



# Specialized Nutrition

Nourishing life,  
every step of the way

**Cargill**







# Nourishing the world in a safe, responsible and sustainable way, so our customers, communities and planet can thrive.



## Hello, welcome to Cargill

We are a family company committed to providing food, ingredients, agricultural and bio-industrial solutions that are vital for living.

With approximately 160 years of experience, we sit at the heart of the global supply chain, giving us a unique position and ability to truly make our food system more sustainable, resilient and transparent.

Through our strategic partnerships and insight-led innovation we help businesses grow, people flourish, and protect our planet – today, and for generations to come.

## From land to consumer hands

Being at the heart of the world's food system gives us a competitive advantage, as we have full transparency over the end-to-end production of safe, responsible, and more sustainable nutrition ingredients.



# Nourishing the planet



## Our ambition is to have more sustainable food supply chains in the world.

From small family farms to global shipping lanes, Cargill works every day to implement new sustainable practices to reduce our impact on the planet and protect people around the world. Through our long history, we have seen agriculture be part of the solution to the world's most urgent challenges.

Our sustainability goals enable us to address climate change, conserve water and forests, while meeting the rising demand for food.



### Climate

- Reduce greenhouse gas emissions in our operations by **10% by 2025.**
- Reduce greenhouse gas emissions in our supply chain by **30% per ton of product sold by 2030.**



### People

- Promote and respect human rights as outlined in the Universal Declaration of Human Rights.
- Provide training on sustainable agricultural practices and improve access to markets for 10 million farmers by 2030.



### Land & water

- Transform our agricultural supply chains to be deforestation-free by 2030 and by 2025, deforestation-free in soy in three biomes (Amazon, Cerrado, and Chaco).
- Achieve sustainable water management in our operations and all priority watersheds.



# Nourishing life, every step of the way

From supporting the healthy development of tiny newborn babies through to the healthy aging of loving grandparents, no matter who they are or where they are on their journey, our nutrition ingredients nourish life every step of the way.

## Specialized Nutrition

### Contents

- Early Life Nutrition..... 6
- Active Lifestyle Nutrition..... 8
- Medical Nutrition..... 11
- Dietary Supplements ..... 12
- Product portfolio..... 13
- Partnering with us..... 14



# From new life to longevity

We understand the role of nutrition and the positive impact your products have on keeping our growing population healthy. We are your trusted partner in co-creating nature-inspired, science-proven solutions that make a real difference to people’s health and well-being at every stage in life.



# Early Life Nutrition

Nourishing lives from their earliest moments

**The initial 1,000 days, which include maternal, infant, and toddlerhood phases, are crucial for optimal development.**

Nutrition during this early life period not only shapes the immediate physical and cognitive growth but also develops a vital foundation for lifelong health. In short, it's essential for a healthy start in life.

For customers who are seeking the safest, highest quality ingredients, our Early Life Nutrition products are designed to provide essential macronutrients, and support healthy growth and development from conception to toddlerhood.

We offer ingredients that meet infant-grade standards, ensuring the highest level of safety and contaminant requirements, providing you with nutrition you can trust.

*Superiority of breastmilk: Cargill supports and acknowledges that breastfeeding is the safest, best and most adequate natural nutrition for infants. If breastfeeding is not possible, infant formula is there to provide a suitable alternative, after consulting with your healthcare provider.*



# From conception to first steps

Our essential and health-promoting solutions to nourish early life development.



## Maternal nutrition

Whether trying to become pregnant or nursing a newborn baby, nutritional needs change at every stage of a maternal journey. That's why we offer solutions that deliver throughout the prenatal, pregnancy and lactation phases. Our portfolio of ingredients include probiotics, phospholipid-bound choline, and omega 3s.



## Infant nutrition

Our infant nutrition solutions support babies from the moment they are born to their first birthday. Whether it's for infant milk, special formula or baby foods, our portfolio of ingredients include a broad range of infant grade oils, nutritive carbohydrates, omega 3 and 6 (DHA and ARA), and much more.



## Toddler nutrition

Once they're on their feet, there's really no stopping them! Toddlerhood comes with many adventures, that's why it's important to keep their nutrition levels topped up, keeping them strong and resilient on the go. Our solutions for this space include vitamin E, plant-based proteins, and dietary fibers.

## Health benefits



### Brain

Nourishing cognitive development and curious little minds.



### Immunity

Nourishing immunity defense for healthy, happy babies.



### Gut & digestion

Nourishing happy tummies for comfortable digestion.



### Growth & development

Nourishing individual growth and supporting the transition to solids.

## Other benefits



### Close to nature

Pioneering cutting-edge technology is enabling us in our progress towards the gold-standard breast-milk.



### Safety

Our ingredients are fully traceable making us your trusted partner in ELN products.



# Active Lifestyle Nutrition

Nourishing healthy active lives throughout adulthood

**Sports nutrition was traditionally focused on performance athletes, but its scope has evolved to a broader active lifestyle nutrition category, as mainstream consumers of all ages enter the category.**

Although gym enthusiasts and athletes continue to make up the majority of this category, a new wave of mainstream consumers is emerging. These individuals who engage in recreational activities, are turning to products that support their active lifestyle with the aim of maintaining their overall health and well-being.

