Contents

14 | Dr. Gerhard Nohynek of L'Oréal explains why the concerns about nanotechnology are unfounded

24 | Products for beauty from without and within

22 | How nanotechnology and natural cosmetics can come together

42 | Caps and closures are becoming ever more extravagant and more complex

3 **Editorial**

NEWS

8 **Markets + Profiles**

FOCUS

Active Ingredients

14 ▸ **Interview with Dr. Gerhard Nohynek, L'Oréal:** Dangerous nanotechnology? – A lot of fuss about nothing

18 ▸ **Miklos M. Breuer:** Skin deterioration – Prevention or even reversal

21 **New Products**

22 **Dr. Gabriele Blume, Sarah Teichmüller, Rovi Cosmetics:** Liposomes – From classic actives to nanotechnology

MARKETING

24 ▸ **Imogen Matthews, In-Cosmetics Consultant**: Holistic beauty for body and soul

32 **Carla Ogeia, Mintel:** International launches

34 ▸ **Star of the Month:** First skin-care preparation with pollen protection

PRODUCTION

28 **Merck** – Ingredients and their benefits

30 **Dr. Vera Maienschein, Impag:** The right active for the right age – Anti-ageing cf better-ageing

36 **Ingredients News**

38 **Cosmoprof:** New ideas – How about recycled bottles?

