

intended physical, nutritional, or other technical effect in food; and

(2) The quantity of a substance that becomes a component of 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 food 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 humans.

(d) Substances that are generally recognized as safe for their intended use within the meaning of section 409 of the act are listed in this part. When the status of a substance has been re-evaluated, it will be deleted from this part, and will be issued as a new regulation under the appropriate part, e.g., "affirmed as GRAS" under part 184 or 186 of this chapter; "food additive regulation" under parts 170 through 180 of this chapter; "interim food additive regulation" under part 180 of this chapter; or "prohibited from use in food" under part 189 of this chapter.

[42 FR 14640, Mar. 15, 1977, as amended at 53 FR 44875, Nov. 7, 1988]

**§ 182.10 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 .....	Medicago sativa L.
Allspice .....	Pimenta officinalis Lindl.
Ambrette seed .....	Hibiscus abelmoschus L.
Angelica .....	Angelica archangelica L. or other spp. of Angelica.
Angelica root .....	Do.
Angelica seed .....	Do.
Angostura (cusparia bark) .....	Galipea officinalis Hancock.
Anise .....	Pimpinella anisum L.
Anise, star .....	Illicium verum Hook. f.
Balm (lemon balm) .....	Melissa officinalis L.
Basil, bush .....	Ocimum minimum L.
Basil, sweet .....	Ocimum basilicum L.
Bay .....	Laurus nobilis L.
Calendula .....	Calendula officinalis L.
Camomile (chamomile), English or Roman .....	Anthemis nobilis L.
Camomile (chamomile), German or Hungarian .....	Matricaria chamomilla L.
Capers .....	Capparis spinosa L.
Capsicum .....	Capsicum frutescens L. or Capsicum annum L.
Caraway .....	Carum carvi L.
Caraway, black (black cumin) .....	Nigella sativa L.
Cardamom (cardamon) .....	Elettaria cardamomum Maton.
Cassia, Chinese .....	Cinnamomum cassia Blume.
Cassia, Padang or Batavia .....	Cinnamomum burmanni Blume.
Cassia, Saigon .....	Cinnamomum loureirii Nees.
Cayenne pepper .....	Capsicum frutescens L. or Capsicum annum L.
Celery seed .....	Apium graveolens L.
Chervil .....	Anthriscus cerefolium (L.) Hoffm.
Chives .....	Allium schoenoprasum L.
Cinnamon, Ceylon .....	Cinnamomum zeylanicum Nees.
Cinnamon, Chinese .....	Cinnamomum cassia Blume.
Cinnamon, Saigon .....	Cinnamomum loureirii Nees.
Clary (clary sage) .....	Salvia sclarea L.
Clover .....	Trifolium spp.
Coriander .....	Coriandrum sativum L.
Cumin (cummin) .....	Cuminum cyminum L.
Cumin, black (black caraway) .....	Nigella sativa L.
Elder flowers .....	Sambucus canadensis L.
Fennel, common .....	Foeniculum vulgare Mill.
Fennel, sweet (finocchio, Florence fennel) .....	Foeniculum vulgare Mill. var. dulce (DC.) Alex.
Fenugreek .....	Trigonella foenum-graecum L.

Common name	Botanical name of plant source
Galanga (galangal)	Alpinia officinarum Hance.
Geranium	Pelargonium spp.
Ginger	Zingiber officinale Rosc.
Grains of paradise	Amomum melegueta Rosc.
Horehound (hoarhound)	Marrubium vulgare L.
Horseradish	Armoracia lapathifolia Gilib.
Hyssop	Hyssopus officinalis L.
Lavender	Lavandula officinalis Chaix.
Linden flowers	Tilia spp.
Mace	Myristica fragrans Houtt.
Marigold, pot	Calendula officinalis L.
Marjoram, pot	Majorana onites (L.) Benth.
Marjoram, sweet	Majorana hortensis Moench.
Mustard, black or brown	Brassica nigra (L.) Koch.
Mustard, brown	Brassica juncea (L.) Coss.
Mustard, white or yellow	Brassica hirta Moench.
Nutmeg	Myristica fragrans Houtt.
Oregano (oreganum, Mexican oregano, Mexican sage, origan).	Lippia spp.
Paprika	Capsicum annum L.
Parsley	Petroselinum crispum (Mill.) Mansf.
Pepper, black	Piper nigrum L.
Pepper, cayenne	Capsicum frutescens L. or Capsicum annum L.
Pepper, red	Do.
Pepper, white	Piper nigrum L.
Peppermint	Mentha piperita L.
Poppy seed	Papayer somniferum L.
Pot marigold	Calendula officinalis L.
Pot marjoram	Majorana onites (L.) Benth.
Rosemary	Rosmarinus officinalis L.
Saffron	Crocus sativus L.
Sage	Salvia officinalis L.
Sage, Greek	Salvia triloba L.
Savory, summer	Satureia hortensis L. (Satureja).
Savory, winter	Satureia montana L. (Satureja).
Sesame	Sesamum indicum L.
Spearmint	Mentha spicata L.
Star anise	Illicium verum Hook. f.
Tarragon	Artemisia dracunculus L.
Thyme	Thymus vulgaris L.
Thyme, wild or creeping	Thymus serpyllum L.
Turmeric	Curcuma longa L.
Vanilla	Vanilla planifolia Andr. or Vanilla tahitensis J. W. Moore.
Zedoary	Curcuma zedoaria Rosc.

[42 FR 14640, Mar. 15, 1977, as amended at 43 FR 3705, Jan. 27, 1978; 44 FR 3963, Jan. 19, 1979; 50 FR 21044, May 22, 1985; 61 FR 14246, Apr. 1, 1996]

**§ 182.20 Essential oils, oleoresins (solvent-free), and natural extractives (including distillates).**

Essential oils, oleoresins (solvent-free), and natural extractives (includ-

ing distillates) 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	Medicago sativa L.
Allspice	Pimenta officinalis Lindl.
Almond, bitter (free from prussic acid)	Prunus amygdalus Batsch, Prunus armeniaca L., or Prunus persica (L.) Batsch.
Ambrette (seed)	Hibiscus moschatus Moench.
Angelica root	Angelica archangelica L.
Angelica seed	Do.
Angelica stem	Do.
Angostura (cusparia bark)	Galipea officinalis Hancock.
Anise	Pimpinella anisum L.
Asafetida	Ferula assa-foetida L. and related spp. of Ferula.
Balm (lemon balm)	Melissa officinalis L.
Balsam of Peru	Myroxylon pereirae Klotzsch.
Basil	Ocimum basilicum L.