

MASSOCARE PEG30 PHS

DESCRIPTION

MASSOCARE PEG30 PHS is a **non-ionic polymeric w/o emulsifier** for cosmetics applications, to be used as single emulsifier at low dose both in creams or milks with light skin feel. It's a block copolymer of Polyhydroxystearic acid (hydrophobic group) and Polyoxyethylene oxide (hydrophilic group).

INCI NAME

PEG-30 Dipolyhydroxystearate



PRODUCT SUMMARY

- **Physical appearance:** Brown to yellowish waxy paste
- **Function:** Polymeric w/o emulsifier, HLB: 5.0 - 6.0
- **Applications:** All purpose skin care creams and lotions, colour cosmetics, sun care products
- **Use Level:** 1.0% - 2.0% (in oil phase)

FEATURES & BENEFITS

- Single **w/o emulsifier** (HLB 5-6)
- Gives excellent **temperature stability**, even at 50°C, in liquid or low viscosity w/o emulsions
- Affords **high loading of water** and can be combined with a **broad range of oils**
- Permits **semi-cold emulsification** by direct method adding slowly water to the oil phase, homogenisation is always needed and is recommended to fix well time and speed used
- Forms **very stable emulsions** with high content of **pigments**, like sun care formulations (physical sunscreens) and make-up's
- Delivers **emolliency** and allows the formulation of emulsions with **very light/non-greasy** skin feel, **broad viscosity range** and superior **stability**

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