



COSMETIC ACTIVES

NEWS RELEASE

SWISS EXPERTISE 

RAHN
Your partner for excellence

CELLIGENT®

Stop Epidermal Jetlag®

ZURICH, OCTOBER 2019: RAHN PUBLISHES NEW DATA ON CELLIGENT®

We all have a master clock located in our brains. The preprogrammed circadian rhythm is activated when our eyes perceive the blue light part of the light spectrum. With the help of certain clock genes such as *CLOCK*, *ARNTL*, *PER* and *CRY*, our circadian rhythm regulates all the clocks of our body and its organs. If this rhythm is disturbed, what occurs is similar to jet lag. Even our skin suffers from Epidermal Jetlag® after long distance travel, long working days, usage of blue light-emitting media or UV light exposure which causes additional damage to the skin barrier and cellular DNA.

CELLIGENT® is the best way to recalibrate the biorhythm of our skin thanks to two powerful circadian antioxidants obtained from rice and rosemary.

By resetting the master genes of the epidermal clock, CELLIGENT® immediately strengthens the skin barrier, increases moisture and eliminates redness. This results in a fresh appearance and smooth, moisturized skin.

Efficacy

- Recalibrates circadian clock genes after UV stress (*in-vitro* study)
- Protects against DNA damage, blue light-induced ROS formation and lipid peroxidation (*in-vitro* study)
- Protects epidermal stem cells against UV-related performance drop-down (*in-vitro* study)
- Protects the skin against formul'ageing (*ex-vivo* study)
- Preserves the circadian rhythm, strengthens the skin barrier and reduces light stress symptoms (*in-vivo* study)
- Regenerates skin after UV-related damage (*in-vivo* study)
- Protects formulations against formul'ageing (*in-formulation* study)
- Reduces UV-induced radical formation in colour cosmetics (*in-formulation* study)



For further information, please contact cosmetics@rahn-group.com

About RAHN

RAHN-GROUP

SPECIALISING IN MARKET-ORIENTATED COSMETIC ACTIVE SUBSTANCES SINCE 1999

RAHN AG is a financially independent Swiss family company with two business areas, Cosmetics and EnergyCuring. RAHN AG has been a key player in the international marketplace since 75 years and has more recently grown into an internationally acclaimed expert in the development and sale of speciality chemicals.

In 1999 RAHN launched its own cleverly devised RAHN-Cosmetic Actives for use in a variety of applications.

RAHN-COSMETIC ACTIVES

A HOLISTIC PLATFORM SATISFYING INDIVIDUAL CUSTOMER REQUIREMENTS

We at RAHN speak the language of cosmetic science and strive to generate new inspiration for our customers. This message is reflected in RAHN-Cosmetic Actives where we recognise and harness the potential of nature, whilst combining it with modern technology to generate market-orientated, tried and tested active concepts. Constantly at the cutting edge of skin biology, we transform our scientifically proven systems into cosmetic statements. With its extensive platform, RAHN-Cosmetic Actives is capable of meeting a wide range of customer requirements be it in terms of marketing, science, product development or product safety.

UNCOMPLICATED CUSTOMER SERVICE – SECOND NATURE TO US!

Our customers are at the very heart of our business and we recognise the importance of responding swiftly to customer requests to offer workable solutions. The documentation for RAHN-Cosmetic Actives is comprehensive and practical. Our customers are delighted to use the intelligent trade names on their cosmetic packaging to further enhance pack claims. We are also equipped to deal with formulation problems in our technical applications laboratory as well as providing a wide range of tailor-made, state-of-the-art formulations.

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