

TECHNICAL DATA SHEET

Elix-ACT CER 50

INCI Ceramide NP, Hydrogenated lecithin

CAS 100403-19-8 / 29128-87-5



SPECIFICATIONS

Appearance	White powder
Composition	50% Ceramide NP 50% Hydrogenated lecithin

GENERAL INFORMATION

Ceramides are an essential part of the cutaneous barrier. With age and external aggression, their quantity diminishes, giving way to problems such as loss of elasticity, dry skin and even the appearance of wrinkles. It is essential to create an external supply for the skin to fill the gaps.

Well-documented in terms of efficacy, the only problem with ceramides is their application. They are virtually insoluble in water, and their very high melting point makes their use extremely complicated. This encapsulation technology is the answer to easy, high-percentage formulation of ceramides.

FORMULATION AND RECOMMENDATIONS

Elix-ACT CER 50 can be incorporated into various cosmetic products such as serums, creams, lotions, oils, and masks.

It works well with other ingredients like hyaluronic acid, peptides, antioxidants and botanical extracts that enhance its benefits and improve skin texture.

Consider using mild emulsifiers and thickeners to create a pleasant texture, ensuring the formula is easily absorbed by the skin.

When formulating with Elix-ACT CER 50, consider using it in oil-based systems or as part of emulsions where the oil phase is prevalent. For products requiring water-based formulations, using suitable carriers or co-solvents might help in achieving better integration of Elix-ACT CER 50.

Recommended concentration

0.4 – 2.0 %

Solubility

Soluble in main diols commonly used in cosmetics. Possible to use in aqueous formulations with no recrystallisation risk. Soluble in oil phase.

BENEFITS

- Suitable for daily use
- Anti-aging properties
- Hydrating effect
- Skin barrier effect

APPLICATIONS

Cosmetics

- Skin Care
- Makeup
- Sun Care
- Toiletries
- Baby Care

SHELF LIFE

24 months under proper storage conditions

REGULATORY

ECOCERT / COSMOS	Approved
NATRUE	Approved