

§ 182.20

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

ing distillates) that are generally recognized as safe for their intended use, within the meaning of section 409 of the Act, are as follows:

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

Common name	Botanical name of plant source
Alfalfa .....	<i>Medicago sativa</i> L.
Allspice .....	<i>Pimenta officinalis</i> Lindl.
Almond, bitter (free from prussic acid) .....	<i>Prunus amygdalus</i> Batsch, <i>Prunus armeniaca</i> L., or <i>Prunus persica</i> (L.) Batsch.
Ambrette (seed) .....	<i>Hibiscus moschatus</i> Moench.
Angelica root .....	<i>Angelica archangelica</i> L.
Angelica seed .....	Do.
Angelica stem .....	Do.
Angostura (cusparia bark) .....	<i>Galipea officinalis</i> Hancock.
Anise .....	<i>Pimpinella anisum</i> L.
Asafetida .....	<i>Ferula assa-foetida</i> L. and related spp. of <i>Ferula</i> .
Balm (lemon balm) .....	<i>Melissa officinalis</i> L.
Balsam of Peru .....	<i>Myroxylon pereirae</i> Klotzsch.
Basil .....	<i>Ocimum basilicum</i> L.
Bay leaves .....	<i>Laurus nobilis</i> L.
Bay (myrcia oil) .....	<i>Pimenta racemosa</i> (Mill.) J. W. Moore.
Bergamot (bergamot orange) .....	<i>Citrus aurantium</i> L. subsp. <i>bergamia</i> Wright et Arn.
Bitter almond (free from prussic acid) .....	<i>Prunus amygdalus</i> Batsch, <i>Prunus armeniaca</i> L., or <i>Prunus persica</i> (L.) Batsch.
Bois de rose .....	<i>Aniba rosaeodora</i> Ducke.
Cacao .....	<i>Theobroma cacao</i> L.
Camomile (chamomile) flowers, Hungarian .....	<i>Matricaria chamomilla</i> L.
Camomile (chamomile) flowers, Roman or English .....	<i>Anthemis nobilis</i> L.
Cananga .....	<i>Cananga odorata</i> Hook. f. and Thoms.
Capsicum .....	<i>Capsicum frutescens</i> L. and <i>Capsicum annuum</i> L.
Caraway .....	<i>Carum carvi</i> L.
Cardamom seed (cardamon) .....	<i>Elettaria cardamomum</i> Maton.
Carob bean .....	<i>Ceratonia siliqua</i> L.
Carrot .....	<i>Daucus carota</i> L.
Cascarilla bark .....	<i>Croton eluteria</i> Benn.
Cassia bark, Chinese .....	<i>Cinnamomum cassia</i> Blume.
Cassia bark, Padang or Batavia .....	<i>Cinnamomum burmanni</i> Blume.
Cassia bark, Saigon .....	<i>Cinnamomum loureirii</i> Nees.
Celery seed .....	<i>Apium graveolens</i> L.
Cherry, wild, bark .....	<i>Prunus serotina</i> Ehrh.
Chervil .....	<i>Anthriscus cerefolium</i> (L.) Hoffm.
Chicory .....	<i>Cichorium intybus</i> L.
Cinnamon bark, Ceylon .....	<i>Cinnamomum zeylanicum</i> Nees.
Cinnamon bark, Chinese .....	<i>Cinnamomum cassia</i> Blume.
Cinnamon bark, Saigon .....	<i>Cinnamomum loureirii</i> Nees.
Cinnamon leaf, Ceylon .....	<i>Cinnamomum zeylanicum</i> Nees.
Cinnamon leaf, Chinese .....	<i>Cinnamomum cassia</i> Blume.
Cinnamon leaf, Saigon .....	<i>Cinnamomum loureirii</i> Nees.
Citronella .....	<i>Cymbopogon nardus</i> Rendle.
Citrus peels .....	<i>Citrus</i> spp.
Clary (clary sage) .....	<i>Salvia sclarea</i> L.
Clover .....	<i>Trifolium</i> spp.
Coca (decocainized) .....	<i>Erythroxylum coca</i> Lam. and other spp. of <i>Erythroxylum</i> .
Coffee .....	<i>Coffea</i> spp.
Cola nut .....	<i>Cola acuminata</i> Schott and Endl., and other spp. of <i>Cola</i> .
Coriander .....	<i>Coriandrum sativum</i> L.
Cumin (cummin) .....	<i>Cuminum cyminum</i> L.
Curacao orange peel (orange, bitter peel) .....	<i>Citrus aurantium</i> L.
Cusparia bark .....	<i>Galipea officinalis</i> Hancock.
Dandelion .....	<i>Taraxacum officinale</i> Weber and T. <i>laevigatum</i> DC.
Dandelion root .....	Do.
Dog grass (quackgrass, triticum) .....	<i>Agropyron repens</i> (L.) Beauv.
Elder flowers .....	<i>Sambucus canadensis</i> L. and <i>S. nigra</i> L.
Estragole (esdragol, esdragon, tarragon) .....	<i>Artemisia dracunculus</i> L.
Estragon (tarragon) .....	Do.
Fennel, sweet .....	<i>Foeniculum vulgare</i> Mill.
Fenugreek .....	<i>Trigonella foenum-graecum</i> L.
Galanga (galangal) .....	<i>Alpinia officinarum</i> Hance.
Geranium .....	<i>Pelargonium</i> spp.
Geranium, East Indian .....	<i>Cymbopogon martini</i> Stapf.
Geranium, rose .....	<i>Pelargonium graveolens</i> L'Her.
Ginger .....	<i>Zingiber officinale</i> Rosc.

