§ 180.940 Tolerance exemptions for active and inert ingredients for use in antimicrobial formulations (Food-contact surface sanitizing solutions).

Residues of the following chemical substances are exempted from the requirement of a tolerance when used in accordance with good manufacturing practice as ingredients in an antimicrobial pesticide formulation, provided that the substance is applied on a semi-permanent or permanent food-contact surface (other than being applied on food packaging) with adequate draining before contact with food.

(a) The following chemical substances when used as ingredients in an antimicrobial pesticide formulation may be applied to: Food-contact surfaces in public eating places, dairy-processing equipment, and food-processing equipment and utensils.

TABLE 1 TO PARAGRAPH (a)

Pesticide Chemical	CAS Reg. No.	Limits
Acetal	105–57–7	When ready for use, the end-use concentration is not to exceed 100 ppm
acetaldehyde ethyl cis-3-hexenyl acetal.	28069–74–1	When ready for use, the end-use concentration is not to exceed 100 ppm
Acetic acid	64–19–7	When ready for use, the end-use concentration is not to exceed 100 ppm
Acetic acid, octyl ester	112–14–1	When ready for use, the end-use concentration is not to exceed 100 ppm
Acetophenone	98–86–2	When ready for use, the end-use concentration is not to exceed 100 ppm
Adipic acid	124–04–9	When ready for use, the end-use concentration is not to exceed 100 ppm
alcohols, $C_{16–18}$, distn. residues.	68603–17–8. 1190630–03–5.	
alkenes, $C_{18–22}$, mixed with polyethylene, oxidized, hydrolyzed, distn. residues from $C_{16–18}$ alcs. manuf.	1430895–61–6.	
alkenes, $C_{18–22}$, mixed with polyethylene, oxidized, hydrolyzed, distn. residues from $C_{20–22}$ alcs. manuf.	1430895–62–7.	
Alkylbenzene sulfonates (branched and linear) of chain lengths C_{10}-C_{16}, including benzenesulfonic acid, dodecyl and benzenesulfonic acid, dodecyl-, sodium salt.	27176–87–0 25155–30–0	When ready for use, the end-use concentration is not to exceed 700 ppm
Alkyl cylcohexylpropionate	2705–87–5	When ready for use, the end-use concentration is not to exceed 100 ppm

α-Alkyl-ω-hydroxypoly (oxypropylene) and/or poly (oxyethylene) polymers where the alkyl chain contains a minimum of six carbons.	9002–92–0; 9004–95–9; 9004–98–2; 9005–00–9; 9035–85–2; l≤9038–29–3; 9038–43–1; 9040–05–5; 9043–30–5; 9087–53–0; 25190–05–0; 24938–91–8; 25231–21–4; 251553–55–6; 26183–52–8; 26468–86–0; 26636–39–5; 26636–40–8; 27252–75–1; 27306–79–2; 31726–34–8; 32128–65–7; 34398–01–1; 34398–05–5; 37251–67–5; 37311–00–5; 37311–01–6; 37311–02–7; 37311–04–9; 39587–22–9; 50861–66–0; 52232–09–4; 52292–17–8; 52609–19–5; 57679–21–7; 59112–62–8; 60636–37–5; 60828–78–6; 61702–78–1; 61723–78–2; 61725–89–1; 61791–13–7; 61791–20–6; 61791–28–4; 61804–34–0; 61827–42–7; 61827–84–7; 62648–50–4; 63303–01–5; 63658–45–7; 63793–60–2; 64366–70–7; 64415–24–3; 64415–25–4; 64425–86–1; 65104–72–5; 65150–81–4; 66455–14–9; 66455–15–0; 67254–71–1; 67763–08–0; 68002–96–0; 68002–97–1; 68131–39–5; 68131–40–8; 68154–96–1; 68154–97–2; 68154–98–3; 68155–01–1; 68213–23–0; 68213–24–1; 68238–81–3; 68238–82–4; 68409–58–5; 68409–59–6; 68439–30–5; 68439–45–2; 68439–46–3; 68439–48–5; 68439–49–6; 68439–50–9; 68439–51–0; 68439–53–2; 68439–54–3; 68458–88–8; 68526–94–3; 68526–95–4; 68551–12–2; 68551–13–3; 68551–14–4; 68603–20–3; 68603–25–8; 68920–66–1; 68920–69–4; 68937–66–6; 68951–67–7; 68954–94–9; 68987–81–5; 68991–48–0; 69011–36–5; 69013–18–9; 69013–19–0; 69227–20–9; 69227–21–0; 69227–22–1; 69364–63–2; 70750–27–5; 70879–83–3; 70955–07–6; 71011–10–4; 71060–57–6; 71243–46–4; 72066–65–0; 72108–90–8; 72484–69–6; 72854–13–8; 72905–87–4; 73018–31–2; 73049–34–0; 74432–13–6; 74499–34–6; 78330–19–5; 78330–20–8; 78330–21–9; 78330–23–1; 79771–03–2; 84133–50–6; 85422–93–1; 97043–91–9; 97953–22–5; 102782–43–4; 103331–86–8; 103657–84–7; 103657–85–8; 103818–93–5; 103819–03–0; 106232–83–1; 111905–54–5; 116810–31–2; 116810–32–3; 116810–33–4; 120313–48–6; 120944–68–5; 121617–09–2; 126646–02–4; 126950–62–7; 127036–24–2; 139626–71–4; 152231–44–2; 154518–36–2; 157627–86–6; 157627–88–8; 157707–41–0; 157707–43–2; 159653–49–3; 160875–66–1; 160901–20–2; 160901–09–7; 160901–19–9; 161025–21–4; 161025–22–5; 161133–70–6; 166736–08–9; 169107–21–5; 172588–43–1; 176022–76–7; 196823–11–7; 287935–46–0; 288260–45–7; 303176–75–2; 954108–36–2; 2222805–23–2; 2409830–33–5.	None
C10-C18-Alkyl dimethyl amine oxides.	1643–20–5, 2571–88–2, 2605–79–0, 3332–27–2, 61788–90–7, 68955–55–5, 70592–80–2, 7128–91–8, 85408–48–6, and 85408–49–7.	When ready for use, the end-use concentration is not to exceed 1,350 ppm
allyl alpha-ionone	79–78–7	When ready for use, the end-use concentration is not to exceed 100 ppm
Aluminum sulfate	10043–01–3	When ready for use, the end-use concentration is not to exceed 50 ppm
2-propen-1-aminium, *N,N*-dimethyl-*N*-propenyl-, chloride, homopolymer.	26062–79–3	When ready for use, the end-use concentration is not to exceed 0.6%
Ammonium chloride	12125–02–9	When ready for use, the end-use concentration is not to exceed 48 ppm
Amyl butyrate	540–18–1	When ready for use, the end-use concentration is not to exceed 100 ppm
Amyl formate	638–49–3	When ready for use, the end-use concentration is not to exceed 100 ppm
Amyl hexanoate	540–07–8	When ready for use, the end-use concentration is not to exceed 100 ppm
Amylopectin, acid-hydrolyzed, 1-oxtenylbutanedioate.	113894–85–2	None
Amylopectin, hydrogen 1-octadecenylbutanedioate.	125109–81–1	None

TABLE 1 TO PARAGRAPH (a)—Continued

Pesticide Chemical	CAS Reg. No.	Limits
Aspartic acid, N-(1,2-dicarboxyethyl)-, tetrasodium salt.	144538–83–0	When ready for use, the end-use concentration is not to exceed 5000 ppm
Benzaldehyde	100–52–7	When ready for use, the end-use concentration is not to exceed 100 ppm
benzyl alcohol	100–51–6	When ready for use, the end-use concentration is not to exceed 100 ppm
benzyl butyrate	103–37–7	When ready for use, the end-use concentration is not to exceed 100 ppm
benzyl isobutyrate	103–28–6	When ready for use, the end-use concentration is not to exceed 100 ppm
benzyl propionate	122–63–4	When ready for use, the end-use concentration is not to exceed 100 ppm
benzaldehyde, 4-methoxy-	123–11–5	When ready for use, the end-use concentration is not to exceed 100 ppm
benzenemethanol, alpha-methyl-, 1-acetate.	93–92–5	When ready for use, the end-use concentration is not to exceed 100 ppm
benzoic acid, ethyl ester	93–89–0	When ready for use, the end-use concentration is not to exceed 100 ppm
Bicyclo(2.2.1)heptan-2-ol, 1,3,3-trimethyl-.	1632–73–1	When ready for use, the end-use concentration is not to exceed 100 ppm
Bicyclo(2.2.1)heptan-2-ol, 1,7,7-trimethyl-,propanoate, exo-.	2756–56–1	When ready for use, the end-use concentration is not to exceed 100 ppm
Bicyclo[3.1.1]heptane, 6,6-dimethyl-2-methylene-.	127–91–3	When ready for use, the end-use concentration is not to exceed 100 ppm
Bois de rose oil	8015–77–8	When ready for use, the end-use concentration is not to exceed 100 ppm
Butanoic acid, 1,1-dimethyl-2-phenylethyl ester.	10094–34–5	When ready for use, the end-use concentration is not to exceed 100 ppm
Butanoic acid, 3-methyl-, 2-methylpropyl ester.	589–59–3	When ready for use, the end-use concentration is not to exceed 100 ppm
butanoic acid, 3-oxo-, ethyl ester.	141–97–9	When ready for use, the end-use concentration is not to exceed 100 ppm
2-buten-1-one, 1-(2,6,6-trimethyl-1,3-cyclohexadien-1-yl)-.	23696–85–7	When ready for use, the end-use concentration is not to exceed 100 ppm
3-buten-2-one, 3-methyl-4-(2,6,6-trimethyl-2-cyclohexen-1-yl)-.	127–51–5	When ready for use, the end-use concentration is not to exceed 100 ppm
Butryic acid	107–92–6	When ready for use, the end-use concentration is not to exceed 100 ppm
Butyl acetate	123–86–4	When ready for use, the end-use concentration is not to exceed 100 ppm
Butyl alcohol	71–36–3	When ready for use, the end-use concentration is not to exceed 100 ppm

