Food and Drug Administration, HHS

§ 582.80 Trace minerals added to animal feeds.

These substances added to animal feeds as nutritional dietary supplements are generally recognized as safe when added at levels consistent with good feeding practice.¹

<table>
<thead>
<tr>
<th>Element</th>
<th>Source compounds</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cobalt</td>
<td>Cobalt acetate, Cobalt carbonate, Cobalt chloride, Cobalt oxide, Cobalt sulfate.</td>
</tr>
<tr>
<td>Copper</td>
<td>Copper carbonate, Copper chloride, Copper gluconate, Copper hydroxide, Copper orthophosphate, Copper oxide, Copper pyrophosphate, Copper sulfate.</td>
</tr>
<tr>
<td>Iodine</td>
<td>Calcium iodate, Calcium iodobenzenate, Cuprous iodide, 3,5-Diodosalicylic acid, Ethylenediamine dihydroiodide, Potassium iodate, Potassium iodide, Sodium iodide, Sodium iodide, Thymol iodide.</td>
</tr>
<tr>
<td>Manganese</td>
<td>Manganese acetate, Manganese carbonate, Manganese citrate (soluble), Manganese chloride, Manganese gluconate, Manganese orthophosphate, Manganese phosphate (dibasic), Manganese sulfate, Manganese oxide.</td>
</tr>
<tr>
<td>Zinc</td>
<td>Zinc acetate, Zinc carbonate, Zinc chloride, Zinc oxide, Zinc sulfate.</td>
</tr>
</tbody>
</table>

¹All substances listed may be in anhydrous or hydrated form.

§ 582.99 Adjuvants for pesticide chemicals.

Adjuvants, identified and used in accordance with 40 CFR 180.1001(c) and (d), which are added to pesticide use dilutions by a grower or applicator prior to application to the raw agricultural commodity, are exempt from the requirement of tolerances under section 409 of the act.

Subpart B—General Purpose Food Additives

§ 582.1005 Acetic acid.

(a) Product. Acetic acid.

(b) Conditions of use. This substance is generally recognized as safe when used in accordance with good manufacturing or feeding practice.

§ 582.1009 Adipic acid.

(a) Product. Adipic acid.

(b) [Reserved]

(c) Limitations, restrictions, or explanation. This substance is generally recognized as safe when used as a buffer and neutralizing agent in accordance with good manufacturing or feeding practice.

§ 582.1033 Citric acid.

(a) Product. Citric acid.

(b) Conditions of use. This substance is generally recognized as safe when used in accordance with good manufacturing or feeding practice.

§ 582.1057 Hydrochloric acid.

(a) Product. Hydrochloric acid.

(b) [Reserved]

(c) Limitations, restrictions, or explanation. This substance is generally recognized as safe when used as a buffer and neutralizing agent in accordance with good manufacturing or feeding practice.

§ 582.1061 Lactic acid.

(a) Product. Lactic acid.

(b) Conditions of use. This substance is generally recognized as safe when used in accordance with good manufacturing or feeding practice.

§ 582.1069 Malic acid.

(a) Product. Malic acid.