



## P R O D U C T   D A T A

### L A N O W A X   C O S M E T I C

L A N O L I N   A L C O H O L   C O S M E T I C   G R A D E

#### I N C I   N A M E

Lanolin Alcohol

#### C A S   N o .

8027 - 33 - 6

#### S Y N O N Y M S

Wool Alcohols, Woolwax Alcohols, Alcoholes Adipis Lanae

## D E S C R I P T I O N

**LANOWAX COSMETIC** is the highly refined, unsaponifiable fraction of lanolin, composed of a complex mixture of cholesterol, lanosterol, agnosterol and their di-hydro derivatives plus straight and branched chain aliphatic alcohols with a mean molecular weight of approximately 370 Da. It is produced by alkaline hydrolysis of lanolin feedstock, followed by further refining.

**LANOWAX COSMETIC** is a pale yellow, hard, waxy solid in appearance with practically no odour and is one of the most powerful w/o emulsifying agents known. It finds uses in a wide variety of creams such as night creams, sports creams, hair creams and baby creams.

Lanolin Alcohols have been in widespread use for many years, both in pharmaceutical and cosmetic uses. Their safety is well known and they feature in a number of pharmacopoeia monographs throughout the world.

## S P E C I F I C A T I O N

Colour, Gardner	10 maximum
Acid Value, mg KOH/g	2.0 maximum
Saponification Value, mg KOH/g	10 maximum
Peroxide Value, meq O <sub>2</sub> /kg	15 maximum
Melting Point, °C	50 - 80
Loss on Drying, %	0.5 maximum
Water Absorption Capacity, %	200 minimum
Residue on Ignition, %	0.15 maximum
Cholesterol Content, % (by G.C.)	7.5 - 13.0
α - Tocopherole added, %	0.005 - 0.0075
Iron, ppm	20 maximum

**A product made for DEUTSCHE LANOLIN GESELLSCHAFT**