Butyl butyrate	109–21–7	When ready for use, the end-use concentration is not to exceed 100 ppm
Butyl butyryllactate	7492–70–8	When ready for use, the end-use concentration is not to exceed 100 ppm
Butyl isovalerate	109–19–3	When ready for use, the end-use concentration is not to exceed 100 ppm
Butyl 10-undecenoate	109–42–2	When ready for use, the end-use concentration is not to exceed 100 ppm
n-Butyl benzoate	136–60–7	When ready for use, the end-use concentration is not to exceed 15,000 ppm
n-Butyl 2-methylbutyrate	15706–73–7	When ready for use, the end-use concentration is not to exceed 100 ppm
n-Butyl-3-hydroxybutyrate	53605–94–0	Solvent
γ-Butyrolactone	96–48–0	When ready for use, the end-use concentration is not to exceed 100 ppm
Calcium bisulfate		When ready for use, the end-use concentration is not to exceed 2,000 ppm
Calcium sulfate	7778–18–9	When ready for use, the end-use concentration is not to exceed 100 ppm
Carvacrol	499–75–2	When ready for use, the end-use concentration is not to exceed 100 ppm
4-Carvomenthenol	562–74–3	When ready for use, the end-use concentration is not to exceed 100 ppm
β-Caryophyllene	87–44–5	When ready for use, the end-use concentration is not to exceed 100 ppm
Celery seed oil	8015–90–5	When ready for use, the end-use concentration is not to exceed 100 ppm
Chamomile flower, Roman, oil (Anthemis nobilis L.).	8015–92–7	When ready for use, the end-use concentration is not to exceed 100 ppm
cinnamic aldehyde	104–55–2	When ready for use, the end-use concentration is not to exceed 100 ppm
cinnamic alcohol	104–54–1	When ready for use, the end-use concentration is not to exceed 100 ppm
Citral	5392–40–5	When ready for use, the end-use concentration is not to exceed 100 ppm
Citral dimethyl acetal	7549–37–3	When ready for use, the end-use concentration is not to exceed 100 ppm
Citronellal	106–23–0	When ready for use, the end-use concentration is not to exceed 100 ppm
Citronellol	106–22–9	When ready for use, the end-use concentration is not to exceed 100 ppm
Citronelloxyacetaldehyde	7492–67–3	When ready for use, the end-use concentration is not to exceed 100 ppm
Citronellyl acetate	150–84–5	When ready for use, the end-use concentration is not to exceed 100 ppm
Citronellyl butyrate	141–16–2	When ready for use, the end-use concentration is not to exceed 100 ppm
Citronellyl formate	105–85–1	When ready for use, the end-use concentration is not to exceed 100 ppm

TABLE 1 TO PARAGRAPH (a)—Continued

Pesticide Chemical	CAS Reg. No.	Limits
Citronellyl isobutyrate	97–89–2	When ready for use, the end-use concentration is not to exceed 100 ppm
Citronellyl propionate	141–14–0	When ready for use, the end-use concentration is not to exceed 100 ppm
Citronellyl tiglate	24717–85–9	When ready for use, the end-use concentration is not to exceed 100 ppm
Clary oil (Salvia sclarea L.)	8016–63–5	When ready for use, the end-use concentration is not to exceed 100 ppm
Cognac oil, green	8016–21–5	When ready for use, the end-use concentration is not to exceed 100 ppm
Copper sulfate pentahydrate	7758–99–8	When ready for use, the end-use concentration is not to exceed 80 ppm
Coriander oil (Coriandrum sativum L.).	8008–52–4	When ready for use, the end-use concentration is not to exceed 100 ppm
Cuminaldehyde	122–03–2	When ready for use, the end-use concentration is not to exceed 100 ppm
Cyclohexene, 1-methyl-4-(1-methylethylidene)-.	586–62–9	When ready for use, the end-use concentration is not to exceed 100 ppm
2-Cyclohexylethyl acetate	21722–83–8	When ready for use, the end-use concentration is not to exceed 100 ppm
p-Cymene	99–87–6	When ready for use, the end-use concentration is not to exceed 100 ppm
β-Damascone, (Z)-	23726–92–3	When ready for use, the end-use concentration is not to exceed 100 ppm
δ-decalactone	705–86–2	When ready for use, the end-use concentration is not to exceed 100 ppm
γ-decalactone	706–14–9	When ready for use, the end-use concentration is not to exceed 100 ppm
ε-Decalactone	5579–78–2	When ready for use, the end-use concentration is not to exceed 100 ppm
Decanal	112–31–2	When ready for use, the end-use concentration is not to exceed 100 ppm
Decanoic acid	334–48–5	When ready for use, the end-use concentration is not to exceed 100 ppm
Decanoic acid, 4-hydroxy-4-methyl-γ-lactone.	7011–83–8	When ready for use, the end-use concentration is not to exceed 100 ppm
1-Decanol	112–30–1	When ready for use, the end-use concentration is not to exceed 100 ppm
2-Decenal	3913–71–1	When ready for use, the end-use concentration is not to exceed 100 ppm
(E)-4-Decenal	65405–70–1	When ready for use, the end-use concentration is not to exceed 100 ppm
4-Decenal	30390–50–2	When ready for use, the end-use concentration is not to exceed 100 ppm
9-Decenal	39770–05–3	When ready for use, the end-use concentration is not to exceed 100 ppm

Decyl acetate	112–17–4	When ready for use, the end-use concentration is not to exceed 100 ppm
D-Glucopyranose, oligomeric, decyl octyl glycosides	68515–73–1	None
1,3-dibromo-5,5-dimethylhydantoin.	77–48–5	None
1,1-diethoxy-3,7-dimethylocta-2,6-diene.	7492–66–2	When ready for use, the end-use concentration is not to exceed 100 ppm
diethyl malonate	105–53–3	When ready for use, the end-use concentration is not to exceed 100 ppm
Diethyl sebacate	110–40–7	When ready for use, the end-use concentration is not to exceed 100 ppm
Diethyl tartrate	87–91–2	When ready for use, the end-use concentration is not to exceed 100 ppm
dihydro-beta-ionone	17283–81–7	When ready for use, the end-use concentration is not to exceed 100 ppm
dihydrocaryvl acetate	20777–49–5	When ready for use, the end-use concentration is not to exceed 100 ppm
3,7-Dimethyl-1-octanol	106–21–8	When ready for use, the end-use concentration is not to exceed 100 ppm
2,2-Dimethyl-1,3-dioxolane-4-methanol.	100–79–8.	
2,6-Dimethyl-5-heptanal	106–72–9	When ready for use, the end-use concentration is not to exceed 100 ppm
3,7-Dimethyl-6-octenoic acid	502–47–6	When ready for use, the end-use concentration is not to exceed 100 ppm
Dimethylbenzylcarbinyl acetate.	151–05–3	When ready for use, the end-use concentration is not to exceed 100 ppm
Dimethylcyclohex-3-ene-1-carbaldehyde.	27939–60–2	When ready for use, the end-use concentration is not to exceed 100 ppm
α,α-Dimethylphenethyl alcohol.	100–86–7	When ready for use, the end-use concentration is not to exceed 100 ppm
Dl-n-butyl carbonate	542–52–9	When ready for use, the end-use concentration is not to exceed 15,000 ppm
Dipropylene glycol	25265–71–8	None
1-docosanol	661–19–8.	
γ-Dodecalactone	2305–05–7	When ready for use, the end-use concentration is not to exceed 100 ppm
δ-Dodecalactone	713–95–1	When ready for use, the end-use concentration is not to exceed 100 ppm
2-Dodecanol, (2E)-	20407–84–5	When ready for use, the end-use concentration is not to exceed 100 ppm
2-Dodecenal	4826–62–4	When ready for use, the end-use concentration is not to exceed 100 ppm
1-eicosanol	629–96–9.	
Ethanol	64–17–5	None
Elemi oil (Canarium spp.)	8023–89–0	When ready for use, the end-use concentration is not to exceed 100 ppm
Ethyl acetate	141–78–6	When ready for use, the end-use concentration is not to exceed 100 ppm

