

USE AND BENEFITS OF LANOLIN IN FEMALE, SKIN AND DRY SKIN

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ABSTRACTS

Lanolin is very useful in the dry skin of the human body and the very benefits lanolin in female nipples use in the baby finding time dry skin nipples use lanolin no effect on baby moth of lanolin, whereas lanolin is very beneficial in the use of dry skin.

INTRODUCTION

Lanolin has been recommended for healing nipple traumas due to its effect on the formation of a barrier that avoids losing the natural moistness of deeper skin layers, and thus increases cellular growth; it is indicated to stimulate the healing process and pain relief. It is

adequate for absorption by the mucous membrane and/ or by ingestion. In other words, there is no need to remove it before breastfeeding Many lanolin oil products also contain humectant ingredients. Humectant ingredients pull moisture in from the air. Lanolin itself is not a humectant. It *can* trap water once skin and hair are moist, however. Lanolin is classified as an emollient and an occlusive moisturizer, which means it can slow water loss from the skin.

Lanolin is used to protect, treat, and enhance human skin. Its hydrophobic properties can help protect the skin against infections or skin irritation, as it helps seal in the moisture that is already present in the skin.

Lanolin oil is known as a which means it helps soothe dry. A 2017 study Trusted Source indicated that lanolin can reduce water lost through the skin by 20 to 30 percent.

Simply put, lanolin is extremely hydrating and can soften skin to help improve the appearance and the feel of rough, dry, or flaky areas.

Lanolin is a natural wax that is extracted from the wool of sheep. It is a byproduct of the wool industry and is obtained during the process of washing raw sheep's wool. Lanolin has been used for centuries in various applications, including medicine and skincare. Properties and Benefits of Lanolin.

PROPERTIES AND BENEFITS OF LANOLIN

One of the unique properties of lanolin is its ability to act as a natural moisturizer and emollient. It is very similar to the oils that are naturally produced by human skin, which makes it an excellent ingredient in skincare products. Lanolin can penetrate deeply into the skin to help soften and soothe it, without leaving a greasy or oily residue. In addition to its moisturizing properties, lanolin also has several other benefits. It is a natural anti-inflammatory, which means that it can help to reduce redness and irritation on the skin. It is also hypoallergenic, which means that it is unlikely to cause allergic reactions in most people. Lanolin is also a natural water repellent, which makes it an ideal ingredient in skincare products designed for use in harsh or cold climates. It can help to protect the skin from the drying effects of wind and cold, and can even help to prevent chapping and cracking. Uses of Lanolin.

USES OF LANOLIN

Lanolin is used in a wide variety of applications, including skincare, cosmetics, and industrial products. In the skincare industry, it is a common ingredient in lip balms, hand creams, and moisturizers. It is also used in baby care products, such as diaper creams and lotions. Lanolin is a popular ingredient in cosmetics, as it can help to provide a smooth and even texture to products like lipsticks and foundations. It is also used in hair care products, such as conditioners and styling creams, to help improve the texture and manageability of hair. In addition to its cosmetic uses, lanolin is also used in industrial applications. It is a common ingredient in leather products, as it can help to protect and moisturize the material. It is also used in the production of lubricants, rust-proof coatings, and textiles. Safety Considerations While lanolin is generally considered to be safe for most people, some individuals may be allergic to it. If you have sensitive skin, it is important to patch-test any skincare products that contain lanolin before using them on a larger area of your body. It is also important to note that some lanolin products may contain impurities, such as pesticides or heavy metals. To

ensure that you are using a high-quality product, it is important to purchase lanolin from a reputable supplier.

MATERIALS AND METHODS

Eight Holstein heifers in early lactation were assigned randomly to a predetermined 4-diet sequence and they were fed total mixed diets containing 0% WCS (basal), 257o WCS (WCS), 257o heat-treated WCS (HWCS) or 257o WCS with2Vo lanolin (WCS+L). WCS was heat treated with microwaves at 155 C for 20 min The eight heifers were fed according to switch-over design no. 5 of Patterson & Lucas in duplicate. Periods consisted of a 21-day adaptation period and a 16-day experimental period after which cows were switched to the next treatment. The ingredient and chemical composition of total mixed diets are presented in Cows fed individually, twice daily at 06:00 and 18:00 to yield 57o orts. Feed offered and feed refusals were recorded daily while samples of diets were also collected daily and composited weekly. Feed and refusals were dried in a forced-air oven at 65 C for DM determinations, milled and analyzed for DM, Kjeldahl nitrogen (N), fiber, ether extract (EE), calcium (Ca), and phosphorus NDF and ADF was determined according to Van Soest (1963) and Van Soest & Wine (1967). Metabolizable energy (ME) was calculated according Ingredient and chemical composition of total mixed diets (90% DM basis) Diets Item HWCS WCS + L Whole cottonseed (Vo) Heat-treated whole cottonseed (7t) Lanolin (V.) Cottonseed husks (Vo) 4.75 Luceme (7o) 30.00 Barley, rolled (V") 45.10 Cottonseed oilcake (9o) 8.20 Urea (V") 1.00 Molasses (7o) 6.80 Limestone (9o) 2.00 Mqrocalcium phosphate (%) 0.45 Magnesium oxide (7") 0.50 Salt (V") 1.00 Trace elements + vitamins Chemical analysis Crude protein Crude.



FIG OF SOURCE OF LANOLIN.

fiber Neutral detergent fiber Acid detergent fiber Ether extract Metabolizable (energy Calcium Phosphorus " Calculated Cows were milked twice daily at 05:00 and 16:00 and milk yields were recorded at each milking. Milk samples were collected every fourth day during the 16-day experimental period. Milk samples consisted of a p.m. and a.m. composite for each cow. Composite milk samples were analyzed immediately following the morning collection of each sample day.

RESULTS AND DISCUSSION

Dry matter intakes, production and composition of milk during the 16-day experimental period are presented in Table 2. D.y matter intakes did not differ significantly between treatments. In an examination of 18 trials, Coppock et al. (1987) found no significant differences in dry matter intake when WCS was included "d up to 25Vo of diet dry matter. Milk yield was increased significantly ($P < 0.05$) on the I{WCS treatment compared with the control treatment. In most studies where heat-treated soybeans were compared with raw soybeans, milk production increased significantly (P and milk fat.



FIG OF - LANOLIN CREAM.

CONCLUSON

Lanolin is a natural wax that is extracted from the wool of sheep. It has been used for centuries in various applications, including skincare and medicine. Lanolin is a natural moisturizer and emollient and has several other benefits, including its ability to act as an anti-inflammatory and water-repellent. It is used in a wide variety of products, including skincare, cosmetics, and industrial applications.

AKNOLOGMANT

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