§ 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 oxide, copper sulfate, copper sulfate, copper sulfate, copper sulfate</td>
</tr>
<tr>
<td>Iodine</td>
<td>Calcium iodate, calcium iodobenenate, cuprous iodide, 3,3-Diodosalicic acid, ethylenediamine dihydroiodide, potassium iodate, potassium iodide, sodium iodate, sodium iodide, thymol iodide</td>
</tr>
<tr>
<td>Iron</td>
<td>Iron ammonium citrate, iron carbonate, iron chloride, iron gluconate, iron oxide, iron phosphate, iron pyrophosphate, iron sulfate</td>
</tr>
</tbody>
</table>

Manganese
- Reduced iron
- Manganese acetate
- Manganese carbonate
- Manganese citrate (solute)
- Manganese chloride
- Manganese gluconate
- Manganese orthophosphate
- Manganese phosphate (dibasic)
- Manganese sulfate
- Manganese oxide
- Zinc acetate
- Zinc carbonate
- Zinc chloride
- Zinc oxide
- Zinc sulfate

Zinc

§ 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