TABLE 1 TO PARAGRAPH (a)—Continued

Pesticide Chemical	CAS Reg. No.	Limits
Ethyl butyrate	105–54–4	When ready for use, the end-use concentration is not to exceed 100 ppm
Ethyl (2E,4Z)-2,4-decadienoate.	3025–30–7	When ready for use, the end-use concentration is not to exceed 100 ppm
Ethyl decanoate	110–38–3	When ready for use, the end-use concentration is not to exceed 100 ppm
Ethyl formate	109–94–4	When ready for use, the end-use concentration is not to exceed 100 ppm
Ethyl heptanoate	106–30–9	When ready for use, the end-use concentration is not to exceed 100 ppm
Ethyl hexanoate	123–66–0	When ready for use, the end-use concentration is not to exceed 100 ppm
Ethyl 2-hexylacetoacetate	29214–60–6	When ready for use, the end-use concentration is not to exceed 100 ppm
Ethyl 3-hydroxybutyrate	5405–41–4	When ready for use, the end-use concentration is not to exceed 100 ppm
Ethyl isobutyrate	97–62–1	When ready for use, the end-use concentration is not to exceed 100 ppm
Ethyl isovalerate	108–64–5	When ready for use, the end-use concentration is not to exceed 100 ppm
Ethyl laurate	106–33–2	When ready for use, the end-use concentration is not to exceed 100 ppm
Ethyl levulinate	539–88–8	When ready for use, the end-use concentration is not to exceed 100 ppm
Ethyl 2-methyl-3-pentenoate	1617–23–8	When ready for use, the end-use concentration is not to exceed 100 ppm
Ethyl 2-methylbutyrate	452–79–1	When ready for use, the end-use concentration is not to exceed 100 ppm
Ethyl 2-methylpentanoate	39255–32–8	When ready for use, the end-use concentration is not to exceed 100 ppm
Ethyl nonanoate	123–29–5	When ready for use, the end-use concentration is not to exceed 100 ppm
Ethyl octanoate	106–32–1	When ready for use, the end-use concentration is not to exceed 100 ppm
Ethyl propionate	105–37–3	When ready for use, the end-use concentration is not to exceed 100 ppm
ethyl salicylate	118–61–6	When ready for use, the end-use concentration is not to exceed 100 ppm
Ethyl tiglate	5837–78–5	When ready for use, the end-use concentration is not to exceed 100 ppm
ethylene brassylate	105–95–3	When ready for use, the end-use concentration is not to exceed 100 ppm
Ethylenediaminetetraacetic acid (EDTA), tetrasodium salt	64–02–8	None
FD&C Green No. 3	CAS Reg. No. 2353–45–9	None

FD&C Red No. 40	25956–17–6	When ready for use, the end-use concentration is not to exceed 20 ppm
FD&C Yellow No. 5	1934–21–0	When ready for use, the end-use concentration is not to exceed 1000 ppm
Farnesol	4602–84–0	When ready for use, the end-use concentration is not to exceed 100 ppm
Farnesyl acetate	29548–30–9	When ready for use, the end-use concentration is not to exceed 100 ppm
2-Formyl-6,6-dimethylbicyclo(3.1.1)hept-2-ene.	564–94–3	When ready for use, the end-use concentration is not to exceed 100 ppm
Galbanum oil (Ferula spp.)	8023–91–4	When ready for use, the end-use concentration is not to exceed 100 ppm
Geranic acid	459–80–3	When ready for use, the end-use concentration is not to exceed 100 ppm
Geraniol	106–24–1	When ready for use, the end-use concentration is not to exceed 100 ppm
(E)-Geraniol	106–24–1	When ready for use, the end-use concentration is not to exceed 100 ppm
(E)-Geraniol acetate	105–87–3	When ready for use, the end-use concentration is not to exceed 100 ppm
Geranyl butyrate	106–29–6	When ready for use, the end-use concentration is not to exceed 100 ppm
Geranyl formate	105–86–2	When ready for use, the end-use concentration is not to exceed 100 ppm
Geranyl isobutyrate	2345–26–8	When ready for use, the end-use concentration is not to exceed 100 ppm
Geranyl propionate	105–90–8	When ready for use, the end-use concentration is not to exceed 100 ppm
Geranyl tiglate	7785–33–3	When ready for use, the end-use concentration is not to exceed 100 ppm
C_1-C_4 linear and branched chain alkyl d-glucitol dianhydro alkyl ethers cluster.	5306–85–4; 30915–81–2; 107644–13–3; 103594–41–8; 103594–42–9	When ready for use, the end-use concentration is not to exceed 500 ppm
D-glucitol, 1,4:3,6-dianhydro-2,5-di-O-(1-methylpropyl)-,	None.	
D-glucitol, 1,4:3,6-dianhydro-2,5-di-O-(2-methylpropyl)-, (CAS Reg. No. not assigned).	None.	
D-glucurono-6-deoxy-L-manno-D-glucan, acetate, calcium magnesium potassium sodium salt (diutan gum).	(CAS No. 595585–15–2)	None
glyceryl triacetate	102–76–1	When ready for use, the end-use concentration is not to exceed 100 ppm

TABLE 1 TO PARAGRAPH (a)—Continued

Pesticide Chemical	CAS Reg. No.	Limits
Helichrysum leaf oil (Helichrysum angustifolium).	8023–95–8	When ready for use, the end-use concentration is not to exceed 100 ppm
γ-Heptalactone	105–21–5	When ready for use, the end-use concentration is not to exceed 100 ppm.
Heptanal	111–71–7	When ready for use, the end-use concentration is not to exceed 100 ppm
Heptanoic acid	111–14–8	When ready for use, the end-use concentration is not to exceed 100 ppm
2-hepten-4-one, 5-methyl-	81925–81–7	When ready for use, the end-use concentration is not to exceed 100 ppm
trans-3-Heptenyl 2-methylpropanoate.	67801–45–0	When ready for use, the end-use concentration is not to exceed 100 ppm
Heptyl acetate	112–06–1	When ready for use, the end-use concentration is not to exceed 100 ppm
Heptyl alcohol	111–70–6	When ready for use, the end-use concentration is not to exceed 100 ppm
γ-Hexalactone	695–06–7	When ready for use, the end-use concentration is not to exceed 100 ppm
Hexanal	66–25–1	When ready for use, the end-use concentration is not to exceed 100 ppm
Hexanoic acid	142–62–1	When ready for use, the end-use concentration is not to exceed 100 ppm
n-Hexanol	111–27–3	When ready for use, the end-use concentration is not to exceed 100 ppm
Hexadecanoic acid	57–10–3	When ready for use, the end-use concentration is not to exceed 100 ppm
Hexadecanoic acid, ethyl ester.	628–97–7	When ready for use, the end-use concentration is not to exceed 100 ppm
ω-6-Hexadecenlactone	7779–50–2	When ready for use, the end-use concentration is not to exceed 100 ppm
2,4-Hexadienyl isobutyrate	16491–24–0	When ready for use, the end-use concentration is not to exceed 100 ppm
1-Hexanol, 3,5,5-trimethyl-	3452–97–9	When ready for use, the end-use concentration is not to exceed 100 ppm
2-Hexenal, (2E)-	6728–26–3	When ready for use, the end-use concentration is not to exceed 100 ppm.
2-Hexen-1-ol	2305–21–7	When ready for use, the end-use concentration is not to exceed 100 ppm
3-Hexen-1-ol, (3Z)-	928–96–1	When ready for use, the end-use concentration is not to exceed 100 ppm
(E)-2-Hexen-1-yl acetate	2497–18–9	When ready for use, the end-use concentration is not to exceed 100 ppm
(Z)-3-Hexenol	928–96–1	When ready for use, the end-use concentration is not to exceed 100 ppm

(Z)-3-Hexenol acetate	3681–71–8	When ready for use, the end-use concentration is not to exceed 100 ppm
cis-3-Hexenyl butyrate	16491–36–4	When ready for use, the end-use concentration is not to exceed 100 ppm
cis-3-Hexenyl hexanoate	31501–11–8	When ready for use, the end-use concentration is not to exceed 100 ppm
cis-3-Hexenyl isobutyrate	41519–23–7	When ready for use, the end-use concentration is not to exceed 100 ppm
3-Hexenyl 2-methylbutanoate	10094–41–4	When ready for use, the end-use concentration is not to exceed 100 ppm
cis-3-Hexenyl propionate	33467–74–2	When ready for use, the end-use concentration is not to exceed 100 ppm
cis-3-Hexenyl tiglate	67883–79–8	When ready for use, the end-use concentration is not to exceed 100 ppm
3-Hexenyl formate	9/5/2315	When ready for use, the end-use concentration is not to exceed 100 ppm
Hexyl acetate	142–92–7	When ready for use, the end-use concentration is not to exceed 100 ppm
Hexyl butyrate	2639–63–6	When ready for use, the end-use concentration is not to exceed 100 ppm
Hexyl hexanoate	6378–65–0	When ready for use, the end-use concentration is not to exceed 100 ppm
Hexyl isobutyrate	2349–07–7	When ready for use, the end-use concentration is not to exceed 100 ppm
Hexyl 2-methylbutanoate	10032–15–2	When ready for use, the end-use concentration is not to exceed 100 ppm
Hexyl octanoate	1117–55–1	When ready for use, the end-use concentration is not to exceed 100 ppm
Hexyl propionate	2445–76–3	When ready for use, the end-use concentration is not to exceed 100 ppm
Hydrogen peroxide	7722–84–1	When ready for use, the end-use concentration is not to exceed 91 ppm
Hydroxycitronellal	107–75–5	When ready for use, the end-use concentration is not to exceed 100 ppm
Hydroxycitronellal dimethyl acetal.	141–92–4	When ready for use, the end-use concentration is not to exceed 100 ppm
Hydroxycitronellol	107–74–4	When ready for use, the end-use concentration is not to exceed 100 ppm
Hydroxynonanoic acid, δ-lactone.	3301–94–8	When ready for use, the end-use concentration is not to exceed 100 ppm
4-(p-hydroxyphenyl)-2-butanone.	5471–51–2	When ready for use, the end-use concentration is not to exceed 100 ppm
5-hydroxyundecanoic acid lactone.	710–04–3	When ready for use, the end-use concentration is not to exceed 100 ppm
Hypochlorous acid	7790–92–3	When ready for use, the end-use concentration of all hypochlorous acid chemicals in the solution is not to exceed 200 ppm determined as total available chlorine.
Hypochlorous acid, sodium salt.	7681–52–9	When ready for use, the end-use concentration of all hypochlorous acid chemicals in the solution is not to exceed 200 ppm determined as total available chlorine

