

Environmental Protection Agency

§ 180.930

§ 180.930 Inert ingredients applied to animals; exemptions from the requirement of a tolerance.

when used in accordance with good agricultural practice as inert (or occasionally active) ingredients in pesticide formulations applied to animals:

The following materials are exempted from the requirement of a tolerance

TABLE 1 TO 180.930

| Inert ingredients | Limits | Uses |
|---|--|---|
| Acetic acid (CAS Reg. No. 64-19-7) | Not more than 0.5% of pesticide formulation. | Catalyst |
| Acetic anhydride ..... | ..... | Solvent, cosolvent, stabilizer |
| Acetone (Cas Reg. No. 67-64-1) ..... | ..... | Solvent or cosolvent |
| Alcohols, C ₂₋₃₃ , manuf. of, by-products from, overheads (CAS Reg. No. 876065-86-0). | ..... | Solvent |
| Alkanoic and alkenoic acids, mono- and diesters of α-hydro-ω-hydroxypoly(oxyethylene) with molecular weight (in amu) range of 200 to 6,000. | ..... | Emulsifiers |
| Alkyl (C ₈ -C ₂₄) benzenesulfonic acid and its ammonium, calcium, magnesium, potassium, sodium, and zinc salts. | ..... | Surfactants, emulsifier, related adjuvants of surfactants |
| Alkyl (C ₁₂ -C ₁₆) dimethyl ammonio acetate (CAS Reg. Nos. 683-10-3, 2601-33-4 and 693-33-4. | 20% by weight in pesticide formulation. | Surfactant |

TABLE 1 TO 180.930—Continued

| Inert ingredients | Limits | Uses |
|--|---|---|
| <p>α-alkyl (minimum C6 linear, branched, saturated and/or unsaturated)-ω-hydroxypolyoxyethylene polymer with or without polyoxypropylene, mixture of di- and monohydrogen phosphate esters and the corresponding ammonium, calcium, magnesium, monoethanolamine, potassium, sodium, and zinc salts of the phosphate esters; minimum oxyethylene content is 2 moles; minimum oxypropylene content is 0 moles (CAS Reg. Nos.: 9004-80-2, 9046-01-9, 26982-05-8, 31800-89-2, 37280-82-3, 37281-86-0, 39341-09-8, 39341-65-6, 39464-66-9, 39464-69-2, 42612-52-2, 50643-20-4, 50668-50-3, 51325-10-1, 51884-64-1, 52019-36-0, 57486-09-6, 58206-38-5, 58318-92-6, 58857-49-1, 59112-71-9, 60267-55-2, 61837-79-4, 62362-49-6, 62482-61-5, 63747-86-4, 63887-54-7, 63887-55-8, 66020-37-9, 66272-25-1, 66281-20-7, 67711-84-6, 67786-06-5, 67989-06-4, 68070-99-5, 68071-17-0, 68071-35-2, 68071-37-4, 68130-44-9, 68130-45-0, 68130-46-1, 68130-47-2, 68186-29-8, 68186-34-5, 68186-36-7, 68186-37-8, 68238-84-6, 68311-02-4, 68311-04-6, 68332-75-2, 68389-72-0, 68400-75-9, 68413-78-5, 68425-73-0, 68425-75-2, 68439-39-4, 68458-48-0, 68511-15-9, 68511-36-4, 68511-37-5, 68551-05-3, 68585-15-9, 68585-16-0, 68585-17-1, 68585-36-4, 68585-39-7, 68603-24-7, 68607-14-7, 68610-64-0, 68610-65-1, 68649-29-6, 68649-30-9, 68650-84-0, 68815-11-2, 68855-46-9, 68856-03-1, 68890-90-4, 68890-91-5, 68891-12-3, 68891-13-4, 68891-26-9, 68908-64-5, 68909-65-9, 68909-67-1, 68909-69-3, 68921-24-4, 68921-60-8, 68954-87-0, 68954-88-1, 68954-92-7, 68987-35-9, 69029-43-2, 69980-69-4, 70247-99-3, 70248-14-5, 70844-96-1, 70903-63-8, 71965-23-6, 71965-24-7, 72480-27-4, 72623-67-7, 72623-68-8, 72828-56-9, 72828-57-0, 73018-34-5, 73038-25-2, 73050-08-5, 73050-09-6, 73361-29-2, 73378-71-9, 73378-72-0, 73559-42-9, 73559-43-0, 73559-44-1, 73559-45-2, 74499-76-6, 76930-25-1, 78041-18-6, 78330-22-0, 78330-24-2, 82465-25-6, 84843-37-8, 91254-26-1, 93925-54-3, 95014-34-9, 96416-89-6, 99924-51-3, 103170-31-6, 103170-32-7, 106233-09-4, 106233-10-7, 108818-88-8, 110392-49-9, 111798-26-6, 111905-50-1, 116671-23-9, 117584-36-8, 119415-05-3, 120913-45-3, 121158-61-0, 121158-63-2, 123339-53-7, 125139-13-1, 125301-86-2, 125301-87-3, 126646-03-5, 129208-04-4, 129870-77-5, 129870-80-0, 130354-37-9, 136504-88-6, 143372-50-3, 143372-51-4, 144336-75-4, 146815-57-8, 151688-56-1, 154518-39-5, 154518-40-8, 155240-11-2, 157627-92-4, 159704-69-5, 160498-49-7, 160611-24-5, 171543-66-1, 172027-16-6, 172274-69-0, 176707-42-9, 181963-82-6, 188741-55-1, 191940-53-1, 210493-60-0, 210993-53-6, 2275654-37-8, 246159-55-7, 251298-11-0, 261627-68-3, 290348-69-5, 290348-70-8, 317833-96-8, 340681-28-9, 422563-19-7, 422563-26-6, 522613-09-8, 717140-06-2, 717140-09-5, 717827-29-7, 762245-80-7, 762245-81-8, 866538-89-8, 866538-90-1, 873662-29-4, 913068-96-9, 936100-29-7, 936100-30-0, 1072943-56-6, 1087209-87-7, 1174313-54-2, 1187742-89-7, 1187743-35-6, 1205632-03-6, 1233235-49-8, 1451002-50-8, 1456802-88-2, 1456802-89-3, 1456803-12-5).</p> | <p>Not to exceed 30% by weight in pesticide formulations.</p> | <p>Surfactants, related adjuvants of surfactants.</p> |