40 **PCD congress:** Technology transfer is needed

42 ▸ **Closures:** Adding the finishing touch

46 **Packaging News**

48 **Jutta Gehm, proRheo:** Measuring the viscosity of cosmetics products

SERVICES

6 **Download List**

50 **Essential Oils:** Price List

51 **Formulations:** Cleansing products

52 **Events Diary**

54 **Book Shop**

56 **International B2B Exchange**

58 **Suppliers' Guide**

64 **Company Index**

64 **Advertisers' Index**

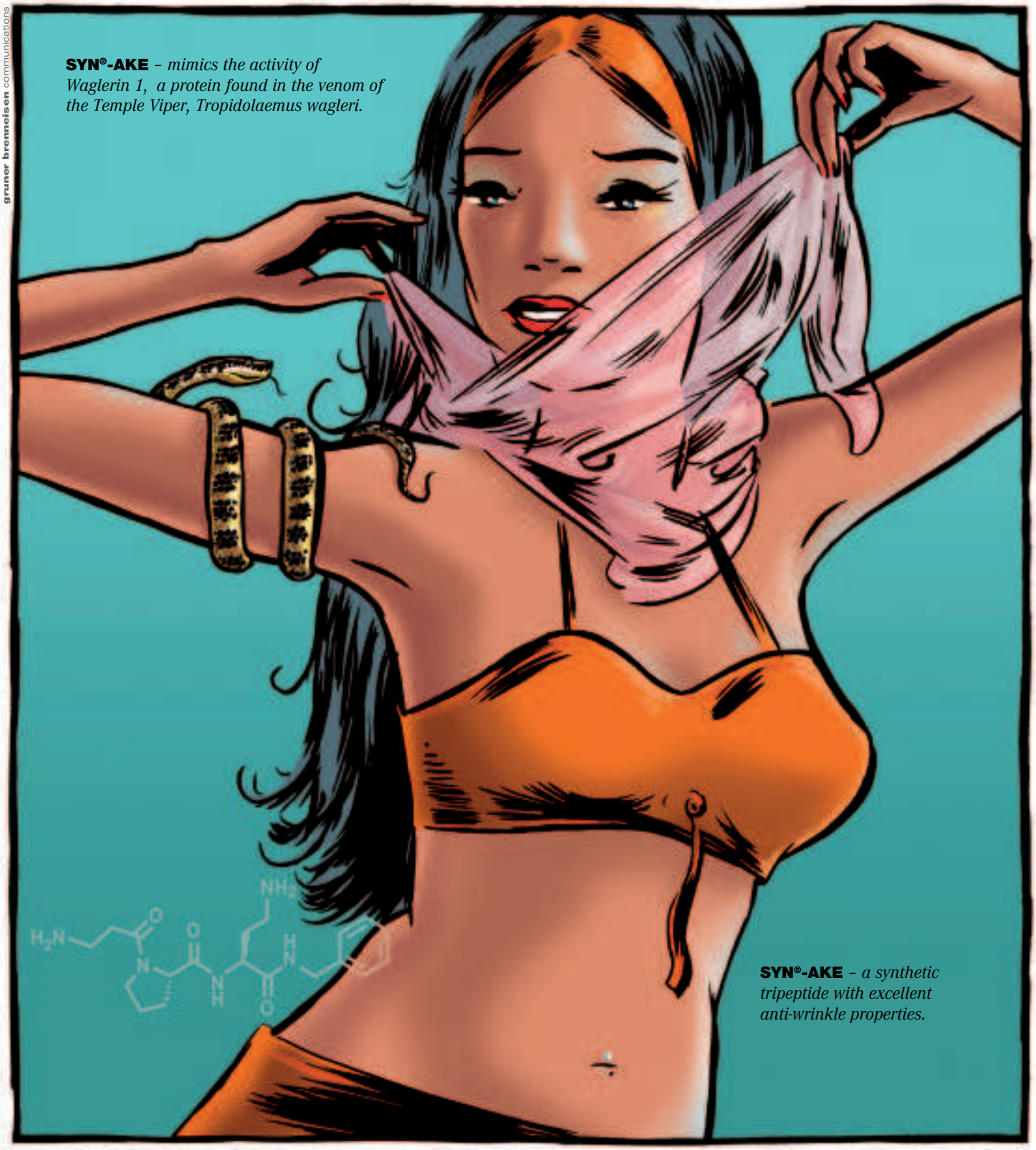
65 **Masthead Page**

66 **Preview**

▸ Leading articles
Front cover picture: Aveda

SYN®-AKE –
Age Killing Effect.

gruner brennesen communications



SWISS TECHNOLOGY AWARD 2006

pentapharm

benefiting society through science

Unlimited. **DSM**

Registered as DSM Nutritional Products Ltd Branch Pentapharm
Engelgasse 109, P. O. Box, CH-4002 Basel/Switzerland, Phone: +41 61-706 48 48, Fax: +41 61-319 96 19, www.pentapharm.com

Your access codes for this month:
User: cossma3
password: active

CONTENTS

www.cossma.com/download

Download more:
go to:
www.cossma.com/download

Now available on-line for subscribers!

Additional information, ready to download - just enter the URL **www.cossma.com/download** into your browser to view the full data (▸=NEW!)

photo: Pixelio

PRODUCT INFORMATION

■ Product information:

Ingredients:

▸ ABIL® UV Quat 50
▸ TEGO® Galanga
▸ VARISOFT® EQ 65
▸ List of ingredients for organic formulations
ALP-SEDUM
BeauActive MTP
Dermofeel PO
Dermofeel PP
Dermosoft GMCY
RED ALFA Lingonberry Seed Oil
BLUE TOCOL Bilberry Seed Oil
RED GAMMA Raspberry Seed Oil
RED TOCOL Cranberry Seed Oil
SHAJIO Seach Buckthorn Berry Oil
VITA Strawberry Seed Oil

Finished products:
Innovative products, selected by Amanda Linott, Mintel
▸ Meso-C Multivitamin Radiance Treatment – 21 Days
▸ Redefining & Firming Care | backup |
▸ Ultimate Wrinkle Restoring Creme
Skin Care Line with Gem Essence
Uplifting Mascara
Lip balm for mothers-to-be (calm a queasy stomach)
Eyeliner Creamy
Lipgloss-Serie von Josie Maran
Luxus-Bio-Spa-Serie Om
Mascara Quick Remover
Shower Gel
Dissolving Paper Shampoo
Limited Edition Hair Care range
Self-Tanning shower gel
Nail-remover mittens

■ Company Profiles: Sara Lee
Cognis: Background Feelosophy

photo: Fotolia

SCIENTIFIC ARTICLES AND STUDIES

Pure water supply system: Upgraded to latest standards
Extended version of article (German language only)

Packaging technology: Versatility urgently required
▸ Extended version of article (German language only)

Hair Care: Natural anti-ageing much in demand
▸ Extended version of the trend statements of Laboratoires Sérobiologiques, Silab, National Starch