Our goal in this category is to provide essential nutrients to support increased energy demands, rapid recovery, and sustained performances.

The exciting growth in Active Lifestyle Nutrition is unlocking many innovation opportunities, from the creation of in-demand plant-based alternatives to the next on-the-go formats. We offer a comprehensive portfolio of essential nutrients, such as fibers, proteins, carbs and lipids, as well as health-boosting ingredients, including botanicals and probiotics.



# From sports nutrition to active lifestyle nutrition

## Sports performance

Athletes driven by endurance and performance demand trustworthy, high-quality nutrition. Their requirements have transitioned from solely nutrition aimed at muscle development and rapid recovery, to include cognitive sharpness and gut balance. This shift has paved the way for exciting new innovations in this category.

## Active lifestyle

From energetic youngsters and teenagers to active Baby Boomers and Millennials, mainstream consumers are taking a proactive approach to nourish their bodies and minds. Whether they're seeking an energy boost or weight control, our comprehensive portfolio — including fibers, carbohydrates, and proteins - empowers you to craft functional beverages, bars, and powders that offer holistic benefits.



## Health benefits



### Mobility

Nourishing muscle, bone and joint health, to keep people strong and moving.



### Immunity

Nourishing immune defense, to keep people active and feeling their very best.



### Gut & digestion

Nourishing microbiome and digestion, to ensure optimal nutrient absorption.



### Metabolic

Nourishing cardiovascular health, by maintaining lipid, cholesterol and glucose levels.



### Brain

Nourishing cognitive alertness and mental well-being, for improved focus, sleep and mood.

## Other benefits



### Reduced sugar/calories

To help you formulate active nutrition products, low in sugar and calories, we offer a range of carbohydrates.



### Plant based

To meet active consumer needs to fuel their muscles, stay in good shape, and limit impact on the planet we offer range of plant proteins.

A photograph of two women running on a sandy beach. The woman on the left is older with long, wavy grey hair, wearing a grey turtleneck sweater and dark boots. The woman on the right is younger with long, wavy brown hair, wearing a white cable-knit sweater and blue jeans with a tear at the knee. They are both smiling and holding hands, running towards the left. The background is a soft-focus view of the ocean and sky.

# Healthy Aging: Nourishing support to stay healthy for longer

## Adding years to life and life to years.

As the world ages, the importance of nutrition in promoting physical, cognitive and overall well-being becomes even more important. Life expectancy is increasing and people want to live longer, active lifestyles in better health with a focus on ‘adding years to life and life to years’.

Nutrition plays a key role in living a higher quality ‘vital’ life. At Cargill, we are advocating for seniors to lead an active lifestyle in which nutrition plays a key role to support optimal health and well-being. That’s why we offer a comprehensive range of essentials and health-promoting solutions that deliver functional benefits.

## Health benefits



### Immunity

Nourishing immune system and general health and well-being.



### Metabolic

Nourishing cardiovascular health, by maintaining lipid, cholesterol and glucose levels.



### Gut & digestion

Nourishing healthy stomachs and digestion as diets change in later years.



### Mobility

Nourishing aging muscles, bones and joints for ease of movement.



### Brain

Nourishing mental sharpness and delaying cognitive decline.



# Medical Nutrition

From nourishment to health condition support

## Nourishing recovery and quality of life

Patients around the world, of all ages from young to elderly, need nutritional support during treatment, regardless of the severity of malnutrition or the health condition they're managing.

Medical nutrition products are formulated to meet the specific nutritional needs of patients that cannot be met through a normal diet alone. These products focus on providing nourishment and functional health benefits rather than treating the medical condition directly.

We offer a comprehensive range of essential medical nutrition, that includes plant-based proteins to counter muscle mass loss (such as sarcopenia) and carbohydrates to serve as fuel for energy and muscles. Specifically, our low glycemic index (GI) and slow-release carbohydrates can help maintain healthy blood glucose levels and improve insulin resistance.

Our plant-based, label-friendly offerings deliver cleaner, more sustainable nutrition, whilst ensuring better taste and texture for patients worldwide.

### Patient segments

#### Mild malnutrition

Nourishment for those with poor appetites, difficulty swallowing and chronic disease. Our nutritional ingredients provide the fuel and energy they need to keep strong and nourished during this time.

#### Critical care nutrition

Nourishment for those with severe malnutrition due to critical illnesses, receiving intensive care treatment or recovering from major surgery. Our solutions support dietary management during this time and help keep their bodies nourished.

#### Disease specific nutrition

Nourishment for those with disease specific nutritional needs, such as diabetes or cholesterol management. Our solutions support their specific dietary requirements and keep them feeling well.



# EpiCor® Postbiotic

The next evolution in  
immune and gut health



## The future of healthy living starts in the gut

The positive effects our microbiome can have on our health, brain, digestion and immune system is becoming ever more evident. Our purpose in Specialized Nutrition is to nourish life, every step of the way, and our experience with ingredients like EpiCor® postbiotic is proof we deliver on our commitment.