TABLE 1 TO 180.930—Continued

| Inert ingredients | Limits | Uses |
|---|---|---|
| <p>α-alkyl(C₆-C₁₅)-ω-hydroxypoly(oxyethylene)sulfate, and its ammonium, calcium, magnesium, potassium, sodium, and zinc salts, poly(oxyethylene) content averages 2-4 moles (CAS Reg. Nos.: 3088-31-1, 3694-74-4, 9004-82-4, 9004-84-6, 9021-91-4, 9086-52-6, 13150-00-0, 15826-16-1, 25446-78-0, 26183-44-8, 27140-00-7, 27731-61-9, 27731-61-9, 27731-62-0, 32612-48-9, 34431-25-9, 35015-74-8, 50602-06-7, 52286-18-7, 52286-19-8, 54116-08-4, 55901-67-2, 61702-79-2, 61894-66-4, 62755-21-9, 63428-85-3, 63428-86-4, 63428-87-5, 65086-57-9, 65086-79-5, 65104-74-7, 65122-38-5, 67674-66-2, 67762-19-0, 67762-21-4, 67845-82-3, 67845-83-4, 67923-90-4, 68037-05-8, 68037-06-9, 68171-41-5, 68424-50-0, 68511-39-7, 68585-34-2, 68610-66-2, 68611-29-0, 68611-55-2, 68649-53-6, 68890-88-0, 68891-29-2, 68891-30-5, 68891-38-3, 69011-37-6, 73665-22-2, 75422-21-8, 78330-16-2, 78330-17-3, 78330-25-3, 78330-26-4, 78330-27-5, 78330-28-6, 78330-29-7, 78330-30-0, 96130-61-9, 106597-03-9, 110392-50-2, 119432-41-6, 125301-88-4, 125301-89-5, 125301-92-0, 125736-54-1, 157707-85-2, 160104-51-8, 160901-27-9, 160901-28-0, 160901-29-1, 160901-30-4, 161025-28-1, 161074-79-9, 162063-19-6, 219756-63-5).</p> | <p>Not to exceed 30% of formulation.</p> | <p>Surfactants, related adjuvants of surfactants.</p> |
| <p>α-alkyl (C₁₂-C₁₅)-ω-hydroxypoly (oxypropylene)poly (oxyethylene)copolymers (where the poly(oxypropylene) content is 3-60 moles and the poly(oxyethylene) content is 5-80 moles), the resulting ethoxylated propoxylated (C₁₂-C₁₅) alcohols having a minimum molecular weight (in amu) of 1,500, CAS Reg. No. 68551-13-3.</p> | <p>Not to exceed 20% of pesticide formulations.</p> | <p>Surfactant</p> |

TABLE 1 TO 180.930—Continued

| Inert ingredients | Limits | Uses |
|---|--------|--|
| <p>α-Alkyl-ω-hydroxypoly (oxypropylene) and/or poly (oxyethylene) polymers where the alkyl chain contains a minimum of six carbons (CAS Reg. Nos.: 9002-92-0; 9004-95-9; 9004-98-2; 9005-00-9; 9035-85-2; 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).</p> | | <p>Surfactants, related adjuvants of surfactants</p> |

