### $\S$ 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.</td>
</tr>
<tr>
<td></td>
<td>Cobalt carbonate.</td>
</tr>
<tr>
<td></td>
<td>Cobalt chloride.</td>
</tr>
<tr>
<td></td>
<td>Cobalt oxide.</td>
</tr>
<tr>
<td>Copper</td>
<td>Copper carbonate.</td>
</tr>
<tr>
<td></td>
<td>Copper chloride.</td>
</tr>
<tr>
<td></td>
<td>Copper gluconate.</td>
</tr>
<tr>
<td></td>
<td>Copper hydroxide.</td>
</tr>
<tr>
<td></td>
<td>Copper orthophosphate.</td>
</tr>
<tr>
<td></td>
<td>Copper oxide.</td>
</tr>
<tr>
<td></td>
<td>Copper pyrophosphate.</td>
</tr>
<tr>
<td></td>
<td>Copper sulfate.</td>
</tr>
<tr>
<td>Iodine</td>
<td>Calcium iodate.</td>
</tr>
<tr>
<td></td>
<td>Calcium iodobenenate.</td>
</tr>
<tr>
<td></td>
<td>Cuprous iodide.</td>
</tr>
<tr>
<td></td>
<td>3,5-Diodosalicilic acid.</td>
</tr>
<tr>
<td></td>
<td>Ethylenediamine dihydroiodide.</td>
</tr>
<tr>
<td></td>
<td>Potassium iodate.</td>
</tr>
<tr>
<td></td>
<td>Potassium iodide.</td>
</tr>
</tbody>
</table>

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

### $\S$ 582.60 Synthetic flavoring substances and adjuvants.

Synthetic flavoring substances and adjuvants that are generally recognized as safe for their intended use, within the meaning of section 409 of the act, are as follows:

- Acetaldehyde (ethanal).
- Acetoin (acetyl methlycarbinol).
- Aconitic acid (equissetic acid, citridic acid, achilleic acid).
- Anethole (parapropenyl anisole).
- Benzaldehyde (benzoic aldehyde).
- d- or l-Carvone (carvol).
- Cinnamaldehyde (cinnamic aldehyde).
- Citral (2,6-dimethyloctadien-2,6,8-triol).
- Decanal (N-decylaldehyde, capraldehyde, caprinaldehyde, aldehyde C-16).
- Diacetyl (2,3-butanedione). Ethyl acetate.
- Ethyl butyrate.
- 3-Methyl-3-phenyl glycidic acid ethyl ester (ethyl-methyl-phenyl-glycidate, so-called strawberry aldehyde, C-16 aldehyde).
- Ethyl vanillin.
- Eugenol.
- Geranial (3,7-dimethyl-2,6 and 3,6-octadien-1-ol).
- Geranyl acetate (geraniol acetate).
- Glycerol (glyceryl) tributyrate (tributyryl, butyrin).
- Limonene (d-, l-, and dl-).
- Linalool (linalol, 3,7-dimethyl-1,6-octadien-3-ol).
- Linalyl acetate (bergamol).
- 1-Malic acid.
- Methyl anthranilate (methyl-2-aminobenzoate).
- Piperonal (3,4-methylenedioxy-benzaldehyde, heliotropin).
- Vanillin.
§ 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.

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

§ 582.1073 Phosphoric acid.

(a) Product. Phosphoric acid.

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

§ 582.1077 Potassium acid tartrate.

(a) Product. Potassium acid tartrate.

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

§ 582.1087 Sodium sodium pyrophosphate.

(a) Product. Sodium pyrophosphate.

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

§ 582.1091 Succinic acid.

(a) Product. Succinic acid.

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

§ 582.1095 Sulfuric acid.

(a) Product. Sulfuric acid.