

**BIOglide is:**

- ✓ Medical Device Class I
- ✓ Water-soluble and oil-free
- ✓ Economical and effective
- ✓ Condom compatible
- ✓ Dermatologically and clinically tested
- ✓ Adjusted to the pH-value of the vaginal flora
- ✓ Without synthetic fragrances, colors and preservatives
- ✓ Manufactured and tested without animal experiments
- ✓ Tested by Ökotest with excellent ratings. Test result: Compact sexuality 2009

**BIOglide with natural ingredients means:**

**Glycerin:** The used pharmaceutical glycerin is made from purely vegetable origin and is approved by the European Union as food additive under designation E 422.

It is kosher and GMO free. It is manufactured from rapeseed (cultivation in Germany), as a by-product of biodiesel extraction.

The glycerin is sustainable because it is made of renewable resources, while the whole plant and all by-products are processed.

Glycerin forms a sliding film on the skin and moisturizes it at once.

Glycerin supports preservation of all BIOglide types.

**Flavors:** All used flavors are purely natural. The ingredients are either food safe or tested by the "Flavor and Extract Manufacturers Association" (FEMA) and safely classified as flavoring agent (GRAS). The flavors are in accordance with general provisions of the "Lebensmittel-, Bedarfsgegenstände- und Futtermittelgesetzbuch" (LFGB) of the Federal Republic of Germany, as well as legal regulations, including the EC Directive 88/388/EC, the flavors Regulation of the Federal Republic of Germany and Regulation (EC) 1334/2008, according to the current version at date of issue.

**Preservation:** Two pure herbal components of the preservative system are tested according to ECOCERT and are approved for use in natural cosmetics (Levulinic Acid, Sodium Levulinate).

**Sodium Lactate:** The natural sodium lactate is based on lactic acid. It is produced by fermentation of sugar. It stabilizes the pH and acts humectant and moisturizing. It is approved for organic food.

**Xanthan Gum:** As vegetable thickening agent, the biopolymer xanthan gum is used. It is produced by fermentation. Xanthan is approved as a thickening agent for organic food. The dietary fiber is not metabolized in the body.

**Ginseng:** The used herbal Panax Ginseng Root Extract is produced by alcohol / water distillation. It is used in **American BIOglide plus Ginseng**.

**Carrageen:** The biopolymer used in BIOglide safe Carrageenan is gained from red algae. It forms a film on the vaginal mucosa, which can prevent the HPVirus from entering human cells where it could cause cervical cancer. The virus-inhibitory effect of carrageenan is approved by international studies.

Various links to scientific articles:

<http://www.plospathogens.org/article/info%3Adoi%2F10.1371%2Fjournal.ppat.0020069>

1 »PLoS Pathogens« (2, e69, 0001-0010) 2 »Nature Medicine« (Volume 13 – 7, pp 857, July 2007)

*Carrageenan is an exceptionally potent infection inhibitor against HPVirus  
Carrageenan as a natural barrier*

[http://www.wissenschaft.de/home/-/journal\\_content/56/12054/1024631/](http://www.wissenschaft.de/home/-/journal_content/56/12054/1024631/)

[http://home.ccr.cancer.gov/connections/2010/vol4\\_no2/news.asp](http://home.ccr.cancer.gov/connections/2010/vol4_no2/news.asp)

Carrageenan is approved as binder and thickening agent for organic food

## Ingredients of individual variants:

### **BIOglide neutral / BIOglide anal:**

Glycerin, Aqua, Sodium Lactate, Xanthan Gum, Levulinic Acid, Sodium Levulinate

### **BIOglide strawberry / BIOglide cherry**

Glycerin, Aqua, Sodium Lactate, Xanthan Gum, Levulinic Acid, Sodium Levulinate, Aroma

### **American BIOglide plus Ginseng:**

Glycerin, Aqua, Sodium Lactate, Xanthan Gum, Levulinic Acid, Sodium Levulinate,  
Panax Ginseng Root Extract

### **BIOglide safe:**

Glycerin, Aqua, Sodium Lactate, Carrageenan, Xanthan Gum, Levulinic Acid, Sodium Levulinate

## Natural Product – Standard approved by BDiH means:

BIOglide is registered as class I medical device under current German and EC law. Until now it was not legally possible to achieve a certification for medical devices which is similar to organic food and natural cosmetic products.

In 2014, the new seal "Natural Product - Standard approved by BDiH" has been introduced. BIOglide received this seal as the first product, because the naturalness and the individual components meet the high demands of the BIO-market requirements. The user also has the safety of high quality requirements for medical devices.

## For BIOglide sustainability means a positive ecological balance:

Ecological-aware consumer culture can be lived even in lovemaking.

The majority of erotic products are from Far East.

JOYDIVISION international AG willingly focusses on manufacturing in Germany, this is related to keeping transport routes short and maintaining the business location Germany. Sustainable acting and voluntary engagement in the field of climate change are a matter of course for JOYDIVISION®. Unavoidable CO<sub>2</sub> emissions in production and transport are balanced by a climate protection project in Bolivia.

JOYDIVISION® invested there in reforestation of native tree species with added social and environmental value. So this is a benefit for the climate as well as for biodiversity and the native inhabitants.