Product Overview

BIOGRUND

Easy, fast and reliable application with BIOGRUND products. For accelerated process times and always reproducible results.

Film Coating

Choose **BIOGRUND's** ready-to-use film coating products to improve the film coating of tablets, capsules, granules and pellets. The broadest range of polymers can be used to find the optimal tailor-made solution.

Coloring

Color makes the difference. Choose **BIOGRUND's** coloring products for a unique appearance of your products. Deagglomerated and homogeneous powder compounds and pigment blends provide always reproducible results.

Sugar-coating

To coat tablet cores with a liquid sugar-suspension has been known for decades. Choose **BIOGRUND's** sugar-coating products to improve and accelerate the sugar-coating process. The ready-to-use powder can be offered in the conventional version with sugar, or sugar-free with Isomalt.

Excipients

BIOGRUND offers high quality excipients for the pharmaceutical and nutritional industry. Cellulose ethers are always on stock. Easy-to-use excipient mixtures (e.g. polishing/anti-sticking agents), waxes for hot melt coating and cleaner for hot melt extrusion complement our product portfolio.

Tableting

Capsule filling

A hard tablet with low friability is a challenge for every producer of pharmaceutical or nutritional products. Choose **BIOGRUND's** pelletizing products to improve the production process. Free flowing binders, sustained release formulations, lubricants and fully formulated tableting and capsule filling systems for best results. For filling and closing of hard gelatin capsules excellent ingredient premixes are available to achieve a smooth filling process.

Welcome to **BIOGRUND**

We assist the pharmaceutical and related industries in the development and production of solid oral dosage forms. We help our customers improve running production processes and cooperate with them in the research for new solutions.

Our unique excipient premixes optimize the production and processing of particles, granules, pellets, mini-tablets, tablets, soft and hard capsules. We support you with assistance in the development, optimization, production, documentation and technical service.

The guiding principle of our daily work is to provide products and processes that are always “easy, fast & reliable.”

BIOGRUND’s excellent film coating products are one-step coating systems for pharmaceutical and nutritional applications. They always give best assistance with all film coating activities. The ready-to-use, dry powdered compounds are easily soluble in water or organic solvents. We develop high-quality film coating systems that always enable reproducible results.

With our flow agents, lubricants and binders, your tablet and capsule production can be optimized easily. Customizing the formulation to your specific tablet core has been our daily business since 1999.

BIOGRUND only uses raw materials of highest and consistent quality. The innovative ready-to-use products are tailor-made formulated and color matched for your needs. We always keep an eye on current industry issues and trends (such as regulatory changes, use of pigments, natural ingredients, certifications, clean label, etc.).

The implemented management (ISO 9001) and environmental (ISO 14001) system as well as the EXCiPACT™ certification standard for pharmaceutical excipient suppliers, allow us to work with a high standard of production. Legally correct, ethical and socially responsible actions and behavior are a matter of course for us.

EXCiPACT™ TRUST CERTIFIED.

BRONZE | Top 35%
ecovadis
Sustainability Rating
SEP 2025

Film Coating

AquaPolish®
Fast soluble

Film forming polymers are HPMC, HPC and other selected cellulose ethers; aqueous or organic solvent application. Customized formulation with synthetic or natural colors. Available without titanium dioxide.
Quality: P | F *

AquaPolish® C

Contract manufacturing of your registered composition, in a ready-to-use film coating compound.
Quality: P | F *

AquaPolish® E
Enteric, gastric juice resistant

Formulated with the appropriate polymers (acrylic acid copolymer, HPMC AS or sodium alginate), pigments and additional excipients; soluble >pH 5.5; aqueous or organic solvent application.
Quality: P | F *

AquaPolish® G
Glossy, fast soluble

Film forming polymers are HPMC, HPC and other selected cellulose ethers; aqueous application; contains pearlescent pigments for a high aesthetic value of your product.
Quality: P | F *

AquaPolish® HS
High solid content, high speed production

Film forming polymers are **METHOCEL™** Premium VLV and other selected cellulose ethers; aqueous or organic solvent application.
Quality: P | F *

AquaPolish® MS
Moisture sealing, fast soluble

Film forming polymers are HPMC, HPC and other selected cellulose ethers with hydrophobic excipients; aqueous or organic solvent application.
Quality: P | F *

AquaPolish® OM
Odor masking

Seals the unpleasant smell of active ingredients. Film forming polymers are HPMC, HPC and other selected cellulose ethers with odor masking ingredients; aqueous or organic solvent application.
Quality: P | F *

