



## National List Sunset Dates

**Note:** The following table is provided for informational purposes only. Refer to the National Organic Program regulations, 7 CFR Part 205, for the most up-to-date information.

National List Section	Substance	Listing	Sunset Date
205.601(a)	Calcium hypochlorite	Chlorine materials—For pre-harvest use, residual chlorine levels in the water in direct crop contact or as water from cleaning irrigation systems applied to soil must not exceed the maximum residual disinfectant limit under the Safe Drinking Water Act, except that chlorine products may be used in edible sprout production according to EPA label directions.	6/27/2017
205.601(a)	Chlorine dioxide	Chlorine materials—For pre-harvest use, residual chlorine levels in the water in direct crop contact or as water from cleaning irrigation systems applied to soil must not exceed the maximum residual disinfectant limit under the Safe Drinking Water Act, except that chlorine products may be used in edible sprout production according to EPA label directions.	6/27/2017
205.601(a)	Copper sulfate	Copper sulfate—for use as an algicide in aquatic rice systems, is limited to one application per field during any 24-month period. Application rates are limited to those which do not increase baseline soil test values for copper over a timeframe agreed upon by the producer and accredited certifying agent	11/3/2018
205.601(a)	Ethanol	Alcohols. (i) Ethanol.	6/27/2017
205.601(a)	Hydrogen peroxide	Hydrogen peroxide.	6/27/2017
205.601(a)	Isopropanol	Alcohols. (ii) Isopropanol.	6/27/2017
205.601(a)	Ozone	Ozone gas—for use as an irrigation system cleaner only.	11/3/2018
205.601(a)	Peracetic acid	Peracetic acid—for use in disinfecting equipment, seed, and asexually propagated planting material. Also permitted in hydrogen peroxide formulations as allowed in § 205.601(a) at concentration of no more than 6% as indicated on the pesticide product label.	5/29/2018



National List Section	Substance	Listing	Sunset Date
205.601(a)	Soap-based algicide/demossers	Soap-based algicide/demossers.	6/27/2017
205.601(a)	Sodium carbonate peroxyhydrate	Sodium carbonate peroxyhydrate (CAS #–15630–89–4)—Federal law restricts the use of this substance in food crop production to approved food uses identified on the product label.	6/22/2020
205.601(a)	Sodium hypochlorite	Chlorine materials—For pre-harvest use, residual chlorine levels in the water in direct crop contact or as water from cleaning irrigation systems applied to soil must not exceed the maximum residual disinfectant limit under the Safe Drinking Water Act, except that chlorine products may be used in edible sprout production according to EPA label directions.	6/27/2017
205.601(b)	Herbicides, soap-based	Herbicides, soap-based—for use in farmstead maintenance (roadways, ditches, right of ways, building perimeters) and ornamental crops.	6/27/2017
205.601(b)	Newspaper or other recycled paper	Newspaper or other recycled paper, without glossy or colored inks.	6/27/2017
205.601(b)	Plastic mulch and covers (petroleum-based other than polyvinylchloride (PVC))	Plastic mulch and covers (petroleum-based other than polyvinyl chloride (PVC)).	6/27/2017
205.601(b)	Biodegradable biobased mulch film	Biodegradable biobased mulch film as defined in §205.2. Must be produced without organisms or feedstock derived from excluded methods.	10/30/2019
205.601(c)	Newspaper or other recycled paper	As compost feedstocks—Newspapers or other recycled paper, without glossy or colored inks.	6/27/2017
205.601(d)	Soaps, ammonium	As animal repellents—Soaps, ammonium—for use as a large animal repellent only, no contact with soil or edible portion of crop.	6/27/2017
205.601(e)	Ammonium carbonate	Ammonium carbonate—for use as bait in insect traps only, no direct contact with crop or soil.	6/27/2017



