

**Table of Content**

Facts ..... 1  
 Excipients from Cognis PharmaLine™ ..... 1  
 - Speziol® MD Pharma ..... 1  
 - Lanette® 20 PH, Lanette® W PH..... 2  
 - Speziol® GDB Pharma ..... 2  
 - Speziol® GTA ..... 3  
 About Cognis PharmaLine™ ..... 3

**Facts**

According to the World Health Organisation every fourth drug contains wrong pharmaceutical ingredients. In the past we have heard of many severe incidents caused by excipients or actives which were confused through trading and relabeling or were contaminated. It gets more and more important to invest time in finding safe sources and concentrate on high quality raw material.

Pharma-excipients in a regular drug pharma can represent up to 90 per cent of the total ingredients. Active ingredients make up only a small amount. Therefore it is even more important to be sure of a perfect quality of excipients. With the Cognis Nutrition & Health PharmaLine excipients we can guarantee a consistent high quality.

**Excipients from Cognis PharmaLine™**

**Speziol® MD Pharma**

Ph. Eur.: Glycerol Monostearate 40-55 Type I

Just at the right time the new Speziol® MD Pharma is available. Cutina® MD which was widely used in cosmetic products has recently been discontinued and substituted by Cutina® HVG for cosmetic use and Speziol® MD Pharma for pharmaceutical use. Speziol® MD Pharma is a convenient alternative to Cutina® MD / Cutina® HVG for pharma and dermocosmetic companies. It is produced according to GMP-IPEC-guidelines and all extensive documentation relevant for pharma companies is available. Speziol® MD Pharma comes in white to slightly yellowish, hydrophilic wax pellets. It is mainly used for viscosity adjustment in O/W emulsions.

Speziol® MD Pharma has a slightly different composition and manufacturing process than Cutina® MD. Please find the different glycerol values below:

Product Ph. Eur. / INCI	Monoacyl-glycerol	Diacyl-glycerol	Triacyl-glycerol
<b>NEW</b> Speziol® MD Pharma Ph. Eur.: Glycerol Monostearate 40-55 Type I	40 - 55 %	30 - 45 %	5 - 15 %
Cutina® HVG (cosmetic quality) INCI: Hydrogenated Vegetable Glycerides	37 - 39 %	45 - 50 %	approx. 10 %
Cutina® MD (cosmetic quality) INCI: Glyceryl Stearate Discontinued - for reference only!	38 - 40 %	39 - 43 %	8 - 9 %

## Lanette® 20 PH, Lanette® W PH

*Ph. Eur.: Cetostearylalcohol (type B), emulsifying*

With Lanette® 20 PH and Lanette® W PH our portfolio of self emulsifying cream bases for O/W creams has been expanded ideally. Both types are monographed under Cetostearylalcohol (type B) in the Ph. Eur. and produced according to GMP-IPEC-guidelines. The excipients are deliverable as white pellets in 20 kg bags.

### Overview of pharma-grade Lanette®-types:

	Product <i>Ph. Eur. / INCI</i>	C-chain distr. %		Sodium Lauryl Sulfate %	Sodium Ceto- stearyl Sulfate %
		C 16	C 18		
<b>NEW</b>	<b>Lanette® 20 PH</b> <i>Ph. Eur.: Cetostearylalcohol (Type B), emulsifying</i>	30	70	7 - 10	
<b>NEW</b>	<b>Lanette W PH</b> <i>Ph. Eur.: Cetostearylalcohol (Type B), emulsifying</i>	50	50	7 - 10	
	<b>Lanette N PH</b> <i>Ph. Eur.: Cetostearylalcohol (Type A), emulsifying</i>	50	50		7 - 10
	<b>Lanette E PH</b> <i>Ph. Eur.: Sodium Cetostearyl Sulphate</i>	< 4			> 90

## Speziol® GDB Pharma

*Ph. Eur.: Glyceryl Dibehenate*

Speziol® GDB Pharma is a pharma-grade excipient available at a very attractive price and designed for a wide variety of uses such as:

- Consistency factor in cremes: use level 1-5 %
- Formation of anhydrous gels: use level 4-10 %
- Binder and lubricant in tablets and capsules: use level 1-3 %
- Lipophilic matrix or coating for sustained release tablets or capsules: use level > 10 %

Speziol® GDB Pharma is a waxy substance available in pellets or powder. It is produced under IPEC-PQG GMP guidelines and analysed according to Ph. Eur. and USP / NF monographies.



## Speziol® GTA

Ph. Eur.: Triacetin

Speziol® GTA (Glycerol Triacetat / Triacetin) is a solvent suitable for various forms of pharmaceuticals.

It is manufactured according to GMP-guidelines at Cognis Nutrition & Health and is a high quality and very well documented pharma-excipient.

The transparent liquid Speziol® GTA is used as a solvent and carrier for a variety of active pharmaceutical ingredients. Its low volatility and high dissolving power makes this solvent unique. In the manufacturing of tablets Speziol® GTA can be used as a solvent for colour coatings. In addition, its hygroscopic character makes it to a plasticiser as well.

Triacetin in cosmetic and technical quality is available under the trade name Ede-nor® GTA. It is widely used in the perfume industry and in different kinds of decorative cosmetics like lipsticks or nail polish.



## About Cognis PharmaLine™

Cognis high-quality PharmaLine™ excipients can be used for topical, oral, parenteral and other applications as:

- tableting aids
- solubilizers and solvents
- consistency factors
- emulsifiers
- emollients
- cream bases
- suppository masses
- moisturizers etc. in solid, semi-solid and liquid pharmaceutical dosage forms

### PharmaLine™ benefits:

- Analysis according to original current Pharmacopeia methods (EP, USP/NF and / or JP) performed on each batch
- Manufacturing according to IPEC – PQG GMP guidelines
- Extensive purity data determined for each batch (microbiology, aflatoxins, heavy metals, pesticides)
- Proprietary service, e.g. US Drug Master Files (type IV), TSE-, GMO-certificates, audits



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