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Technical Data Sheet

LINOCOL - Lanolin Alcohol (cosmetic grade)

Lanolin alcohols are the most powerful surface-active natural components of wool wax products. They make up around 50% of the total weight of lanolin anhydrous, in which they are chemically bound in ester compounds.

The alcohol fraction is obtained by using an alkaline treatment on the lanolin and then removing the released soaps. It is refined further via a multi-stage molecular distillation process, which improves colour and odour. This produces a purified, semi-crystalline and practically colourless wax.

INCI NAME	Lanolin Alcohol (cosmetic grade)	
SYNONYMS	Wool Alcohols	
CAS NO.	8027-33-6	
ITEMS	APPEARANCE	Odourless yellow or amber hard smooth solid
	CHOLESTEROL CONTENT	2.0% (min)
	SOLUBILITY	Soluble in mineral oil, ethanol, chloroform aether, and toluene, Insoluble in water
	MELTING POINT, °C	45.0°C(min)
	LOSS ON DRYING	0.5%(max)
	SAPONIFICATION VALUE	12.0mg KOH/g(max)
	ASH	0.15%(max)
	ACID VALUE	2.0mgKOH/g(max)
	BENZENE	2.0PPM(max)
	PEROXIDE	20 meq/kg(max)
STORAGE	Keep in the cool place.	