

1400 Independence Avenue SW. Room 2646-South Building Washington, DC 20250

## **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			Sunset/Expiration
Section	Substance	Listing	Date
		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	
205.601(a)	Calcium hypochlorite	sprout production according to EPA label directions.	6/27/2017
		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	
205.601(a)	Chlorine dioxide	sprout production according to EPA label directions.	6/27/2017
		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	
205.601(a)	Copper sulfate	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
		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%	
205.601(a)	Peracetic acid	as indicated on the pesticide product label.	5/29/2018
	Soap-based		
205.601(a)	algicide/demossers	Soap-based algicide/demossers.	6/27/2017



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National List Section	Substance	Listing	Sunset/Expiration Date
Section	Substance		Date
		Sodium carbonate peroxyhydrate (CAS #–15630–89–4)—Federal law restricts	
205 601(2)	Sodium carbonate	the use of this substance in food crop production to approved food uses	12/14/2015
205.601(a)	peroxyhydrate	identified on the product label. Chlorine materials—For pre-harvest use, residual chlorine levels in the water	12/14/2015
		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	
205.601(a)	Sodium hypochlorite	sprout production according to EPA label directions.	6/27/2017
(u)		Herbicides, soap-based—for use in farmstead maintenance (roadways,	
205.601(b)	Herbicides, soap-based	ditches, right of ways, building perimeters) and ornamental crops.	6/27/2017
200.001(0)	Newspaper or other		0/2//201/
205.601(b)	recycled paper	Newspaper or other recycled paper, without glossy or colored inks.	6/27/2017
200.001(0)			0/2//201/
	Plastic mulch and covers		
	(petroleum-based other than polyvinylchloride	Plastic mulch and covers (petroleum-based other than polyvinyl chloride	
205.601(b)	(PVC))	(PVC)).	6/27/2017
203.001(0)	Newspaper or other	As compost feedstocks—Newspapers or other recycled paper, without glossy	0/2//2017
205.601(c)	recycled paper	or colored inks.	6/27/2017
205.001(0)			0/2//2017
205.601(d)	Soaps, ammonium	As animal repellents—Soaps, ammonium—for use as a large animal repellant only, no contact with soil or edible portion of crop.	6/27/2017
203.001(0)	Soaps, annionium		0/2//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
205.001(8)		Aqueous potassium silicate (CAS #–1312–76–1)—the silica, used in the	0/2//2017
	Aqueous potassium	manufacture of potassium silicate, must be sourced from naturally occurring	
205.601(e)	silicate	sand.	12/14/2015
200.001(0)		Boric acid—structural pest control, no direct contact with organic food or	
205.601(e)	Boric acid	crops.	6/27/2017



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National List			Sunset/Expiration
Section	Substance	Listing	Date
		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	11/2/2010
205.601(e)	Copper sulfate	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
		Oils, horticultural—narrow range oils as dormant, suffocating, and summer	
205.601(e)	Oils, horticultural	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
	Sucrose octanoate	Sucrose octanoate esters (CAS #s-42922-74-7; 58064-47-4)—in accordance	
205.601(e)	esters	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).	9/12/2016
		Aqueous potassium silicate (CAS #-1312-76-1)—the silica, used in the	
	Aqueous potassium	manufacture of potassium silicate, must be sourced from naturally occurring	
205.601(i)	silicate	sand.	12/14/2015
		Copper sulfate—Substance must be used in a manner that minimizes	
205.601(i)	Copper sulfate	accumulation of copper in the soil.	6/27/2017
		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	
205.601(i)	Coppers, fixed	and shall not be used as herbicides.	6/27/2017
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



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National List			Sunset/Expiration
Section	Substance	Listing	Date
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(i)	Streptomycin	Streptomycin, for fire blight control in apples and pears only until October 21, 2014.	10/21/2014
205.601(i)	Tetracycline	Tetracycline, for fire blight control in apples and pears only until October 21, 2014.	10/21/2014
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.	7/7/2015



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National List			Sunset/Expiration
Section	Substance	Listing	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
	EPA List 3 - Inerts of	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	
205.601(m)	Unknown Toxicity EPA List 4 - Inerts of	<ul> <li>unknown toxicity—for use only in passive pheromone dispensers.</li> <li>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</li> </ul>	11/3/2018
205.601(m)	Minimal Concern	Minimal Concern.	6/27/2017
205.601(n)	Hydrogen chloride	Seed preparations. Hydrogen chloride (CAS # 7647–01–0)—for delinting cotton seed for planting. Microcrystalline cheesewax (CAS #'s 64742–42–3, 8009–03–08, and 8002–74–	9/12/2016
205.601(o)	Microcrystalline cheesewax	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
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