Common name	Botanical name of plant source
Grapefruit .....	Citrus paradisi Macf.
Guava .....	Psidium spp.
Hickory bark .....	Carya spp.
Horehound (hoarhound) .....	Marrubium vulgare L.
Hops .....	Humulus lupulus L.
Horsemint .....	Monarda punctata L.
Hyssop .....	Hyssopus officinalis L.
Immortelle .....	Helichrysum augustifolium DC.
Jasmine .....	Jasminum officinale L. and other spp. of Jasminum.
Juniper (berries) .....	Juniperus communis L.
Kola nut .....	Cola acuminata Schott and Endl., and other spp. of Cola.
Laurel berries .....	Laurus nobilis L.
Laurel leaves .....	Laurus spp.
Lavender .....	Lavandula officinalis Chaix.
Lavender, spike .....	Lavandula latifolia Vill.
Lavandin .....	Hybrids between Lavandula officinalis Chaix and Lavandula latifolia Vill.
Lemon .....	Citrus limon (L.) Burm. f.
Lemon balm (see balm).	
Lemon grass .....	Cymbopogon citratus DC. and Cymbopogon leucosus Stapf.
Lemon peel .....	Citrus limon (L.) Burm. f.
Lime .....	Citrus aurantifolia Swingle.
Linden flowers .....	Tilia spp.
Locust bean .....	Ceratonia siliqua L.
Lupulin .....	Humulus lupulus L.
Mace .....	Myristica fragrans Houtt.
Mandarin .....	Citrus reticulata Blanco.
Marjoram, sweet .....	Majorana hortensis Moench.
Maté .....	Ilex paraguariensis St. Hil.
Melissa (see balm).	
Menthol .....	Mentha spp.
Menthyl acetate .....	Do.
Molasses (extract) .....	Saccharum officinarum L.
Mustard .....	Brassica spp.
Naringin .....	Citrus paradisi Macf.
Neroli, bigarade .....	Citrus aurantium L.
Nutmeg .....	Myristica fragrans Houtt.
Onion .....	Allium cepa L.
Orange, bitter, flowers .....	Citrus aurantium L.
Orange, bitter, peel .....	Do.
Orange leaf .....	Citrus sinensis (L.) Osbeck.
Orange, sweet .....	Do.
Orange, sweet, flowers .....	Do.
Orange, sweet, peel .....	Do.
Origanum .....	Origanum spp.
Palmarosa .....	Cymbopogon martini Stapf.
Paprika .....	Capsicum annum L.
Parsley .....	Petroselinum crispum (Mill.) Mansf.
Pepper, black .....	Piper nigrum L.
Pepper, white .....	Do.
Peppermint .....	Mentha piperita L.
Peruvian balsam .....	Myroxylon pereiarae Klotzsch.
Petitgrain .....	Citrus aurantium L.
Petitgrain lemon .....	Citrus limon (L.) Burm. f.
Petitgrain mandarin or tangerine .....	Citrus reticulata Blanco.
Pimenta .....	Pimenta officinalis Lindl.
Pimenta leaf .....	Pimenta officinalis Lindl.
Pipsissewa leaves .....	Chimaphila umbellata Nutt.
Pomegranate .....	Punica granatum L.
Prickly ash bark .....	Xanthoxylum (or Zanthoxylum) Americanum Mill. or Xanthoxylum clavaherculis L.
Rose absolute .....	Rosa alba L., Rosa centifolia L., Rosa damascena Mill., Rosa gallica L., and vars. of these spp.
Rose (otto of roses, attar of roses) .....	Do.
Rose buds .....	Do.
Rose flowers .....	Do.
Rose fruit (hips) .....	Do.
Rose geranium .....	Pelargonium graveolens L'Her.
Rose leaves .....	Rosa spp.
Rosemary .....	Rosmarinus officinalis L.
Saffron .....	Crocus sativus L.
Sage .....	Salvia officinalis L.
Sage, Greek .....	Salvia triloba L.
Sage, Spanish .....	Salvia lavandulaefolia Vahl.
St. John's bread .....	Ceratonia siliqua L.