National List Section	Substance	Listing	Sunset Date
205.601(e)	Aqueous potassium silicate	Aqueous potassium silicate (CAS #–1312–76–1)—the silica, used in the manufacture of potassium silicate, must be sourced from naturally occurring sand.	6/22/2020
205.601(e)	Boric acid	Boric acid—structural pest control, no direct contact with organic food or crops.	6/27/2017
205.601(e)	Copper sulfate	Copper sulfate—for use as tadpole shrimp control in aquatic rice production, is limited to one application per field during any 24-month period. Application rates are limited to levels which do not increase baseline soil test values for copper over a timeframe agreed upon by the producer and accredited certifying agent.	11/3/2018
205.601(e)	Elemental sulfur	Elemental sulfur.	6/27/2017
205.601(e)	Lime sulfur	Lime sulfur—including calcium polysulfide.	6/27/2017
205.601(e)	Oils, horticultural	Oils, horticultural—narrow range oils as dormant, suffocating, and summer oils.	6/27/2017
205.601(e)	Soaps, insecticidal	Soaps, insecticidal.	6/27/2017
205.601(e)	Sticky traps/barriers	Sticky traps/barriers.	6/27/2017
205.601(e)	Sucrose octanoate esters	Sucrose octanoate esters (CAS #s—42922–74–7; 58064–47–4)—in accordance with approved labeling.	6/27/2017
205.601(f)	Pheromones	As insect management. Pheromones.	6/27/2017
205.601(g)	Vitamin D3	Vitamin D3.	6/27/2017
205.601(h)	Ferric phosphate	As slug or snail bait. Ferric phosphate (CAS # 10045–86–0).	9/12/2021
205.601(i)	Aqueous potassium silicate	Aqueous potassium silicate (CAS #–1312–76–1)—the silica, used in the manufacture of potassium silicate, must be sourced from naturally occurring sand.	6/22/2020
205.601(i)	Copper sulfate	Copper sulfate—Substance must be used in a manner that minimizes accumulation of copper in the soil.	6/27/2017
205.601(i)	Coppers, fixed	Coppers, fixed—copper hydroxide, copper oxide, copper oxychloride, includes products exempted from EPA tolerance, Provided, That, copper-based materials must be used in a manner that minimizes accumulation in the soil and shall not be used as herbicides.	6/27/2017



National List Section	Substance	Listing	Sunset Date
205.601(i)	Elemental sulfur	Elemental sulfur.	6/27/2017
205.601(i)	Hydrated lime	Hydrated lime.	6/27/2017
205.601(i)	Hydrogen peroxide	Hydrogen peroxide.	6/27/2017
205.601(i)	Lime sulfur	Lime sulfur.	6/27/2017
205.601(i)	Oils, horticultural	Oils, horticultural, narrow range oils as dormant, suffocating, and summer oils.	6/27/2017
205.601(i)	Peracetic acid	Peracetic acid—for use to control fire blight bacteria. Also permitted in hydrogen peroxide formulations as allowed in § 205.601(i) at concentration of no more than 6% as indicated on the pesticide product label.	5/29/2018
205.601(i)	Potassium bicarbonate	Potassium bicarbonate.	6/27/2017
205.601(j)	Aquatic plant extracts	Aquatic plant extracts (other than hydrolyzed)—Extraction process is limited to the use of potassium hydroxide or sodium hydroxide; solvent amount used is limited to that amount necessary for extraction.	6/27/2017
205.601(j)	Elemental sulfur	Elemental sulfur.	6/27/2017
205.601(j)	Humic acids	Humic acids—naturally occurring deposits, water and alkali extracts only.	6/27/2017
205.601(j)	Lignin sulfonate	Lignin sulfonate—chelating agent, dust suppressant.	6/27/2017
205.601(j)	Liquid fish products	Liquid fish products—can be pH adjusted with sulfuric, citric or phosphoric acid. The amount of acid used shall not exceed the minimum needed to lower the pH to 3.5.	6/27/2017
205.601(j)	Magnesium sulfate	Magnesium sulfate—allowed with a documented soil deficiency.	6/27/2017
205.601(j)	Soluble boron products	Soluble boron products.	6/27/2017
205.601(j)	Sulfates, carbonates, oxides, or silicates of zinc, copper, iron, manganese, molybdenum, selenium, and cobalt	Sulfates, carbonates, oxides, or silicates of zinc, copper, iron, manganese, molybdenum, selenium, and cobalt.	6/27/2017
205.601(j)	Sulfurous acid	Sulfurous acid (CAS # 7782-99-2) for on-farm generation of substance utilizing 99% purity elemental sulfur per paragraph (j)(2) of this section.	6/22/2020



National List Section	Substance	Listing	Sunset Date
205.601(j)	Vitamin B1	Vitamins, B1, C, and E.	6/27/2017
205.601(j)	Vitamin C	Vitamins, B1, C, and E.	6/27/2017
205.601(j)	Vitamin E	Vitamins, B1, C, and E.	6/27/2017
205.601(k)	Ethylene	As plant growth regulators. Ethylene gas—for regulation of pineapple flowering.	6/27/2017
205.601(l)	Lignin sulfonate	Lignin sulfonate.	6/27/2017
205.601(l)	Sodium silicate	Sodium silicate—for tree fruit and fiber processing.	6/27/2017
205.601(m)	EPA List 3 - Inerts of Unknown Toxicity	As synthetic inert ingredients as classified by the Environmental Protection Agency (EPA), for use with nonsynthetic substances or synthetic substances listed in this section and used as an active pesticide ingredient in accordance with any limitations on the use of such substances. (2) EPA List 3—Inerts of unknown toxicity—for use only in passive pheromone dispensers.	11/3/2018
205.601(m)	EPA List 4 - Inerts of Minimal Concern	As synthetic inert ingredients as classified by the Environmental Protection Agency (EPA), for use with nonsynthetic substances or synthetic substances listed in this section and used as an active pesticide ingredient in accordance with any limitations on the use of such substances. (1) EPA List 4—Inerts of Minimal Concern.	6/27/2017
205.601(n)	Hydrogen chloride	Seed preparations. Hydrogen chloride (CAS # 7647-01-0)—for delinting cotton seed for planting.	9/12/2021
205.601(o)	Microcrystalline cheesewax	Microcrystalline cheesewax (CAS #'s 64742-42-3, 8009-03-08, and 8002-74-2)—for use in log grown mushroom production. Must be made without either ethylene-propylene co-polymer or synthetic colors.	3/15/2017
205.602(a)	Ash from manure burning	Ash from manure burning.	6/27/2017
205.602(b)	Arsenic	Arsenic.	6/27/2017
205.602(c)	Calcium chloride	Calcium chloride, brine process is natural and prohibited for use except as a foliar spray to treat a physiological disorder associated with calcium uptake.	11/3/2018
205.602(d)	Lead salts	Lead salts.	6/27/2017