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National List			Sunset/Expiration
Section	Substance	Listing	Date
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	<ul> <li>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:</li> <li>(i) Use by or on the lawful written order of a licensed veterinarian; and</li> <li>(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.</li> <li>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</li> </ul>	6/24/2017
205.603(a)	Butorphanol	<ul> <li>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:</li> <li>(i) Use by or on the lawful written order of a licensed veterinarian; and</li> <li>(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.</li> </ul>	6/27/2017
205.603(a)	Calcium hypochlorite	Chlorine materials—disinfecting and sanitizing facilities and equipment.	6/27/2017



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National List Section	Substance	Listing	Sunset/Expiration Date
Section	Substance	Residual chlorine levels in the water shall not exceed the maximum residual	Dute
		disinfectant limit under the Safe Drinking Water Act. (i) Calcium hypochlorite.	
		Chlorhexidine—Allowed for surgical procedures conducted by a veterinarian.	
		Allowed for use as a teat dip when alternative germicidal agents and/or	
205.603(a)	Chlorhexidine	physical barriers have lost their effectiveness.	6/27/2017
		Chlorine materials—disinfecting and sanitizing facilities and equipment.	
		Residual chlorine levels in the water shall not exceed the maximum residual	
205.603(a)	Chlorine dioxide	disinfectant limit under the Safe Drinking Water Act. (ii) Chlorine dioxide.	6/27/2017
205.603(a)	Electrolytes	Electrolytes—without antibiotics.	6/27/2017
		Alcohols. (i) Ethanol-disinfectant and sanitizer only, prohibited as a feed	
205.603(a)	Ethanol	additive.	6/27/2017
		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	
205 (02(-)	E. d d d.	#43210–67–9)—only for use by or on the lawful written order of a licensed	F /4 C /2047
205.603(a)	Fenbendazole	veterinarian.	5/16/2017
		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	
205.603(a)	Flunixin	least two-times that required by the FDA.	6/27/2017
		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	
205.603(a)	Furosemide	least two-times that required that required by the FDA.	6/27/2017
205.603(a)	Glucose	Glucose.	6/27/2017
		Glycerine—Allowed as a livestock teat dip, must be produced through the	
205.603(a)	Glycerine	hydrolysis of fats or oils.	6/27/2017
205.603(a)	Hydrogen peroxide	Hydrogen peroxide.	6/27/2017

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National List			Sunset/Expiration
Section	Substance	Listing	Date
205.603(a)	Iodine	Iodine.	6/27/2017
205.603(a)	Isopropanol	Alcohols. (ii) Isopropanol-disinfectant only.	6/27/2017
205.603(a)	Ivermectin	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. (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
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



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National List			Sunset/Expiration
Section	Substance	Listing	Date
		Poloxalene (CAS #–9003–11–6)—for use under 7 CFR part 205, the NOP	
205.603(a)	Poloxalene	requires that poloxalene only be used for the emergency treatment of bloat.	6/27/2017
		Chlorine materials—disinfecting and sanitizing facilities and equipment.	
		Residual chlorine levels in the water shall not exceed the maximum residual	
205.603(a)	Sodium hypochlorite	disinfectant limit under the Safe Drinking Water Act. (iii) Sodium hypochlorite.	6/27/2017
		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:	
		(i) Use by or on the lawful written order of a licensed veterinarian;	
		(ii) Use only to reverse the effects of sedation and analgesia caused by Xylazine; and	
205.603(a)	Tolazoline	(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.	6/27/2017
205.603(a)	Vaccines	Biologics—Vaccines.	6/27/2017



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National List Section	Substance	Listing	Sunset/Expiration Date
Section	Substance	<ul> <li>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:</li> <li>(i) Use by or on the lawful written order of a licensed veterinarian;</li> <li>(ii) The existence of an emergency; and</li> <li>(iii) A meat withdrawal period of at least 8 days after administering to</li> </ul>	Date
205.603(a)	Xylazine	livestock intended for slaughter; and a milk discard period of at least 4 days after administering to dairy animals.	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
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	lodine.	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



