

# SABODERM MLC MB

Versatile alpha hydroxy acid polar ester suitable for skin care, hair care, makeup, and toiletries.

**INCI Name:** *Myristyl Lactate*

**CAS No.:** 1323-03-1

## OVERVIEW

- Thanks to its particular structure (medium-chain fatty alcohol and lactic acid), this medium thickness ester smoothens and softens skin and hair with a lubricious and velvety feel without imparting oiliness and/or greasiness.
- Its low melting point creates a fresh sensory experience upon application, while the presence of lactic acid, a key component of the Natural Moisturizing Factor (NMF), makes SABODERM MLC MB a unique and multifunctional ester.
- **NOI (ISO 16128):** 1
- **Origin:** locally produced (Italy)
- **IECIC** listed and **Annex 14** available

## TECHNICAL CHARACTERISTICS

- **Appearance:** clear liquid (at 40 °C); wax (melting point 30-34 °C)
- **Refractive index:** 1,4464
- **Polarity:** high
- **Certifications:** RSPO MB, COSMOS
- **Concentration of use:** similar to other emollient esters used in emulsions, oils, lipogels, anhydrous formulations, hot pours, pressed or loose powders. 0.1-0.5 in toiletries.

## FUNCTIONS

- Emolliency: softens and smoothens skin, lips & hair
- Conditioning for the hair and the skin
- Toiletries: superfatting agent, improves foam creaminess, thickener
- Penetration enhancer

## FORMULATIONS

- Emulsions
- Oils and Lipogels
- Anhydrous formulations
- Detergents
- Hot pours
- Pressed or Loose Powders

## APPLICATIONS

- Skin Care
- Hair Care (delayed and non-delayed rinse off)
- Lip Care
- Colour Cosmetics
- Detergents



**SABO S.p.A.**

Registered Office · Via Caravaggi 9, 24040 Levate (BG) Italy  
Administrative Headquarter · Viale Albini 12 · 24121 Bergamo (BG) Italy  
T. +39 035596000 · F. +39 035594400  
[personalcare@sabo.com](mailto:personalcare@sabo.com)

**[sabo.com](http://sabo.com)**