



PRODUCT DATA SHEET

Chemical product/preparation

Product number:	3010
Product name:	Wool fat
Monograph:	EP
CAS No.:	8006-54-0
EINECS No.:	232-348-6
INCI-Name:	Lanolin
Supplier:	Caesar & Loretz GmbH Herderstr. 31 40721 Hilden Tel.: +49 (0) 21 03/49 94-0 Fax: +49 (0) 21 03/49 94-300 E-Mail: info@caelo.de
Application of substance/mixture:	Ingredient for pharmaceutical drugs
CLP labeling: Regulation (EC) number 1272/2008	The substance is not classified according to the CLP regulation
REACH registration number:	The substance is exempt from REACH registration

Composition/information on ingredients

Chemical characterization

Lanolin is composed mainly of a mixture of long-chained esters, di-esters and hydroxy-esters of hydroxy-acids (ca. 32 % of the fatty acid fraction) with dihydroxy-alcohols (ca. 7 % of the alcoholic fraction). Hydrolysis generates numerous aliphatic alcohols (C14–C36), some steroles (Cholesterol, Dihydrocholesterol, Lanosterol, Dihydrolanosterol, Agnosterol, Dihydroagnosterol) and more than 100 fatty acids (C8–C41).

Physical and chemical properties

Form:	paste
Colour:	yellow
Odour:	nearly odourless
Melting point/melting range:	38-42 °C
Boiling point/boiling range:	not determined
Flash point:	238 °C
Autoflammability / self-ignition:	455 °C
Decomposition temperature:	not determined
Density:	0,935 g/cm ³ (25 °C)
Bulk density:	not determined



pH-value: not determined
Solubility in/miscibility with water: practically insoluble

General protective and hygiene measures

The usual precaution measures during handling of chemicals are to observe.

Storage

Requirements to be met by storerooms and receptacles: Tightly closed. Store at a dry place. At room temperature (+15°C to +25°C).

Specific hazards during fire fighting: No special measures required.

Disposal considerations

Product: Disposal according to local regulations as pharmaceutical waste.

Uncleaned packaging: Disposal according to the local regulations.

Transport information

Land transport according to ADR: Not classified as dangerous in the meaning of transport regulations.

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