TECHNICAL DATA SHEET

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Lubrizol LifeSciences

Vivanolin[™] L-575 Lanolin Derivative

Chemical Name: Isopropyl Lanolate.

Product Description: Vilvanolin[™] P lanolin derivative is an ester of lanolin acids with isopropanol. It is 100% active, and is supplied as a yellow, buttery solid.

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	Yellow, buttery solid
Odor	Mild, characteristic
Moisture, % wt.	<0.2
Acid Value, mg/g	15
Saponification Value, mg/g	150
Color, Gardner	9
Hydroxyl Value, mg/g	45
Ash, % wt.	<0.2

Features and Benefits:

- · Excellent emollient properties
- Liquefies readily on the skin
- Soluble in oil when hot
- Mild o/w emulsifier activity
- Excellent skin surface lubricant

Suggestions for Use:

Vilvanolin[™] P lanolin derivative is an exceptional emollient and is recommended for use in topical care products including creams and lotions applications.

Vilvanolin[™] P lanolin derivative is derived from lanolin and a synthetic alcohol. It is an easy-to-use creamy solid form. Its emolliency and nonionic nature make it an ideal candidate for use in topical products.

Recommended use levels range from 0.5% to 10.0%, 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.

 $rak{O}$ Raw material authorized by Ecocert, complying with the standard for ecological and organic cosmetics.

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