

Vegan Cheese Ingredients





Driven by health, environmental, and animal welfare concerns, consumers are increasingly looking for vegan cheese products as a part of their diet.

It's no secret that consumers are driving significant growth in products with clean, simple ingredients. Demands for claims like natural, plant-based, and non-GMO are driving product innovations resulting in changes from pre-packaged foods to the dairy aisle. In fact, according to Mintel data, claims for "non-GMO" products rose by 6,000 percent between 2010 and 2018!

Nowhere is this consumer-driven change more apparent than in the dairy aisle where consumer demand for alternative milk is on full display. What's next? You don't have to look very far; vegan cheese is already showing signs of significant growth. In the 12 months to October 2019, vegan cheese launches accounted for 6% of new product development in North America, increasing 4% over the previous 12 months¹. And that growth is not driven by vegans alone. Many consumers are looking to moderate their intake of meat and dairy products for health and environmental reasons.

At Univar Solutions, we understand that getting out in front of the vegan cheese category isn't as simple as a quick reformulation. Even though consumers are looking for vegan cheese options, they want the taste and performance characteristics of traditional cheese. We are here to help. We have products that can enhance the taste, quality, and performance of your vegan cheese product. We have the ingredients and the expertise to help you create non-dairy cheese products that mimic dairy cheese in flavor, texture, and performance.

| PRODUCT                   | SUPPLIER               | FUNCTIONALITY                                       |
|---------------------------|------------------------|---|
| Coccount oil              | Canadill               |   |
| Coconut oil               | Cargill                | Oil for texture, mouthfeel & melting properties     |
| Palm oil                  | Cargill                | Oil for texture, mouthfeel & melting properties     |
| Potato starch             | Cargill                | Thickening, binding & gelling                       |
| Tapioca starch            | Cargill                | Thickening, binding & gelling                       |
| Modified corn starch      | Cargill                | Thickening, binding & gelling                       |
| Tricalcium phosphate      | Innophos, ICL          | Buffering and calcium fortification                 |
| Tricalcium citrate        | Jungbunzlauer          | Buffering and calcium fortification                 |
| Sodium acid pyrophosphate | Innophos, ICL          | Buffering agent                                     |
| Disodium phosphate        | Innophos, ICL          | Buffering agent, emulsifier & protein stabilization |
| Sea salt                  | Morton Salt            | Flavor & preservation                               |
| Sub4salt®                 | Jungbunzlauer          | Sodium reduction                                    |
| Salona®                   | ICL                    | Sodium reduction                                    |
| Lactic acid - vegan       | Jungbunzlauer          | Acidulant, flavor & preservation                    |
| Citric acid               | Jungbunzlauer          | Acidulant, flavor & preservation                    |
| Xanthan gum               | Jungbunzlauer, Cargill | Thickening, binding & texture                       |
| Mixed tocopherols         | Camlin                 | Natural preservation                                |
| Rosemary extract          | Camlin                 | Natural preservation                                |
| Sunflower lecithin        | Cargill                | Emulsifier & release agent                          |
| Canola lecithin           | Cargill                | Emulsifier & release agent                          |
|                           |                        |   |

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