Identifying new cosmetic peptides
Scient. version of article

Natural peptides: Beautify your skin
Scient. version of article, illustrations, test results

REFERENCES:

Emulsifier blend makes it possible: Plant-based W/O formulations
References

Nano-cosmetics: No health risk
References

Cell-active folic acid:
References

SUPPLIER LISTINGS

Service Providers international
Address listing

Natural Cosmetics:
Supplier listing ingredients and packaging

Contract Services International
Address listing

Ingredient Providers International
Address listing

▸ Packaging Providers International
Address listing

MARKET DATA AND STUDIES

■ by country
Germany: Personal Care Market 2007
France: Market Cosmetics & Toiletries
Geo cosmetics: Detailed description of the study
Bulgaria: Data on economic situation
Eastern Europe:
Market Data Cosmetic Market
Russia: Data on cosmetic market
Spain: Market shares by segments, companies and brands

■ by segments
Finished Products:
Fine Fragrance: Data premium and mass market world-wide
Hair Care: Market data world-wide
Body Care: Market data by segments and countries
Natural Cosmetics: Market data, list of products recently launched (international)
Sun Care/ Sun Protection:
Market data international

photo: Dove

Bayer MaterialScience

personal care ingredients · in-cosmetics ·

COME AND VISIT US!
IN-COSMETICS AMSTERDAM
15-17 APRIL 2008
HALL 1, BOOTH A208

A NEW STAR IS BORN!

BAYCUSAN®

Experience a multi-talent with fascinating radiance: Baycusan® – the pioneering polyurethane polymer as a film former and conditioner for your cosmetic products. With Baycusan®, the secret of beauty now lies in the mix. Easy-to-formulate Baycusan® offers tailor-made properties for your specific application. Dazzling appearance, a more pleasant feel and optimal hold: Hair and skin care products as well as decorative cosmetics with Baycusan® offer perfect performance. For a seductive look and breathtaking styling.
Curious? Then visit us at www.bayercosmetics.com or contact us at cosmetics@bayermaterialscience.com

VisionWorks in POLYURETHANES FOR COSMETICS

Bayer MaterialScience AG, 51368 Leverkusen, Germany · 35961

Advertisers' Index

Rexam Airspray International B.V. www.rexamairspray.com	p. 2
ARS Parfum GmbH www.ars-design.eu	p. 31
Ascot International Ltd. www.ascot1.com	p. 23
Dieter Bakic Enterprises GmbH www.bakic.com	p. 17
Bayer MaterialScience AG www.bayercosmetics.com	p. 7
Biotech Marine www.biotechmarine.com	p. 68
S. Black GmbH www.sblack.com	p. 37
Corpack GmbH www.corpack.de	p. 29
Cremer Oleo GmbH & Co.KG www.cremer-care.de	p. 9
Croda Chemicals Europe Ltd. www.croda.com	p. 27
Dermatest GmbH www.dermatest.de	p. 16
Faber-Castell Cosmetics GmbH www.fc-cosmetics.com	p. 33
Gaplast GmbH www.lemotion.net	p. 10
Hacoba AG www.hacoba.ch	p. 48
HLP Clear Packaging Products www.hlp-verpackung.com	p. 19
IMPAG Import GmbH www.impag.de	p. 35
Inotech GmbH www.inotech.de	p. 37
ISP International Specialty Products www.ispcorp.com	p. 15
Paul Kaders GmbH www.kaders.de	p. 18
Lablabo www.lablabo.com	p. 41
Lameplast SPA www.lameplastgroup.com	p. 45
Lipotec S.A. www.lipotec.com	p. 25
Lubrizol www.personalcare.noveon.com	p. 47
Mani GmbH www.mani-gmbh.com	p. 37
Messe Düsseldorf GmbH www.interpack.com	p. 11
Neo Cos Service GmbH www.neocos.com	p. 55
Pentapharm Ltd. www.pentapharm.com	p. 5
Reed Exhibitions Ltd. www.in-cosmeticseasterneurope.com	p. 53
Gerhard Schubert GmbH www.gerhard-schubert.de	pp. 12, 13
Seidel GmbH & Co. www.seidel.de	p. 28
Seufert transparente Verpackungen GmbH www.seufert.com	p. 23
Dr. Straetmans GmbH www.dr-straetmans.de	p. 39
Trichema AG www.trichema.ch	p. 26
Weleda AG www.weleda.de	p. 55
Winopal Forschungsbedarf GmbH www.winopal.com	p. 49

