

SABODERM DOE MB

An ether-based emollient delivering light skin feel, good spreading, and sensory balance, supporting mattifying effects and emulsion stability and pH-robust formulations.

INCI name: *Dicaprylyl Ether*

CAS number: 22766-83-2

OVERVIEW

SABODERM DOE MB is a low-viscosity ether emollient designed to improve the **sensory performance** of cosmetic formulations.

It provides good spreading properties with a weak greasy character, contributing to a **light** and comfortable skin feel.

Thanks to its **low refractive index**, it supports the development of formulations with a more matte and less shiny appearance, making it suitable for **mattifying** and soft-focus products.

Its low polarity contributes to improved compatibility within the oil phase and can support **emulsion stability**, particularly in systems where phase balance and sensory lightness are required.

Thanks to its ether-based chemical structure, SABODERM DOE MB shows excellent chemical stability across a **wide pH range**, making it suitable for formulations exposed to extreme acidic or alkaline environments.

- **NOI (ISO 16128):** 1
- **Certifications:** RSPO MB
- **REACH:** registered
- **IECIC Listed** and **Annex 14** available

TECHNICAL CHARACTERISTICS

- **Appearance:** clear, almost colourless liquid
- **Refractive index:** 1431-1435
- **Polarity:** low
- **Spreading value** (mm²/10 min): 900 - Fast
- **After-feel:** dry and light

FUNCTIONS

- **Emolliency:** softens and smoothens skin, lips and hair
- **Sensory** modifier
- Oil phase **lightener**

FORMULATIONS

- Emulsions
- Anhydrous formulations (oils, lipogels, sticks)
- Lightweight leave-on products

APPLICATIONS

- Hair Care
- Skin Care
- Sun Care





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