



## DuPont Nutrition & Health

# OUR PRODUCT PORTFOLIO

### The DuPont Advantage

DuPont Nutrition & Health delivers value to the food, beverage and dietary supplement industries through our unique blend of science, knowledge, insights, solver mindsets and broad portfolio of solutions.

- **Knowledge & Expertise:** We bring a wealth of formulation expertise and manufacturing experience to our highly collaborative customer relationships, delivering solutions and driving innovation.
- **Global Collaboration:** In addition to innovation centers, sales and production sites in more than 40 countries around the world, our global logistics network and vast international regulatory experience offer a competitive advantage for our customers.
- **Broad Portfolio:** Our wide array of products help provide for healthier, more nutritious, better tasting foods while improving production efficiencies, lowering costs and reducing waste.
- **Sustainability:** As a world leader in food ingredients, enzymes and bio-based solutions, DuPont is working on science-based innovations for reducing our operational footprint and delivering sustainable solutions throughout the value chain.

### Our Focus Areas

Across all food industry segments, we focus on three key areas:

- **Affordability & Convenience:** Our application expertise, coupled with a broad range of ingredients, state-of-the-art pilot labs, and operational know-how, help food manufacturers develop affordable, nutritious solutions to meet the demands of on-the-go consumers without sacrificing taste and texture.
- **Health & Wellness:** Our products help deliver benefits in weight management and support of healthy blood sugar levels, sports performance and muscle health, cardiovascular health and much more.
- **Food Protection:** Our products help to reduce waste & improve food safety by maintaining freshness & quality for the targeted shelf life.

# DuPont Nutrition & Health

## OUR PRODUCT PORTFOLIO

### ANTIMICROBIALS & FERMENTATES

The DuPont™ Danisco® range of fermentates and antimicrobials help reduce or eliminate unwanted microbes for increased food safety.

- Antimicrobial blends for broad spectrum control
- Fermentates (multifunctional cultured ingredients)
- Natamycin-based antimicrobials
- Nisin-based antimicrobials

#### APPLICATION AREAS

BAKERY  
BEVERAGES  
CULINARY  
DAIRY  
MEAT, POULTRY & SEAFOOD  
PET FOOD

### ANTIOXIDANTS & FLAVORANTS

Foods stay fresh longer using the DuPont™ Danisco® range of food-grade flavorants and antioxidants as singles or in combination with chelators and carriers.

- Green tea extract\*
- Optimized natural extract blends
- Rosemary extract\*
- Synthetic phenolics in liquid form
- Tocopherols
- Vitamin-based ascorbyl palmitate

BAKERY  
CONFECTIONERY  
CULINARY  
MEAT, POULTRY & SEAFOOD  
OILS & FATS  
PET FOOD

### CULTURES

Cultures offer a variety of benefits, from imparting desired flavors and textures to delaying food spoilage; some even promote improved digestive and immune health. The DuPont™ Danisco® range includes one of the most extensive collections of culture strains in the world.

- Dairy cultures
- Meat-ripening cultures
- Probiotics
- Protective cultures

BEVERAGES  
CONFECTIONERY  
DAIRY  
FOOD/DIETARY SUPPLEMENTS  
FROZEN DESSERTS  
MEAT, POULTRY & SEAFOOD  
PET FOOD  
VEGETABLES

### EMULSIFIERS

The broad and versatile DuPont™ Danisco® range of emulsifiers help manufacturers achieve the stability, mouthfeel, appearance, consistent quality and shelf life they need in their food products.