AquaPolish® PVA
Flexible, fast soluble

Film forming polymers are PVA and HPC; aqueous application.
Quality: P | F *

AquaPolish® PRO
Flexible, moisture barrier

Immediate release film coating with moisture barrier effect to prevent solid dosage forms from taking up humidity. Highly flexible. For a smooth tablet surface and a cost efficient manufacturing process.
Quality: P | F *

AquaPolish® SR
Sustained release

Film forming polymer is a selected ethyl cellulose with pore formers; or Ammonio Methacrylate Copolymers (Type A, Type B); film with sustained release function is insoluble in body fluid; organic solvent application.
Quality: P | F *

Various AquaPolish® systems are available free of titanium dioxide, talc, palm oil, synthetic polymers and colors. For pharmaceutical and nutraceutical applications. #reformulation #customized

*Qualities: P = for pharmaceutical products, F = for food supplements / nutritionals

Sugar-coating

AquaPolish® STA
High solid content,
fast application, fast soluble

Film forming polymer is a selected modified starch; aqueous application.

Quality: P | F *

AquaPolish® TC
Taste covering

Film forming polymers are HPMC, HPC and other selected cellulose ethers with taste masking ingredients; aqueous or organic solvent application.

Quality: P | F *

BonuLac®
Enteric, gastric juice resistant, moisture sealing

Film forming polymer is natural shellac; dry powder; soluble in hot water; gastric juice resistant (>5% weight gain, soluble >pH 6.0); aqueous application.

Quality: P | F *

NutraPolish® Organic
Fast soluble, clear coating, organic certified

For an improvement in appearance and finish of nutritional supplements (such as extracts, minerals or vitamins). Simple and fast aqueous application. Certified with the EU- and US Label for organic food.

Quality: F *

DE-ÖKO-039

IsuPolish®
Sugar-free sugar-coating

Ready-to-use compound; based on Isomalt, pigments and other selected excipients; providing sugar-free and accelerated process; first choice for smooth and glossy appearance.

Quality: P | F *

IsuPolish® G
Sugar-free sugar-coating, glossy

Ready-to-use compound; based on Isomalt, mineral and non-artifical Candurin® pearl effect colors and additional excipients; high aesthetic value; providing sugar-free and accelerated process.

Quality: P | F *

IsuPolish® FSC
Film-sugar-coating

Ready-to-use powder blend; based on Hypromellose, Isomalt or sucrose, pigments and additional excipients; high speed application by using a continuous spray process; provides excellent taste and odor masking characteristics as well as moisture sealing capacities and aesthetic appearance.

Quality: P | F *

IsuPolish® S
Conventional sugar-coating

Ready-to-use compound; based on saccharose, pigments and other selected excipients; first choice for smooth and glossy appearance.

Quality: P | F *

Tableting

Capsule filling

CompactCel®
Dry binder

Dry binder granulate with optimized flowing properties. An easy-to-use tableting premix for direct compression. Increases the hardness and improves the friability of the tablet. Quality: P | F *

The dry binder premixes are also available as **CompactCel® natural** and **CompactCel® organic**. Based on fine selected natural ingredients the systems support clean label strategies for nutrional products. The organic composition is certified with the EU- and US-label for organic food.

Quality: F *

DE-ÖKO-039

CompactCel® SIL
Dry binder

Granulated, homogeneous dry binder premix for direct compression. Additionally it provides flowing aid (glidant) properties and superior adsorptive capacity.

Quality: P | F *

CompactCel® DIS
Disintegrant
natural/organic

Based on natural and/or certified organic ingredients, this disintegrant premix for direct compression can be used for replacing synthetic excipients like crosslinked polymers, crosscarmellose sodium or sodium starch glycolate. It is suited for the use in tablet, capsule and granule formulations. To correspond to the requirements of a fast release dosage form, CompactCel® DIS enables a rapid break-up of solid oral dosage forms when they come into contact with moisture.

Quality: F*

CompactCel® LUB
Lubricant

The premix decreases friction at the interface between tablet and die wall, reduces wear on punches and prevents sticking to punch faces. It replaces unwanted artificial lubricants, which are often the cause of many problems in solid oral dosage forms. For the filling/closing of hard gel capsules it acts as an excellent lubricant to achieve a smooth filling process.

