

TECHNICAL DATA SHEET

BEAUTYDERM HP

INCI NAME:	Glyceryl stearate, Cetearyl alcohol, Stearic acid, Sodium lauroyl glutamate
CAS NUMBER:	31566-31-1, 67762-27-0, 57-11-4, 29923-31-7

CHARACTERISTICS

Beautyderm HP is a new generation of emulsifier. Originates in raw vegetables, OE FREE. It is able to emulsify oils and / or fats of different polarity and viscosity, even if present in high percentage. Beautyderm HP is to be included in emulsions with very wide range of viscosity, from milk to low-consistency sludge cream very solid, varying only the composition of the fat phase.

Plays a strong moisturizing action, thanks to the presence of sodium lauroyl glutamate, which thanks to the action of skin enzymes (protease), gives rise to one of the ingredients naturally present in the NMF (Natural Moisturizing Factor) through the skin, Sodium PCA. In addition, Beautyderm HP, can be used in broad ranges of both temperature and pH and in the presence of electrolytes at different concentrations. A further high quality of this emulsifier is the ability to form emulsions with very small droplets with a liquid-crystalline structure obtained in this way an extraordinary stability of the emulsion itself. Operation is simple, it is possible to work in a single step by mixing the principal oil and water, heating in a single container and upsetting in a vacuum. Does not require the use of any rheological additive.

Of natural origin, excellent emulsifying power, ease of use, strong moisturizing properties, biodegradable .

CHEMICAL-PHISICAL CHARACTERISTICS *(not to be considered as specifications)*

Appearance at 20 ° C:	solid flakes
Color:	from white to ivory
Odor:	weak characteristic
Viscosity at 20 ° C:	< 300 cps
P.to flashpoint:	> 100 ° C
Soluble:	in aqueous systems

USAGE

Beautyderm HP is an active, highly secure, is not irritating or sensitizing to the skin and eyes, making it ideal in the formulation of products for children and for intimate hygiene. Being active moisturizing and dispersant can also be used in the formulation of make-up. Its ability to give skin an elegant and attractive and nice touch, and the feeling of delicacy and emollients make the Beautyderm HP ideal emulsifier in all formulations. In addition, in the simplicity and low cost of production. Facial and body creams, body lotion and milks, and after sun creams and mud masks are the applications of Beautyderm HP.