

Formulations

... doing more



photo: Déjeleor

The increased versatility of cosmetics ingredients simplifies the formulator's job

What ingredients can we use to formulate multifunctional products with sensory properties, but without spending huge amounts of time and money?

Bettina Jackwerth and Guadalupe Pellon of Cognis, Barbara Obermayer of Pentapharm and Rolf Ohrmann of Symrise provide some answers to a topical question.

Bettina Jackwerth: Cosmedia SP and



Rheocare ATH are emulsifying polymers providing precise sensory control and allowing the desired product viscosity to be easily adjusted and its

stability to be increased. **Cutina PES** wax, which gives products a certain consistency, is ideally used in gels to produce a pleasant sensory feel. The O/W emulsifier **Emulgade Su-cro** imparts a velvety skin feel and improves skin moisturisation. Oily components such as **Cetiol CC** combine a light and powdery skin feel with high-tech performance in sun care formulations. **Cetiol B** also has a light sensory feel and good solubility and dispersion properties in all types of UV filter. Using the emulsifier **Eumulgin SG**, with its electrolyte compatibility that makes formulation easier, it is no problem to process actives and water-soluble UV filters that introduce a high level of electrolytes into the formulation.

Guadalupe Pellon: As a multifunctional wax dispersion



Lamesoft Care, a liquid wax able to be cold-processed and with a broad pH spectrum, produces a rich, pearlescent effect in shampoos

and shower products. It also adds micronised lipids to skin cleansing products and high performance shampoos, enhancing their sensory properties.

Barbara Obermayer: Phytaluronate



moisturises, reduces wrinkles and gives formulations a pleasant skin feel. In colour cosmetics it reduces the build-up of pigment in the skin's creases. The

skin firming ingredient **Pepha-Tight** produces immediately visible results, as well as improving the skin's elasticity and reducing wrinkles. **Vialox**, which contains a pentapeptide to combat laughter lines, is a ready-to-use 2-component system that saves time during formulation.

Rolf Ohrmann: There are three Symrise



cosmetics ingredients that spring to mind here. The multifunctional active **Hydrolite 5** moisturises, acts as a solubiliser, improves the aesthetic

properties of cosmetics formulations, produces smaller droplets in emulsions and so brings added stability. It also has antibacterial properties, enhances the water resistance of sun care products and improves pigment dispersion performance. The non-ethoxylated phosphate emulsifier **Emulsiphos** imparts a smooth, soft skin feel and so improves the sensory properties of emulsions. It is suitable for modern, light O/W formulations. The PEG-free cold/cold emulsifier **Dracorin GOC** cuts down development time for new products and simplifies formulation. ■

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Arch Personal Care Products

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Profile: Arch Personal Care Products, a leading speciality chemical company, offers a wide range of biotechnological active ingredients, rheology modifiers, delivery systems, proteins, botanicals, functional ingredients, anti-dandruff actives and preservation systems. Arch Personal Care Products provides the world with actives with integrity.



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Profile: Cognis Care Chemicals is one of the world's leading suppliers of raw materials for the home & personal care and industrial cleaning industries. Cognis aligned its product and service offering at an early stage with the growth trends of wellness and sustainability, helping to give its customers a competitive advantage in their markets.



Degussa Goldschmidt Personal Care

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Profile: Degussa's business line Goldschmidt Personal Care is a leading supplier and innovative partner for the cosmetics industry. With a technology platform based on organic specialties, silicones and active ingredients, we provide high-quality ingredients for skin and hair care, sun care, AP/deo and decorative cosmetics.



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Profile: Noveon provides our customers with acrylic polymers, urethanes, silicones, high-quality surfactants, methyl glucoside derivatives, lanolin & lanolin derivatives plus a number of other formulation additives. Key personal care products include rheology modifiers, fixatives, and conditioners for hair and skin. Noveon is the inventor of Carbopol & Pemulen polymers, Fixate polymers, and Schercemol and Hydramol esters.



