

## LANOLIN OIL and WAX

L A N O L I N

Animal-friendly, Sustainable Materials

# Ecolano™



NFC Character

Lanolin is produced from the multi-stage refining of wool grease, a natural, renewable raw material that is obtained from the scouring (washing) of raw wool. Lanolin is an environmentally and animal-friendly raw material and widely used in personal care and pharmaceutical products. It consists of a highly complex mixture of esters of aliphatic alcohols, sterols and fatty acids.

### Product Line ~OIL and WAX~

Product name	INCI	Color (Gardner)	Drop Point (° C)	Acid Value	Packaging (kg)	CAS No.
LIQUID LANOLIN	Lanolin Oil	max. 9	Cloud Point (° C) 10 – 20	max. 2	17, 195	70321-63-0
LIQUID LANOLIN with low pesticide	Lanolin Oil	max. 9	Cloud Point (° C) 10 – 20	max. 2	195	70321-63-0
HARD LANOLIN (Ecolano LH)	Lanolin Wax	max. 6	43 – 51	max. 2	16, 177	68201-49-0



Please feel free to contact me if you need further information.

## Feature ~OIL~

LIQUID LANOLIN is the oil-soluble part collected from cosmetic grade lanolin. It is a yellow to an amber colored viscous liquid. LIQUID LANOLIN, having the same chemical structure as lanolin, has the same basic properties as those of lanolin; emolliency, emulsification, and moisturizing. Besides, it improves solubility in mineral oil and absorption by the skin and hair. In particular, it has excellent pigment dispersibility and imparts emollient properties and shine/glossiness to lipsticks. Liquid Lanolin is perfect for lotions, creams, shampoos, hair-care products, bath oil, baby oil, and cosmetic preparations.



## Feature ~WAX~



HARD LANOLIN(Ecolano LH) is a pale yellow colored, semi-solid wax with a slight odor. It has similar chemical characteristics as anhydrous lanolin. HARD LANOLIN is used in a wide variety of cosmetic formulations such as lipsticks, hair care, creams, and lotions. It is used to improve consistency and stability, particularly at high temperatures. HARD LANOLIN is also used for polishing purposes in industrial applications such as in shoe, floor and furniture polishes, and also used in printing inks and carbon papers because of its emulsifying power, ability to improve consistency and inhibit crystallization of other waxes.

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