

geo poland

Infant Nutrition





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Mission statement

To create and offer innovative products of high nutritional value and assured quality which will satisfy the nutritional needs of infants and small children.

Strategy

The Geo-Poland's strategic objective is to develop and expand its business activities through new markets, products and consumers, and to meet their needs with innovative, convenient and high-quality products.



Historical perspective

- 1935** A company called 'Motor Alkaloida' is established in Kutno, Poland. This company produces a morphine based products.
- 1951** Polfa Kutno - a state-owned pharmaceutical enterprise is established in place of 'Motor Alkaloida'.
- 1974** Polfa Kutno starts production of the first product for children – multivitamin food supplement. Shortly after, protein-based products for children and infants are being developed and produced.
- 1990** Polfa Kutno commences cooperation with Mead Johnson Nutritionals and starts production of baby milk powder under the license of the American company.
- 1992** The Geo-Poland company is established in its current form in Poznań, Poland. In the next years Geo-Poland develops rapidly and becomes an international trading company, exporting Polish dairy products worldwide.
- 2000** The infant nutraceuticals agreement with Mead Johnson Nutritionals is dissolved. Polfa Kutno stops production of baby milk powder.
- 2001** Geo-Poland acquires the production facility in Kutno from the previous owner – Polfa Kutno.
- 2002** Geo-Poland starts development of its own and new baby milk powder formulations.
- 2004** Completion of the registration of the Geo-Poland's production facility and start of production of baby milk powder in 400g metal tins in Kutno.
- 2005** Launch of the Mami Lac infant milk in Poland.
- 2006** First export of baby milk powder to Middle East and Africa.
- 2008** The company starts export of baby milk powder to China.
- 2009** Geo-Poland's facility is certified against ISO 22000:2005 and GMP international standards and implements HACCP system (Hazard Analysis and Critical Control Points).
- 2014** Second production line for 900g is installed and launched in the production facility in Kutno.
- 2017** Acquisition of new production facilities, warehouses and laboratories in Kutno from Teva Pharmaceuticals, resulting in tripling of the available production capacity.
- 2019** First export of baby milk powder to Latin America.

The company today

Geo-Poland is a 100% Polish, privately owned family company producing and distributing baby milk powder worldwide in more than 20 countries.