National List Section	Substance	Listing	Sunset Date
205.602(e)	Potassium chloride	Potassium chloride—unless derived from a mined source and applied in a manner that minimizes chloride accumulation in the soil.	6/27/2017
205.602(f)	Sodium fluoaluminate	Sodium fluoaluminate (mined).	6/27/2017
205.602(g)	Sodium nitrate	Sodium nitrate—unless use is restricted to no more than 20% of the crop's total nitrogen requirement; use in spirulina production is unrestricted until October 21, 2005.	10/21/2012
205.602(h)	Strychnine	Strychnine.	6/27/2017
205.602(i)	Tobacco dust (nicotine sulfate)	Tobacco dust (nicotine sulfate).	6/27/2017
205.603(a)	Aspirin	Aspirin-approved for health care use to reduce inflammation.	6/27/2017
205.603(a)	Atropine	<p>Atropine (CAS #–51–55–8)—federal law restricts this drug to use by or on the lawful written or oral order of a licensed veterinarian, in full compliance with the AMDUCA and 21 CFR part 530 of the Food and Drug Administration regulations. Also, for use under 7 CFR part 205, the NOP requires:</p> <p>(i) Use by or on the lawful written order of a licensed veterinarian; and</p> <p>(ii) A meat withdrawal period of at least 56 days after administering to livestock intended for slaughter; and a milk discard period of at least 12 days after administering to dairy animals.</p>	6/27/2017



National List Section	Substance	Listing	Sunset Date
205.603(a)	Butorphanol	<p>Butorphanol (CAS #–42408–82–2)—federal law restricts this drug to use by or on the lawful written or oral order of a licensed veterinarian, in full compliance with the AMDUCA and 21 CFR part 530 of the Food and Drug Administration regulations. Also, for use under 7 CFR Part 205, the NOP requires:</p> <p>(i) Use by or on the lawful written order of a licensed veterinarian; and</p> <p>(ii) A meat withdrawal period of at least 42 days after administering to livestock intended for slaughter; and a milk discard period of at least 8 days after administering to dairy animals.</p>	6/27/2017
205.603(a)	Calcium hypochlorite	Chlorine materials—disinfecting and sanitizing facilities and equipment. Residual chlorine levels in the water shall not exceed the maximum residual disinfectant limit under the Safe Drinking Water Act. (i) Calcium hypochlorite.	6/27/2017
205.603(a)	Chlorhexidine	Chlorhexidine—Allowed for surgical procedures conducted by a veterinarian. Allowed for use as a teat dip when alternative germicidal agents and/or physical barriers have lost their effectiveness.	6/27/2017
205.603(a)	Chlorine dioxide	Chlorine materials—disinfecting and sanitizing facilities and equipment. Residual chlorine levels in the water shall not exceed the maximum residual disinfectant limit under the Safe Drinking Water Act. (ii) Chlorine dioxide.	6/27/2017
205.603(a)	Electrolytes	Electrolytes—without antibiotics.	6/27/2017
205.603(a)	Ethanol	Alcohols. (i) Ethanol-disinfectant and sanitizer only, prohibited as a feed additive.	6/27/2017
205.603(a)	Fenbendazole	Parasiticides. Prohibited in slaughter stock, allowed in emergency treatment for dairy and breeder stock when organic system plan-approved preventive management does not prevent infestation. Milk or milk products from a treated animal cannot be labeled as provided for in subpart D of this part for 90 days following treatment. In breeder stock, treatment cannot occur during the last third of gestation if the progeny will be sold as organic and must not be used during the lactation period for breeding stock. (i) Fenbendazole (CAS	5/16/2017