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Profile: Pentapharm AG is an international producer of innovative cosmetic actives of natural, synthetic and bio-technological origin.



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Profile: Sasol is a leading producer of raw materials for cosmetics and household products. Our diversified product portfolio includes: Surfactants (anionics like alkylbenzene sulfonates, alkylether sulfates, alkylether carboxylates and paraffin sulfonates, as well as nonionics like alcohol ethoxylates), Emulsifiers, thickeners, hydrotropics and PEG, Fats and oils/ cosmetic esters, AHA esters, Linear fatty alcohol, Defined branched Guerbet alcohols, defined mono-branched Guerbet acids, Self-emulsifying alcohols, waxes, Carboxylic acids and derivatives, Gemini compounds



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Profile: S.Black GmbH is one of the leading specialists for the technical expertise in and distribution of cosmetics actives and additives. S.Black GmbH was founded in 1996, being a subsidiary of S.Black Ltd. located in the UK. S.Black GmbH is responsible for customers in Germany, Austria, Switzerland, Belgium and the Netherlands. The key strength of the company is the know-how of customer demand and needs. S.Black GmbH supports its customers with innovative ingredients, creative formulation techniques, customer-focused approach and a sales team with in-depth market and product know-how.



Symrise

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Profile: SLI Chemicals GmbH is an international distributor located in Frankfurt/Main, Germany. We are offering various cosmetic ingredients, especially for natural cosmetics and ecological products. Our amaranth oil (AMR AMARANTH) and „Mais PO4 PH“B“ by DR. HAUSER are listed in the BDIH register for „Kontrollierte Naturkosmetik“ (certified natural cosmetics)



ZSCHIMMER & SCHWARZ GmbH & Co KG

Contact: surfactants@zschimmer-schwarz.de
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Profile: ZSCHIMMER & SCHWARZ, an international company with headquarters in Lahnstein, Germany, offer a wide range of speciality surfactants and commodities for the manufacture of Cosmetics and Personal Care products. Z&S are specialists in tailor-made chemistry and can provide tailor-made solutions.

Arch Personal Care Products

fmuaia@archchemicals.com
www.archpersonalcare.com

- Formulas:**
- Enviro3Screen Body Protection Lotion
 - OptimEyes
 - Squeaky Clean!
 - Renewable Radiance
 - The Climate Control Lotion

Cognis Germany GmbH & Co.KG

care.chemicals@cognis.com
www.cognis.com

- Formulas:**
- Anti Hair Breakage Shampoo
 - Body Moisturizing Sun Spray
 - Intensive Care Gloss Shampoo
 - Moisturizing Sun Care Lotion
 - Sun Block Baby Lotion SPF 20

Degussa, Goldschmidt Personal Care

personal-care@degussa.com
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- Formulas:**
- Light W/O Lotion
 - O/W Mild & Gentle Face Care Lotion
 - Quick Breaking W/O Emulsion
 - Sprayable Hair Milk

Noveon Inc.

amy.dolzine@noveon.com
www.personalcare.noveon.com

- Formulas:**
- Anti-Acne Cream Gel for Sensitive Skin
 - Anti-Wrinkle Night Lotion
 - Moisturizing Eye Cream
 - Sunflower Facial Revitalizing Cream
 - Ultra Mild Conditioning Shampoo

Pentapharm AG

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- Formulas:**
- Good Morning Cream
 - Natural Daily Care For Young Skin
 - Rejuvenating Cream
 - Tightening Contouring Gel
 - Wrinkle Killing Moisturizer For Men

Sasol Germany GmbH

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www.sasolos.com

- Formulas:**
- Cream With Pea And Honey Extract
 - Shampoo for coloured hair
 - Shower Cream with 10% sunflower oil
 - Sun Spray SPF 30
 - OW Bodylotion With Olive Oil
 - W/O Bodylotion cold processing

