

iACTIVE CERAMIDE

INCI Name (US): Ceramide EOP (and) Ceramide NS (and) Ceramide NP (and) Ceramide AS (and) Ceramide AP (and) Cholesterol (and) Hydrogenated Lecithin (and) Glyceryl Stearate (and) Sucrose Distearate (and) Propylene Glycol

INCI Name (EU): Ceramide EOP (and) Ceramide NS (and) Ceramide NP (and) Ceramide AS (and) Ceramide AP (and) Cholesterol (and) Hydrogenated Lecithin (and) Glyceryl Stearate (and) Sucrose Distearate (and) Propylene Glycol

CAS #: 92128-87-5; 55-88-5; 123-94-4; 27195-16-0; 110-98-5

**General Information/
Characteristics:**

Ceramide is the main component of the stratum corneum of the epidermis layer of human skin. Together with cholesterol and saturated fatty acids, ceramide creates a water-impermeable, protective organ to prevent excessive water loss due to evaporation as well as a barrier against the entry of microorganisms.

The stratum corneum is composed of 50% ceramides, 25% cholesterol, and 15% free fatty acids. With aging there is a decline in ceramide and cholesterol in the stratum corneum of humans, which leads to dry skin and irritation. **iActive Ceramide** is an oil soluble complex of Ceramide 1, Ceramide 2, Ceramide 3, Ceramide 4 and Ceramide 6 present in human skin. This product helps to repair the skin barrier function, improve skin hydration and reduce TEWL. It is also effective for improving hair hydrophobicity and smoothness

Benefits / Application:
Benefits:

- Effective for trans epidermal water loss recovering.
- Long lasting moisturizing effect.
- Improves skin barrier function.
- Increases softness, gloss and texture of the skin immediately after applying.
- Avoids recrystallization and low solubility problem of ceramides.
- Contains a High purity of Ceramide.

Distributed by Cosphatech LLC – 3470 NW 82 AVE – SUITE 770 – 33122 FLORIDA – USA – Ph: +1-305-499-9572 Fax:+1-305-499-9577 – info@cosphatech.com

We have made reasonable efforts to ensure that the information and suggestions regarding the statement of ingredients and conditions for use of our products is technically and scientifically accurate and up to date. We and our suppliers and agents neither commit nor guarantee the relevance, accuracy, presentation or use, or suitability of our products to any specific use. Such information and suggestions shall not be deemed to grant any patent license or any other intellectual property right. We cannot guarantee that the use made of our products, information and suggestions will respect the intellectual property rights of other third parties. Customers shall use our products, information and suggestions at their own risk and we will therefore not accept any liability whatsoever for any such above-mentioned accounts.

Application:

- Anti-aging creams and serums
- Hydrating lotions and cream
- Sensitive skin products

Formulations Advices:

Hydration of the product is necessary, add into hot water and mix for 20 min.
Level use: 0.5 – 1.5%

Regulatory Status:

No applicable

Physic-Chemical Properties:

| | |
|------------------|---------------|
| Appearance | Powder |
| Color | Yellowish |
| Odor | Slightly Odor |
| Ceramide Content | Min. 41% |
| Loss on drying | Max. 30% |

**These values indicate typical specification; they are not intended to be used as product specifications.*

Additives:

Preservatives: No applicable

Shelf Life / Storage Conditions

Keep in cool, dry, well ventilated area away from incompatible substances. 24 months of shelf life. Keep containers tightly closed.

Packaging:

5 kg/ box

Distributed by Cospatech LLC – 3470 NW 82 AVE – SUITE 770 – 33122 FLORIDA – USA – Ph: +1-305-499-9572 Fax:+1-305-499-9577 – info@cospatech.com

We have made reasonable efforts to ensure that the information and suggestions regarding the statement of ingredients and conditions for use of our products is technically and scientifically accurate and up to date. We and our suppliers and agents neither commit nor guarantee the relevance, accuracy, presentation or use, or suitability of our products to any specific use. Such information and suggestions shall not be deemed to grant any patent license or any other intellectual property right. We cannot guarantee that the use made of our products, information and suggestions will respect the intellectual property rights of other third parties. Customers shall use our products, information and suggestions at their own risk and we will therefore not accept any liability whatsoever for any such above-mentioned accounts.