TABLE 1 TO 180.930—Continued

| Inert ingredients | Limits | Uses |
|---|--|---|
| <p>α-alkyl (minimum C₆ linear, branched, saturated and/or unsaturated)-ω-hydroxypolyoxyethylene polymer with or without polyoxypropylene, mixture of di- and monohydrogen phosphate esters and the corresponding ammonium, calcium, magnesium, monoethanolamine, potassium, sodium, and zinc salts of the phosphate esters; minimum oxyethylene content is 2 moles; minimum oxypropylene content is 0 moles. (CAS Reg. Nos.: 9004-80-2, 9046-01-9, 26982-05-8, 31800-89-2, 37280-82-3, 37281-86-0, 39341-09-8, 39341-65-6, 39464-66-9, 39464-69-2, 42612-52-2, 50643-20-4, 50668-50-3, 51325-10-1, 51884-64-1, 52019-36-0, 52019-38-2, 52019-38-2, 57486-09-6, 58206-38-5, 58318-92-6, 58857-49-1, 59112-71-9, 60267-55-2, 61837-79-4, 62362-49-6, 62482-61-5, 63747-86-4, 63887-54-7, 63887-55-8, 66020-37-9, 66272-25-1, 66281-20-7, 67711-84-6, 67786-06-5, 67989-06-4, 68070-99-5, 68071-17-0, 68071-35-2, 68071-37-4, 68130-44-9, 68130-45-0, 68130-46-1, 68130-47-2, 68186-29-8, 68186-34-5, 68186-36-7, 68186-37-8, 68238-84-6, 68311-02-4, 68311-04-6, 68332-75-2, 68389-72-0, 68400-75-9, 68413-78-5, 68425-73-0, 68425-75-2, 68439-39-4, 68458-48-0, 68511-15-9, 68511-36-4, 68511-37-5, 68551-05-3, 68585-15-9, 68585-16-0, 68585-17-1, 68585-36-4, 68585-39-7, 68603-24-7, 68607-14-7, 68610-64-0, 68610-65-1, 68649-29-6, 68649-30-9, 68650-84-0, 68815-11-2, 68855-46-9, 68856-03-1, 68890-90-4, 68890-91-5, 68891-12-3, 68891-13-4, 68891-26-9, 68908-64-5, 68909-65-9, 68909-67-1, 68909-69-3, 68921-24-4, 68921-60-8, 68954-87-0, 68954-88-1, 68954-92-7, 68987-35-9, 69029-43-2, 69980-69-4, 70247-99-3, 70248-14-5, 70844-96-1, 70903-63-8, 71965-23-6, 71965-24-7, 72480-27-4, 72623-67-7, 72623-68-8, 72828-56-9, 72828-57-0, 73018-34-5, 73038-25-2, 73050-08-5, 73050-09-6, 73361-29-2, 73378-71-9, 73378-72-0, 73559-42-9, 73559-43-0, 73559-44-1, 73559-45-2, 74499-76-6, 76930-25-1, 78041-18-6, 78330-22-0, 78330-24-2, 82465-25-6, 84843-37-8, 91254-26-1, 93925-54-3, 95014-34-9, 96416-89-6, 99924-51-3, 103170-31-6, 103170-32-7, 106233-09-4, 106233-10-7, 108818-88-8, 110392-49-9, 111798-26-6, 111905-50-1, 116671-23-9, 117584-36-8, 119415-05-3, 120913-45-3, 121158-61-0, 121158-63-2, 123339-53-7, 125139-13-1, 125301-86-2, 125301-87-3, 126646-03-5, 129208-04-4, 129870-77-5, 129870-80-0, 130354-37-9, 136504-88-6, 143372-50-3, 143372-51-4, 144336-75-4, 146815-57-8, 151688-56-1, 154518-39-5, 154518-40-8, 155240-11-2, 159704-69-5, 160498-49-7, 160611-24-5, 171543-66-1, 172027-16-6, 172274-69-0, 176707-42-9, 181963-82-6, 188741-55-1, 191940-53-1, 210493-60-0, 210993-53-6, 246159-55-7, 251298-11-0, 261627-68-3, 290348-69-5, 290348-70-8, 317833-96-8, 340681-28-9, 422563-19-7, 422563-26-6, 522613-09-8, 717140-06-2, 717140-09-5, 717827-29-7, 762245-80-7, 762245-81-8, 866538-89-8, 866538-90-1, 873662-29-4, 913068-96-9, 936100-29-7, 936100-30-0, 1072943-56-6, 1087209-87-7, 1174313-54-2, 1187742-89-7, 1187743-35-6, 1205632-03-6, 1233235-49-8, 1451002-50-8, 1456802-88-2, 1456802-89-3, 1456803-12-5).</p> | <p>Not to exceed 30% of formulation.</p> | <p>Surfactants, related adjuvants of surfactants.</p> |
| <p>N-alkyl (C₈-C₁₈) primary amines and their acetate salts where the alkyl group is linear and may be saturated and/or unsaturated (CAS Reg. Nos. 61790-57-6, 61790-58-7, 61790-59-8, 61790-60-1, 61788-46-3, 61790-33-8, 68155-38-4).</p> | <p>Concentration in formulated end-use products not to exceed 10% by weight in herbicide products, 4% by weight in insecticide products, and 4% by weight in fungicide products.</p> | <p>Surfactants, related adjuvants of surfactants</p> |
| <p>Alkyl (C₈-C₁₈) sulfate and its ammonium, calcium, magnesium, potassium, sodium, and zinc salts.</p> | <p>.....</p> | <p>Surfactant</p> |