National List Section	Substance	Listing	Sunset Date
		#43210–67–9)—only for use by or on the lawful written order of a licensed veterinarian.	
205.603(a)	Flunixin	Flunixin (CAS #–38677–85–9)—in accordance with approved labeling; except that for use under 7 CFR part 205, the NOP requires a withdrawal period of at least two-times that required by the FDA.	6/27/2017
205.603(a)	Furosemide	Furosemide (CAS #–54–31–9)—in accordance with approved labeling; except that for use under 7 CFR part 205, the NOP requires a withdrawal period of at least two-times that required that required by the FDA.	6/27/2017
205.603(a)	Glucose	Glucose.	6/27/2017
205.603(a)	Glycerine	Glycerine—Allowed as a livestock teat dip, must be produced through the hydrolysis of fats or oils.	6/27/2017
205.603(a)	Hydrogen peroxide	Hydrogen peroxide.	6/27/2017
205.603(a)	Iodine	Iodine.	6/27/2017
205.603(a)	Isopropanol	Alcohols. (ii) Isopropanol-disinfectant only.	6/27/2017
205.603(a)	Ivermectin	Parasitocides. Prohibited in slaughter stock, allowed in emergency treatment for dairy and breeder stock when organic system plan-approved preventive management does not prevent infestation. Milk or milk products from a treated animal cannot be labeled as provided for in subpart D of this part for 90 days following treatment. In breeder stock, treatment cannot occur during the last third of gestation if the progeny will be sold as organic and must not be used during the lactation period for breeding stock. (ii.) Ivermectin (CAS #70288–86–7).	6/27/2017
205.603(a)	Magnesium hydroxide	Magnesium hydroxide (CAS #–1309–42–8)—federal law restricts this drug to use by or on the lawful written or oral order of a licensed veterinarian, in full compliance with the AMDUCA and 21 CFR part 530 of the Food and Drug Administration regulations. Also, for use under 7 CFR part 205, the NOP requires use by or on the lawful written order of a licensed veterinarian.	6/27/2017
205.603(a)	Magnesium sulfate	Magnesium sulfate.	6/27/2017



National List Section	Substance	Listing	Sunset Date
205.603(a)	Moxidectin	Parasiticides. Prohibited in slaughter stock, allowed in emergency treatment for dairy and breeder stock when organic system plan-approved preventive management does not prevent infestation. Milk or milk products from a treated animal cannot be labeled as provided for in subpart D of this part for 90 days following treatment. In breeder stock, treatment cannot occur during the last third of gestation if the progeny will be sold as organic and must not be used during the lactation period for breeding stock. (iii) Moxidectin (CAS #113507-06-5)—for control of internal parasites only.	5/16/2017
205.603(a)	Oxytocin	Oxytocin—use in postparturition therapeutic applications.	6/27/2017
205.603(a)	Peracetic acid	Peroxyacetic/peracetic acid (CAS #-79-21-0)—for sanitizing facility and processing equipment.	6/27/2017
205.603(a)	Phosphoric acid	Phosphoric acid—allowed as an equipment cleaner, Provided , That, no direct contact with organically managed livestock or land occurs.	6/27/2017
205.603(a)	Poloxalene	Poloxalene (CAS #-9003-11-6)—for use under 7 CFR part 205, the NOP requires that poloxalene only be used for the emergency treatment of bloat.	6/27/2017
205.603(a)	Sodium hypochlorite	Chlorine materials—disinfecting and sanitizing facilities and equipment. Residual chlorine levels in the water shall not exceed the maximum residual disinfectant limit under the Safe Drinking Water Act. (iii) Sodium hypochlorite.	6/27/2017



National List Section	Substance	Listing	Sunset Date
205.603(a)	Tolazoline	<p>Tolazoline (CAS #–59–98–3)—federal law restricts this drug to use by or on the lawful written or oral order of a licensed veterinarian, in full compliance with the AMDUCA and 21 CFR part 530 of the Food and Drug Administration regulations. Also, for use under 7 CFR part 205, the NOP requires:</p> <p>(i) Use by or on the lawful written order of a licensed veterinarian;</p> <p>(ii) Use only to reverse the effects of sedation and analgesia caused by Xylazine; and</p> <p>(iii) A meat withdrawal period of at least 8 days after administering to livestock intended for slaughter; and a milk discard period of at least 4 days after administering to dairy animals.</p>	6/27/2017
205.603(a)	Vaccines	Biologics—Vaccines.	6/27/2017
205.603(a)	Xylazine	<p>Xylazine (CAS #–7361–61–7)—federal law restricts this drug to use by or on the lawful written or oral order of a licensed veterinarian, in full compliance with the AMDUCA and 21 CFR part 530 of the Food and Drug Administration regulations. Also, for use under 7 CFR part 205, the NOP requires:</p> <p>(i) Use by or on the lawful written order of a licensed veterinarian;</p> <p>(ii) The existence of an emergency; and</p> <p>(iii) A meat withdrawal period of at least 8 days after administering to livestock intended for slaughter; and a milk discard period of at least 4 days after administering to dairy animals.</p>	6/27/2017
205.603(b)	Copper sulfate	Copper sulfate.	6/27/2017
205.603(b)	Formic Acid	Formic acid (CAS # 64-18-6)—for use as a pesticide solely within honeybee hives.	8/3/2017



