\textbf{Food and Drug Administration, HHS} \\
\textbf{§ 172.5 General provisions for direct food additives.} \\

(a) Regulations prescribing conditions under which food additive substances may be safely used predicate usage under conditions of good manufacturing practice. For the purposes of this part, good manufacturing practice shall be defined to include the following restrictions.

(1) The quantity of the substance added to food does not exceed the amount reasonably required to accomplish its intended physical, nutritive, or other technical effect in food.

(2) Any substance intended for use in or on food is of appropriate food grade and is prepared and handled as a food ingredient.

(b) The existence of a regulation prescribing safe conditions of use for a food additive shall not be construed to

\begin{enumerate}
\item 172.861 Cocoa butter substitute from coconut oil, palm kernel oil, or both oils.
\item 172.862 Oleic acid derived from tall oil fatty acids.
\item 172.863 Salts of fatty acids.
\item 172.864 Synthetic fatty alcohols.
\item 172.865 Synthetic glycerin produced by the hydrogenolysis of carbohydrates.
\item 172.866 Olestra.
\item 172.867 Ethyl cellulose.
\item 172.868 Sucrose oligoesters.
\item 172.869 Hydroxypropyl cellulose.
\item 172.870 Methyl ethyl cellulose.
\item 172.871 Hydroxypropyl methylcellulose.
\item 172.872 Castor oil.
\item 172.873 White mineral oil.
\item 172.874 Petrolatum.
\item 172.875 Synthetic isoparaffinic petroleum hydrocarbons.
\item 172.876 Odorless light petroleum hydrocarbons.
\item 172.877 Petroleum wax.
\item 172.878 Synthetic petroleum wax.
\item 172.879 Rice bran wax.
\item 172.880 Food starch-modified.
\item 172.881 Modified cottonseed products intended for human consumption.
\item 172.882 Dried yeasts.
\item 172.883 Bakers yeast glycan.
\end{enumerate}


\textbf{SOURCE:} 42 FR 14491, Mar. 15, 1977, unless otherwise noted.

§ 172.105 Anoxomer

Anoxomer as identified in this section may be safely used in accordance with the following conditions:

(a) Anoxomer is 1,4-benzenediol, 2-(1,1-dimethylethyl)-polymer with diethylenbenzene, 4-(1,1-dimethylethyl)phenol, 4-methoxyphenol, 4′-(1-methylethylenedioxyphenol) and 4-methylphenol (CAS Reg. No. 60837–57–2) prepared by condensation polymerization of divinylbenzene (m- and p-) with tert-butylhydroquinone, tert-butylphenol, hydroxyanisole, p-cresol and 4,4′-isopropylidenediphenol.

(b) The polymeric antioxidant meets the following specifications:

(1) Polymer, not less than 98.0 percent as determined by an ultraviolet method entitled “Ultraviolet Assay,” 1982, which is incorporated by reference. Copies are available from the Center for Food Safety and Applied Nutrition (HFS–200), Food and Drug Administration, 5100 Paint Branch Pkwy., College Park, MD 20740, or at the National Archives and Records Administration (NARA). For information on the availability of this material at NARA, call 202–741–6030, or go to: http://www.archives.gov/federal_register/code_of_federal_regulations/ibr_locations.html.

(2) Molecular weight: Total monomers, dimers and trimers below 500 not more than 1 percent as determined by a method entitled “Low Molecular Weight Anoxomer Analysis,” 1982, which is incorporated by reference. Copies are available from the Center for Food Safety and Applied Nutrition (HFS–200), Food and Drug Administration, 5100 Paint Branch Pkwy., College Park, MD 20740, or at the National Archives and Records Administration (NARA). For information on the availability of this material at NARA, call 202–741–6030, or go to: http://www.archives.gov/federal_register/code_of_federal_regulations/ibr_locations.html.

(3) Phenol content: Not less than 3.2 milliequivalent/gram and not more than 3.8 milliequivalent/gram as determined by a method entitled “Total Phenols,” 1982, which is incorporated by reference. Copies are available from the Center for Food Safety and Applied Nutrition (HFS–200), Food and Drug Administration, 5100 Paint Branch Pkwy., College Park, MD 20740, or at the National Archives and Records Administration (NARA). For information on the availability of this material at NARA, call 202–741–6030, or go to: http://www.archives.gov/federal_register/code_of_federal_regulations/ibr_locations.html.

(4) Heavy metals as lead (as Pb), not more than 10 parts per million. Arsenic (as As), not more than 3 parts per million. Mercury (as Hg), not more than 1 part per million.

(c) Anoxomer may be safely used as an antioxidant in food at a level of not more than 5,000 parts per million based on fat and oil content of the food.

[48 FR 18798, Apr. 26, 1983, as amended at 54 FR 24896, June 12, 1989]

§ 172.110 BHA.

The food additive BHA (butylated hydroxyanisole) alone or in combination with other antioxidants permitted in food for human consumption in this subpart B may be safely used in or on specified foods, as follows:

(a) The BHA meets the following specification:

Assay (total BHA), 98.5 percent minimum. Melting point 48 °C minimum.

(b) The BHA is used alone or in combination with BHT, as an antioxidant in foods, as follows:

<table>
<thead>
<tr>
<th>Food</th>
<th>Limitations (total BHA and BHT) parts per million</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dehydrated potato shreds</td>
<td>50</td>
</tr>
<tr>
<td>Active dry yeast</td>
<td>1,000</td>
</tr>
<tr>
<td>Beverages and desserts prepared from dry mixes</td>
<td>12</td>
</tr>
<tr>
<td>Dry breakfast cereals</td>
<td>50</td>
</tr>
<tr>
<td>Dry diced glazed fruit</td>
<td>132</td>
</tr>
<tr>
<td>Dry mixes for beverages and desserts</td>
<td>90</td>
</tr>
<tr>
<td>Emulsion stabilizers for shortenings</td>
<td>200</td>
</tr>
</tbody>
</table>

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