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Common name	Botanical name of plant source
Savory, summer .....	Satureia hortensis L.
Savory, winter .....	Satureia montana L.
Schinus molle .....	Schinus molle L.
Sloe berries (blackthorn berries) .....	Prunus spinosa L.
Spearmint .....	Mentha spicata L.
Spike lavender .....	Lavandula latifolia Vill.
Tamarind .....	Tamarindus indica L.
Tangerine .....	Citrus reticulata Blanco.
Tarragon .....	Artemisia dracunculus L.
Tea .....	Thea sinensis L.
Thyme .....	Thymus vulgaris L. and Thymus zygis var. gracilis Boiss.
Thyme, white .....	Do.
Thyme, wild or creeping .....	Thymus serpyllum L.
Triticum (see dog grass).	
Tuberose .....	Polygonum tuberosum L.
Turmeric .....	Curcuma longa L.
Vanilla .....	Vanilla planifolia Andr. or Vanilla tahitensis J. W. Moore.
Violet flowers .....	Viola odorata L.
Violet leaves .....	Do.
Violet leaves absolute .....	Do.
Wild cherry bark .....	Prunus serotina Ehrh.
Ylang-ylang .....	Cananga odorata Hook. f. and Thoms.
Zedoary bark .....	Curcuma zedoaria Rosc.

[42 FR 14640, Mar. 15, 1977, as amended at 44 FR 3963, Jan. 19, 1979; 47 FR 29953, July 9, 1982; 48 FR 51613, Nov. 10, 1983; 50 FR 21043 and 21044, May 22, 1985]

§ 182.40 **Natural extractives (solvent-free) used in conjunction with spices, seasonings, and flavorings.**

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:

Natural extractives (solvent-free) used in conjunction with spices,

Common name	Botanical name of plant source
Apricot kernel (persic oil) .....	Prunus armeniaca L.
Peach kernel (persic oil) .....	Prunus persica Sieb. et Zucc.
Peanut stearine .....	Arachis hypogaea L.
Persic oil (see apricot kernel and peach kernel).	
Quince seed .....	Cydonia oblonga Miller.

[42 FR 14640, Mar. 15, 1977, as amended at 47 FR 47375, Oct. 26, 1982]

§ 182.50 **Certain other spices, seasonings, essential oils, oleoresins, and natural extracts.**

tracts that are generally recognized as safe for their intended use, within the meaning of section 409 of the Act, are as follows:

Certain other spices, seasonings, essential oils, oleoresins, and natural ex-

Common name	Derivation
Ambergris .....	Physeter macrocephalus L.
Castoreum .....	Castor fiber L. and C. canadensis Kuhl.
Civet (zibeth, zibet, zibetum) .....	Civet cats, Viverra civetta Schreber and Viverra zibetha Schreber.
Cognac oil, white and green .....	Ethyl oenanthate, so-called.
Musk (Tonquin musk) .....	Musk deer, Moschus moschiferus L.

§ 182.60 **Synthetic flavoring substances and adjuvants.**

nized as safe for their intended use, within the meaning of section 409 of the Act, are as follows:

Synthetic flavoring substances and adjuvants that are generally recog-

Acetaldehyde (ethanal).