

Betapol[®] Select

Premium infant lipid solution that closely mimics
the natural balance in Chinese mother's milk fat

Let's create together



www.bungeloders.com



A next generation innovation inspired by human breast milk's natural variations

Betapol® Select is a premium lipid ingredient for infant milk formula that is inspired by natural variations in the composition of human breast milk.

Betapol® Select is Bunge Loders Crokiaan's first product line that mimics the fat composition of Chinese mother's milk.

Breastfeeding provides babies with the best start in life, but when breastfeeding is not an option choosing the right infant formula is key for babies' healthy growth and development.

Research in infant nutrition made us understand that macronutrients in human breast milk vary – not only with lactation stages, diurnally, and within feeds, but also regionally. These regional

differences are influenced by the mother's origin and diet. Our new solution combines the benefits of Betapol® with the OPL and OPO balance naturally present in Chinese mother's milk fat.

The right OPL-OPO balance

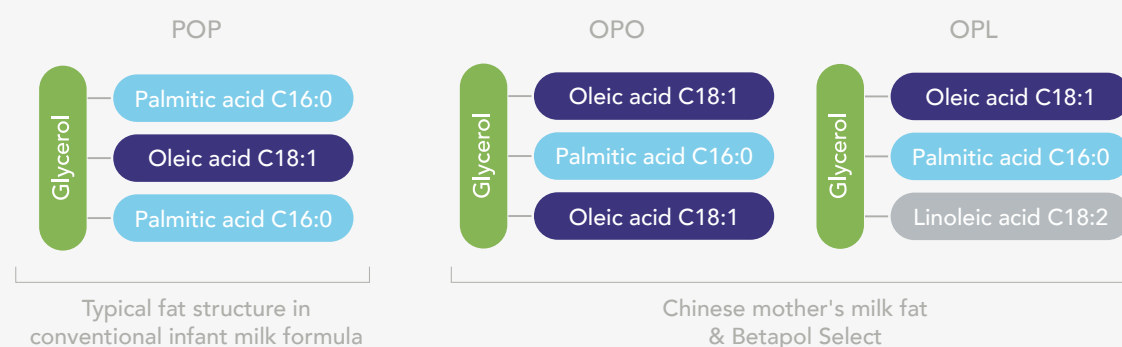
OPL and OPO are uniquely structured lipids that are naturally present in mother's milk. Palmitic acid in the center SN-2 position has been clinically proven to have multiple benefits.

Regional differences in mothers' milk

Recent research into mother's milk has shown regional differences. In Western mothers' milk fat, OPO is the most prevalent triglyceride, followed by OPL. In Chinese mother's milk, it is the other way around: the fat composition contains a higher level of OPL, followed by OPO. To mimic this balance, Betapol® Select provides a high level of SN-2 palmitate with the right combination of OPL and OPO triglycerides.



Difference in fat structure



Betapol Select portfolio

As the inventor of the OPO category with over 30 years of experience in Infant Nutrition lipids, Bunge Loders Crokiaan's fats and oils are essential for formula manufacturers to reach the highest standard in terms of nutrition, safety, and quality.

Betapol® Select is a high SN-2 palmitate product which mimics the fat composition of Chinese mother's milk by getting closer to the OPL– OPO balance that is naturally present in Chinese mother's milk fat:

- **Betapol® Select Base:** concentrated OPL-OPO products with SN-2 palmitate levels ranging from 55% to 75%
- **Betapol® Select Blends:** ready-to-use oil blends with high SN-2 palmitate levels and OPL-OPO ratios naturally found in Chinese mother's milk



IMPROVED
ENERGY INTAKE



HEALTHY GUT
BACTERIA



REDUCED
CONSTIPATION



REDUCTION OF
CRYING



BETTER NIGHT
SLEEP



INCREASED BONE
MINERAL DENSITY