TABLE 1 TO PARAGRAPH (a)—Continued

Pesticide Chemical	CAS Reg. No.	Limits
Hyssop oil (Hyssopus officinalis L.).	8006–83–5	When ready for use, the end-use concentration is not to exceed 100 ppm
1H-Indole	120–72–9	When ready for use, the end-use concentration is not to exceed 100 ppm
Iodine	7553–56–2	When ready for use, the total end-use concentration of all iodide-producing chemicals in the solution is not to exceed 25 ppm of titratable iodine
Isoamyl acetate	123–92–2	When ready for use, the end-use concentration is not to exceed 100 ppm
Isoamyl alcohol	123–51–3	When ready for use, the end-use concentration is not to exceed 100 ppm
Isoamyl butyrate	106–27–4	When ready for use, the end-use concentration is not to exceed 100 ppm
Isoamyl isovalerate	659–70–1	When ready for use, the end-use concentration is not to exceed 100 ppm
Isoamyl propionate	105–68–0	When ready for use, the end-use concentration is not to exceed 100 ppm
Isoborneol	124–76–5	When ready for use, the end-use concentration is not to exceed 100 ppm
Isobornyl acetate	125–12–2	When ready for use, the end-use concentration is not to exceed 100 ppm
Isobutyl acetate	110–19–0	When ready for use, the end-use concentration is not to exceed 100 ppm
Isobutyl angelate	7779–81–9	When ready for use, the end-use concentration is not to exceed 100 ppm
Isobutyl 2-butenoate	589–66–2	When ready for use, the end-use concentration is not to exceed 100 ppm
Isobutyl butyrate	539–90–2	When ready for use, the end-use concentration is not to exceed 100 ppm
Isobutyl isobutyrate	97–85–8	When ready for use, the end-use concentration is not to exceed 100 ppm
2-Isobutyl-2-methyl-1,3-dioxolane-4-methanol.	5660–53–7.	
Isobutyraldehyde	78–84–2	When ready for use, the end-use concentration is not to exceed 100 ppm
Isobutyric acid	79–31–2	When ready for use, the end-use concentration is not to exceed 100 ppm
Isopropyl-3-hydroxybutyrate	54074–94–1	Solvent
Isopropyl 2-methylbutyrate	66576–71–4	When ready for use, the end-use concentration is not to exceed 100 ppm
Isovaleric acid	503–74–2	When ready for use, the end-use concentration is not to exceed 100 ppm
Jasmine lactone	25524–95–2	When ready for use, the end-use concentration is not to exceed 100 ppm
Labdanum oil (Cistus spp.)	8016–26–0	When ready for use, the end-use concentration is not to exceed 100 ppm

Lactic acid	50–21–5	When ready for use, the end-use concentration is not to exceed 10,000 ppm in antimicrobial formulations applied to food-contact surfaces in public eating places
laevo-Bornyl acetate	5655–61–8	When ready for use, the end-use concentration is not to exceed 100 ppm
Lauryl acetate	112–66–3	When ready for use, the end-use concentration is not to exceed 100 ppm
Lauric acid	143–07–7	When ready for use, the end-use concentration is not to exceed 100 ppm
Lauric aldehyde	112–54–9	When ready for use, the end-use concentration is not to exceed 100 ppm
Lauryl alcohol	112–53–8	When ready for use, the end-use concentration is not to exceed 100 ppm
Lavandin oil (*Lavandula hybrida*).	8022–15–9	When ready for use, the end-use concentration is not to exceed 100 ppm
Levulinic acid	123–76–2	When ready for use, the end-use concentration is not to exceed 100 ppm
d-Limonene	5989–27–5	When ready for use, the end-use concentration is not to exceed 100 ppm
Linalool	78–70–6	When ready for use, the end-use concentration is not to exceed 100 ppm
Linalool acetate	115–95–7	When ready for use, the end-use concentration is not to exceed 100 ppm
Linalyl acetate	115–95–7	When ready for use, the end-use concentration is not to exceed 100 ppm
Linalyl formate	115–99–1	When ready for use, the end-use concentration is not to exceed 100 ppm.
Linalyl hexanoate	7779–23–9	When ready for use, the end-use concentration is not to exceed 100 ppm.
Linalyl isobutyrate	78–35–3	When ready for use, the end-use concentration is not to exceed 100 ppm.
Linalyl isovalerate	1118–27–0	When ready for use, the end-use concentration is not to exceed 100 ppm.
Linalyl propionate	144–39–8	When ready for use, the end-use concentration is not to exceed 100 ppm.
Linoleic acid, methyl ester	112–63–0	When ready for use, the end-use concentration is not to exceed 100 ppm.
Lipase, triacylglycerol	9001–62–1	When ready for use, the end-use concentration is not to exceed 500 ppm.
Lovage oil (Levisticum officinale Koch).	8016–31–7	When ready for use, the end-use concentration is not to exceed 100 ppm.
Mace oil (Myristica fragrans Houtt.).	8007–12–3	When ready for use, the end-use concentration is not to exceed 100 ppm
Magnesium oxide	1309–48–4	None
Magnesium sulfate anhydrous.	7487–88–9	When ready for use, the end-use concentration is not to exceed 4400 ppm.
Magnesium sulfate heptahydrate.	10034–99–8	When ready for use, the end-use concentration is not to exceed 4400 ppm.
Magnesium sulfate hexahydrate.	7830–18–1	When ready for use, the end-use concentration is not to exceed 4400 ppm.

TABLE 1 TO PARAGRAPH (a)—Continued

Pesticide Chemical	CAS Reg. No.	Limits
Magnesium sulfate monohydrate.	14168–73–1	When ready for use, the end-use concentration is not to exceed 4400 ppm.
Magnesium sulfate pentahydrate.	5553–21–6	When ready for use, the end-use concentration is not to exceed 4400 ppm.
Magnesium sulfate tetrahydrate.	24378–31–2	When ready for use, the end-use concentration is not to exceed 4400 ppm.
Magnesium sulfate trihydrate	15320–30–6	When ready for use, the end-use concentration is not to exceed 4400 ppm.
p-Mentha-1,8-dien-7-ol	536–59–4	When ready for use, the end-use concentration is not to exceed 100 ppm.
p-Mentha-1,8-dien-7-yl acetate.	15111–96–3	When ready for use, the end-use concentration is not to exceed 100 ppm.
Methane sulfonic acid	75–75–2	When ready for use, the end use concentration is not to exceed 5,000 ppm
1H–3a,7-Methanoazulen-6-ol, octahydro-3,6,8,8-tetramethyl-,[3R-(3.α,3a.β,6.α,7.β,8aα)].	77–53–2	When ready for use, the end-use concentration is not to exceed 100 ppm.
2-methoxy-4-propylphenol	2785–87–7	When ready for use, the end-use concentration is not to exceed 100 ppm
Methylene blue	61–73–4	When ready for use, the end-use concentration is not to exceed 0.4 ppm
Methyl-α-ionone	127–42–4	When ready for use, the end-use concentration is not to exceed 100 ppm
4′-methylacetophenone	122–00–9	When ready for use, the end-use concentration is not to exceed 100 ppm
Methyl anthranilate	134–20–3	When ready for use, the end-use concentration is not to exceed 100 ppm
alpha-methylbenzyl alcohol	98–85–1	When ready for use, the end-use concentration is not to exceed 100 ppm
methyl benzoate	93–58–3	When ready for use, the end-use concentration is not to exceed 100 ppm
3-Methyl-2-butenyl acetate	1191–16–8	When ready for use, the end-use concentration is not to exceed 100 ppm
alpha-methylcinnamaldehyde	101–39–3	When ready for use, the end-use concentration is not to exceed 100 ppm
methyl cinnamate	103–26–4	When ready for use, the end-use concentration is not to exceed 100 ppm
3-Methylcrotonic acid	541–47–9	When ready for use, the end-use concentration is not to exceed 100 ppm
Methyl 3,7-dimethyl-6-octenoate.	2270–60–2	When ready for use, the end-use concentration is not to exceed 100 ppm
Methyl heptine carbonate	111–12–6	When ready for use, the end-use concentration is not to exceed 100 ppm
Methyl hexanoate	106–70–7	When ready for use, the end-use concentration is not to exceed 100 ppm

Methyl linolenate	301–00–8	When ready for use, the end-use concentration is not to exceed 100 ppm
Methyl 2-methylbutyrate	868–57–5	When ready for use, the end-use concentration is not to exceed 100 ppm
2-Methyl-3-(p-isopropylpheny-l)propionaldehyde.	103–95–7	When ready for use, the end-use concentration is not to exceed 100 ppm
Methyl N-methylanthranilate	85–91–6	When ready for use, the end-use concentration is not to exceed 100 ppm
Methyl 2-nonenoate	111–79–5	When ready for use, the end-use concentration is not to exceed 100 ppm
Methyl 2-nonynoate	111–80–8	When ready for use, the end-use concentration is not to exceed 100 ppm
Methyl 3-nonenoate	13481–87–3	When ready for use, the end-use concentration is not to exceed 100 ppm
2-Methyl-4-phenyl-2-butanol	103–05–9	When ready for use, the end-use concentration is not to exceed 100 ppm
p-Methylanisole	104–93–8	When ready for use, the end-use concentration is not to exceed 100 ppm
2-Methyloctanal	7786–29–0	When ready for use, the end-use concentration is not to exceed 100 ppm
Methyl octanoate	111–11–5	When ready for use, the end-use concentration is not to exceed 100 ppm
2-Methylpent-2-en-1-oic acid	3142–72–1	When ready for use, the end-use concentration is not to exceed 100 ppm
methyl salicylate	119–36–8	When ready for use, the end-use concentration is not to exceed 100 ppm
Methyl tetradecanoate	124–10–7	When ready for use, the end-use concentration is not to exceed 100 ppm
2-Methyl-trans-2-butenoic acid.	80–59–1	When ready for use, the end-use concentration is not to exceed 100 ppm
Methyl undec-10-enoate	111–81–9	When ready for use, the end-use concentration is not to exceed 100 ppm
2-Methylundecanal	110–41–8	When ready for use, the end-use concentration is not to exceed 100 ppm
2-Methyl-1,3-propanediol	2163–42–0	None
Musk ambrette	123–69–3	When ready for use, the end-use concentration is not to exceed 100 ppm
Myristaldehyde	124–25–4	When ready for use, the end-use concentration is not to exceed 100 ppm
Myristic acid	544–63–8	When ready for use, the end-use concentration is not to exceed 100 ppm
Nerolidiol	142–50–7	When ready for use, the end-use concentration is not to exceed 100 ppm
Nerolidol (isomer unspecified)	7212–44–4	When ready for use, the end-use concentration is not to exceed 100 ppm
Neryl acetate	141–12–8	When ready for use, the end-use concentration is not to exceed 100 ppm
Neryl formate	2142–94–1	When ready for use, the end-use concentration is not to exceed 100 ppm