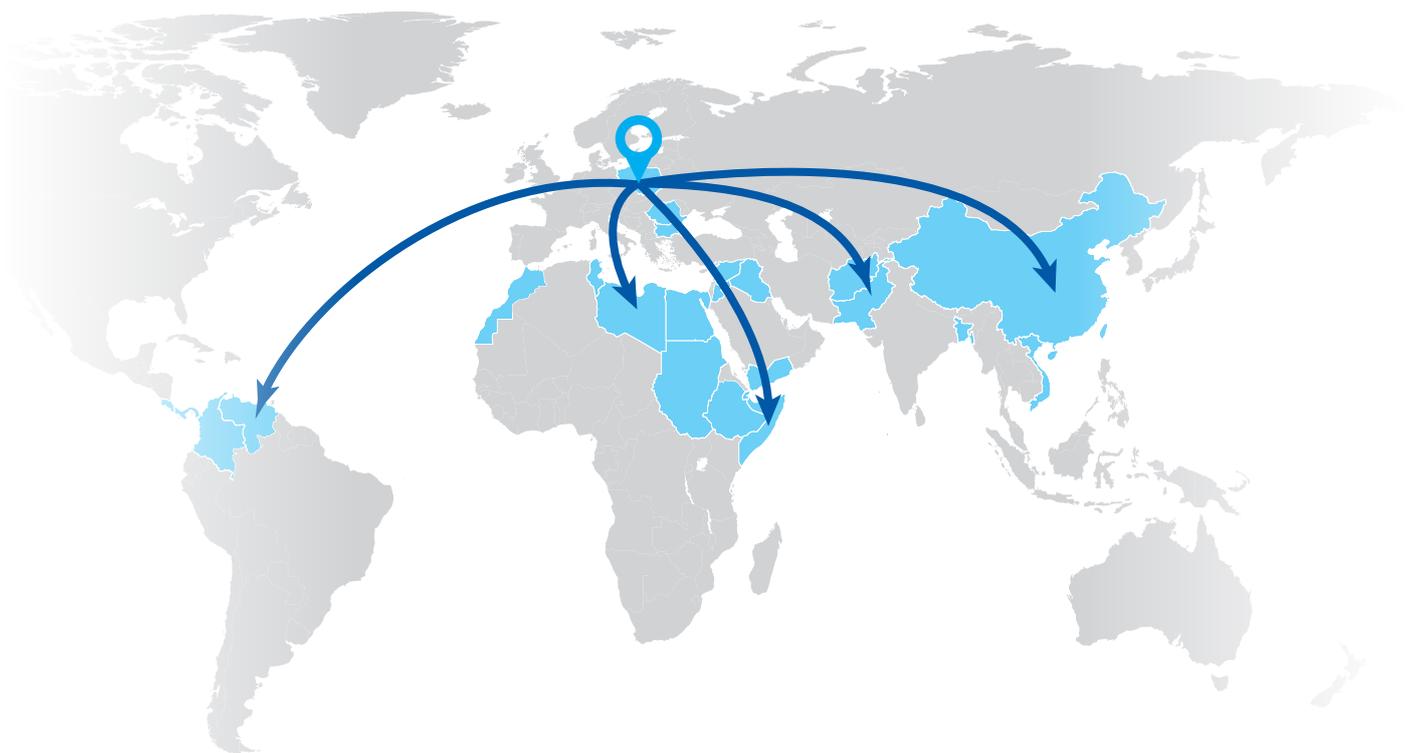


The company's international presence is determined by the trends and requirements of each particular market and constitutes the source of inspiration and the basis for the business plans. The trends and requirements of the international markets influence not only the development and promotion of Geo-Poland's products, but also distribution policy and overall strategy.

Geo-Poland is a global supplier of the highest quality products, always focused on individual needs of regional and local markets.

Geo-Poland's products are exported to the following countries:

- China
- Egypt
- Sudan
- Yemen
- Qatar
- Syria
- Iraq
- Afghanistan
- Pakistan
- Tunisia
- Libya
- Vietnam
- Lebanon
- Somalia
- Bulgaria
- Bangladesh
- Jordan
- Romania
- Ethiopia
- Morocco
- Panama
- Venezuela
- Columbia
- Palestine
- Costa Rica





Facilities and infrastructure

The state-of-the-art manufacturing facility in Kutno is located in the heart of Poland and operates on the most up-to-date mechanical equipment in Europe.

The factory in Kutno allows production of various baby milk powder ranges of the highest quality for infants and small children, ensuring compliance of the final products with the strictest industry standards and legislation.

The facility is equipped in two production lines: for 350 – 400 g (Ø 99 mm) and 800 – 900 g (Ø 127 mm) metal tins.

Geo-Poland uses technologically advanced equipment for the quantitative analyses and quality control of baby milk powder, as well as for the processing of qualitative and production data. The company's

three well-equipped laboratories are also located in Kutno:

- Physical
- Microbiological
- Physio-chemical

The laboratories are used for the quality control of all the raw materials and final products, as well as product development and Geo-Poland's research and development activity in various fields.





Quality policy

Geo-Poland has always been confronting modern challenges for quality and safety in the field of infant nutrition.

Within the frame of contemporary quality and safety requirements, besides the design, deployment, application and maintenance of the Food Quality and Safety System in compliance with ISO 22000:2005 International Standard the company also operates under the procedures and requirements posed by **Hazard Analysis and Critical Control Points (HACCP) and Good Manufacturing System (GMP)**.

Using its contemporary industrial facilities, state-of-the-art laboratory equipment and, above all, highly trained, experienced and committed human resources to operate them, Geo-Poland designs, develops, produces and distributes baby food suitable for consumption from birth onwards.

