# Nutraceutical Applications

Ravago Chemicals North America
Ingredient Solutions

## Additives
- Ascorbic Acid
- Calcium Carbonate
- Calcium Chloride
- Citric Acid
- Diammonium Phosphate *
- Dicalcium Phosphate *
- Dipotassium Phosphate *
- Disodium Phosphate *
- Monoammonium Phosphate *
- Monopotassium Phosphate *
- Monosodium Phosphate *
- Potassium Bicarbonate
- Tripotassium Phosphate *
- Trisodium Phosphate *

## Buffers
- Dicalcium Phosphate *
- Disodium Phosphate *
- Sodium Bicarbonate

## Emulsifiers
- Lecithin [Sunflower & Soy]
- Polysorbates *
- Propylene Glycol

## Antiseptics
- Hydrogen Peroxide
- Isopropyl Alcohol *

## Extracts
- Herbal & Organic

## Binders
- Dextrose
- Guar Gum
- Xanthan Gum *

## Fibers
- Alpha-Cellulose Fiber
- Bamboo Fiber
- Oat Fiber
- Psyllium
- Wheat Fiber
## Nutraceutical Applications

Ravago Chemicals North America

### Ingredient Solutions

<table>
<thead>
<tr>
<th>Flavorings</th>
<th>Soft Gel Applications</th>
<th>Solvents</th>
<th>Sweetener Ingredients</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Cocoa Powder</td>
<td>• Gelatin</td>
<td>• Acetone *</td>
<td>• Corn Syrup</td>
</tr>
<tr>
<td>• Ethyl Vanillin *</td>
<td>• Glycerin</td>
<td>• Acetonitrile *</td>
<td>• Dextrose</td>
</tr>
<tr>
<td>• Natural Vanillin</td>
<td>• Sorbitol (liquid)</td>
<td>• Ethanol *</td>
<td>• Erythritol</td>
</tr>
<tr>
<td>• Synthetic Vanillin *</td>
<td></td>
<td>• Isopropyl Alcohol *</td>
<td>• Maltitol</td>
</tr>
</tbody>
</table>

### Flow Aid

- Fumed Silica *
- Lecithin [Sunflower & Soy]
- Precipitated Silica

### Humectants

- Glycerin
- Propylene Glycol

### Oils

- Canola Oil
- Cocoa Butter
- Coconut Oil
- Mineral Oil
- Palm Oil
- Safflower Oil
- Sunflower Oil
- Xylitol

*Products marked with an asterisk have limited availability, please contact your account manager for details.*