TABLE 1 TO 180.930—Continued

| Inert ingredients | Limits | Uses |
|--|--|---|
| N,N-Bis- α -ethyl- ω -hydroxypoly(oxy-1,2-ethanediyl) C ₈ –C ₁₈ saturated and unsaturated alkylamines; the poly(oxy-1,2-ethanediyl) content is 2–60 moles (CAS Reg. Nos. 10213–78–2, 25307–17–9, 26635–92–7, 26635–93–8, 288259–52–9, 58253–49–9, 61790–82–7, 61791–14–8, 61791–24–0, 61791–26–2, 61791–31–9, 61791–44–4, 68155–33–9, 68155–39–5, 68155–40–8, 70955–14–5, 73246–96–5, 1266162–49–5). | Not to exceed 25% in herbicide formulations and 10% in insecticide and fungicide formulations. | Surfactants, related adjuvants of surfactants |
| N,N-Bis- α -ethyl- ω -hydroxypoly(oxy-1,2-ethanediyl)/oxy(methyl-1,2-ethanediyl) C ₈ –C ₁₈ saturated and unsaturated alkylamines; the poly(oxy-1,2-ethanediyl)/oxy(methyl-1,2-ethanediyl) content is 2–60 moles (CAS Reg. Nos. 68213–26–3, 68153–97–9, 75601–76–2). | Not to exceed 25% in herbicide formulations and 10% in insecticide and fungicide formulations. | Surfactants, related adjuvants of surfactants |
| Ascorbyl palmitate | | Preservative |
| Attapulgite-type clay | | Solid diluent, carrier |
| Barium sulfate (CAS Reg. No. 7727–43–7) | | Carrier, density control agent |
| Benzoic acid | | Preservative for formulations |
| 2-Bromo-2-nitro-1,3-propanediol (CAS Reg. No. 52–51–7) | 0.04% or less by weight of the total pesticide formulation. | In-can preservative |
| Butane | | Propellant |
| <i>n</i> -Butanol (CAS Reg. No. 71–36–3) | | Solvent for blended emulsifiers |
| Butoxypolypropylene glycol (CAS Reg. No. 9003–13–8). | | |
| <i>n</i> -Butyl benzoate (CAS RN 136–60–7) | | Solvent |
| <i>n</i> -Butyl-3-hydroxybutyrate (CAS Reg. No. 53605–94–0) | | Solvent |
| Butylated hydroxyanisole | | Antioxidant |
| Butylated hydroxytoluene | | Do. |
| Calcium carbonate | | Solid diluent, carrier |
| Calcium chloride | | Stabilizer |
| Calcium silicate, hydrated calcium silicate | | Anticaking agent, solid diluent, carrier |
| C ₉ rich aromatic hydrocarbons (CAS Reg. No. 64742–95–6) | | Solvent |
| C _{10–11} rich aromatic hydrocarbons (CAS Reg. No. 64742–94–5). | | Solvent |
| C _{11–12} rich aromatic hydrocarbons (CAS Reg. No. 64742–94–5). | | Solvent |
| Calcium stearate (CAS Reg. No. 1592–23–0) | | Stabilizer, component of plastic animal tag |
| Calcium sulfate | | Solid diluent, carrier |
| Carbon black (CAS Reg. No. 1333–86–4) | | Colorant/pigment in animal tag |
| Carbon Dioxide (CAS Reg. No. 124–38–9) | None | Propellant |
| Carrageenan, conforming to 21 CFR 172.620 | Minimum molecular weight (in amu): 100,000. | Thickener |
| Cumene sulfonic acid and its ammonium, calcium, magnesium, potassium, sodium and zinc salts (CAS Reg. Nos. 15763–76–5, 16066–35–6, 164524–02–1, 28085–69–0, 28348–53–0, 28631–63–2, 32073–22–6, 37475–88–0, 37953–05–2, and 90959–88–9). | | Surfactant, related adjuvant of surfactant |
| Cyclohexanone | | Solvent, cosolvent |
| D&C Green No. 6 | | Dye, coloring agent |
| D&C Red No. 17 | | Do. |
| D&C Violet No. 2 | | Do. |
| 5-decyne-4,7-diol, 2,4,7,9-tetramethyl- (CAS Reg. No. 126–86–3). | | surfactant, related adjuvant of surfactants and carriers. |
| Dialkyl (C ₈ –C ₁₈) dimethylammonium chloride | Not more than 0.2% in silica hydrated silica. | Flocculating agent in the manufacture of silica hydrated silica for use as a solid diluent, carrier |
| Diatomite (diatomaceous earth) | | Solid diluent, carrier |
| Diethanolamine salts of alkyl (C ₈ –C ₂₄) benzenesulfonic acid (CAS Reg. Nos. 26545–53–9, 67815–95–6, 67889–94–5, 67889–95–6, 68259–34–7, 68478–47–7, 68567–68–0, 68815–34–9, 68815–37–2, 68891–02–1, 68953–97–9, 84989–15–1, 85338–09–6, 90194–39–1, 90194–40–4, 90218–08–9). | Not to exceed 7% of pesticide formulation. | Surfactants, related adjuvants of surfactants. |
| Diethylaminoethanol, ethoxylated, propoxylated, reaction products with fatty acid dimers, minimum number average molecular weight (in amu), 1,200 (CAS Reg. No. 1173188–75–4). | | Surfactant |