TABLE 1 TO PARAGRAPH (a)—Continued

Pesticide Chemical	CAS Reg. No.	Limits
Nitric acid	7697–37–2	When ready for use, the end-use concentration is not to exceed 1,000 ppm
Nona-2-trans-6-cis-dienal	557–48–2	When ready for use, the end-use concentration is not to exceed 100 ppm
2,6-Nonadien-1-ol	7786–44–9	When ready for use, the end-use concentration is not to exceed 100 ppm
2,6-Nonadienal diethyl acetal	67674–36–6	When ready for use, the end-use concentration is not to exceed 100 ppm
1,3-Nonanediol acetate (mixed esters).	1322–17–4	When ready for use, the end-use concentration is not to exceed 100 ppm
γ-Nonalactone	104–61–0	When ready for use, the end-use concentration is not to exceed 100 ppm.
Nonanal	124–19–6	When ready for use, the end-use concentration is not to exceed 100 ppm
Nonanoic acid	112–05–0	When ready for use, the end-use concentration is not to exceed 100 ppm
6-nonenal, (6Z)-	2277–19–2	When ready for use, the end-use concentration is not to exceed 100 ppm
2-Nonenal	2463–53–8	When ready for use, the end-use concentration is not to exceed 100 ppm.
cis-6-nonen-1-ol	35854–86–5	When ready for use, the end-use concentration is not to exceed 100 ppm
Nonyl acetate	143–13–5	When ready for use, the end-use concentration is not to exceed 100 ppm
Nonyl alcohol	143–08–8	When ready for use, the end-use concentration is not to exceed 100 ppm
α-(p-Nonylphenyl)-ω-hydroxypoly (oxyethylene) average poly(oxyethylene) content 11 moles)	None	None
Octadecanoic acid	57–11–4	When ready for use, the end-use concentration is not to exceed 100 ppm
Octadecanoic acid, calcium salt	1592–23–0	None
1-octadecanol	112–92–5.	
9-Octadecenoic acid (9Z)-, sulfonated, oxidized	1315321–93–7	When ready for use, the end-use concentration is not to exceed 250 ppm
9-Octadecenoic acid (9Z)-, sulfonated, oxidized, potassium salts	1315321–94–8	When ready for use, the end-use concentration is not to exceed 250 ppm
9-Octadecenoic acid (9Z)-, sulfonated, oxidized, sodium salts	1315321–95–9	When ready for use, the end-use concentration is not to exceed 250 ppm
2,6-Octadien-1-ol, 3,7-dimethyl-,(Z)-.	106–25–2	When ready for use, the end-use concentration is not to exceed 100 ppm

γ-Octalactone	104–50–7	When ready for use, the end-use concentration is not to exceed 100 ppm
δ-Octalactone	698–76–0	When ready for use, the end-use concentration is not to exceed 100 ppm
Octanal	124–13–0	When ready for use, the end-use concentration is not to exceed 100 ppm
octanal dimethyl acetal	10022–28–3	When ready for use, the end-use concentration is not to exceed 100 ppm
1-Octanesulfonic acid, sodium salt	5324–84–5	When ready for use, the end-use concentration is not to exceed 46 ppm
Octanoic acid	124–07–2	When ready for use, the end-use concentration is not to exceed 52 ppm
Octanoic acid	124–07–2	When ready for use, the end-use concentration is not to exceed 100 ppm
1-Octanol	111–87–5	When ready for use, the end-use concentration is not to exceed 100 ppm
2,5,7-Octatrien-1-ol, 2,6-dimethyl0, 1-acetate. 5-Octen-1-ol, (5Z)-	197098–61–6 64275–73–6	When ready for use, the end-use concentration is not to exceed 100 ppm When ready for use, the end-use concentration is not to exceed 100 ppm
Oil of citronella	8000–29–1	When ready for use, the end-use concentration is not to exceed 100 ppm
Oils, clove	8000–34–8	When ready for use, the end-use concentration is not to exceed 100 ppm
Oils, geranium	8000–46–2	When ready for use, the end-use concentration is not to exceed 100 ppm
Oils, ginger	8007–08–7	When ready for use, the end-use concentration is not to exceed 100 ppm
Oils, grapefruit	8016–20–4	When ready for use, the end-use concentration is not to exceed 100 ppm
Oils, lavender	8000–28–0	When ready for use, the end-use concentration is not to exceed 100 ppm
Oils, lemon, terpene-free	68648–39–5	When ready for use, the end-use concentration is not to exceed 100 ppm
Oil of lemon	8008–56–8	When ready for use, the end-use concentration is not to exceed 100 ppm
Oil of lemongrass	8007–02–1	When ready for use, the end-use concentration is not to exceed 100 ppm
Oils, lime	8008–26–2	When ready for use, the end-use concentration is not to exceed 100 ppm
Oils, orange, sweet, terpene-free.	68606–94–0	When ready for use, the end-use concentration is not to exceed 100 ppm
Oils, palmarosa	8014–19–5	When ready for use, the end-use concentration is not to exceed 100 ppm
Oleic acid	112–80–1	When ready for use, the end-use concentration is not to exceed 100 ppm
Oleic acid, ethyl ester	111–62–6	When ready for use, the end-use concentration is not to exceed 100 ppm
Oleyl alcohol	143–28–2	When ready for use, the end-use concentration is not to exceed 100 ppm

TABLE 1 TO PARAGRAPH (a)—Continued

Pesticide Chemical	CAS Reg. No.	Limits
Olibanum oil (Boswellia spp.)	8016–36–2	When ready for use, the end-use concentration is not to exceed 100 ppm
Orange flower water absolute	8030–28–2	When ready for use, the end-use concentration is not to exceed 100 ppm
Oxacycloheptadec-10-ene-2-one.	28645–51–4	When ready for use, the end-use concentration is not to exceed 100 ppm
Oxirane, methyl-, polymer with oxirane, minimum molecular weight (in amu), 1900	9003–11–6	None
Palmitic acid	57–10–3	When ready for use, the end-use concentration is not to exceed 100 ppm
Paraffin waxes and hydrocarbon waxes; carboxypolymethylene resin; and paraffin waxes and hydrocarbon, oxidized, lithium salts.	8002–74–2; 68153–22–0; 68649–48–9.	
ω-Pentadecalactone	106–02–5	When ready for use, the end-use concentration is not to exceed 100 ppm.
1-pentanol	71–41–0	When ready for use, the end-use concentration is not to exceed 100 ppm
Peroxyacetic acid	79–21–0	When ready for use, the end-use concentration is not to exceed 58 ppm
Peroxyoctanoic acid	33734–57–5	When ready for use, the end-use concentration is not to exceed 52 ppm
Petitgrain bigarade oil	8014–17–3	When ready for use, the end-use concentration is not to exceed 100 ppm
Petitgrain Paraguay oil	8014–17–3	When ready for use, the end-use concentration is not to exceed 100 ppm
phenethyl acetate	103–45–7	When ready for use, the end-use concentration is not to exceed 100 ppm
Phenol, 2-methoxy-4-(2-propenyl)-.	97–53–0	When ready for use, the end-use concentration is not to exceed 100 ppm
phenyl ethyl alcohol	60–12–8	When ready for use, the end-use concentration is not to exceed 100 ppm
phenethyl isobutyrate	103–48–0	When ready for use, the end-use concentration is not to exceed 100 ppm
phenethyl phenylacetate	102–20–5	When ready for use, the end-use concentration is not to exceed 100 ppm
phenylacetaldehyde dimethyl acetal.	101–48–4	When ready for use, the end-use concentration is not to exceed 100 ppm
3-phenyl-1-propanol	122–97–4	When ready for use, the end-use concentration is not to exceed 100 ppm
2-Phenylpropionaldehyde	93–53–8	When ready for use, the end-use concentration is not to exceed 100 ppm

