



## CARE4U™ HUMAN MILK OLIGOSACCHARIDE FOR INFANT AND TODDLER FORMULA

The new frontier in infant nutrition

- Supplementing infant and toddler formula to make it closer to human milk
- Supporting digestive, immune, and cognitive development in infants
- Differentiating your product through unique health benefits

- Supplying the highest-purity product on the market, which allows for ease in formulation
- Providing decades of research, development, and regulatory expertise in both infant nutrition and pre- and probiotics

### SUPPORTING DIGESTIVE, IMMUNE, AND COGNITIVE DEVELOPMENT IN FORMULA-FED INFANTS

While human milk remains the best option for nourishing infants, not all parents are able to feed their babies breast milk. Scientific evidence suggests that human milk oligosaccharides (HMOs), the third-most-abundant solid component of breast milk, promote infant health by supporting digestive, immune, and cognitive development through changes to the microbiome. Research also indicates that commercially produced HMOs such as CARE4U™ can mimic some of the health-promoting effects of the HMOs present in human milk, helping to close an important gap between human milk and infant formula.

### THE MOST ABUNDANT HMO FROM A TRUSTED SUPPLIER

Of the more than 130 oligosaccharides in human milk, 2'-fucosyllactose (2'-FL) is the most abundant. At >98% 2'-FL, CARE4U™, which is produced through microbial fermentation, is the highest-purity product available on the market today, with superior powder properties that allow for ease in formulation. CARE4U™ has received regulatory approval in countries across the world; please contact us for country-specific information.

With decades of research and development experience in the area of infant nutrition, DuPont has worked with manufacturers to successfully introduce other key ingredients, such as protein and fiber, into their infant formula products. This combined with our leadership in the fields of microbiome science and pre- and probiotics make DuPont uniquely suited to guide producers of infant and toddler formula as they enter this new frontier of infant nutrition.



## CARE4U™ HUMAN MILK OLIGOSACCHARIDE FOR DIETARY SUPPLEMENTS

Ground-breaking new ingredient for immune and digestive health

- Supporting digestive and immune health
- Creating differentiation through unique synergies between HMOs and probiotics
- Supplying the highest-purity and -density HMO on the market, allowing for smaller dose size and ability to combine with other ingredients
- Offering the broadest range of clinically documented probiotics
- Providing unrivalled formulation and finished-format expertise

### SUPPORTING DIGESTIVE AND IMMUNE HEALTH

Human milk oligosaccharides (HMOs) are the third-most-abundant solid component of human milk after lactose and fats, and a growing body of evidence suggests they promote infant health by supporting digestive, immune, and cognitive development through changes to the microbiome. But their benefits may extend beyond infancy: Initial research shows support for a healthy microbiome in adults, and DuPont is uncovering ways in which the health benefits of HMOs can be used in dietary supplements (singularly or in combination with probiotics), extending the advantages of HMOs from infancy into adulthood.

### THE HIGHEST-PURITY PRODUCT AND AN UNMATCHED INNOVATION PLATFORM

More than 130 HMOs are found in breast milk, with 2'-fucosyllactose (2'-FL) being the most abundant. At >98% 2'-FL, CARE4U™, which is produced through microbial fermentation, is the highest-purity product available on the market today, with superior powder properties that allow for ease in formulation.

Through our leadership in the fields of microbiome science and pre- and probiotics, DuPont delivers an unmatched innovation platform that allows manufacturers to leverage synergies among HMOs, probiotics, and other ingredients, offering brand growth and differentiation opportunities. We also offer the broadest range of clinically documented probiotics, unrivalled dietary-supplement-formulation and finished-format expertise, and robust regulatory support to help you comply with local requirements.

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