S.Black GmbH

infode@sblack.com
www.sblack.com

- Formulas:**
- Enhanced Self-Tanning Gel with a combination of DHA + Erythrulose
 - Enhanced Self Tanning Mousse for Pump
 - Soothing Post Shave Gel for Men

Symrise

www.symrise.com

- Formulas:**
- Sunscreen Lotion O/W, SPF 15, water resistant
 - Sunscreen Softcream (O/W), SPF 43, water-resistant
 - Sunscreen Spray (O/W), SPF 25, water resistant

SLI Chemicals GmbH

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- Formulas:**
- Body Lotion with Amaranth Oil and Rice Starch
 - Hand Cream with Amaranth Oil and Corn Starch
 - Shower foam with 0,75 % Amaranth Oil

ZSCHIMMER & SCHWARZ GmbH & Co KG

surfactants@zschimmer-schwarz.de
www.zschimmer-schwarz.com

- Formulas:**
- Anti Hangover Shower Oil
 - Facial Cleanser
 - Purifying Facial Cleanser
 - Shower Cream with Vegetable Oil
 - Very Mild SLES Free
 - Anti Dandruff Shampoo

C.H. Erbslöh KG

Lp@che-kg.de
www.cherbsloeh.de

- Formula:** - AquActive Sorbet

CIREBELLE

elsje.beukes@sasol.com
www.cirebelle.com

- Formula:** - Strawberry Blaze
Exfoliating Shower Gel

Concentrated Aloe Corporation

mark@conaloe.com, www.conaloe.com

- Formula:** - Aloe Vera Foot Cream
with Tamanu Oil and Tea Tree Oil

ERCA S.p.A.

personalcare@gruppoeerca.com
www.gruppoeerca.com

- Formula:** - Hair dyes stable emulsion

Floratech

sales@floratech.com, www.floratech.com

- Formula:** - Variable-Tint Liquid Foundation
with Florasomes

Impag Import GmbH

kosmetik@impag.de, www.impag.de

- Formula:** - Rejuvenating Shower Gel with
Rainforest Fruit Extract

INTERPOLYMER

mselter@interpolymer.fr, www.interpolymer.com

- Formula:** - Volumizing mascara based on
SYNTRAN 5760

Laboratoires Serobiologiques

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www.laboratoires-serobiologiques.com

- Formula:** - Pep Up Your Skin Lotion
with Dermican

LCW - SENSIENT COSMETIC TECHNOLOGIES

lcw@lcw.fr, www.lcw.fr

- Formula:** - Aquacleanser Gel

Lehmann & Voss & Co. KG

axel.kirchniawy@lehvoss.de, www.lehvoss.de

- Formula:** - Nourishing Cream

Medwed & Werner

info@medwed-werner.de, www.medwed-werner.de

- Formula:** - Ocean Gold® Sea Minerals Liquid

NCT Nord Trading GmbH

mmw-tbs@gmx.net, BIO-NONI-SAFT.EU

- Formula:** - Skin cream with morinda citrifolia
(Noni)

Nikko Chemicals Co., Ltd

troitsky@nikkol.co.jp, www.nikkol.co.jp

- Formula:** - Ultra-light W/O Moisturizing
Night Cream

Potters Industries Inc.

bill.shaker@pottersbeads.com
www.pottersbeads.com

- Formula:** - Anhydrous Powder Blush with
Glass Microspheres

Protameen Chemicals

Protameenj@aol.com, www.protameen.com

- Formula:** - Hand And Body Lotion
with Pro-AqualSL

S&D Chesham GmbH

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- Formula:** - Metrotection Face and Body

Sederma GmbH

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- Formula:** - Matifying Gel-Emulsion
with EVERMAT™

Seppic

jennifer.atwood@airliquide.com
www.seppic.com

- Formula:** - Crystal Clear Self Tanning Gel

Sistema BV

info@sistema.com, www.sistema.com

- Formula:** - 100% natural and edible lotion
(O/W)