2-Phenylpropionaldehyde dimethyl acetal.	90–87–9	When ready for use, the end-use concentration is not to exceed 100 ppm
Phosphonic acid, (1-hydroxyethylidene)bis-	2809–21–4	When ready for use, the end-use concentration is not to exceed 14 ppm
Phosphoric acid	7664–38–2	
Phosphoric acid, trisodium salt	7601–54–9	When ready for use, the end-use concentration is not to exceed 5916 ppm
α-Pinene	80–56–8	When ready for use, the end-use concentration is not to exceed 100 ppm
Polyammonium bisulfate	10043–02–4	When ready for use, the end-use concentration is not to exceed 250 ppm
Potassium bromide	7758–02–3	When ready for use, the end-use concentration is not to exceed 46 ppm total available halogen
Potassium iodide	7681–11–0	When ready for use, the total end-use concentration of all iodide-producing chemicals in the solution is not to exceed 25 ppm of titratable iodine
1,3-Propanediol	504–63–2	None
propanoic acid, 2-methyl-, 4-formyl-2-methoxyphenyl ester.	20665–85–4	When ready for use, the end-use concentration is not to exceed 100 ppm
Propanoic acid	79–09–4	When ready for use, the end-use concentration is not to exceed 100 ppm.
Propionic acid	79–09–4	When ready for use, the end-use concentration is not to exceed 100 ppm
Propylene glycol	57–55–6	None
2,6-Pyridinedicarboxylic acid	499–83–2	When ready for use, the end-use concentration is not to exceed 2 ppm
Pyruvic acid	127–17–3	When ready for use, the end-use concentration is not to exceed 100 ppm
Quaternary ammonium compounds, alkyl (C_{12}-C_{18}) benzyldimethyl, chlorides	8001–54–5	When ready for use, the end-use concentration of all quaternary chemicals in the solution is not to exceed 200 ppm of active quaternary compound
Quaternary ammonium compounds: n-alkyl (C_{12-18}) dimethyl benzyl ammonium chloride	68424–85–1	When ready for use, the end-use concentration of all quaternary chemicals in solution is not to exceed 400 ppm of active quaternary compound
Quaternary Ammonium Compounds: n-alkyl (C_{12-14}) dimethyl ethylbenzyl ammonium chloride, average molecular weight (in amu), 377 to 384	85409–23–0	When ready for use, the end-use concentration of all quaternary chemicals in solution is not to exceed 400 ppm of active quaternary compound.
Quaternary ammonium compounds n-alkyl (C_{12}-C_{18}) dimethyl ethylbenzyl ammonium chloride average molecular weight (in amu) 384	None	When ready for use, the end-use concentration of all quaternary chemicals in the solution is not to exceed 200 ppm of active quaternary compound

TABLE 1 TO PARAGRAPH (a)—Continued

Pesticide Chemical	CAS Reg. No.	Limits
Quaternary ammonium compounds, Di-n-Alkyl (C_{8-10}) dimethyl ammonium chloride, average molecular weight (in amu) 332 to 361	None	When ready for use, the end-use concentration of these specific in quaternary ammonium compounds is not to exceed 240 ppm of active quaternary ammonium compound; the end-use concentration of all quaternary chemicals in the solution is not to exceed 400 ppm of active quaternary compound
Quaternary ammonium compounds, didecyl dimethyl ammonium carbonate/ didecyl dimethyl ammonium bicarbonate	148788–55–0/148812–654–1	When ready for use, the end-use concentration of these specific ammonium compounds is not to exceed 400 ppm of active quaternary ammonium compound
Sandalwood yellow oil (Santalum album L.).	8006–87–9	When ready for use, the end-use concentration is not to exceed 100 ppm
Santalol	11031–45–1	When ready for use, the end-use concentration is not to exceed 100 ppm
cis-α-Santalol	115–71–9	When ready for use, the end-use concentration is not to exceed 100 ppm
cis-β-Santalol	77–42–9	When ready for use, the end-use concentration is not to exceed 100 ppm
Sclareol	515–03–7	When ready for use, the end-use concentration is not to exceed 100 ppm
Silver ions resulting from the use of electrolytically-generated silver ions stabilized in citric acid as silver dihydrogen citrate (does not include metallic silver)	14701–21–4	When ready for use, the end-use concentration of silver ions is not to exceed 50 ppm of active silver.
Sodium bisulfate	7681–38–1	When ready for use, the end-use concentration is not to exceed 2,000 ppm
Sodium dioctyl sulfosuccinate	577–11–7	None
Sodium lauroyl sarcosinate	137–16–6	When ready for use, the end-use concentration is not to exceed 10,000 ppm
Sorbitan, mono-9-octadecenoate, poly(oxy-1,2-ethanediyl) derivs., (Z)-	9005–65–6	None
Spike lavender oil (Lavandula spp.).	8016–78–2	When ready for use, the end-use concentration is not to exceed 100 ppm
Stearic acid.	57–11–4	When ready for use, the end-use concentration is not to exceed 100 ppm
Sulfuric acid	7664–93–9	Food-contact surfaces in public eating places, dairy-processing equipment, and food-processing equipment and utensils in antimicrobial formulations. Not to exceed 600 ppm
Sulfuric acid monododecyl ester, sodium salt (sodium lauryl sulfate)	151–21–3	When ready for use, the end-use concentration is not to exceed 350 ppm

Tall oil fatty acid (CAS Reg. No. 61790–12–3).		
Tangerine oil (Citrus reticulata blanco).	8008–31–9	When ready for use, the end-use concentration is not to exceed 100 ppm
Tartaric acid	87–69–4	When ready for use, the end-use concentration is not to exceed 100 ppm
DL-Tartaric acid	133–37–9	When ready for use, the end-use concentration is not to exceed 100 ppm
γ-Terpinene	99–85–4	When ready for use, the end-use concentration is not to exceed 100 ppm
α-Terpineol	98–55–5	When ready for use, the end-use concentration is not to exceed 100 ppm
Terpinyl acetate (isomer mixture).	8007–35–0	When ready for use, the end-use concentration is not to exceed 100 ppm
1-tetradecanol	112–72–1.	
α-Terpinyl propionate	80–27–3	When ready for use, the end-use concentration is not to exceed 100 ppm.
Tetradecanoic acid, ethyl ester.	124–06–1	When ready for use, the end-use concentration is not to exceed 100 ppm.
Tetrahydrogeranial	5988–91–0	When ready for use, the end-use concentration is not to exceed 100 ppm.
Tetrahydrolinalool	78–69–3	When ready for use, the end-use concentration is not to exceed 100 ppm.
Thiogeraniol	39067–80–6	When ready for use, the end-use concentration is not to exceed 100 ppm
thymol (8CA)	89–83–8	When ready for use, the end-use concentration is not to exceed 100 ppm
Trans-1,3,3,3-tetrafluoroprop-1-ene.	29118–24–9	None
1,3,5-Triazine-2,4,6(1H,3H,5H)-trione, 1,3-dichloro-, sodium salt	2893–78–9	When ready for use, the end-use concentration of all di- or trichloroisocyanuric acid chemicals in the solution is not to exceed 100 ppm determined as total available chlorine
2-Tridecanal	7774–82–5	When ready for use, the end-use concentration is not to exceed 100 ppm
triethyl citrate	77–93–0	When ready for use, the end-use concentration is not to exceed 100 ppm
Triethylene glycol	112–27–6	None
p-α,α-Trimethylbenzyl alcohol	1197–01–9	When ready for use, the end-use concentration is not to exceed 100 ppm
2,6,6-Trimethyl-1-cyclohexen-1-acetaldehyde.	472–66–2	When ready for use, the end-use concentration is not to exceed 100 ppm
2,6,6-Trimethyl-1&2-cyclohexen-1-carboxaldehyde.	432–25–7	When ready for use, the end-use concentration is not to exceed 100 ppm
1,3,3-trimethyl-2-norbornanyl acetate.	13851–11–1	When ready for use, the end-use concentration is not to exceed 100 ppm
delta-1-(2,6,6-trimethyl-3-cyclohexen-1-yl)-2-buten-1-one.	57378–68–4	When ready for use, the end-use concentration is not to exceed 100 ppm
3,5,5-Trimethylhexanal	5435–64–3	When ready for use, the end-use concentration is not to exceed 100 ppm

TABLE 1 TO PARAGRAPH (a)—Continued

Pesticide Chemical	CAS Reg. No.	Limits
γ-Undecalactone	104–67–6	When ready for use, the end-use concentration is not to exceed 100 ppm.
Undecanal	112–44–7	When ready for use, the end-use concentration is not to exceed 100 ppm
1-undecanol	112–42–5	Carrier/Adjuvant and Coating Agent/Binder.
9-Undecenal	143–14–6	When ready for use, the end-use concentration is not to exceed 100 ppm
10-Undecenal	112–45–8	When ready for use, the end-use concentration is not to exceed 100 ppm
10-Undecenoic acid	112–38–9	When ready for use, the end-use concentration is not to exceed 100 ppm
10-Undecenoic acid, ethyl ester.	692–86–4	When ready for use, the end-use concentration is not to exceed 100 ppm
10-undecen-1-yl acetate	112–19–6	When ready for use, the end-use concentration is not to exceed 100 ppm.
Undecyl alcohol	112–42–5	When ready for use, the end-use concentration is not to exceed 100 ppm
Valeraldehyde	110–62–3	When ready for use, the end-use concentration is not to exceed 100 ppm
Valeric acid	109–52–4	When ready for use, the end-use concentration is not to exceed 100 ppm
γ-Valerolactone	108–29–2	When ready for use, the end-use concentration is not to exceed 100 ppm
Vanillin	121–33–5	When ready for use, the end-use concentration is not to exceed 100 ppm
veratraldehyde	120–14–9	When ready for use, the end-use concentration is not to exceed 100 ppm
Violet leaves absolute (Viola odorata L.).	90147–36–7	When ready for use, the end-use concentration is not to exceed 100 ppm
Waxes and waxy substances, rice bran, oxidized.	1883583–80–9	None
Xylenesulfonic acid, sodium salt	1300–72–7	When ready for use, the end-use concentration is not to exceed 500 ppm
Ylang-ylang oils	8006–81–3	When ready for use, the end-use concentration is not to exceed 100 ppm

(b) The following chemical substances when used as ingredients in an antimicrobial pesticide formulation may be applied to: Dairy processing equipment, and food-processing equipment and utensils.