Company Index

Alban Muller www.albanmuller.com	p. 36
Alcan www.alcanpackaging.com	pp. 40, 42
Atrium www.atrium-bio.com	p. 36
Australian Therapeutic Goods Administration www.tga.gov.au	p. 14
AW www.aw-color.de	p. 46
Babor Cosmetics www.babor.de	p. 8
Bayer Health Care www.bayerhealthcare.com	p. 30
Biotherm www.biotherm.de	p. 21
Bormioli Rocco & Figlio www.bormioliroccopackaging.com	p. 40
Boss www.hugoboss.com	p. 46
Bourjois www.bourjois.com	p. 32
Bundesinstitut für Risikobewertung www.bfr.bund.de	p. 14
Christian Dior www.dior.com	p. 21
Clariant www.clariant.com	p. 51
CLR www.clr-berlin.de	p. 51
Coca-Cola www.coca-cola.com	p. 24
Cognis www.cognis.com	p. 51
ColepCCL www.colepccl.com	p. 46
Coolit www.coolit.de	p. 46
Cosmetique Active Deutschland www.vichy.com	p. 8
COSSMA www.cossma.com	p. 3
Coster www.coster.com	p. 38
Cremer www.cremer-care.de	p. 36
Croda www.croda.com	pp. 36, 51
Crown www.crowncork.com	p. 8
Danone www.danone.fr	p. 24
DKSH www.dksh.com	p. 36
Dr. Andrew Weil www.drweil.com	p. 24
Dr. Brandt www.drbrandtskincare.com	p. 24
Dr.Hauschka www.drhauschka.de	pp. 21, 24
Dragoco www.dragoco.com	p. 8
Drom www.drom.com	p. 8
DSM www.dsm.com	p. 51
DuPont www.dupont.com	p. 42
Emsar www.emsargroup.com	p. 38
Estée Lauder www.esteelauder.com	p. 40
Eucerin www.eucerin.de	p. 34
Euromonitor www.euromonitor.com	p. 24
Evonik Goldschmidt www.goldschmidt.com	p. 51
Faber-Castell www.fc-cosmetics.com	p. 38
Finke www.finke-colors.de	p. 46
Firmenich www.firmenich.com	p. 8
Gerresheimer www.gerresheimer.com	p. 38
HCT Packaging www.hctpackaging.com	p. 42
Impag www.impag.de	pp. 8, 30, 36, 51
In-Cosmetics www.in-cosmetics.com	pp. 3, 24
Inotech Kunststofftechnik www.inotech.de	p. 38
International Standards Organisation www.iso.org	p. 14
Internationale Agentur für Krebsforschung der WHO www.iarc.fr	pp. 3, 14
Johnson and Johnson www.jnj.com	p. 18
Juvena www.juvena.com	p. 21
Kemira www.kemira.com	p. 51
Kline & Company www.klinegroup.com	p. 24
L'Oréal www.loreal.com	pp. 3, 8, 14, 40
La Ric www.laric.at	p. 32
Lancôme www.lancome.com	p. 40
LCW www.lcw.fr	p. 51
Lubrizol Advanced Materials www.lubrizol.com	p. 51
Lutz Herrmann Design www.lh-design.de	p. 46
Maxim-Gruppe www.maxim-markenprodukte.de	p. 8
MeadWestvaco Calmar www.meadwestvaco.com	pp. 8, 38
Merck www.merck.de	pp. 8, 28, 46, 51
MH Plastics www.mhplastics.com	p. 38
Mintel GNPD www.gnpd.com	p. 24
Mintel www.mintel.com	pp. 24, 28, 32
Momentive www.momentive.com	p. 36
Nestlé www.nestle.com	p. 24
Nissin Food Products www.nissinfood.co.jp	p. 24
Nordmann, Rassmann www.nrc.com	p. 8
Noveon www.noveon.com	p. 51
NPD Group www.npd.com	p. 9
Organic Monitor www.organicmonitor.com	p. 24
Oriflame www.oriflame.com	p. 32
PCD Congress www.pcd-congress.com	p. 40
PET Power www.petpower.nl	p. 46
Pfeiffer www.pfeiffer.de	p. 38
Printing International www.printinginternational.com	p. 42
Procter & Gamble www.pg.com	p. 8
Promens www.polimoon.com	p. 38
proRheo www.prorheo.de	p. 48
Rexam www.rexam.com	pp. 38, 42
Rochas www.rochas.com	p. 42
Rovi Cosmetics www.rovicosmetics.de	pp. 3, 22
RPC Beauté www.rpc-beaute.com	p. 40
Saint-Gobain www.saint-gobain.com	p. 8
Schwan-Stabilo www.schwan-cosmetics.com	p. 38
Scientific Committee for New and Emerging Health Risks www.ec.europa.eu/health	p. 14
Seaquist Closures www.seaquistloeffler.com	p. 42
Sederma www.sederma.fr	pp. 18, 51
Seidel www.seidel.de	p. 38
Sensation Chocolat Paris www.sensationchocolat.com	p. 24
Shiseido www.shiseido.com	p. 24
Soil Association www.soilassociation.org	p. 14
Soliance www.groupesoliance.com	pp. 30, 36
Southern Cross www.scbotanicals.com.au	p. 51
Stepan www.stepan.com	p. 51
Symrise www.symrise.com	p. 8
Takasago www.takasago.com	p. 8
Thermage www.thermage.com	p. 18
Tommy Hilfiger www.tommy.com	p. 42
Transgene www.transgene.fr	p. 18
Ultrapolymers www.ultrapolymers.com	p. 46
Univar www.univareurope.com	p. 51
Weleda www.weleda.com	p. 24
YSL Beauté www.ysl.com	pp. 8, 40

