-ageing ingredients. This versatile milk provides a platform for both skin and hair formulations. CytoRegulin is a heptapeptide that can penetrate the skin in a predictable manner without the help of additional delivery vehicles. It mimics the action of a key growth factor called Transforming Growth Factor 1 beta (TGF 1β) which is responsible for stimulating healing, restoring structure and maintaining balance in the skin.

www.vantagespecialties.com

Vytrus Biotech's Capilia Longa PPF is a multiactive ingredient made from Curcuma longa (turmeric) callus culture, which offers hair growth reactivation by genuine plant growth factors. It is the concentrated secretome of totipotent plant stem cells from the rhizome of turmeric. This secretome is rich in signalling peptides specially designed to create the optimal micro-environment to reactivate hair growth, achieving an epigenetic reset of the hair bulb, reactivating the activity of latent dermal papilla cells and promoting hair follicle regeneration to create new hair.

www.vytrus.com

Worlee's Soft Beads are cosmetic particles available in a range of different sizes and colours. They are composed of over 95% renewable resources and may be used in leave-on or rinse-off products. They take the form of solid particles that soften in aqueous formulations and emulsions and don't contain any preservatives or components of animal origin.

www.worlee.de

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FACE & COLOUR

Formulations | This month's selection of facial care as well as colour care formulations are available free of charge at our webpage www.cossma.com/qr00164.

Additional information can be found on the Internet – see download panel



Hydrating Souffle Facial Cream

AkzoNobel

Delightful DD Cream

Amedeo Brasca

Re-Fresh Energy Burst Cream Gel

Ashland

GG Genius Glow Cream

Azelis

Youthful Radiance Enhancer

Quick Beautification Mascara

Biesterfeld Spezialchemie

The Purist Hydrogel

C.H. Erbslöh

Radiance Face Spray

Correct & Glow Cushion Compact SPF 50

Cosmos Compliant Foundation

DKSH

Natural Sun Protection Stick SPF 25

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Eckart Altana

Liquid Foundation

Estenity

Boosting HYA-Gel

GfN Selco

HD Cream

Greentech

Illuminating CC Cream

Hallstar

My Perfect Foundation

IFF Lucas Meyer

Mattifying Undereye Balm

Kobo

Eutectyserum

Naturex

Natural Skin Glow Day Cream

Nordmann, Rassmann

Facial Scrub with Starch, Rice and Kiwi

SACI-CFPA

Mascara

Sederma

DOWNLOADS

Additional information at

www.cossma.com/qr00164

Your access codes for February:

User name: cossma2

Password: **sun**

Lipstick in 2 Phases

Sensient Cosmetic Technologies

Drops of Purity Expert Care

Seppic

Mascara Dark Mystery

Serum for Stressed Skin

Zschimmer & Schwarz

In our March issue, we will be focussing on formulations for skin cleansing products. In our April issue, we will be investigating the most creative product ideas in the field of masks, treatments and exfoliants. All of the information published here has been carefully assembled. However, neither the publishers nor the developers of these formula-tions can accept responsibility for their safety or accuracy.

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FACTS AND FIGURES

Show: 7th BEAUTY FORUM LEIPZIG

Dates: 22-23 April 2017 Place: Leipziger Messe, Hall 2 Organiser: Health and Beauty Germany

More information: www.beauty-fairs.de/leipzig

LOOKING FORWARD TO BEAUT



EVENTS | What is hot this spring on the weekend of April 22-23? BEAUTY FORUM LEIPZIG! Save the date and find out what to expect.

the 7th edition of **BEAUTY FO**-RUM LEIPZIG will be taking place on the weekend of April 22–23. Expect to explore the offers of fascinating exhibitors covering all areas of professional beauty, along with a uniquely versatile programme of further education, shows and championships not to be missed.

Scientific congresses

This year's **BEAUTY FORUM LEIPZIG** features two congresses: the 8th Podology Congress and the 3rd Anti-Ageing Congress.

The 3rd Anti-Ageing Congress takes place on the Saturday of the show, April 22. It will be covering topics such as anti-ageing and active ingredients, effective anti-ageing and medical beauty treatments and anti-ageing from a perspective of aesthetic medicine. This congress has been certified with two further education points by Saxony's National Chamber of Pharmacists.

The 8th Podology Congress on Sunday, April 23, will focus on diabetic foot syndrome. The event has been certified by both the German Association of Podology (ZFD)* and Saxony's National Chamber of Pharmacists.

*For all ZFD members, admission to the show is free of charge A discount for all international trade show visitors is available at http://shop.beauty-fairs.de/ All tickets include free of charge public transport to and from the show.

