

SABOWAX B 25

A non-ionic, oil-in-water emulsifier. Ideal for a wide range of cosmetic formulations thanks to its **excellent electrolyte and pH tolerance**.

Thanks to its excellent emulsifying capacity and lamellar structure promotion (**liquid crystal emulsions**), it is suitable for formulations ranging from lightweight lotions to thick, cushiony creams.

INCI name: Beheneth-25

CAS number: 26636-40-8 / 69227-20-9

OVERVIEW

Solid ethoxylated fatty alcohol which is versatile across personal care segments.

Used at 1-5% in hot-processed formulations it imparts excellent stability to O/W emulsions. Compatible with anionic, cationic, and non-ionic surfactants it contributes to skin moisturization and skin active delivery.

- **NOI (ISO 16128):** 0
- **IECIC Listed** and **Annex 14** available
- **REACH:** registered

TECHNICAL CHARACTERISTICS

- **Appearance:** white flakes
- **HLB:** 15,6
- **Concentration of use:** 1-5% depending on formulation structure

FUNCTIONS

- Excellent emulsifying power for high oil phase content (up to 40-50%)
- Promotes liquid crystal emulsions (especially when combined with behenyl alcohol)
- Visual aspect of the final emulsion: shiny, creamy and lustrous appearance
- Enhances the perception of richness and hydration without greasy afterfeel

FORMULATIONS

- Milk
- Thick emulsion
- Transforming textures (e.g. gel-to-oil)

APPLICATIONS

- Skin Care
- Hair Care and conditioning
- Hair Dyeing
- Cleansing milks
- Baby Care
- Men's Care
- Antiperspirant/Deodorant
- Depilatory products
- Sun Care
- Foundations



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