National List Section	Substance	Listing	Sunset Date
205.603(b)	Hydrated lime	Lime, hydrated—as an external pest control, not permitted to cauterize physical alterations or deodorize animal wastes.	6/27/2017
205.603(b)	Iodine	Iodine.	6/27/2017
205.603(b)	Lidocaine	Lidocaine—as a local anesthetic. Use requires a withdrawal period of 90 days after administering to livestock intended for slaughter and 7 days after administering to dairy animals.	6/27/2017
205.603(b)	Mineral oil	Mineral oil—for topical use and as a lubricant.	6/27/2017
205.603(b)	Procaine	Procaine—as a local anesthetic, use requires a withdrawal period of 90 days after administering to livestock intended for slaughter and 7 days after administering to dairy animals.	6/27/2017
205.603(b)	Sucrose octanoate esters	Sucrose octanoate esters (CAS #s-42922-74-7; 58064-47-4)—in accordance with approved labeling.	6/27/2017
205.603(d)	Methionine	DL-Methionine, DL-Methionine-hydroxy analog, and DL-Methionine-hydroxy analog calcium (CAS #'s 59-51-8, 583-91-5, 4857-44-7, and 922-50-9)—for use only in organic poultry production at the following maximum levels of synthetic methionine per ton of feed: Laying and broiler chickens—2 pounds; turkeys and all other poultry—3 pounds.	10/2/2017
205.603(d)	Trace minerals	Trace minerals, used for enrichment or fortification when FDA approved.	6/27/2017
205.603(d)	Vitamins	Vitamins, used for enrichment or fortification when FDA approved.	6/27/2017
205.603(e)	EPA List 4 - Inerts of Minimal Concern	As synthetic inert ingredients as classified by the Environmental Protection Agency (EPA), for use with nonsynthetic substances or synthetic substances listed in this section and used as an active pesticide ingredient in accordance with any limitations on the use of such substances. (1) EPA List 4—Inerts of Minimal Concern.	6/27/2017
205.603(f)	Excipients	Excipients, only for use in the manufacture of drugs used to treat organic livestock when the excipient is: Identified by the FDA as Generally Recognized As Safe; Approved by the FDA as a food additive; or Included in the FDA review and approval of a New Animal Drug Application or New Drug Application.	6/27/2017



National List Section	Substance	Listing	Sunset Date
205.604(a)	Strychnine	Strychnine.	6/27/2017
205.605(a)	Agar-agar	Agar-agar.	11/3/2018
205.605(a)	Alginic acid	Acids (Alginic; Citric—produced by microbial fermentation of carbohydrate substances; and Lactic).	6/27/2017
205.605(a)	Animal enzymes	Animal enzymes—(Rennet—animals derived; Catalase—bovine liver; Animal lipase; Pancreatin; Pepsin; and Trypsin).	11/3/2018
205.605(a)	Attapulgate	Attapulgate—as a processing aid in the handling of plant and animal oils.	8/3/2017
205.605(a)	Bentonite	Bentonite.	6/27/2017
205.605(a)	Calcium carbonate	Calcium carbonate.	6/27/2017
205.605(a)	Calcium chloride	Calcium chloride.	6/27/2017
205.605(a)	Calcium sulfate	Calcium sulfate—mined.	11/3/2018
205.605(a)	Carnauba wax	Waxes—nonsynthetic (Carnauba wax; and Wood resin).	6/27/2017
205.605(a)	Carrageenan	Carrageenan.	11/3/2018
205.605(a)	Citric acid	Acids (Alginic; Citric—produced by microbial fermentation of carbohydrate substances; and Lactic).	6/27/2017
205.605(a)	Dairy cultures	Dairy cultures.	6/27/2017
205.605(a)	Diatomaceous earth	Diatomaceous earth—food filtering aid only.	6/27/2017
205.605(a)	Enzymes	Enzymes—must be derived from edible, nontoxic plants, nonpathogenic fungi, or nonpathogenic bacteria.	6/27/2017
205.605(a)	Flavors	Flavors, nonsynthetic sources only and must not be produced using synthetic solvents and carrier systems or any artificial preservative.	6/27/2017
205.605(a)	Gellan gum	Gellan gum (CAS # 71010–52–1)—high-acyl form only.	6/22/2020
205.605(a)	Glucono delta-lactone	Glucono delta-lactone—production by the oxidation of D-glucose with bromine water is prohibited.	11/3/2018
205.605(a)	Kaolin	Kaolin.	6/27/2017
205.605(a)	Lactic acid	Acids (Alginic; Citric—produced by microbial fermentation of carbohydrate substances; and Lactic).	6/27/2017