REXAM

Rexam Airspray B.V.
Tel: +31-72-541 46 66
E-mail: airspray.nl@rexam.com

Rexam Airspray, Inc.
Tel: +1-954-972-7750
E-mail: airspray.us@rexam.com

Visit our website:
www.rexamairspray.com
www.rexam.com

Fairs, conferences and seminars

2008

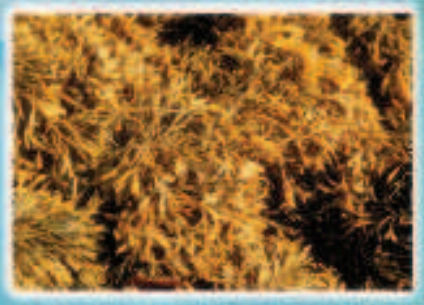
When?	What?	Where?	Who?
08.–09.03.2008	**BEAUTY FORUM SWISS**	Zurich, Switzerland	Health and Beauty Marketing Swiss GmbH info@health-and-beauty.ch, www.beauty-fairs.ch
11.–12.03.2008	Aerosol Forum	Paris, France	Oriex oriex@oriex.fr, www.aerosol-forum.com
11.–12.03.2008	Seminar: Rechtssichere Vermarktung von Kosmetika	Berlin, Germany	IIR Deutschland yvonne.kunert@pti-aktuell.de, www.pti-aktuell.de
13.–15.03.2008	**BEAUTY FORUM SLOVAKIA**	Trencin, Slovakia	Vystavisko TMM, a.s. wos23@tmm.sk, www.tmm.sk
13.–16.03.2008	**BEAUTY & CARE (WK) Turkey 2008**	Istanbul, Turkey	Interteks www.interteks.com
17.–19.03.2008	PCHi	Shanghai, China	Reed Sinopharm Exhibitions hairong.zheng@reedsinopharm.com, www.pchi-china.com
18.03.2008	Mintel GNPD Innovation and Insight Forum	Paris, France	Mintel GNPD www.clientdevelopment.com, www.gnpd.com
29.–30.03.2008	**BEAUTY FORUM POLAND 2008**	Warsaw, Poland	Health and Beauty Media Sp.z.z.o. targi@health-and-beauty.com.pl, www.beauty-fairs.com.pl
31.03.–02.04.2008	Jahrestagung der Gesellschaft für Dermopharmazie	Berlin, Germany	GD Gesellschaft für Dermopharmazie webmaster@gd-online.de, www.gd-online.de
02.–03.04.2008	CED Annual Meeting	Barcelona, Spain	CED ced@jornadasced.com, www.jornadasced.com
03.–04.04.2008	Seminar: Packaging Design	Berlin, Germany	Deutsches Verpackungsinstitut wohlatz@verpackung.org, www.verpackungsakademie.de
07.–09.04.2008	Seminar: Skin Product Development	Amsterdam, Netherlands	The Center for Professional Advancement amsterdam@cfpa.com, www.cfpa.com
07.–10.04.2008	World Meeting on Pharmaceutics, Biopharmaceutics and Pharmaceutical Technology	Barcelona, Spain	NürnbergMesse GmbH info@worldmeeting.org, www.worldmeeting.org
09.–11.04.2008	Forum Cosmeticum	Vienna, Austria	DGK e.V, Christine Domsch info@dgk-ev.de, www.dgk-ev.de
10.–11.04.2008	Seminar: Pathways to Skin Penetration	Amsterdam, Netherlands	The Center for Professional Advancement amsterdam@cfpa.com, www.cfpa.com
10.–14.04.2008	Cosmoprof	Bologna, Italy	SoGeCos sogecos@cosmoprof.it, www.cosmoprof.com
15.–17.04.2008	In-Cosmetics	Amsterdam, Netherlands	Reed Exhibitions incosteam@reedexpo.co.uk, www.in-cosmetics.com
16.–17.04.2008	Cosmetic Science Conference	Amsterdam, Netherlands	Reed Exhibitions incosteam@reedexpo.co.uk, www.in-cosmetics.com
17.–18.04.2008	Anti-ageing Conference	Moscow, Russia	ExpoMediaGroup Staraya Krepost info@cosmeticsinrussia.com, www.intercharm.net
17.–19.04.2008	Intercharm professional	Moscow, Russia	ExpoMediaGroup Staraya Krepost info@cosmeticsinrussia.com, www.intercharm.net
19.–20.04.2008	**BEAUTY FORUM HUNGARY**	Budapest, Hungary	Health and Beauty Business Media Kft. www.beauty-fairs.hu
21.–22.04.2008	Parfümerietagung	Düsseldorf, Germany	Bundesverband Parfümerien info@parfuemerieverband.de, www.parfuemerieverband.de
21.–23.04.2008	Seminar: Cosmetic Product Formulation	Amsterdam, Netherlands	The Center for Professional Advancement amsterdam@cfpa.com, www.cfpa.com
22.04.2008	Seminar: Kennzeichnung, Verpackung & Marketing von Kosmetika	Offenbach, Germany	Forum Institut für Management e.eckert@forum-institut.de, www.forum-institut.de
24.–25.04.2008	Seminar: Hair Product Development	Amsterdam, Netherlands	The Center for Professional Advancement amsterdam@cfpa.com, www.cfpa.com
24.–30.04.2008	Bioplastics in Packaging	Düsseldorf, Germany	European Bioplastics info@european-bioplastics.org, www.european-bioplastics.org
24.–30.04.2008	Interpack	Düsseldorf, Germany	Messe Düsseldorf GmbH info@messeduesseldorf.de, www.interpack.de

Antiageing Care

Antiwrinkle

Ambre Océane®

> Increases cellular proliferation
> Anti-ageing for mature skins
> Anti-wrinkle
> DHEA-like effect in terms of :
- stimulation of proteoglycans and collagen synthesis
- inhibition of MMP3 (stromylesin)
- inhibition of MDA release



> Densifies dermis
> Increases cellular proliferation
> Regulates physiological balance

Kelpadelie®

> Controls photo and physiological ageing
> Restructures the skin
> Controls metalloproteinases (1, 3, 9) overexpression
> Protects and improves ECM components

BIOTECHMARINE
ZI. BP 65. 22260 Pontrieux (FR)

Tel. : +33 (0) 2 96 95 31 32
Fax : +33 (0) 2 96 95 31 30
E-mail : contact@biotechmarine.com
Website : www.biotechmarine.com

Download Extra

The exclusive service for our subscribers:

At www.cossma.com/download you will find additional information that you can download.