### Differentiate with EpiCor® Postbiotic

EpiCor® is an innovative, science-backed postbiotic clinically shown to support immune health. Derived from the fermentation of *Saccharomyces cerevisiae* (baker's yeast), EpiCor® contains a beneficial mix of metabolites and numerous other health-enhancing bioactive compounds. This complex ingredient has an epic origin story and a track record of success as the focus of 15 published studies. Not only that, but EpiCor® is also the #1 postbiotic ingredient, having been formulated into more products than any postbiotic on the market.

EpiCor® is an extremely stable ingredient. Due to the fact that EpiCor® is an inanimate ingredient, EpiCor® offers increased stability and consistency as compared to more familiar immune ingredients such as probiotics.

### EpiCor® postbiotics can be used in the following:

- Capsules
- Tablets
- Gummies
- Lozenges
- Powders
- Liquids














**#1 postbiotic ingredient**  
**15 published studies**  
**75 years of fermentation expertise**





# Our product portfolio

Our products are formulated to address consumers' unique nutritional needs; from maternal health, baby's first 1000 days, to supporting active lifestyles, healthy aging, and medical nutrition.

		Early Life	Active Lifestyle	Medical
Health Benefit Platforms		 Immune  Brain  Growth  Gut	 Immune  Brain  Mobility  Gut  Metabolic	 Malnutrition  Metabolic
Essentials (Macro & Micro Nutrients)	Fibers	Soluble Fibers**   Insoluble Fibers	Soluble Fibers**   Insoluble Fibers	Soluble Fibers**   Insoluble Fibers
	Proteins	Plant-based Proteins   System Solutions***	Plant-based Proteins   System Solutions***	Plant-based Proteins   System Solutions***
	Oils & Lipids	Omega 3,6,9   Phospholipids   Vitamin E Infant Grade Oils	Omega 3,6,9   Phospholipids   Vitamin E Phytosterols   Plant-based Oils	Omega 3,6,9   Phospholipids   Vitamin E Phytosterols   Plant-based Oils
	Carbohydrates	Starches   Nutritive Carbohydrates	Starches   Nutritive Carbohydrates   Low/No Calorie Sweeteners   System Solutions	Starches   Nutritive Carbohydrates
Health Promoting	Botanicals		Polyphenols*	
	Biotics	Probiotics*	Probiotics*   Postbiotics	Probiotics*

\* Pipeline under development. Note: Pharma Grade Excipients (texturizer, stabilizer) are excluded from portfolio. Can be offered to meet customer's needs. Regional differences may apply.

\*\* Soluble Fibers also function as hydrocolloids/texturizers

\*\*\* System Solutions are innovative solutions that meet customer exact need. They are made by combining at least 2 ingredients delivering distinctive functionality that cannot be otherwise achieved with a single ingredient.

# Your partner for Specialized Nutrition innovation



**Cargill is your trusted partner in co-creating nutritional solutions that positively impact the health and wellbeing of consumers across all life stages.**

## Innovation principles

To ensure we deliver impactful solutions, we are guided by our key innovation principles:

- Consumer nutrition & health needs.
- Differentiate from market solutions.
- Backed by science.

## Ideation

Leverage our proprietary insights to steer multi-disciplinary ideation sessions, where we collaborate with you to brainstorm innovative nutrition solutions tailored to meet consumer needs and preferences.

## Rapid prototyping

We can very quickly turn a concept into a market ready product. With proven, science tested consumer benefits and clear differentiating factors for your brand.

## Scientific advisory boards

We established two scientific advisory boards (SAB) comprised of world-renowned subject matter experts in early life nutrition and healthy aging to enhance our scientific approach, leveraging their expertise to drive impactful innovation.

## Consumer-led innovation

We conduct market research to understand consumer habits and preferences, focusing on key areas such as immunity, digestive health, cognition, and mobility for adults, identifying opportunities for nutritional advancement.

## Industry collaborations

We prioritize close collaboration with industry partners and researchers. Engaging with the entire ecosystem, we strive to develop customer-relevant innovations with significant consumer impact.



# Reasons to work with us

We combine global reach with deep regional expertise and can also help you navigate markets and achieve your pricing goals.



## Trusted, science-backed expertise

Our Specialized Nutrition team is passionate and knowledgeable, blending deep category understanding with scientific expertise to bring your ideas to life. We prioritize understanding your challenges and goals, fostering a lasting partnership grounded in quality, safety, and reliability.



## Comprehensive solutions portfolio

Our diverse Specialized Nutrition portfolio supports you in nurturing life at every stage, with tailored solutions that adapt to evolving consumer needs. By creating products and brands that accompany people throughout their lives, we enhance brand equity and lifetime customer value.



## Reliable supply at scale

Our global supply chain ensures unmatched scale, quality, and safety, with full transparency from source to customer. We're dedicated to sustainably sourcing and supplying ingredient solutions that nourish life while also safeguarding the planet for future generations.



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## Partner with us

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