National List Section	Substance	Listing	Sunset Date
205.605(a)	L-Malic acid	L-Malic acid (CAS # 97-67-6).	9/12/2021
205.605(a)	Magnesium sulfate	Magnesium sulfate, nonsynthetic sources only.	6/27/2017
205.605(a)	Microorganisms	Microorganisms—any food grade bacteria, fungi, and other microorganism.	9/12/2021
205.605(a)	Nitrogen	Nitrogen—oil-free grades.	6/27/2017
205.605(a)	Oxygen	Oxygen—oil-free grades.	6/27/2017
205.605(a)	Perlite	Perlite—for use only as a filter aid in food processing.	6/27/2017
205.605(a)	Potassium chloride	Potassium chloride.	6/27/2017
205.605(a)	Potassium iodide	Potassium iodide.	6/27/2017
205.605(a)	Sodium bicarbonate	Sodium bicarbonate.	6/27/2017
205.605(a)	Sodium carbonate	Sodium carbonate.	6/27/2017
205.605(a)	Tartaric acid	Tartaric acid—made from grape wine.	11/3/2018
205.605(a)	Wood resin	Waxes—nonsynthetic (Carnauba wax; and Wood resin).	6/27/2017
205.605(a)	Yeast	Yeast—When used as food or a fermentation agent in products labeled as “organic,” yeast must be organic if its end use is for human consumption; nonorganic yeast may be used when organic yeast is not commercially available. Growth on petrochemical substrate and sulfite waste liquor is prohibited. For smoked yeast, nonsynthetic smoke flavoring process must be documented.	10/21/2017
205.605(b)	Acidified sodium chlorite	Acidified sodium chlorite—Secondary direct antimicrobial food treatment and indirect food contact surface sanitizing. Acidified with citric acid only.	3/15/2017
205.605(b)	Activated charcoal	Activated charcoal (CAS #s 7440-44-0; 64365-11-3)—only from vegetative sources; for use only as a filtering aid.	9/12/2021
205.605(b)	Alginates	Alginates.	6/27/2017
205.605(b)	Ammonium bicarbonate	Ammonium bicarbonate—for use only as a leavening agent.	6/27/2017
205.605(b)	Ammonium carbonate	Ammonium carbonate—for use only as a leavening agent.	6/27/2017
205.605(b)	Ascorbic acid	Ascorbic acid.	6/27/2017
205.605(b)	Calcium citrate	Calcium citrate.	6/27/2017
205.605(b)	Calcium hydroxide	Calcium hydroxide.	6/27/2017



National List Section	Substance	Listing	Sunset Date
205.605(b)	Calcium hypochlorite	Chlorine materials—disinfecting and sanitizing food contact surfaces, Except, That, residual chlorine levels in the water shall not exceed the maximum residual disinfectant limit under the Safe Drinking Water Act (Calcium hypochlorite; Chlorine dioxide; and Sodium hypochlorite).	6/27/2017
205.605(b)	Calcium phosphate dibasic	Calcium phosphates (monobasic, dibasic, and tribasic).	6/27/2017
205.605(b)	Calcium phosphate monobasic	Calcium phosphates (monobasic, dibasic, and tribasic).	6/27/2017
205.605(b)	Calcium phosphate tribasic	Calcium phosphates (monobasic, dibasic, and tribasic).	6/27/2017
205.605(b)	Carbon dioxide	Carbon dioxide.	6/27/2017
205.605(b)	Cellulose	Cellulose—for use in regenerative casings, as an anti-caking agent (non-chlorine bleached) and filtering aid.	11/3/2018
205.605(b)	Chlorine dioxide	Chlorine materials—disinfecting and sanitizing food contact surfaces, Except, That, residual chlorine levels in the water shall not exceed the maximum residual disinfectant limit under the Safe Drinking Water Act (Calcium hypochlorite; Chlorine dioxide; and Sodium hypochlorite).	6/27/2017
205.605(b)	Diglycerides	Glycerides (mono and di)—for use only in drum drying of food.	6/27/2017
205.605(b)	Ethylene	Ethylene—allowed for postharvest ripening of tropical fruit and degreening of citrus.	6/27/2017
205.605(b)	Ferrous sulfate	Ferrous sulfate—for iron enrichment or fortification of foods when required by regulation or recommended (independent organization).	6/27/2017
205.605(b)	Glycerin	Glycerin—produced by hydrolysis of fats and oils.	6/27/2017
205.605(b)	Hydrogen peroxide	Hydrogen peroxide.	6/27/2017
205.605(b)	Magnesium carbonate	Magnesium carbonate—for use only in agricultural products labeled “made with organic (specified ingredients or food group(s)),” prohibited in agricultural products labeled “organic”.	6/27/2017
205.605(b)	Magnesium chloride	Magnesium chloride—derived from sea water.	6/27/2017



