

An easy-to-use
lubricant which
is suitable for clean
label products?
Why not!

No increase in tablet disintegration
time, no decrease of tablet
hardness, prevents punch filming.



Product Information CompactCel® LUB

BIOGRUND's one-step lubricant premix **CompactCel® LUB** enhances the flow of tablet production by reducing friction between particles at the interface between the tablet and the die wall. The lubricant reduces wear on punches and prevents sticking to punch faces. Furthermore **CompactCel® LUB** is also suitable for filling and closing hard gelatin capsules to achieve a smooth filling process.

When tableting processes are required it is always a challenge to find the right amount of lubricant for the blended powder formulation. By using a too low content of lubricant it may cause punch filming during the compaction in the tableting machine. By using too much the tablet hardness or the tablet disintegration times could be negatively impacted. These effects occur particularly when magnesium stearate is used.

Therefore, the non-toxic **CompactCel® LUB** is formulated with ingredients which prevent these side effects. It provides a good lubrication without influencing the requirements of the tablet and a fluent compression process will be achieved. The premix is available in different formulations,

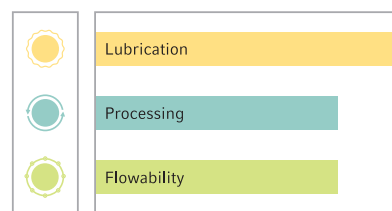
depending on individual tablet requirements for pharmaceutical and nutritional applications.

CompactCel® LUB can be used to replace magnesium stearate, which is often the cause of many problems with solid oral dosage forms, to reduce undesirable side effects to a minimum. It can also be considered as an alternative to stearic acid.

For a direct compression process **BIOGRUND** recommends using 0,5–2% **CompactCel® LUB** within the core formulation to achieve best results. Just add it to the tablet formulation shortly before the tableting process. For the wet granulation process it has to be added after the granulation process.

CompactCel® LUB can be used for nutritional and pharmaceutical applications and is developed to meet the official regulatory requirements of the user's country.

Product Performance



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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