



## Allergen Information

Concerning raw materials used in the manufacture of ethyl alcohol and formulation of denatured alcohol grades

<b>Material Description:</b>		
Ethyl Alcohol	<ul style="list-style-type: none"> <li>· Water-diluted (10%-80% Ethyl Alcohol by volume)</li> <li>· 95% (190 Proof)</li> <li>· Organic 95%</li> </ul>	<ul style="list-style-type: none"> <li>· 95.5% (191 Proof)</li> <li>· 96.0-96.6%</li> <li>· Grain Neutral Spirits</li> <li>· Anhydrous (200 Proof)</li> </ul>
Canadian Specially Denatured Alcohol Grades (Anhydrous and 95%)	<ul style="list-style-type: none"> <li>· SDAG-1</li> <li>· SDAG-2</li> <li>· SDAG-3</li> <li>· SDAG-5</li> <li>· SDAG-6</li> <li>· SDAG-7</li> <li>· SDAG-8</li> </ul>	<ul style="list-style-type: none"> <li>· SDAG-9</li> <li>· SDAG-10</li> <li>· SDAG-11</li> <li>· SDAG-13</li> <li>· SDAG-16</li> <li>· SDAG-21</li> <li>· SDAG-24</li> </ul>
Canadian fully Denatured Alcohol Grades (Anhydrous and 95%)	<ul style="list-style-type: none"> <li>· DA-2A</li> <li>· DA-2I</li> </ul>	<ul style="list-style-type: none"> <li>· DA-2J</li> <li>· DA-2O</li> </ul>
US Specially Denatured Alcohol Grades (190 and 200 Proof)	<ul style="list-style-type: none"> <li>· SDA-3A</li> <li>· SDA-3C</li> <li>· SDA-23A</li> </ul>	<ul style="list-style-type: none"> <li>· SDA-40-B</li> <li>· SDA-40-2</li> </ul>

<b>Raw Material Contains:</b>	<b>No</b>	<b>Yes</b>	<b>Comments:</b>
Alcohols		×	Ethyl alcohol is present in all undenatured and denatured ethyl alcohol products. In addition, some denatured alcohol and specially denatured products may contain methanol or isopropyl alcohol.
Antibiotics	×		Antibiotics are used in the manufacturing process of ethyl alcohol. Any trace of antibiotics would be removed during the distillation process and are not present in the final product.
Anti-caking and firming agents (E514, E518, E535, 536 etc.)	×		
Barley	×		
BHA/BHT-E320/E321 and other antioxidants	×		
Caffeine	×		
Celery/celeriac	×		
Cocoa and cocoa derivatives	×		
Coconut and coconut derivatives	×		
Colophonium/colophony/rosin	×		
Colours, dyes	×		
Crustacea (crab, crayfish, lobster, prawn, shrimp, etc.)	×		

Egg and egg derivatives	×		
Emulsifiers, stabilisers, and thickeners	×		
Flavourings (natural/natural identical/artificial)	×		
Fish and fish derivatives	×		
Gluten		×	<p>Ethyl alcohol manufactured by Greenfield Global is derived from corn as the raw material. Corn contains corn gluten.</p> <p>It should be noted that the gluten in corn is not of a type that harms celiac patients, and that evidence points to corn being safe for celiac patients, as opposed to wheat gluten which some data suggest may harm celiac patients.</p> <p>The ethyl alcohol product is purified by distillation during the manufacturing process, which removes all traces of gluten to the limits detectable by our laboratories (below 0.002g/100mL).</p> <p>We therefore certify that the ethyl alcohol products manufactured and distributed by Greenfield Global, are wheat-gluten free, and are corn-gluten free to below the detection limits described above.</p>
Gelatin and gelatin derivatives	×		
Hydroxybenzoic acid esters	×		
Iodine	×		
Kiwi	×		
Lactose and lactose derivatives	×		
Latex	×		
Legume	×		
Lemon	×		
Lupin	×		
Maize (corn) and maize derivatives		×	<p>Ethyl alcohol manufactured by Greenfield Global, uses corn as the primary raw material. No trace of corn is present in the final product however, to below 0.002g/100mL (non-volatile residues test detection limit). It is removed in the alcohol distillation process.</p>
Milk (dairy) and milk derivatives	×		
MSG and other glutamates	×		
Mustard and mustard derivatives	×		
Nitrites/nitrates	×		
Nucleotides (E627 Disodium Guanylate, E631 Disodium Inosinate, E635 Disodium 5'-ribonucleotides)	×		
Nuts, nut oils, and derivatives	×		
Oat	×		

Oils	×		
Other additives	×		
Other cereals	×		
Phenylalanine	×		
Pollen, propolis, royal jelly, and derivatives	×		
Potassium	×		
Preservatives (SO <sub>2</sub> /sulphites (salt or ester of sulfurous acid)/benzoate/parabens/sorbates)	×		
Rye	×		
Salicylates	×		
Seed and seed derivatives	×		
Sodium salts		×	Sodium salts can form during the manufacture of ethyl alcohol. No trace of or sodium salt is present in the final product however, to below 0.002g/100mL (non-volatile residues test detection limit). It is removed in the alcohol distillation process.
Soya (soy)/soya products and derivatives	×		
Spelt	×		
Starch and starch derivatives		×	Corn, the primary raw material used in the manufacture of ethyl alcohol by Greenfield Global, contains starch. No trace of or starch is present in the final product however, to below 0.002g/100mL (non-volatile residues test detection limit). It is removed in the alcohol distillation process.
Sugars (manufacturing process)		×	Corn starch is converted to sugars during the manufacture of ethyl alcohol by Greenfield Global. No trace of or starch or sugar is present in the final product however, to below 0.002g/100mL (non-volatile residues test detection limit). It is removed in the alcohol distillation process.
Sugars (other) (galactose, sucralose, sugar alcohols)	×		
Sweeteners (saccharin, aspartame, acesulfame potassium etc.)	×		
Tartrazine (FD&C Yellow #5)	×		
Vegetable oils (hydrogenated or partially hydrogenated)	×		
Wheat	×		
Yeast and yeast extracts		×	Yeast is used in the fermentation of ethyl alcohol manufactured by Greenfield Global. No trace of or yeast is present in the final product however, to below 0.002g/100mL (non-volatile residues test detection limit). It is removed in the alcohol distillation process.

The information contained within is accurate to the best of knowledge obtained by Greenfield Global and that of third parties from whom information was obtained.

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