National List Section	Substance	Listing	Sunset Date
205.605(b)	Magnesium stearate	Magnesium stearate—for use only in agricultural products labeled “made with organic (specified ingredients or food group(s)),” prohibited in agricultural products labeled “organic”.	6/27/2017
205.605(b)	Monoglycerides	Glycerides (mono and di)—for use only in drum drying of food.	6/27/2017
205.605(b)	Nutrient vitamins and minerals	Nutrient vitamins and minerals, in accordance with 21 CFR 104.20, Nutritional Quality Guidelines For Foods.	10/21/2017
205.605(b)	Ozone	Ozone.	6/27/2017
205.605(b)	Peracetic acid	Peracetic acid/Peroxyacetic acid (CAS # 79–21–0)—for use in wash and/or rinse water according to FDA limitations. For use as a sanitizer on food contact surfaces.	9/12/2021
205.605(b)	Phosphoric acid	Phosphoric acid—cleaning of food-contact surfaces and equipment only.	6/27/2017
205.605(b)	Potassium acid tartrate	Potassium acid tartrate.	6/27/2017
205.605(b)	Potassium carbonate	Potassium carbonate.	6/27/2017
205.605(b)	Potassium citrate	Potassium citrate.	6/27/2017
205.605(b)	Potassium hydroxide	Potassium hydroxide—prohibited for use in lye peeling of fruits and vegetables except when used for peeling peaches.	5/29/2018
205.605(b)	Potassium phosphate	Potassium phosphate—for use only in agricultural products labeled “made with organic (specific ingredients or food group(s)),” prohibited in agricultural products labeled “organic”.	6/27/2017
205.605(b)	Silicon dioxide	Silicon dioxide—Permitted as a defoamer. Allowed for other uses when organic rice hulls are not commercially available.	11/3/2018
205.605(b)	Sodium acid pyrophosphate	Sodium acid pyrophosphate (CAS # 7758–16–9)—for use only as a leavening agent.	9/12/2021
205.605(b)	Sodium citrate	Sodium citrate.	6/27/2017
205.605(b)	Sodium hydroxide	Sodium hydroxide—prohibited for use in lye peeling of fruits and vegetables.	6/27/2017



National List Section	Substance	Listing	Sunset Date
205.605(b)	Sodium hypochlorite	Chlorine materials—disinfecting and sanitizing food contact surfaces, Except, That, residual chlorine levels in the water shall not exceed the maximum residual disinfectant limit under the Safe Drinking Water Act (Calcium hypochlorite; Chlorine dioxide; and Sodium hypochlorite).	6/27/2017
205.605(b)	Sodium phosphates	Sodium phosphates—for use only in dairy foods.	6/27/2017
205.605(b)	Sulfur dioxide	Sulfur dioxide—for use only in wine labeled “made with organic grapes,” Provided, That, total sulfite concentration does not exceed 100 ppm.	6/27/2017
205.605(b)	Tocopherols	Tocopherols—derived from vegetable oil when rosemary extracts are not a suitable alternative.	6/27/2017
205.605(b)	Xanthan gum	Xanthan gum.	6/27/2017
205.606	Arabic gum	Gums—water extracted only (Arabic; Guar; Locust bean; and Carob bean).	6/27/2017
205.606	Beet juice extract color	Beet juice extract color (pigment CAS # 7659–95–2).	6/27/2017
205.606	Beta-carotene extract color	Beta-carotene extract color—derived from carrots or algae (pigment CAS# 7235-40-7).	5/29/2018
205.606	Black currant juice color	Black currant juice color (pigment CAS #'s: 528–58–5, 528–53–0, 643–84–5, 134–01–0, 1429–30–7, and 134–04–3).	6/27/2017
205.606	Black/Purple carrot juice color	Black/Purple carrot juice color (pigment CAS #'s: 528–58–5, 528–53–0, 643–84–5, 134–01–0, 1429–30–7, and 134–04–3).	6/27/2017
205.606	Blueberry juice color	Blueberry juice color (pigment CAS #'s: 528–58–5, 528–53–0, 643–84–5, 134–01–0, 1429–30–7, and 134–04–3).	6/27/2017
205.606	Carob bean gum	Gums—water extracted only (Arabic; Guar; Locust bean; and Carob bean).	6/27/2017
205.606	Carrot juice color	Carrot juice color (pigment CAS # 1393–63–1).	6/27/2017
205.606	Casings	Casings, from processed intestines.	6/27/2017
205.606	Celery powder	Celery powder.	6/27/2017
205.606	Cherry juice color	Cherry juice color (pigment CAS #'s: 528–58–5, 528–53–0, 643–84–5, 134–01–0, 1429–30–7, and 134–04–3).	6/27/2017
205.606	Chia (Salvia hispanica L.)	Chia ( Salvia hispanica L. ).	6/27/2017



