

TEGO® Turmerone – The Golden Spice of India

February 3, 2010

Turmeric (*Curcuma longa*) is a plant of the ginger family and is native to tropical South Asia. In medieval Europe, turmeric became known as “Indian Saffron”, since it was widely used as an alternative to the far more expensive saffron spice.

Dr. Hans-Georg Kreul
Consumer Specialties
Public Relations
Phone +49 201 173-2415
Fax +49 201 173-1838
hans.kreul@evonik.com

In Ayurvedic practices, turmeric has many medicinal properties and many in South Asia use it as a readily available antiseptic for cuts, burns and bruises. It is also used as an antibacterial agent. In addition to its Ayurvedic properties, turmeric has been used for a long time in India in a wide variety of skin creams. Turmeric paste is applied during Indian weddings on the face of the bride for beautifying & enriched skin complexion.

The business line Care Specialties of Evonik now offers the purified and standardized Turmeric Oil extract TEGO® Turmerone (INCI: *Curcuma Longa* (Turmeric) Root Extract) for a wide range of cosmetic applications such as anti-aging formulations, face care for even skin tone, sun care, baby care and men’s care for dull & tired skin.

TEGO® Turmerone is natural plant extract based on a molecular distillation process, which has significant anti-oxidant activity. An *in vitro* expression analysis has shown that it induces endogenous cellular defence mechanisms against oxidative stress. As oxidative stress is one of the parameters which can lead to skin ageing it is important to increase the components of body’s inherent anti-oxidative system. It is ideal to formulate products for the improvement of skin radiance and evenness of skin tone and also reduces the appearance of wrinkles in face care products which has

Evonik Goldschmidt GmbH
Goldschmidtstrasse 100
45127 Essen/Germany
Phone +49 201 173 01
Fax +49 201 173 3000
www.evonik.com

Supervisory Board
Patrik Wohlhauser, Chairman
Board of Management
Dr. Claus Rettig Chairman
Willibrord Lampen

been proven by an *in vivo* study. The patent filed TEGO® Turmerone is approved by ECOCERT.

February 3, 2010



Dr. Hans-Georg Kreul
Public Relations Consumer Specialties
Phone +49 201 173-2415
Fax +49 201 173-1838
hans.kreul@evonik.com

Turmeric (Curcuma longa)

*A high resolution picture can be downloaded from our website:
www.evonik.com/personal-care/news*

Company information

Evonik Industries is the creative industrial group from Germany which operates in three business areas: Chemicals, Energy and Real Estate. Evonik is a global leader in specialty chemicals, an expert in power generation from hard coal and renewable energies, and one of the largest private residential real estate companies in Germany. Our strengths are creativity, specialization, continuous self-renewal, and reliability.

Evonik is active in over 100 countries around the world. In its fiscal year 2008 about 41,000 employees generated sales of about €15.9 billion and an operating profit EBITDA of about €2.2 billion.

Disclaimer

In so far as forecasts or expectations are expressed in this press release or where our statements concern the future, these forecasts, expectations or statements may involve known or unknown risks and uncertainties. Actual results or developments may vary, depending on changes in the operating environment. Neither Evonik Industries AG nor its group companies assume an obligation to update the forecasts, expectations or statements contained in this release.

Evonik Goldschmidt GmbH
Goldschmidtstrasse 100
45127 Essen/Germany
Phone +49 201 173 01
Fax +49 201 173 3000
www.evonik.com

Supervisory Board
Patrik Wohlhauser
Board of Management
Dr. Claus Rettig Chairman
Willibrord Lampen