TABLE 1 TO 180.930—Continued

| Inert ingredients | Limits | Uses |
|---|--|---|
| Diethylaminoethanol, ethoxylated, propoxylated, reaction products with fatty acid trimers, minimum number average molecular weight (in amu), 1,200 (CAS Reg. No. 1173188-83-4). | | Surfactant |
| Diethylaminoethanol, ethoxylated, reaction products with acid trimers, minimum number average molecular weight (in amu), 1,200 (CAS Reg. No. 1173188-81-2). | | Surfactant |
| Diethylaminoethanol, ethoxylated, reaction product with fatty acid dimers, minimum number average molecular weight (in amu), 1,200 (CAS Reg. No. 1173188-72-1). | | Surfactant |
| Diethylphthalate | In pesticide formulations used for insect control in food- and feed-handling establishments and animals; in bird repellent pesticide formulations. | Solvent, cosolvent |
| 1,1-Difluoroethane (CAS Reg. No. 75-37-6) | | Aerosol propellant |
| Dimethyl ether (CAS Reg. No. 115-10-6) | | Propellant |
| Dimethylaminoethanol, ethoxylated, propoxylated, reaction products with fatty acid dimers, minimum number average molecular weight (in amu), 1,200 (CAS Reg. No. 1173188-42-5). | | Surfactant |
| Dimethylaminoethanol, ethoxylated, propoxylated reaction products with fatty acid trimers, minimum number average molecular weight (in amu), 1,200 (CAS Reg. No. 1173188-67-4). | | Surfactant |
| Dimethylaminoethanol, ethoxylated, reaction products with fatty acid trimers, minimum number average molecular weight (in amu), 1,200 (CAS Reg. No. 1173188-38-9). | | Surfactant |
| Dimethylaminoethanol, ethoxylated, reaction products with fatty acid trimers, minimum number average molecular weight (in amu), 1,200 (CAS Reg. No. 1173188-49-2). | | Surfactant |
| Dimethylaminopropylamine, isopropylamine, ethanolamine, and triethanolamine salts of alkyl (C ₈ -C ₂₄) benzenesulfonic acid (CAS Reg. Nos. 3088-30-0, 12068-12-1, 26264-05-1, 26836-07-7, 27323-41-7, 55470-69-4, 58089-99-9, 61886-59-7, 61931-76-8, 67924-05-4, 68110-32-7, 68259-35-8, 68411-31-4, 68442-72-8, 68567-69-1, 68584-24-7, 68584-25-8, 68648-81-7, 68648-96-4, 68649-00-3, 68815-30-5, 68815-35-0, 68910-32-7, 68953-93-5, 68953-98-0, 70528-84-6, 72391-21-0, 84961-74-0, 85480-55-3, 85480-56-4, 85995-82-0, 90194-42-6, 90194-53-9, 90194-54-0, 90194-55-1, 90218-09-0, 90218-11-4, 90218-35-2, 96687-54-6, 99924-49-9, 121617-08-1, 157966-96-6, 193562-36-6, 319926-68-6, 877677-48-0, 1093628-27-3).. | | Surfactants, related adjuvants of surfactants. |
| N,N-Dimethylnonanamide (CAS Reg. No. 6225-08-7) | Not to exceed 20% by weight of pesticide formulation. | Solvent, co-solvent, and adjuvant. |
| 3,6-Dimethyl-4-octyne-3,6-diol | Not more than 2.5% of pesticide formulation. | Surfactants, related adjuvants of surfactants |
| Dimethylpolysiloxane (CAS Reg. No. 9016-00-6) | | Defoaming agent |
| Di-n-butyl carbonate (CAS Reg. No. 542-52-9) | | Solvent |
| Dipropylene glycol monomethyl ether | | Surfactants, related adjuvants of surfactants |
| Distillates (petroleum), solvent-dewaxed heavy paraffinic (CAS Reg. No. 64742-65-0). | | Carrier |
| 6-dodecyne-5,8-diol, 2,5,8,11-tetramethyl- (CAS Reg. No. 68227-33-8). | | surfactant, related adjuvant of surfactants and carriers. |
| Epoxidized soybean oil (CAS Reg. No. 8013-07-8) | | Stabilizer, plasticizer, component animal tag |
| Ethanesulfonic acid, 2-hydroxy- (CAS Reg. No. 107-36-8) ... | | Chelator, sequestrant, or conditioning agent. |
| Ethanesulfonic acid, 2-hydroxy-, ammonium salts (CAS Reg. No. 57267-78-4). | | Do. |
| Ethanesulfonic acid, 2-hydroxy-, calcium salts (CAS Reg. No. 10550-47-7). | | Do. |
| Ethanesulfonic acid, 2-hydroxy-, magnesium salts (CAS Reg. No. 17345-56-1). | | Do. |
| Ethanesulfonic acid, 2-hydroxy-, potassium salts (CAS Reg. No. 1561-99-5). | | Do. |