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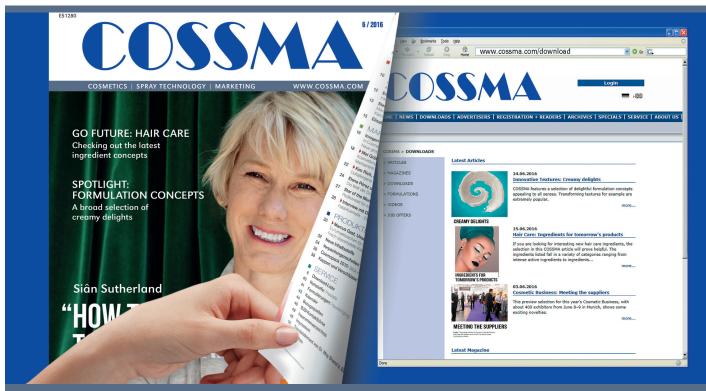
Contact us for a full course prospectus and pricing - start straight away!



FAIRS, CONFERENCES 2017 **AND SEMINARS**

WHEN?	WHAT?	WHERE?	WHO?
1516.02.2017	Seminar: Das Haar und seine Behandlung	Holzminden Germany	DGK e.V. www.dgk-ev.de
1518.02.2017	Vivaness	Nuremberg Germany	NürnbergMesse www.vivaness.de
2123.02.2017	PCHi China	Guangzhou China	Reed Sinopharm www.pchi-china.com
2223.02.2017	PLMA Annual Roundtable Conference	Warsaw Poland	PLMA www.plmainternational.com
26.0201.03.2017	Personal Care Product Council Annual Meeting	Palm Beach (FL) USA	The Personal Care Council www.personalcarecouncil.org
0102.03.2017	Packaging Innovations	Birmingham Great Britain	easyFairs www.easyfairs.com
0203.03.2017	Home and Personal Care India Conference & Expo	Mumbai India	SOFW www.hpci-india.com
0203.03.2017	Seminar: Implementation of Cosmetic-GMP ISO 22716	Chandler, Arizona USA	Pfeiffer Consulting www.pfeiffer-consulting.com
0405.03.2017	BEAUTY FORUM ROMANIA	Cluj-Napoca Romania	Health and Beauty Business Media Kft. www.beauty-forum.ro
0405.03.2017	BEAUTY FORUM SWISS	Zurich Switzerland	Health and Beauty Marketing Swiss GmbH info@health-and-beauty.ch www.beauty-fairs.ch
11.–12.03.2017	BEAUTY FORUM POLAND	Warsaw Poland	Health and Beauty Media Sp.z.z.o. targi@health-and-beauty.com.pl www.beauty-fairs.com.pl
1619.03.2017	Cosmopack	Bologna Italy	BolognaFiere Cosmoprof www.cosmoprof.com/cosmopack
1720.03.2017	Cosmoprof	Bologna Italy	BolognaFiere Cosmoprof www.cosmoprof.com
1819.03.2017	The Make-up Show Orlando	Orlando USA	The Makeup Show www.themakeupshow.com
2122.03.2017	Making Cosmetics	Coventry Great Britain	Step Exhibitions Ltd www.making-cosmetics.com
2324.03.2017	BEAUTY FORUM SLOVAKIA	Trencin Slovakia	Expo Center dobias@expocenter.sk, www.expocenter.sk
2324.03.2017	Deutscher Verpackungskongress	Berlin Germany	Deutsches Verpackungsinstitut www.verpackungskongress.de
2729.03.2017	Beauty India	Mumbai India	Sumansa Exhibitions www.beautyindiashow.com
3031.03.2017	Fresenius Kosmetika-Tagung Sicherheit, Qualität und Wirkung kosmetischer Produkte	Mainz Germany	Akademie Fresenius www.akademie-fresenius.de
31.0301.04.2017	Medical SkinCare Congress	Düsseldorf Germany	Messe Düsseldorf GmbH www.beauty.de
31.0302.04.2017	Beauty Düsseldorf	Düsseldorf Germany	Messe Düsseldorf GmbH www.beauty.de
0102.04.2017	Top Hair	Düsseldorf Germany	Messe Düsseldorf www.messe-duesseldorf.com
0102.04.2017	Make-up Artist Design Show	Düsseldorf Germany	Messe Düsseldorf GmbH www.messe-duesseldorf.de
0406.04.2017	In-Cosmetics	London Great Britain	Reed Exhibitions www.in-cosmetics.com

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