

# Native Starches

# Label-friendly, familiar texturizing ingredients



With growing interest in familiar ingredients and simpler labels, native starches are a logical choice for texturizing and thickening. These plant-based starches are derived from sources like corn, wheat and tapioca.

Native starch offers a variety of texturizing benefits, including thickening, gelling, moisture retention and anti-staling. In addition, Cargill's growing portfolio of SimPure<sup>™</sup> functional label-friendly starches leverages the unique properties of a variety of native starches to offer performance comparable to modified starch.

### Strength in simplicity

- Simple labeling, as "starch" or the botanical source + "starch"
- **Full portfolio** of label-friendly starches from a variety of botanical sources
- **Starch formulation expertise** helps identify the right texturizing solution for your product development goals



#### Innovation, quality, reliability

Cargill offers a diverse portfolio of label-friendly starches and texturizing solutions. Together with integrated formulation and regulatory expertise, we can help you develop products with friendlier labels while maintaining quality, functionality and cost competitiveness.

| CARGILL PRODUCTS  |   |   |  |  |  |  |
|---|---|---|--|--|--|--|
|   | Key Properties  | Functional Benefits   |  |  |  |  |
| INSTANT   |   |   |  |  |  |  |
| Cargill Gel Instant <sup>™</sup><br>C*Gel Instant <sup>™</sup>  | <ul> <li>Sourced from pre-gelatinized<br/>common corn or waxy corn</li> </ul>   | <ul><li>Label-friendly texturizing and thickening</li><li>Develop viscosity without need for heat</li></ul>   |  |  |  |  |
| COOK-UP   |   |   |  |  |  |  |
| Cargill Gel™<br>C*Gel™<br>C*Cream Gel™<br>DryGel™   | <ul> <li>May be sourced from corn or tapioca</li> <li>Can offer functionality both heated<br/>&amp; cooled</li> </ul> | <ul> <li>Label-friendly texturizing and thickening</li> <li>Good gelling, moisture retention and anti-staling</li> </ul>  |  |  |  |  |
| SPECIALTY   |   |   |  |  |  |  |
| AmyloGel™   | <ul> <li>High-amylose (resistant) starch;</li> <li>50% or 75% amylose content</li> </ul>                              | <ul><li>Good film-forming, results in firm gel when cooked</li><li>Can provide digestive benefits</li></ul>   |  |  |  |  |
| FUNCTIONAL NATIVE   |   |   |  |  |  |  |
| SimPure <sup>®</sup> 99400 Series<br>SimPure <sup>®</sup> 99600 Series<br>SimPure <sup>®</sup> 99900 Series | <ul> <li>Sourced from waxy corn, tapioca<br/>or waxy tapioca</li> </ul>   | <ul> <li>Label-friendly texturizing and thickening</li> <li>Options for mild, moderate or severe processing tolerance</li> <li>Provide excellent viscosity, shelf-life stability, visual and textural sensory attributes</li> </ul> |  |  |  |  |
| SimPure <sup>®</sup> RF 92260<br>Soluble Rice Flour   | Sourced from rice   | <ul> <li>Similar appearance, texture, flavor profile to 10 DE maltodextrin</li> <li>Offers functionality in a range of applications</li> <li>In some applications, may enhance creamy mouthfeel</li> </ul>                          |  |  |  |  |

#### APPLICATIONS

| Bakery | Batters/<br>Coatings | Culinary/<br>Convenience | Dairy | Meats/<br>Substitutes | Snacks |
|--------|----------------------|--------------------------|-------|-----------------------|--------|

## Partner with Cargill for label-friendly formulation.

Contact us at 1-800-932-0544, customerservice@cargill.com or visit cargill.com.

\* There is no single definition of "non-GMO" in the USA. Contact Cargill for source and processing information.

**Claims:** The labeling, substantiation and decision making of all claims for your products is your responsibility. We recommend you consult regulatory and legal advisors familiar with all applicable laws, rules and regulations prior to making labeling and claims decisions.





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