Pesticide Chemical	CAS Reg. No.	Limits
Acetic acid	64–19–7	When ready for use, the end-use concentration is not to exceed 1200 ppm
Acetic acid, chloro-, sodium salt, reaction products with 4,5-dihydro-2-undecyl-1H-imidazole-1-ethanol and sodium hydroxide	68608–66–2	When ready for use, the end-use concentration is not to exceed 42 ppm chloroacetic acid
Butanedioic acid, octenyl-	28805–58–5	When ready for use, the end-use concentration is not to exceed 156 ppm
Butoxy monoether of mixed (ethylene-propylene) polyalkylene glycol, minimum average molecular weight (in amu), 2400	None	None
Calcium chloride	10043–52–4	When ready for use, the end-use concentration is not to exceed 17 ppm
n-Carboxylic acids (C_6-C_{12}), consisting of a mixture of not less than 56% octanoic acid and not less than 40% decanoic acid	None	When ready for use, the end-use concentration is not to exceed 39 ppm
Decanoic acid	334–48–5	When ready for use, the end-use concentration is not to exceed 90 ppm
Ethanesulfonic acid, 2-[cyclohexyl (1-oxohexadecyl) amino]-, sodium salt	132–43–4	When ready for use, the end-use concentration is not to exceed 237 ppm
Ethylenediaminetetraacetic acid (EDTA), disodium salt	139–33–3	When ready for use, the end-use concentration is not to exceed 1400 ppm
FD&C Yellow No. 5 (Tartrazine) (conforming to 21 CFR 74.705)	1934–21–0	None
C_1-C_4 linear and branched chain alkyl d-glucitol dianhydro alkyl ethers cluster.	5306–85–4; 30915–81–2; 107644–13–3; 103594–41–8; 103594–42–9.	When ready for use, the end-use concentration is not to exceed 1,000 ppm.
D-glucitol, 1,4:3,6-dianhydro-2,5-di-O-(1-methylpropyl)-,.	None.	
D-glucitol, 1,4:3,6-dianhydro-2,5-di-O-(2-methylpropyl)-, (CAS Reg. No. not assigned).	None.	
D-Gluconic acid, monosodium salt	527–07–1	When ready for use, the end-use concentration is not to exceed 760 ppm
Hydriodic acid	10034–85–2	When ready for use, the total end-use concentration of all iodide-producing chemicals is not to exceed 25 ppm of titratable iodine
Hydrogen peroxide	7722–84–1	When ready for use, the end-use concentration is not to exceed 465 ppm
Iodine	7553–56–2	When ready for use, the total end-use concentration of all iodide-producing chemicals in the solution is not to exceed 25 ppm of titratable iodine
Lactic acid	50–21–5	When ready for use, the end-use concentration is not to exceed 138 ppm
Nonanoic acid	112–05–0	When ready for use, the end-use concentration is not to exceed 90 ppm
1-Octanamine, N,N-dimethyl-	7378–99–6	When ready for use, the end-use concentration is not to exceed 113 ppm
1,2-Octanedisulfonic acid	113669–58–2	When ready for use, the end-use concentration is not to exceed 102 ppm
1-Octanesulfonic acid	3944–72–7	When ready for use, the end-use concentration is not to exceed 172 ppm
1-Octanesulfonic acid, sodium salt	5324–84–5	When ready for use, the end-use concentration is not to exceed 297 ppm
1-Octanesulfonic acid, 2-sulfino-	113652–56–5	When ready for use, the end-use concentration is not to exceed 102 ppm
Octanoic acid	124–07–2	When ready for use, the end-use concentration is not to exceed 176 ppm
Oxychloro species (including chlorine dioxide) generated by acidification of an aqueous solution of sodium chlorite	None	When ready for use, the end-use concentration is not to exceed 200 ppm of chlorine dioxide as determined by the method titled, Iodometric Method for the Determination of Available Chlorine Dioxide (50-250 ppm available chlorine dioxide)
Peroxyacetic acid	79–21–0	When ready for use, the end-use concentration is not to exceed 315 ppm
Peroxyoctanoic acid	33734–57–5	When ready for use, the end-use concentration is not to exceed 122 ppm
Phosphonic acid, (1-hydroxyethylidene)bis-	2809–21–4	When ready for use, the end-use concentration is not to exceed 34 ppm

Pesticide Chemical	CAS Reg. No.	Limits
Phosphoric acid	7664–38–2	None
Phosphoric acid, monosodium salt	7558–80–7	When ready for use, the end-use concentration is not to exceed 350 ppm
Potassium iodide	7681–11–0	When ready for use, the total end-use concentration of all iodide-producing chemicals in the solution is not to exceed 25 ppm of titratable iodine
Propanoic acid	79–09–4	When ready for use, the end-use concentration is not to exceed 297 ppm
Sulfuric acid monododecyl ester, sodium salt (sodium lauryl sulfate)	151–21–3	When ready for use, the end-use concentration is not to exceed 350 ppm

(c) The following chemical substances when used as ingredients in an antimicrobial pesticide formulation may be applied to: Food-processing equipment and utensils.

Pesticide Chemical	CAS Reg. No.	Limits
Acetic acid	64–19–7	When ready for use, the end-use concentration is not to exceed 1,200 ppm
Acetic acid, chloro-, sodium salt, reaction products with 4,5-dihydro-2-undecyl-1H-imidazole-1-ethanol and sodium hydroxide	68608–66–2	When ready for use, the end-use concentration is not to exceed 42 ppm chloroacetic acid
Ammonium chloride	12125–02–9	When ready for use, the end-use concentration is not to exceed 48 ppm
[1,1′-Biphenyl]-2-ol	90–43–7	When ready for use, the end-use concentration is not to exceed 400 ppm
Boric acid, sodium salt	7775–19–1	None
Butanedioic acid, octenyl-	28805–58–5	When ready for use, the end-use concentration is not to exceed 156 ppm
Butanedioic acid, sulfo-, 1,4-dioctyl ester, sodium salt	1639–66–3	None
Butoxy monoether of mixed (ethylene-propylene) polyalkylene glycol, cloudpoint of 90 - 100°C in 0.5 aqueous solution, average molecular weight (in amu), 3300	None	None
Butoxy monoether of mixed (ethylene-propylene) polyalkylene glycol, minimum average molecular weight (in amu), 2400	None	None
Calcium chloride	10043–52–4	When ready for use, the end-use concentration is not to exceed 17 ppm
n-Carboxylic acids (C_6-C_{12}), consisting of a mixture of not less than 56% octanoic acid and not less than 40% decanoic acid	None	When ready for use, the end-use concentration is not to exceed 39 ppm
3-Cyclohexene-1-methanol,α,α,4-trimethyl-	98–55–5	None
1-Decanaminium, N-decyl-N, N-dimethyl-, chloride	7173–51–5	When ready for use, the end-use concentration is not to exceed 200 ppm of active quaternary compound
Decanoic acid	3347–48–5	When ready for use, the end-use concentration is not to exceed 234 ppm
Ethanesulfonic acid, 2-[cyclohexyl (1-oxohexadecyl) amino]-, sodium salt	132–43–4	When ready for use, the end-use concentration is not to exceed 237 ppm
Ethanol	64–17–5	None
Ethanol, 2 butoxy-	111–76–2	None
Ethanol, 2-(2-ethoxyethoxy)-	111–90–0	None
Ethylenediaminetetraacetic acid (EDTA), disodium salt	139–33–3	When ready for use, the end-use concentration is not to exceed 1400 ppm
Ethylenediaminetetraacetic acid (EDTA), tetrasodium salt	64–02–8	None
Fatty acids, coco, potassium salts	61789–30–8	None
Fatty acids, tall-oil, sulfonated, sodium salts	68309–27–3	When ready for use, the end-use concentration is not to exceed 66 ppm
FD&C Yellow No. 5 (Tartrazine) (conforming to 21 CFR 74.705)	1934–21–0	None
D-Gluconic acid, monosodium salt	527–07–1	When ready for use, the end-use concentration is not to exceed 760 ppm
Hydriodic acid	10034–85–2	When ready for use, the total end-use concentration of all iodide-producing chemicals in the solution is not to exceed 25 ppm of titratable iodine