National List Section	Substance	Listing	Sunset Date
205.606	Chokeberry—Aronia juice color	Chokeberry—Aronia juice color (pigment CAS #'s: 528-58-5, 528-53-0, 643-84-5, 134-01-0, 1429-30-7, and 134-04-3).	6/27/2017
205.606	Cornstarch (native)	Cornstarch (native).	6/27/2017
205.606	Dillweed oil	Dillweed oil (CAS # 8006-75-5).	6/27/2017
205.606	Elderberry juice color	Elderberry juice color (pigment CAS #'s: 528-58-5, 528-53-0, 643-84-5, 134-01-0, 1429-30-7, and 134-04-3).	6/27/2017
205.606	Fish oil	Fish oil (Fatty acid CAS #'s: 10417-94-4, and 25167-62-8)—stabilized with organic ingredients or only with ingredients on the National List, §§205.605 and 205.606.	6/27/2017
205.606	Fructooligosaccharides	Fructooligosaccharides (CAS # 308066-66-2).	6/27/2017
205.606	Galangal, frozen	Galangal, frozen.	6/27/2017
205.606	Gelatin	Gelatin (CAS # 9000-70-8).	6/27/2017
205.606	Grape juice color	Grape juice color (pigment CAS #'s: 528-58-5, 528-53-0, 643-84-5, 134-01-0, 1429-30-7, and 134-04-3).	6/27/2017
205.606	Grape skin extract color	Grape skin extract color (pigment CAS #'s: 528-58-5, 528-53-0, 643-84-5, 134-01-0, 1429-30-7, and 134-04-3).	6/27/2017
205.606	Guar gum	Gums—water extracted only (Arabic; Guar; Locust bean; and Carob bean).	6/27/2017
205.606	Inulin-oligofructose enriched	Inulin-oligofructose enriched (CAS # 9005-80-5).	6/27/2017
205.606	Kelp	Kelp—for use only as a thickener and dietary supplement.	6/27/2017
205.606	Konjac flour	Konjac flour (CAS # 37220-17-0).	6/27/2017
205.606	Lecithin—de-oiled	Lecithin—de-oiled.	3/15/2017
205.606	Lemongrass-frozen	Lemongrass—frozen.	6/27/2017
205.606	Locust bean gum	Gums—water extracted only (Arabic; Guar; Locust bean; and Carob bean).	6/27/2017
205.606	Orange pulp, dried	Orange pulp, dried.	3/15/2017
205.606	Orange shellac-unbleached	Orange shellac-unbleached (CAS # 9000-59-3).	6/27/2017
205.606	Paprika color	Paprika color (CAS # 68917-78-2)—dried, and oil extracted.	6/27/2017



National List Section	Substance	Listing	Sunset Date
205.606	Pectin (non-amidated forms only)	Pectin (non-amidated forms only).	6/27/2017
205.606	Peppers (Chipotle chile)	Peppers (Chipotle chile).	6/27/2017
205.606	Pumpkin juice color	Pumpkin juice color (pigment CAS # 127-40-2).	6/27/2017
205.606	Purple potato juice	Purple potato juice (pigment CAS #'s: 528-58-5, 528-53-0, 643-84-5, 134-01-0, 1429-30-7, and 134-04-3).	6/27/2017
205.606	Red cabbage extract color	Red cabbage extract color (pigment CAS #'s: 528-58-5, 528-53-0, 643-84-5, 134-01-0, 1429-30-7, and 134-04-3).	6/27/2017
205.606	Red radish extract color	Red radish extract color (pigment CAS #'s: 528-58-5, 528-53-0, 643-84-5, 134-01-0, 1429-30-7, and 134-04-3).	6/27/2017
205.606	Saffron extract color	Saffron extract color (pigment CAS # 1393-63-1).	6/27/2017
205.606	Seaweed, Pacific kombu	Seaweed, Pacific kombu.	3/15/2017
205.606	Sweet potato starch	Sweet potato starch—for bean thread production only.	6/27/2017
205.606	Tragacanth gum	Tragacanth gum (CAS #-9000-65-1).	6/22/2020
205.606	Turkish bay leaves	Turkish bay leaves.	6/27/2017
205.606	Turmeric extract color	Turmeric extract color (CAS # 458-37-7).	6/27/2017
205.606	Wakame seaweed (Undaria pinnatifida)	Wakame seaweed ( Undaria pinnatifida ).	6/27/2017
205.606	Whey protein concentrate	Whey protein concentrate.	6/27/2017