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National List	Cubatanaa	Linting	Sunset/Expiration
Section	Substance	Listing	Date
		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;	
205.603(d)	Methionine	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
		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	
205 (02/2)	EPA List 4 - Inerts of	with any limitations on the use of such substances. (1) EPA List 4—Inerts of	C /27 /2017
205.603(e)	Minimal Concern	Minimal Concern.	6/27/2017
		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	
205.603(f)	Excipients	Application.	6/27/2017
205.604(a)	Strychnine	Strychnine.	6/27/2017
205.605(a)	Agar-agar	Agar-agar.	11/3/2018
		Acids (Alginic; Citric—produced by microbial fermentation of carbohydrate	
205.605(a)	Alginic acid	substances; and Lactic).	6/27/2017
		Animal enzymes—(Rennet—animals derived; Catalase—bovine liver; Animal	
205.605(a)	Animal enzymes	lipase; Pancreatin; Pepsin; and Trypsin).	11/3/2018
205.605(a)	Attapulgite	Attapulgite—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



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National List			Sunset/Expiration
Section	Substance	Listing	Date
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)	Egg white lysozyme	Egg white lysozyme (CAS # 9001–63–2).	9/12/2016
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.	12/14/2015
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
205.605(a)	L-Malic acid	L-Malic acid (CAS # 97–67–6).	9/12/2016
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.	9/12/2016
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



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National List			Sunset/Expiration
Section	Substance	Listing	Date
205.605(a)	Wood resin	Waxes—nonsynthetic (Carnauba wax; and Wood resin).	6/27/2017
		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	
	Voost	prohibited. For smoked yeast, nonsynthetic smoke flavoring process must be	10/21/2017
205.605(a)	Yeast	documented.	10/21/2017
	Acidified sodium chlorite	Acidified sodium chlorite—Secondary direct antimicrobial food treatment and	2/15/2017
205.605(b)	chiorite	indirect food contact surface sanitizing. Acidified with citric acid only.	3/15/2017
		Activated charcoal (CAS #s 7440–44–0; 64365–11–3)—only from vegetative	0/12/2016
205.605(b)	Activated charcoal	sources; for use only as a filtering aid.	9/12/2016
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
		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	
205.605(b)	Calcium hypochlorite	hypochlorite; Chlorine dioxide; and Sodium hypochlorite).	6/27/2017
	Calcium phosphate		
205.605(b)	dibasic	Calcium phosphates (monobasic, dibasic, and tribasic).	6/27/2017
	Calcium phosphate		
205.605(b)	monobasic	Calcium phosphates (monobasic, dibasic, and tribasic).	6/27/2017
	Calcium phosphate		
205.605(b)	tribasic	Calcium phosphates (monobasic, dibasic, and tribasic).	6/27/2017
205.605(b)	Carbon dioxide	Carbon dioxide.	6/27/2017



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National List			Sunset/Expiration
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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)	Cyclohexylamine	Cyclohexylamine (CAS # 108–91–8)—for use only as a boiler water additive for packaging sterilization.	9/12/2016
205.605(b)	Diethylaminoethanol	Diethylaminoethanol (CAS # 100–37–8)—for use only as a boiler water additive for packaging sterilization.	9/12/2016
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
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)	Octadecylamine	Octadecylamine (CAS # 124–30–1)—for use only as a boiler water additive for packaging sterilization.	9/12/2016



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National List			Sunset/Expiration
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205.605(b)	Ozone	Ozone.	6/27/2017
		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	
205.605(b)	Peracetic acid	surfaces.	9/12/2016
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.	9/12/2016
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
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
		Sulfur dioxide—for use only in wine labeled "made with organic grapes,"	-, -, ,,
205.605(b)	Sulfur dioxide	Provided, That, total sulfite concentration does not exceed 100 ppm.	6/27/2017
205.605(b)	Tetrasodium pyrophosphate	Tetrasodium pyrophosphate (CAS # 7722–88–5)—for use only in meat analog products.	9/12/2016



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National List			Sunset/Expiration
Section	Substance	Listing	Date
		Tocopherols—derived from vegetable oil when rosemary extracts are not a	
205.605(b)	Tocopherols	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
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

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National List Section	Substance	Listing	Sunset/Expiration Date
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	Hops (Humulus luplus)	Hops ( Humulus lupulus ) until January 1, 2013.	1/1/2013
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	Marsala	Marsala.	12/14/2015
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
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



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National List Section	Substance	Listing	Sunset/Expiration Date
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	Rice starch, unmodified	Rice starch, unmodified (CAS # 977000–08–0)—for use in organic handling until June 21, 2009.	6/21/2009
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	Sherry	Sherry.	12/14/2015
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).	12/14/2015
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