An easy to use tableting agent which acts as dry binder and lubricant? Why not!

Improves tablet hardness, no increase in tablet disintegration, prevents punch filming.
Product Information
CompactCel® LUB

BIOGRUND’s one-step binding agent CompactCel® LUB combines the properties of a dry binder and lubricant. It’s a micronized and homogeneous powder compound.

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 lubricant too rarely it may cause punch filming during the compaction in the tableting machine. By using too much lubricant it could decrease the tablet hardness or increase the tablet disintegration times. These effects occur particularly when magnesium stearate is used.

Therefore, the micronized CompactCel® LUB is formulated with ingredients which prevent these side effects. It provides a good lubrication without influencing the requirements of the tablet. A fluent compression process will be achieved. Also for the filling and closing of hard gelatin capsules it acts as an excellent lubricant to achieve a smooth filling process.

For direct compression process BIOGRUND recommends using 0.5–2% CompactCel® LUB within the core formulation to achieve best results. Just add it to the powder compound 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

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<th>Lubrication</th>
<th>Compaction</th>
<th>Hardness</th>
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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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