- Acetic acid esters of monoglycerides (ACETEM)
- Citric acid esters of monoglycerides (CITREM)
- Diacetyl tartaric acid esters of monoglycerides (DATEM)
- Distilled monoglycerides (DGMS)
- Lactic acid esters of monoglycerides (LACTEM)
- Lecithin
- Mono-diglycerides (GMS)
- Polyglycerol ester (PGE)
- Polyglycerol polyricinoleate (PGPR)
- Propylene glycol esters of fatty acids (PGMS)
- Sodium stearoyl lactylate (SSL)
- Sorbitan esters of fatty acids (SMS/STS)
- Specialty blends (e.g., POWERFlex®, POWERBake® and Crystallizer)

BAKERY  
BARS  
BEVERAGES  
CONFECTIONERY  
CULINARY  
DAIRY  
FROZEN DESSERTS  
MEAT, POULTRY & SEAFOOD  
OILS & FATS  
PET FOOD

\* Antioxidant regulatory claim may vary in different countries



## ENZYMES

Enzymes from the DuPont™ Danisco® range are processing aids that can help deliver better and more consistent performance, help retain original freshness, lower energy consumption and reduce water usage.

- Bakery enzymes
- Brewing and distilling enzymes
- Culinary enzymes
- Dairy enzymes
- Egg processing enzymes
- Oils & fats enzymes

### APPLICATION AREAS

BAKERY  
BEVERAGES  
CULINARY  
DAIRY  
OILS & FATS

## FUNCTIONAL CARBOHYDRATES & FIBERS

Our DuPont™ Danisco® range of functional carbohydrates and dietary fibers can be used to improve the nutritional profiles of many foods and beverages, delivering benefits for weight, wellness and digestive health while not compromising on taste and texture.

- BETAPOWER® betaine
- D-Xylose
- FIBRIM® soy fiber
- FRUCTOFIN® fructose
- Lactitol
- LITESSE® polydextrose fiber
- OSMO Aid® lactitol
- Rare sugars (L-Rhamnose, D-Mannose)
- XIVIA® sustainable xylitol

BAKERY  
BEVERAGES  
CONFECTIONERY  
CULINARY  
DAIRY  
FROZEN DESSERTS  
FRUIT PREPARATIONS  
MEAT, POULTRY & SEAFOOD  
PET FOOD  
PHARMACEUTICALS/COSMETICS

## HYDROCOLLOIDS

The array of high-quality hydrocolloids in the DuPont™ Danisco® range offers food producers flexibility in creating products with the texture and mouthfeel consumers want.

- Alginate
- Carrageenan
- Cellulose gum
- Guar gum
- Locust bean gum
- Microcrystalline cellulose
- Pectin
- Xanthan gum

BAKERY  
BARS  
BEVERAGES  
CONFECTIONERY  
CULINARY  
DAIRY  
FROZEN DESSERTS  
FRUIT PREPARATIONS  
MEAT, POULTRY & SEAFOOD  
OILS & FATS  
PET FOOD  
PHARMACEUTICALS/COSMETICS

## SOY PROTEIN

The DuPont™ Danisco® range of soy protein products help meet consumer demand for food and beverages fortified with protein, while reducing formulation costs and enhancing taste and texture.

- SUPRO® soy protein isolates and blends
- Soy protein concentrates
- Soy protein nuggets
- Textured soy protein

BAKERY  
BARS  
BEVERAGES  
CONFECTIONERY  
CULINARY  
DAIRY  
INFANT & ENTERAL NUTRITION  
MEAT, POULTRY & SEAFOOD  
PET FOOD

## TAILORED INGREDIENT SYSTEMS

The DuPont™ Danisco® range of tailored ingredient systems leverages integrated technologies to help manufacturers accelerate their business to the next level. By combining functional properties of diverse ingredients in highly specialized and synergistic ways, we help customers enhance product performance and quality, optimize time to market, reduce formulation costs and remove complexity in supply chain and inventory management.

- CREMODAN®
- Custom Blends
- GRINDSTED®
- RECODAN®

BAKERY  
BEVERAGES  
CONFECTIONERY  
CULINARY  
DAIRY  
FROZEN DESSERTS  
FRUIT PREPARATIONS  
MEAT, POULTRY & SEAFOOD  
PET FOOD  
PHARMACEUTICALS/COSMETICS

## About DuPont Nutrition & Health

DuPont Nutrition & Health combines in-depth knowledge of food and nutrition with current research and expert science to deliver unmatched value to the food, beverage and dietary supplement industries. We are innovative solvers, drawing on deep consumer insights and a broad product portfolio to help our customers turn challenges into high-value business opportunities.



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