TABLE 1 TO 180.930—Continued

| Inert ingredients | Limits | Uses |
|---|--|--|
| Ethanesulfonic acid, 2-hydroxy-, sodium salts (CAS Reg. No. 1562–00–1). | ..... | Do. |
| Ethanesulfonic acid, 2-hydroxy-, zinc salts (CAS Reg. No. 129756–32–7). | ..... | Do. |
| Ethyl alcohol ..... | ..... | Solvent, cosolvent |
| Ethyl maltol (CAS Reg. No.4940–11–8) ..... | ..... | Odor masking agent |
| Ethylene oxide adducts of 2,4,7,9-tetramethyl-5-decynediol, the ethylene oxide content averages 3.5, 10 or 30 moles (CAS Reg. No. 9014–85–1). | ..... | Surfactants, related adjuvants of surfactants |
| 2-Ethyl-1-hexanol (CAS Reg. No. 104–76–7) | Not more than 10% of pesticide. | Solvent, adjuvant of surfactants |
| FD&C Blue No. 1 ..... | ..... | Dye, coloring agent |
| FD&C Yellow No. 6 Aluminum Lake (CAS Reg. No. 15790–07–5). | Not more than 2% by weight of pesticide formulation. | Pigment in animal tag and similar slow-release devices |
| Formic Acid (CAS Reg. No. 64–18–6) | 25% | pH adjuster. |
| D-glucitol, 1,4:3,6-dianhydro-2,5-di-O-methyl-(CAS Reg. No. 5306–85–4); D-glucitol, 1,4:3,6-dianhydro-2,5-di-O-ethyl-(CAS Reg. No. 30915–81–2); D-glucitol, 1,4:3,6-dianhydro-2,5-di-O-propyl) (CAS Reg. No.107644–13–3); D-glucitol, 1,4:3,6-dianhydro-2,5-bis-O-(1-methylethyl)-,(iso-propyl diether) (CAS Reg. No. 103594–41–8); D-glucitol, 1,4:3,6-dianhydro-2,5-di-O-butyl- (CAS Reg. No. 103594–42–9); D-glucitol, 1,4:3,6-dianhydro-2,5-di-O-(1-methylpropyl)-, (CAS Reg. No. not assigned); and D-glucitol, 1,4:3,6-dianhydro-2,5-di-O-(2-methylpropyl)-, (CAS Reg. No. not assigned). | ..... | solvent, co-solvent, viscosity modifier, and adjuvant |
| D-glucopyranose, oligomeric, C _{10–16} -alkyl glycosides (CAS Reg. No. 110615–47–9). | ..... | Surfactant |
| Glycerol monooleate ..... | ..... | Surfactants, related adjuvants of surfactants |
| Glyceryl monostearate ..... | ..... | Emulsifier |
| Glyceryl tris-12-hydroxystearate ..... | ..... | Flow control agent |
| Graphite ..... | ..... | Solid diluent, carrier |
| n-Hexyl alcohol (CAS Reg. No. 111–27–3) ..... | ..... | Solvent, cosolvent |
| Hydroxyethylmorpholine, ethoxylated, propoxylated, reaction products with fatty acid dimers, minimum number average molecular weight (in amu), 1,200 (CAS Reg. No. 1173189–06–4). | ..... | Surfactant |
| Hydroxyethylmorpholine, ethoxylated, propoxylated, reaction products with fatty acid trimers, minimum number average molecular weight (in amu), 1,200 (CAS Reg. No. 1173188–67–4). | ..... | Surfactant |
| Hydroxyethylmorpholine, ethoxylated, reaction products with fatty acid dimers, minimum number average molecular weight (in amu), 1,200 (CAS Reg. No. 1173189–00–8). | ..... | Surfactant |
| Hydroxyethylmorpholine, ethoxylated, reaction products with fatty acid trimers, minimum number average molecular weight (in amu), 1,200 (CAS Reg. No. 1173189–09–7). | ..... | Surfactant |
| Hydroxyethylpiperidine, ethoxylated, propoxylated, reaction products with fatty acid dimers, minimum number average molecular weight (in amu), 1,200 (CAS Reg. No. 1173189–22–4). | ..... | Surfactant |
| Hydroxyethylpiperidine, ethoxylated, propoxylated, reaction products with fatty acid trimers, minimum number average molecular weight (in amu), 1,200 (CAS Reg. No. 1173189–28–0). | ..... | Surfactant |
| Hydroxyethylpiperidine, ethoxylated, reaction products with fatty acid dimers, minimum number average molecular weight (in amu), 1,200 (CAS Reg. No. 1173189–20–2). | ..... | Surfactant |
| Hydroxyethylpiperidine, ethoxylated, reaction products with fatty acid trimers, minimum number average molecular weight (in amu), 1,200 (CAS Reg. No. 1173189–25–7). | ..... | Surfactant |
| 2-(2'-Hydroxy-5'-methylphenyl)benzotriazole (CAS Reg. No. 2440–22–4). | Not more than 0.5% by weight of pesticide formulation. | Ultraviolet light absorber/stabilizer in animal tag and similar slow-release devices |
| Iron oxide (CAS Reg. No. 1309–37–1) ..... | ..... | Colorant in pesticide formulations for animal tags |
| Iron oxide (Fe ₂ O ₃) (CAS Reg. No. 1317–61–9) | Not to exceed 0.2% of pesticide formulations. | Colorant |
| Isobutane (CAS Reg. No. 75–28–5) | None | Propellant |

