



NATURA-TEC EMULACTIVE™ W

PROPERTIES

EMULACTIVE W emulsifier is an anionic/non-ionic natural mild O/W emulsifier based on wheat protein derivative. Its structure shows excellent compatibility with the skin conferring to natural formulations a light touch with a velvety after feel.

EMULACTIVE W forms lamellar liquid crystal systems that help the delivery of active substances into the skin.

Main parameters controlling stable emulsifying performance are:

- ❖ Composition of the oil phase, the use of polar triglycerides increases the viscosity
- ❖ % of the oil phase (from 5 to 50%)
- ❖ % of the emulsifier – from 4 to 10%, at lower dosage, a co-emulsifier is suggested
- ❖ The use of a consistency agent is also recommended depending on viscosity

EMULACTIVE W emulsifier is compatible with all skin types and forms a protective film due to its long time to penetrate the skin. Therefore, it provides and maintains a high level of hydration.

EMULACTIVE W emulsifier generates fluid and slippery textures that help strengthen the skin barrier and prevent trans-epidermal water loss. It leaves the skin fresh, smooth and superbly moisturized.

EMULACTIVE W is perfectly suited for the formulations of repairing, regenerating and protective emulsion systems thanks to its ability to deliver actives and to moisture the skin maintaining a healthy balance.

In emulsion system, **EMULACTIVE W** has a high stability and can emulsified up to 50% of oils without increasing too much the viscosity.

COSMETIC APPLICATIONS

Skin care: Intensive moisturizing creams, anti-ageing creams and serum, night mask, cleansing lotion, creams for sensitive skin, body milk, lotions, hand cream.

Sun care: After sun lotion

Nail care

TECHNICAL DATA

Appearance:	Pale yellow pellets
HLB	11±1
INCI	Cetearyl Alcohol (and) Glyceryl Stearate (and) Potassium Palmitoyl Hydrolyzed Wheat Protein