

PROGATOR ML

skin caring emulsifier based on a natural protein formulation for the use in cosmetic lotions
art.nr. 0049

Product:

PROGATOR ML is a skin caring emulsifier system based on a natural protein formulation. It was especially designed to formulate natural low-viscous cosmetic emulsions. Its high interface activity leads to excellent emulsifying abilities even at low dosage rates. **PROGATOR ML** shows some important benefits:

- ◇ Easy to use
- ◇ Claimable as e.g. milk based
- ◇ Able to reduce the rich and fatty skin feeling of emulsions based on pure natural oils
- ◇ Versatile formulation range
- ◇ Synergistic effects with low molecular weight emulsifiers

PROGATOR ML is a unique system of hydrolysed milk proteins with polysaccharide-based stabilisers being very kind to the skin.

Due to its high emulsion capacity this emulsifying system for O/W-emulsions is highly recommended for the processing of low-viscous cosmetic lotions.

PROGATOR ML has little foam activity and is non-irritating to eyes. This makes it especially interesting for the use in skin care products for babies and children.

PROGATOR ML derives from natural, bio-renewable resources and is readily biodegradable.

Ingredients (INCI):

Sodium Citrate, Hydrolyzed Milk protein, Magnesium Stearate, Xanthan Gum

Natural Emulsifier

Recommended Dosage: 1 – 3 %

Appearance: cream-coloured powder, heterogenous dry blend of particles in powderform with different particle size and bulk density. Partial segregation due to vibrations is possible. To be safe please mix the product before using!

pH-value (1 % sol., 20 °C): 7 – 8

Chemical-analytical Data

Dry matter (102 °C): > 93 %
Ash (825 °C): 13 -23 %

Microbiological Data in CFU

Total microbial count
Bacteria < 1000/g
Moulds < 1000/g

Aerobic Spores
< 100/g

Packaging 20 kg Hobbock

Storage dry
room temperature

Stability 18 months in the original closed packaging