Compositions including only natural ingredients (plant-based, gluten-free, vegan) are also available.

Quality: P | F *

CompactCel® FIL
Filler for hard capsules

The filler is ideal for adjusting the volume for capsule filling and is characterized by optimal flow properties.

Based on natural/organic ingredients, the formulations are ideally suited to replacing synthetic fillers and thus serving the consumer trend towards a natural ingredients list (clean label).

Quality: F *

CompactCel® FLO
Flow aid, glidant

Separating agent which loosens up powder blends and improves the flowability. Prevents formation of bridge during flow from hopper and delays in feeding the powder to the tablet press or capsule filler. The excipient premix is free of silicon dioxide and therefore suitable for clean label products. Available in natural or organic food quality.

Quality: P | F *

CompactCel® MAB
Moisture/Oil absorbent

Moisture absorbent: Dry compound of ingredients for less problems due to humidity in the powder blend. Superior moisture absorbent properties to prevent clumping of the powder before and during the tableting or capsule filling process. Acts loosening and improves the flowability of the blend.

Oil absorbent: Dry compound of ingredients for oil absorbent. The high absorbent properties are used to make oily substances suitable for the tableting or capsule filling process. Prevents clumping of the powder oil blend.

Depending on project requirements CompactCel® MAB can be based on synthetic ingredients or natural/organic food raw materials (silica free, for clean label).

Quality: P | F *

Coloring

CompactCel® TC
Taste covering

Neutralizing agent for bad tasting actives. The easy-to-use powder compound masks undesired tastes in the tablet mass and is an effective solution to neutralize poor tastes in uncoated tablets. Formulation components can be customized modified.

Quality: P | F *

CompactCel® SR
Sustained release

Specific cellulose premix to control the drug release from matrix tablets, pellets, granules. Several viscosities and particle sizes for different drug solubilities and loads are available.

Quality: P | F *

BonuTab®
Premixed tablet/encapsulation formulation

Excellent customized excipient premix. The fully formulated tableting/encapsulation compound exists of e.g. filler, binder, glidant, lubricant, pigment/dye. These ingredients contain the necessary characteristics to produce an effective and high-quality solid oral dosage form. Benefits: Easy handling and processing, economic savings and higher productivity because it's a ready-to-use tailor-made system.

Quality: P | F *

USDA ORGANIC

TopMill®
Coloring agent

Homogeneously colored pigment mixture that simplifies the coloring of liquids and powders. It is a unique, dry-milled and deagglomerated mixture of colorants with additional additives. Developed for the coloration of solid oral dosage forms (e.g. tablet cores, capsules) or liquids (e.g. film coating suspensions).

Quality: P | F *

TopMill® G
Pearlescent, coloring agent

This ready-to-use coloring premix provides a homogeneous solid-colored product. It is a unique, dry milled blend of Candurin® pearl effect colors with additional excipients. The widely approved mineral colors are based on natural silicate combined with or free of titanium dioxide and/or iron oxide and give your tablets a brilliant and unique appearance.

Quality: P | F *

Excipients

BonuCel®
Cellulose ethers

Fine, homogeneous blends of selected cellulose ethers to achieve desired properties (i.e. viscosity, retarded and controlled release, etc.).

Quality: P | F *

BonuWax®
Polishing, antisticking agent, hot melt coating

For polishing: Fine, homogeneous mixture of bee wax and carnauba wax. Polishing agent for a shiny surface of sugar-coated tablets. Excellent glossy finishing.

For anti-sticking: For soft gelatine capsules, BonuWax® provides high stable anti-sticking properties (effective separation) with excellent transparency and enhanced mechanical stability/flowability during processing and packaging.

For hot melt coating: The ready-to-use excipient premix for hot melt coating is a water & solvent free application and provides good moisture sealing, taste masking and stability for granules and particles.

Quality: P | F *

HME Cleaner Plus (GMP)
Hot melt extrusion

A purge compound for hot melt extrusion terminates difficulties to clean the extruder after processing.

Quality: P*

BIOGRUND

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General Information on BIOGRUND

Since 1999, **BIOGRUND** has been the specialist for the homogeneous mixing of excipients and carriers. With locations in Germany, Switzerland, America and Russia, we support the food supplement and pharmaceutical industry in the development, formulation and production of solid oral dosage forms. The tailor-made and ready-to-use special powder mixtures for film coating, sugar-coating, coloring and tableting enable optimum results in a short time. Easy, fast and reliable!

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