At the same time, Geo-Poland acknowledges its responsibility against all involved social parties, consumers and employees for compliance with pertinent legislative requirements applicable under its scope of activities, including occupational hygiene and safety and environmental awareness. Geo-Poland is committed to fulfil bilaterally approved agreements with industrial and retail customers, always in strive for continuous improvement.

To ensure the highest possible quality assurance, Geo-Poland not only uses own laboratories, but also cooperates with the

best, independent and most well-known third-party laboratories in Europe.

All of the suppliers of the raw materials (including packaging) are audited by Geo-Poland on a regular basis and all the deliveries of all the raw materials used for the production must be accompanied by the certificates of analysis issued by the suppliers.

Regardless of the certificates issued by the suppliers, all the raw materials used in the production facility in Kutno are tested in laboratories by Geo-Poland for microbiological purity, which must meet the highest standards of infant nutraceuticals.

Additionally, the production process and compliance with the European Union legislation is constantly monitored by:

- Polish sanitary authorities (District Sanitary-Epidemiological Station in Kutno)
- Polish veterinary authorities (District Veterinary Inspection in Kutno)

Both institutions carry out inspections at the facility, collect samples of final products and raw materials.



Research & development

Apart from the quality assurance, the Geo-Poland's laboratories are used for the research and development purposes.

Since 2008, Geo-Poland has participated in many research and development programs funded by the Polish Ministry of Science, The National Centre for Research and Development and the European Union, resulting in innovative products, analytical techniques and patents.

Throughout the last 10 years, Geo-Poland has developed in-house over 120 different formulations of infant milk, catering for needs of individual customers and markets. The experience in the field of infant nutrition allows the company to

develop new products and cope with food legislation in different countries around the world.

The research and development activity is not only focused on the infant nutrition. Geo-Poland has developed an innovative ingredient, obtained from milk which was proven (in a clinical trial conducted by Geo-Poland) to have positive influence on human cognitive functions and help to prevent neurodegenerative diseases such as Alzheimer's disease.

The production technology of the ingredient is subject to Geo-Poland's patents.





PRODUCTS

Main features and advantages

The main features of the Geo-Poland's products:

- made of the highest quality ingredients coming mainly from Poland, the Netherlands and Germany,
- very good solubility,
- powder without lumps (of appropriate low moisture),
- natural and milky taste,
- 100% compliance with the European Food Safety Authority (EFSA) recommendations published in August 2014 regarding the composition of infant and follow-on formulae,
- balanced amount of proteins especially set to suit specific needs of each age group.

Geo-Poland's baby milk contains all the necessary vitamins, for example:

- vitamins A, C and D, supporting the immune system,
- vitamin D essential for development of strong bones,
- vitamin K, helping to build strong bones and contributing to cardiovascular health,
- folic acid supporting functioning of the nervous system and brain.

All the products contain many micro and macro minerals, including:

- iron, copper and selenium, important for the immune system,
- calcium, essential for development of the skeletal system and teeth,
- zinc, helping infants to grow.

The adequate phosphorus and calcium ratio is preserved in all the products, which not only influences positively skeletal growth and maintenance, but is also needed for many cellular processes, such as energy production, i.e. adenosine triphosphate (ATP).

The amino acid profile of Geo-Poland's milk is in accordance with the reference amino acid pattern of breast milk suggested by the European Food Safety Authority (EFSA). α -linolenic (Omega 3) and linoleic (Omega 6) acids, present in all the formulations, are true essential fatty acids, which means they must be obtained from food, because the body can't produce them. The acids are themselves vital as a building block of other brain fats. Therefore, these acids are crucial for brain and nerve tissue development.

Thick metal is used for production of the tins making them more durable. Solid carton boxes used for packaging allow easier handling and distribution and are perfectly suitable for overseas transportation.

All the ingredients are tested in the laboratories before production. Each tin coming out from the Geo-Poland's factory is individually inspected before being put into the carton box. Before shipment, the products are thoroughly tested by Geo-Poland and third-party laboratories. Full traceability is ensured.

Mami Lac[®]

Mami Lac product range is characterized by the highest quality, excellent taste and very good solubility. At the same time, the Mami Lac products are priced competitively and therefore suitable for the majority of the markets worldwide.



