

## SunOpta™ Skin Care Ingredients

SunOpta Ingredients focuses on transforming a variety of natural and sustainable grain and plant-based raw materials into value-added ingredients for food, beverage and personal care products. We specialize in oat fibers, soy fibers, stabilized oat and wheat bran, and specialty starches. SunOpta is the largest producer of oat fiber worldwide for the food industry.

**SunOpta's Canadian Harvest® Oat Fibers** are the perfect match for wholesome and natural skin care products. We take the hull of the oat kernel, which comes from oats grown in North America, and through a proprietary process make a food-grade insoluble fiber that can be used in skin care products. Our oat fibers can be used to control moisture and oil in products such as scrubs and as a natural exfoliant.

**SunOpta™ Organic Soy Fiber P-710** comes from non-GMO, certified organic soy beans grown in North America. This product provides a combination of protein and fiber (both soluble and insoluble) that delivers beneficial isoflavones as well as functional properties such as emulsification and thickening. Soy is currently used in many skin care products for its anti-inflammatory and antioxidant properties.

**Barley Balance™** provides a concentrated, all-natural source of beta-glucan, a fiber derived from barley crops grown on the Canadian prairies. This soluble fiber has been shown to penetrate the skin and smooth wrinkles. Scientific reports also show that beta-glucan is a film forming moisturizer.

**OptaGrade®** and **OptaMist®** are all-natural corn starches, physically modified to achieve unique characteristics. Gels formed by our starches have a creamy, smooth texture and provide significant opacity thereby reducing or eliminating the need for color such as titanium dioxide.

SunOpta's skin care ingredients are perfect for:

- Soaps
- Sugar/salt scrubs
- Masks
- Body powder
- Face powder
- Creams

**All-natural • Organic • Sustainable**



Ingredients for Success



## SunOpta™ Skin Care Ingredients

Ingredient	Description	Physical Properties/ Functionality	Use Level	Applications and Uses
Canadian Harvest® Oat Fiber	<ul style="list-style-type: none"> <li>Functional fibers from oats</li> <li>&gt; 90% fiber</li> </ul>	<ul style="list-style-type: none"> <li>Controls moisture and oil, adds bulk</li> <li>Wide range of grind sizes and water/oil holding properties</li> <li>Water holding range 200%-600%</li> <li>Oil Holding 150-550%</li> </ul>	2-3.5%	<ul style="list-style-type: none"> <li>Soap</li> <li>Sugar/salt scrubs to tie up oil</li> <li>Masks</li> <li>Body Powder</li> <li>Face Powder</li> </ul>
SunOpta™ Soy Fiber P-710	<ul style="list-style-type: none"> <li>Organic, high fiber, high protein natural binder from soy (58% fiber, 28% protein) (isoflavones 1.32 mg/g)</li> </ul>	<ul style="list-style-type: none"> <li>Natural binder</li> <li>Exhibits emulsifying properties</li> <li>Natural source of isoflavones</li> </ul>	1.5-3%	<ul style="list-style-type: none"> <li>Soap</li> <li>Sugar/salt scrubs to tie up oil</li> <li>Masks</li> <li>Body Powder</li> <li>Face Powder</li> </ul>
Barley Balance™	<ul style="list-style-type: none"> <li>Concentrated beta-glucan from barley</li> <li>(1-3)(1-4) β-glucan</li> <li>25% β-glucan (min)</li> </ul>	<ul style="list-style-type: none"> <li>Provides high viscosity at low use levels</li> <li>Natural source of beta-glucan, a film forming moisturizer</li> <li>Creamy, fat mimetic properties</li> </ul>	0.5-2%	<ul style="list-style-type: none"> <li>Creams</li> <li>Lotions</li> </ul>
OptaMist®	<ul style="list-style-type: none"> <li>Physically modified starch from corn</li> <li>For low to medium shear processing (overhead mixer, in line shear pumps)</li> </ul>	<ul style="list-style-type: none"> <li>Provides the gelling and thickening properties of chemically modified starches</li> <li>Clean and natural label (corn starch)</li> </ul>	3-5%	<ul style="list-style-type: none"> <li>Creams</li> <li>Lotions</li> </ul>
OptaGrade®	<ul style="list-style-type: none"> <li>Physically modified starch from corn (non-GMO available)</li> <li>For high shear processing (high shear mixer, blender, homogenizer)</li> </ul>	<ul style="list-style-type: none"> <li>Provides the gelling and thickening properties of chemically modified starches</li> <li>Clean and natural label (corn starch)</li> </ul>	2-3%	<ul style="list-style-type: none"> <li>Creams</li> <li>Lotions</li> </ul>
Canadian Harvest® Oat Bran Wheat bran	<ul style="list-style-type: none"> <li>Stabilized bran from oats and wheat</li> </ul>	<ul style="list-style-type: none"> <li>Enzyme activity and microbial count reduced to increase shelf life and prevent rancidity</li> <li>Contains antioxidants</li> <li>Provides mild abrasion</li> </ul>	1-3%	<ul style="list-style-type: none"> <li>Sugar/salt scrubs</li> <li>Soaps</li> <li>Masks</li> </ul>

092009



A healthy products company

[www.sunopta.com](http://www.sunopta.com)

### SUNOPTA INGREDIENTS GROUP

100 Apollo Drive

Chelmsford, MA USA 01824

Toll-free: 800 353 6782; Tel: 781 276 5100; Fax: 781 276 5125

email: [ingredients@sunopta.com](mailto:ingredients@sunopta.com)

[www.sunopta.com/ingredients](http://www.sunopta.com/ingredients)