

# Vivanolin™ L-101

## Lanolin Derivative

**Chemical Name:** Mineral Oil and Lanolin Alcohol.

**Product Description:** Vivanolin™ L-101 lanolin derivative is a multi-sterol extract containing only select lanolin sterols and higher alcohols in their free form only. These extracts are complexed with mineral oil.

Vivanolin™ L-101 lanolin derivative is 100% active. It is supplied as a pale yellow liquid.

**Typical Properties:** Physical properties are listed below and indicate typical values and properties; they are not intended to be used as product specifications.

Appearance at 25°C	Pale yellow, viscous liquid
Odor	Mild, sweet
Moisture, % wt.	<0.2
Acid Value, mg/g	0.8
Saponification Value, mg/g	1.5
Color, Gardner	3
Melt Range, Class II, °C	40-46
Hydroxyl Value, mg/g	13
Ash, % wt.	<0.2
Specific Gravity @ 25°C	0.85
Iodine Value	11

**Features and Benefits:**

- Oil in water emulsifier
- Excellent emollient
- Non-ionic for good ingredient compatibility
- Improves emulsion appearance

**Suggestions for Use:**

Vivanolin™ L-101 lanolin derivative is an effective oil in water emulsifier and solubilizer.

Its emolliency and non-ionic nature make it an ideal candidate for use in emulsion systems containing ionic active ingredients.

Mineral oil and lanolin alcohol is used in a wide range of prescription (Rx) and over the counter (OTC) topical products, such as creams, gel, liquid, solution, cloth, spray and soap.

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## Vivanolin™ L-101 Lanolin Derivative

Lanolin alcohol and mineral oil have been listed in the FDA Inactive Ingredient Database (IID) for topical products up to 11 % maximum potency.

Recommended use levels range from 0.5% to 5.0%, depending on application.

### **Storage and Handling:**

Vilvanolin™ L-101 lanolin derivative is packed in 177-kg drums and 45-kg pails. Material should be stored in closed containers and protected from extreme temperatures.

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