

- 582.5994 Zinc stearate.  
582.5997 Zinc sulfate.

#### Subpart G—Sequestrants

- 582.6033 Citric acid.  
582.6085 Sodium acid phosphate.  
582.6099 Tartaric acid.  
582.6185 Calcium acetate.  
582.6193 Calcium chloride.  
582.6195 Calcium citrate.  
582.6197 Calcium diacetate.  
582.6199 Calcium gluconate.  
582.6203 Calcium hexametaphosphate.  
582.6215 Monobasic calcium phosphate.  
582.6219 Calcium phytate.  
582.6285 Dipotassium phosphate.  
582.6290 Disodium phosphate.  
582.6386 Isopropyl citrate.  
582.6511 Monoisopropyl citrate.  
582.6625 Potassium citrate.  
582.6751 Sodium citrate.  
582.6754 Sodium diacetate.  
582.6757 Sodium gluconate.  
582.6760 Sodium hexametaphosphate.  
582.6769 Sodium metaphosphate.  
582.6778 Sodium phosphate.  
582.6787 Sodium pyrophosphate.  
582.6789 Tetra sodium pyrophosphate.  
582.6801 Sodium tartrate.  
582.6804 Sodium potassium tartrate.  
582.6807 Sodium thiosulfate.  
582.6810 Sodium tripolyphosphate.  
582.6851 Stearyl citrate.

#### Subpart H—Stabilizers

- 582.7115 Agar-agar.  
582.7133 Ammonium alginate.  
582.7187 Calcium alginate.  
582.7255 Chondrus extract.  
582.7330 Gum arabic.  
582.7333 Gum ghatti.  
582.7339 Guar gum.  
582.7343 Locust bean gum.  
582.7349 Sterculia gum.  
582.7351 Gum tragacanth.  
582.7610 Potassium alginate.  
582.7724 Sodium alginate.

AUTHORITY: 21 U.S.C. 321, 342, 348, 371.

SOURCE: 41 FR 38657, Sept. 10, 1976, unless otherwise noted.

### Subpart A—General Provisions

#### § 582.1 Substances that are generally recognized as safe.

(a) It is impracticable to list all substances that are generally recognized as safe for their intended use. However, by way of illustration, the Commissioner regards such common food ingredients as salt, pepper, sugar, vinegar, baking powder, and monosodium glutamate as safe for their intended

use. The lists in subparts B through H of this part include additional substances that, when used for the purposes indicated, in accordance with good manufacturing or feeding practice, are regarded by the Commissioner as generally recognized as safe for such uses.

(b) For the purposes of this section, good manufacturing or feeding practice shall be defined to include the following restrictions:

(1) The quantity of a substance added to animal food does not exceed the amount reasonably required to accomplish its intended physical, nutritional, or other technical effect in food; and

(2) The quantity of a substance that becomes a component of animal food as a result of its use in the manufacturing, processing, or packaging of food, and which is not intended to accomplish any physical or other technical effect in the food itself, shall be reduced to the extent reasonably possible.

(3) The substance is of appropriate grade and is prepared and handled as a food ingredient. Upon request the Commissioner will offer an opinion, based on specifications and intended use, as to whether or not a particular grade or lot of the substance is of suitable purity for use in food and would generally be regarded as safe for the purpose intended, by experts qualified to evaluate its safety.

(c) The inclusion of substances in the list of nutrients does not constitute a finding on the part of the Department that the substance is useful as a supplement to the diet for animals.

(d) Substances that are generally recognized as safe for their intended use within the meaning of section 409 of the Act are listed in subparts B through H of this part. When the status of a substance has been reevaluated and affirmed as GRAS or deleted from subparts B through H of this part, an appropriate explanation will be noted, e.g., "affirmed as GRAS," "food additive regulation," "interim food additive regulation," or "prohibited from use in food," with a reference to the appropriate new regulation. Such notation will apply only to the specific use covered by the review, e.g., direct animal food use and/or indirect animal

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food use and/or animal feed use and will not affect its status for other uses not specified in the referenced regulation, pending a specific review of such other uses.

§ 582.10 Spices and other natural seasonings and flavorings.

Spices and other natural seasonings and flavorings that are generally recognized as safe for their intended use, within the meaning of section 409 of the act, are as follows:

| Common name   | Botanical name of plant source                                      |
|---|---|
| Alfalfa herb and seed                                     | <i>Medicago sativa</i> L.   |
| Allspice  | <i>Pimenta officinalis</i> Lindl.                                   |
| Ambrette seed   | <i>Hibiscus abelmoschus</i> L.                                      |
| Angelica  | <i>Angelica archangelica</i> L. or other spp. of <i>Angelica</i> .  |
| Angelica root   | Do.   |
| Angelica seed   | Do.   |
| Angostura (cusparia bark)                                 | <i>Galipea officinalis</i> Hancock.                                 |
| Anise   | <i>Pimpinella anisum</i> L.   |
| Anise, star   | <i>Illicium verum</i> Hook. f.                                      |
| Balm (lemon balm)   | <i>Melissa officinalis</i> L.                                       |
| Basil, bush   | <i>Ocimum minimum</i> L.  |
| Basil, sweet  | <i>Ocimum basilicum</i> L.  |
| Bay   | <i>Laurus nobilis</i> L.  |
| Calendula   | <i>Calendula officinalis</i> L.                                     |
| Camomile (chamomile), English or Roman                    | <i>Anthemis nobilis</i> L.  |
| Camomile (chamomile), German or Hungarian                 | <i>Matricaria chamomilla</i> L.                                     |
| Capers  | <i>Capparis spinosa</i> L.  |
| Capsicum  | <i>Capsicum frutescens</i> L. or <i>Capsicum annuum</i> L.          |
| Caraway   | <i>Carum carvi</i> L.   |
| Caraway, black (black cummin)                             | <i>Nigella sativa</i> L.  |
| Cardamom (cardamon)                                       | <i>Elettaria cardamomum</i> Maton.                                  |
| Cassia, Chinese   | <i>Cinnamomum cassia</i> Blume.                                     |
| Cassia, Padang or Batavia                                 | <i>Cinnamomum burmanni</i> Blume.                                   |
| Cassia, Saigon  | <i>Cinnamomum loureirii</i> Nees.                                   |
| Cayenne pepper  | <i>Capsicum frutescens</i> L. or <i>Capsicum annuum</i> L.          |
| Celery seed   | <i>Apium graveolens</i> L.  |
| Chervil   | <i>Anthriscus cerefolium</i> (L.) Hoffm.                            |
| Chives  | <i>Allium schoenoprasum</i> L.                                      |
| Cinnamon, Ceylon  | <i>Cinnamomum zeylanicum</i> Nees.                                  |
| Cinnamon, Chinese   | <i>Cinnamomum cassia</i> Blume.                                     |
| Cinnamon, Saigon  | <i>Cinnamomum loureirii</i> Nees.                                   |
| Clary (clary sage)  | <i>Salvia sclarea</i> L.  |
| Clover  | <i>Trifolium</i> spp.   |
| Cloves  | <i>Eugenia caryophyllata</i> Thunb.                                 |
| Coriander   | <i>Coriandrum sativum</i> L.  |
| Cumin (cummin)  | <i>Cuminum cyminum</i> L.   |
| Cumin, black (black caraway)                              | <i>Nigella sativa</i> L.  |
| Dill  | <i>Anethum graveolens</i> L.  |
| Elder flowers   | <i>Sambucus canadensis</i> L.                                       |
| Fennel, common  | <i>Foeniculum vulgare</i> Mill.                                     |
| Fennel, sweet (finocchio, Florence fennel)                | <i>Foeniculum vulgare</i> Mill. var. <i>duice</i> (DC.) Alex.       |
| Fenugreek   | <i>Trigonella foenum-graecum</i> L.                                 |
| Galanga (galangal)  | <i>Alpina officinarum</i> Hance.                                    |
| Garlic  | <i>Allium sativum</i> L.  |
| Geranium  | <i>Pelargonium</i> spp.   |
| Ginger  | <i>Zingiber officinale</i> Rosc.                                    |
| Glycyrrhiza   | <i>Glycyrrhiza glabra</i> L. and other spp. of <i>Glycyrrhiza</i> . |
| Grains of paradise  | <i>Amomum melegueta</i> Rosc.                                       |
| Horehound (hoarhound)                                     | <i>Marrubium vulgare</i> L.   |
| Horseradish   | <i>Armoracia lappathifolia</i> Gilib.                               |
| Hyssop  | <i>Hyssopus officinalis</i> L.                                      |
| Lavender  | <i>Lavandula officinalis</i> Chaix.                                 |
| Licorice  | <i>Glycyrrhiza glabra</i> L. and other spp. of <i>Glycyrrhiza</i> . |
| Linden flowers  | <i>Tilia</i> spp.   |
| Mace  | <i>Myristica fragrans</i> Houtt.                                    |
| Marigold, pot   | <i>Calendula officinalis</i> L.                                     |
| Marjoram, pot   | <i>Majorana onites</i> (L.) Benth.                                  |
| Marjoram, sweet   | <i>Majorana hortensis</i> Moench.                                   |
| Mustard, black or brown                                   | <i>Brassica nigra</i> (L.) Koch.                                    |
| Mustard, brown  | <i>Brassica juncea</i> (L.) Coss.                                   |
| Mustard, white or yellow                                  | <i>Brassica hirta</i> Moench.                                       |
| Nutmeg  | <i>Myristica fragrans</i> Houtt.                                    |
| Oregano (oreganum, Mexican oregano, Mexican sage, origan) | <i>Lippia</i> spp.  |
| Paprika   | <i>Capsicum annuum</i> L.   |