Mami Lac 1

Infant Milk

For infants from birth to 6 months of age



Mami Lac 2

Follow-on Milk

For infants aged 6 – 12 months



Mami Lac 3

Growing-up Milk

For children aged 1 to 3 years

Mami Lac[®] Extra Care

Premium baby milk with DHA, AA and GOS (prebiotic).

Prebiotics (galacto-oligosaccharides) included in the Mami Lac Extra Care milk are derived from milk and are very similar in terms of the core structure to oligo-saccharides found in breast milk, making the product very suitable for both infants and small children. The prebiotic strengthens infants' natural immunity. They facilitate growth of beneficial bacteria and, at the same time, protect the young organism against excessive growth of harmful bacteria.

The products contain DHA (Docosahexaenoic acid) and AA (Arachidonic acid) which are present in breast milk and support the complete and balanced nutrition of a child.



Mami Lac 1

Infant Milk

For infants from birth to 6 months of age



Mami Lac 2 Extra Care

Follow-on Milk with DHA, AA and GOS

For infants aged 6 – 12 months



Mami Lac 3 Extra Care

Growing-up Milk with DHA, AA and GOS

For children aged 1 to 3 years

NutriBaby®

Baby milk with GOS (prebiotic).

Prebiotics (galacto-oligosaccharides) included in the NutriBaby milk are derived from milk and are very similar in terms of the core structure to oligosaccharides found in breast milk, making the product very suitable for both infants and small children. The prebiotic strengthens infants' natural immunity. They facilitate growth of beneficial bacteria and, at the same time, protect the young organism against excessive growth of harmful bacteria.



NutriBaby 0 (PREMATURE)

Premature Milk with GOS

For premature and low birthweight infants



NutriBaby 1

Infant Milk with GOS

For infants from birth to 6 months of age



NutriBaby 2

Follow-on Milk with GOS

For infants aged 6 – 12 months



NutriBaby 3

Growing-up Milk with GOS

For children aged 1 to 3 years

Laktowit®

Mid-range baby milk powder with GOS, DHA and nucleotides.

Laktowit brand was created in 1970s and is the oldest Polish brand of baby milk, now fully owned by Geo-Poland. In 2016, based on the years of experience, Geo-Poland's R&D designed the formulation of Laktowit series from scratch, to align it with all the current trends and regulations applicable to feeding infants and toddlers.

There is no palm oil included in Laktowit baby milk which results in reduced amount of saturated fats in the product.

Laktowit offers great quality at reasonable price.



Laktowit 1

Infant Milk with GOS, DHA and nucleotides
For infants from birth to 6 months of age



Laktowit 2

Follow-on Milk with GOS
For infants aged 6 – 12 months



Laktowit 3

Growing-up Milk with GOS
For children aged 1 to 3 years

BoboMoly®



Hosland®



Private label

Geo-Poland offers private label and contract manufacturing services for companies in the infant formula industry. The production capacity of the factory is sufficient for large international orders, but Geo-Poland also offers services for the development and production of relatively small volumes.



Certificates

Geo-Poland has implemented and maintains GMP - Good Manufacturing System, Codex Alimentarius, taking into account the Hazard Analysis and Critical Control Points (HACCP).

Geo-Poland also implemented Food Safety Management System in compliance with the requirements of ISO 22000:2005.

Since 2009, the highest quality of ma-

nufacturing process and factory equipment have been validated by Bureau Veritas – the independent, international certification company, which holds the Accreditation Certificate issued by the Polish Center for Accreditation.



Awards



In 2015 one of the most popular newspapers in Poland – Rzeczpospolita – recognized Geo-Poland as the “Export Eagle” (“Orzeł Eksportu”), awarding the company for being one of the best exporters in the country.



In 2015, 2016 and 2017 Forbes Magazine awarded Geo-Poland the Diamond prize for being the most quickly developing company in the region.



In 2018 Geo-Poland was awarded the Gazela Biznesu 2018 prize by the Polish magazine Puls Biznesu. The company was recognized for being on the most dynamically developing Polish companies in years 2015-2017.





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