Pesticide Chemical	CAS Reg. No.	Limits
Hydrogen peroxide	7722–84–1	When ready for use, the end-use concentration is not to exceed 1100 ppm
Hypochlorous acid, calcium salt	7778–54–3	When ready for use, the end-use concentration of all hypochlorous acid chemicals in the solution is not to exceed 200 ppm determined as total available chlorine
Hypochlorous acid, lithium salt	13840–33–0	When ready for use, the end-use concentration of all hypochlorous acid chemicals in the solution is not to exceed 200 ppm determined as total available chlorine and 30 ppm lithium
Hypochlorous acid, potassium salt	7778–66–7	When ready for use, the end-use concentration of all hypochlorous acid chemicals in the solution is not to exceed 200 ppm determined as total available chlorine
Hypochlorous acid, sodium salt	7681–52–9	When ready for use, the end-use concentration of all hypochlorous acid chemicals in the solution is not to exceed 200 ppm determined as total available chlorine
Iodine	7553–56–2	When ready for use, the total end-use concentration of all iodide-producing chemicals in the solution is not to exceed 25 ppm of titratable iodine
Magnesium oxide	1309–48–4	None
Methylene blue	61–73–4	When ready for use, the end-use concentration is not to exceed 0.4 ppm
Neodecanoic acid	26896–20–8	When ready for use, the end-use concentration is not to exceed 174 ppm
Nonanoic acid	112–05–0	When ready for use, the end-use concentration is not to exceed 90 ppm
α-(p-Nonylphenyl)-ω-hydroxypoly (oxyethylene) maximum average molecular weight (in amu), 748	None	None
α-(p-Nonylphenol)-ω-hydroxypoly (oxyethylene) average poly(oxyethylene) content 11 moles	None	None
α-(p-Nonylphenyl)-ω-hydroxypoly (oxyethylene) produced by the condensation of 1 mole p-nonylphenol with 9 to 12 moles ethylene oxide	None	None
α-(p-Nonylphenyl)-ω-hydroxypoly (oxyethylene), 9 to 13 moles ethylene oxide	None	None
Octadecanoic acid, calcium salt	1592–23–0	None
9-Octadecenoic acid (9Z)-, sulfonated	68988–76–1	When ready for use, the end-use concentration is not to exceed 312 ppm
9-Octadecenoic acid (9Z)-sulfonated, sodium salts	68443–05–0	When ready for use, the end-use concentration is not to exceed 200 ppm
1-Octanamine, N,N-dimethyl-	7378–99–6	When ready for use, the end-use concentration is not to exceed 113 ppm
1,2-Octanedisulfonic acid	113669–58–2	When ready for use, the end-use concentration is not to exceed 102 ppm
1-Octanesulfonic acid	3944–72–7	When ready for use, the end-use concentration is not to exceed 172 ppm
1-Octanesulfonic acid, sodium salt	5324–84–5	When ready for use, the end-use concentration is not to exceed 312 ppm
1-Octanesulfonic acid, 2-sulfino-	113652–56–5	When ready for use, the end-use concentration is not to exceed 102 ppm
Octanoic acid	124–07–2	When ready for use, the end-use concentration is not to exceed 234 ppm
Oxirane, methyl-, polymer with oxirane, minimum molecular weight (in amu), 1900	9003–11–6	None
Oxirane, methyl-, polymer with oxirane, block, average molecular weight (in amu), 1900	106392–12–5	None
Oxirane, methyl-, polymer with oxirane, block, minimum average molecular weight (in amu), 2000	None	None
Oxirane, methyl-, polymer with oxirane, block, 27 to 31 moles of polyoxypropylene, average molecular weight (in amu) 2000	None	None

Pesticide Chemical	CAS Reg. No.	Limits
Oxychloro species (predominantly chlorite, chlorate and chlorine dioxide in an equilibrium mixture) generated either (i) by directly metering a concentrated chlorine dioxide solution prepared just prior to use, into potable water, or (ii) by acidification of an aqueous alkaline solution of oxychloro species (predominately chlorite and chlorate) followed by dilution with potable water	None	When ready for use, the end-use concentration is not to exceed 200 ppm of chlorine dioxide as determined by the method titled, ''Iodometric Method for the Determination of Available Chlorine Dioxide (50-250 ppm available chlorine dioxide)''
Oxychloro species (including chlorine dioxide) generated by acidification of an aqueous solution of sodium chlorite	None	When ready for use, the end-use concentration is not to exceed 200 ppm of chlorine dioxide as determined by the method titled, ''Iodometric Method for the Determination of Available Chlorine Dioxide (50-250 ppm available chlorine dioxide)''
2,4-Pentanediol, 2-methyl-	107–41–5	None
Peroxyacetic acid	79–21–0	When ready for use, the end-use concentration is not to exceed 315 ppm
Peroxyoctanoic acid	33734–57–5	When ready for use, the end-use concentration is not to exceed 122 ppm
Phenol, 4-chloro-2-(phenylmethyl)-	120–32–1	When ready for use, the end-use concentration is not to exceed 320 ppm
Phenol, 4-(1,1-dimethylpropyl)-	80–46–6	When ready for use, the end-use concentration is not to exceed 80 ppm
Phosphonic acid, (1-hydroxyethylidene)bis-	2809–21–4	When ready for use, the end-use concentration is not to exceed 34 ppm
Phosphoric acid	7664–38–2	None
Phosphoric acid, monosodium salt	7558–80–7	When ready for use, the end-use concentration is not to exceed 350 ppm
Phosphoric acid, trisodium salt	7601–54–9	When ready for use, the end-use concentration is not to exceed 5916 ppm
Poly(oxy-1,2-ethanediyl), α-[(1,1,3,3-tetramethylbutyl) phenyl]-ω-hydroxy-, produced with one mole of the phenol and 4 to 14 moles ethylene oxide	None	None
Potassium bromide	7758–02–3	When ready for use, the end-use concentration of all bromide-producing chemicals in the solution is not to exceed 200 ppm total available halogen
Potassium iodide	7681–11–0	When ready for use, the total end-use concentration of all iodide-producing chemicals in the solution is not to exceed 25 ppm of titratable iodine
Propanoic acid	79–09–4	When ready for use, the end-use concentration is not to exceed 297 ppm
Quaternary ammonium compounds, alkyl (C_{12}-C_{18}) benzyldimethyl, chlorides	8001–54–5	When ready for use, the end-use concentration of this specific quaternary compound is not to exceed 200 ppm within the end-use total concentration that is not to exceed 400 ppm active quaternary compound
Quaternary ammonium compounds, n-alkyl (C_{12}-C_{14}) dimethyl ethylbenzyl ammonium chloride, average molecular weight (in amu), 377 to 384	None	When ready for use, the end-use concentration of this specific quaternary compound is not to exceed 200 ppm within the end-use total concentration that is not to exceed 400 ppm active quaternary compound
Quaternary ammonium compounds, n-alkyl (C_{12}-C_{18}) dimethyl ethylbenzyl ammonium chloride average molecular weight (in amu) 384	None	When ready for use, the end-use concentration of this specific quaternary compound is not to exceed 200 ppm within the end-use total concentration that is not to exceed 400 ppm active quaternary compound
Quaternary ammonium compounds, di-n-Alkyl (C_8-C_{10}) dimethyl ammonium chloride, average molecular weight (in amu), 332 to 361	None	When ready for use, the end-use concentration of this specific quaternary compound is not to exceed 240 ppm within the end-use total concentration that is not to exceed 400 ppm active quaternary compound
Sodium-α-alkyl(C_{12}-C_{15})-ω-hydroxypoly (oxyethylene) sulfate with the poly(oxyethylene) content averaging one mole	None	None
Sodium bromide	7647–15–6	When ready for use, the end-use concentration of all bromide-producing chemicals in the solution is not to exceed 200 ppm total available halogen

Pesticide Chemical	CAS Reg. No.	Limits
Sodium iodide	7681–82–5	When ready for use, the total end-use concentration of all iodide-producing chemicals in the solution is not to exceed 25 ppm of titratable iodine
Sulfuric acid monododecyl ester, sodium salt (sodium lauryl sulfate)	151–21–3	None
1,3,5-Triazine-2,4,6(1H,3H,5H)-trione, 1,3-dichloro-	2782–57–2	When ready for use, the end-use concentration of all di- or trichloroisocyanuric acid chemicals in the solution is not to exceed 100 ppm determined as total available chlorine
1,3,5-Triazine-2,4,6(1H,3H,5H)-trione, 1,3-dichloro-, potassium salt	2244–21–5	When ready for use, the end-use concentration of all di- or trichloroisocyanuric acid chemicals in the solution is not to exceed 100 ppm determined as total available chlorine
1,3,5-Triazine-2,4,6(1H,3H,5H)-trione, 1,3-dichloro-, sodium salt	2893–78–9	When r use, the end-use concentration of all di- or trichloroisocyanuric acid chemicals in the solution is not to exceed 100 ppm determined as total available chlorine
1,3,5-Triazine-2,4,6(1H,3H,5H)-trione, 1,3,5-trichloro-	87–90–1	When ready for use, the end-use concentration of all di- or trichloroisocyanuric acid chemicals in the solution is not to exceed 100 ppm determined as total available chlorine
1,3,5-Triazine, N,N′,N″-trichloro-2,4,6-triamino-	7673–09–8	When ready for use, the end-use concentration of all di- or trichloroisocyanuric acid chemicals in the solution is not to exceed 200 ppm determined as total available chlorine

[69 FR 23136, Apr. 28, 2004]

EDITORIAL NOTE: For FEDERAL REGISTER citations affecting §180.940, see the List of CFR Sections Affected, which appears in the Finding Aids section of the printed volume and at *www.govinfo.gov*.

§ 180.950 Tolerance exemptions for minimal risk active and inert ingredients.

Unless specifically excluded, residues resulting from the use of the following substances as either an inert or an active ingredient in a pesticide chemical formulation, including antimicrobial pesticide chemicals, are exempted from the requirement of a tolerance under FFDCA section 408, if such use is in accordance with good agricultural or manufacturing practices.

(a) *Commonly consumed food commodities*. Commonly consumed food commodities means foods that are commonly consumed for their nutrient properties. The term commonly consumed food commodities shall only apply to food commodities (whether a raw agricultural commodity or a processed commodity) in the form the commodity is sold or distributed to the public for consumption.

(1) Included within the term commonly consumed food commodities are:

(i) Sugars such as sucrose, lactose, dextrose and fructose, and invert sugar and syrup.

(ii) Spices such as cinnamon, cloves, and red pepper.

(iii) Herbs such as basil, anise, or fenugreek.

(2) Excluded from the term commonly consumed food commodities are:

(i) Any food commodity that is adulterated under 21 U.S.C. 342.

(ii) Both the raw and processed forms of peanuts, tree nuts, milk, soybeans, eggs, fish, crustacea, and wheat.

(iii) Alcoholic beverages.

(iv) Dietary supplements.

(b) *Animal feed items*. Animal feed items means meat meal and all items derived from field crops that are fed to livestock excluding both the raw and processed forms of peanuts, tree nuts, milk, soybeans, eggs, fish, crustacea, and wheat. Meat meal is an animal feed composed of dried animal fat and protein that has been sterilized. Other than meat meal, the term animal feed item does not extend to any item designed to be fed to animals that contains, to any extent, components of animals. Included within the term animal feed items are:

(1) The hulls and shells of the commodities specified in paragraph