TABLE 1 TO 180.930—Continued

| Inert ingredients | Limits | Uses |
|--|---|--|
| Isopropyl-3-hydroxybutyrate (CAS Reg. No. 54074-94-1) | | Solvent |
| Isopropyl myristate, CAS Reg. No. 110-27-0 | | Solvent |
| Kaolinite-type clay | | Solid diluent, carrier |
| Kerosene, U.S.P. reagent | | Solvent, cosolvent |
| Lactic acid | | Solvent |
| Lactic acid, 2-ethylhexyl ester (CAS Reg. No. 6283-86-9) | | Solvent |
| Lactic acid, 2-ethylhexyl ester, (2S)- (CAS Reg. No. 186817-80-1). | | Solvent |
| Lactic acid, n-propyl ester, (S); (CAS Reg. No. 53651-69-7) | | Solvent |
| Lignin (CAS Reg. No. 9005-53-2) | | Surfactant, related adjuvants of surfactants |
| Lignin, alkali (CAS Reg. No. 8068-05-1) | | Do. |
| Lignin, alkali, oxidized, sodium salt (CAS Reg. No. 68201-23-0). | | Do. |
| Lignin alkali reaction products with disodium sulfite and formaldehyde (CAS Reg. No. 105859-97-0). | | Do. |
| Lignin alkali reaction products with formaldehyde and sodium bisulfite (CAS Reg. No. 68512-35-6). | | Do. |
| Lignosulfonic acid (CAS Reg. No. 8062-15-5) | | Do. |
| Lignosulfonic acid, ammonium calcium salt (CAS Reg. No. 12710-04-2). | | Do. |
| Lignosulfonic acid, ammonium magnesium salt (CAS Reg. No. 123175-37-1). | | Do. |
| Lignosulfonic acid, ammonium salt (CAS Reg. No. 8061-53-8). | | Do. |
| Lignosulfonic acid, ammonium sodium salt (CAS Reg. No. 166798-73-8). | | Do. |
| Lignosulfonic acid, calcium magnesium salt (CAS Reg. No. 55598-86-2). | | Do. |
| Lignosulfonic acid, calcium salt (CAS Reg. No. 8061-52-7) .. | | Do. |
| Lignosulfonic acid, calcium sodium salt (CAS Reg. No. 37325-33-0). | | Do. |
| Lignosulfonic acid, ethoxylated, sodium salt (CAS Reg. No. 68611-14-3). | | Do. |
| Lignosulfonic acid, magnesium salt (CAS Reg. No. 8061-54-9). | | Do. |
| Lignosulfonic acid, potassium salt (CAS Reg. No. 37314-65-1). | | Do. |
| Lignosulfonic acid, sodium salt (CAS Reg. No. 8061-51-6) ... | | Do. |
| Lignosulfonic acid, sodium salt, oxidized (CAS Reg. No. 68855-41-4). | | Do. |
| Lignosulfonic acid, sodium salt, polymer with formaldehyde and phenol (CAS Reg. No. 37207-89-9). | | Do. |
| Lignosulfonic acid, sodium salt, sulfomethylated (CAS Reg. No. 68512-34-5). | | Do. |
| Lignosulfonic acid, zinc salt (CAS Reg. No. 57866-49-6) | | Do. |
| d-Limonene (CAS Reg. No. 5989-27-5) | | Solvent, fragrance |
| Magnesium carbonate | | Solid diluent, carrier |
| Magnesium silicate, hydrated magnesium silicate | | Do. |
| Methane sulfonic acid (CAS Reg. No. 75-75-2) | Not to exceed 3.0% by weight in pesticide formulation. | Acidifying agent |
| Methyl alcohol | | Solvent, cosolvent |
| Methyl <i>n</i> -amyl ketone (CAS Reg. No. 110-43-0) | | Solvent, cosolvent |
| Methyl esters of higher fatty acids conforming to 21 CFR 573.640. | | Antidusting agent |
| Methyl- <i>p</i> -hydroxybenzoate (Methyl paraben) | Meets specifications of Food Chemicals Codex; not to exceed 0.1% in formulations. | Preservative |
| Methyl isobutyl ketone | | Solvent, cosolvent |
| 2-methyl-2,4-pentanediol (CAS Reg. No.-107-41-5) | Without limitation | Growing crops and food animals |
| 2-methyl-1,3-propanediol (CAS Reg. No. 2163-42-0) | | Solvent, surfactant |
| Mineral oil, U.S.P., or conforming to 21 CFR 172.878 or 178.3620(a), (b). | | Solvent, diluent |
| Montmorillonite-type clay | | Solid diluent, carrier |