Your access codes for March:
User name: cossma3
Password: active

Personal cleansing

In this special on the subject of "personal cleansing" we have listed 22 different formulations from 16 ingredients suppliers. If required these can all be downloaded free of charge from www.cossma.com using the access codes in the Internet button on this page.

The Rainforest Bodywash from Croda and the Body Polish India from Impag sound very exotic. The Cookies & Cream Skin Polishing & Slimming Cream from Lubrizol, on the other hand, sounds positively mouth-watering. If the formulations do what they promise they will fulfil many of the consumer's wishes.

In April we will be focussing on formulations for colour cosmetics. In May we will be looking at hair care. All of the information published here has been carefully assembled, however neither the publishers nor the developers of these formulations can accept responsibility for their safety or accuracy.

CRODA
Innovation you can build on™

Croda Chemicals Europe Ltd.

Contact: Corwick Hall, Snaith
Goole DN14 9AA, Great Britain
www.croda.com/europe/pc
pc-europe@croda.com

Profile: Croda is one of the world's leading suppliers of speciality raw materials, combining functionality with a natural positioning to provide winning ingredients for the personal care industry. With a wide and diverse product range, Croda offers innovation supported by proven efficacy testing across all personal care market sectors.

Formulas:
- Rainforest Bodywash
- Body Scrub with Crodamazon Castanha do Brazil
- Facial Scrub with Cromage Passiflora

Lubrizol

Lubrizol Advanced Materials Noveon Consumer Specialties

Contact: 9911 Brecksville Road
44141 Cleveland, Ohio, USA
Phone: +1 216 447 5000
Fax: +1 216 447 5740
malte.ruffing@noveon.com
www.personalcare.noveon.com

Profile: Noveon Consumer Specialties 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.

Formulas:
- Clear Gentle Moisturizing Facial Cleanser
- Cookies & Cream Skin Polishing & Slimming Cream
- Immaculate Skin Cleansing & Conditioning Potion
- Pearlized Mild Body Wash
- Shimmery Pomegranate Body Polisher

UNIVAR

Univar GmbH

Contact: Daria Schneider
Ruhrallee 201
45136 Essen, Germany
Phone: + 49 (0) 201 89 59 131
Fax: + 49 (0) 201 89 59 100
Mobile: + 49 (0) 173 25 88 851
daria.schneider@univareurope.com
www.univareurope.com

Profile: Die Univar GmbH ist eines der führenden Distributionsunternehmen für diverse Rohstoffe in die verschiedensten Industrien. Unseren kosmetischen Spezialitäten der italienischen Firma Vevy Europe sind fester Bestandteil zahlreicher Formulierungen.

Formulas:
- Antiageing Creme For Man (Vevy codex 58.4837)

Shower Gel with Olive Oil
Clariant Int. Ltd.

Claryfying Face Mask (O/W)
CLR Chemisches Laboratorium Dr. Kurt Richter GmbH

Jelly – Super Foaming Shower Fun
Cognis Care Chemicals

Liquid soap for Hand and Body
DSM Nutritional Products Europe Ltd.

Shower & Cream
Evonik Goldschmidt Personal Care

Facial Cleansing Gel
IMPAG Import GmbH

Gentle Essence – Exfoliating & Moisturizing Body Wash
Kemira Specialty, Inc.

Natural cleansing lotion TW1766-1
LCW – SENSIENT COSMETIC TECHNOLOGIES

Shower Gel Ocean Blue
Merck KgaA

Matifying Gel-Emulsion with EVERMAT™
Sederma SAS

Exfoliating Facial Cleanser for Problem Skin with Australian Myrtle Extract
Southern Cross Botanicals Pty Ltd

Moisturizing Body Wash
Stepan

Body Polish India
IMPAG Import GmbH

E51280

COSSMA

COSMETICS
SPRAY TECHNOLOGY
MARKETING

Ingredients
Skin ageing:
prevention and treatment

Product development
Holistic beauty and
nutri-cosmetics

Marketing
Skin care with pollen
protection

Packaging
Caps and closures:
Transparent will
continue to be in fashion

VIP of the month

Dr. Gerhard Nohynek of L'Oréal presents the latest findings in nanotechnology

Focus: Active Ingredients

3/2008
www.cossma.com