TABLE 1 TO 180.930—Continued

| Inert ingredients | Limits | Uses |
|--|--|---|
| Nonyl, decyl, and undecyl glycoside mixture with a mixture of nonyl, decyl, and undecyl oligosaccharides and related reaction products (primarily decanol and undecanol) produced as an aqueous-based liquid (50 to 65% solids) from the reaction of primary alcohols (containing 15 to 20% secondary alcohol isomers) in a ratio of 20% C ₉ , 40% C ₁₀ , and 40% C ₁₁ with carbohydrates (average glucose to alkyl chain ratio 1.3 to 1.8). | ..... | Surfactant |
| α -(<i>p</i> -Nonylphenol)- ω -hydroxypoly(oxyethylene) mixture of dihydrogen phosphate and monohydrogen phosphate esters and the corresponding ammonium, calcium, magnesium, potassium, sodium, and zinc salts of the phosphate esters; the nonyl group is a propylene trimer isomer and the poly(oxyethylene) content averages 4–14 or 30 moles (CAS Reg. Nos. 51811–79–1, 59139–23–0, 67922–57–0, 68412–53–3, 68553–97–9, 68954–84–7, 99821–14–4, 152143–22–1, 51609–41–7, 37340–60–6, 106151–63–7, 68584–47–4, 52503–15–8, 68458–49–1). | Not to exceed 7% of pesticide formulation. | Surfactants, related adjuvants of surfactants |
| α -(<i>p</i> -Nonylphenol)- ω -hydroxypoly(oxyethylene) sulfate, ammonium, calcium, magnesium, potassium, sodium, and zinc salts the nonyl group is propylene trimer isomer and the poly(oxyethylene) content averages 4 moles (CAS Reg. Nos. 9014–90–8, 9051–57–4, 9081–17–8, 68649–55–8, 68891–33–8). | Not to exceed 7% of pesticide formulation. | Surfactants, related adjuvants of surfactants |
| α -(<i>p</i> -Nonylphenyl)- ω -hydroxypoly(oxyethylene) produced by the condensation of 1 mole of nonylphenol (nonyl group is a propylene trimer isomer) with an average of 4–15 or 30–90 moles of ethylene oxide; if a blend of products is used, the average number of moles of ethylene oxide reacted to produce any product that is a component of the blend shall be in the range of 4–15 or 30–90 moles. | ..... | Surfactants, emulsifier, related adjuvants of surfactants. |
| Octadecyl 3,5-di- <i>tert</i> -butyl-4-hydroxyhydro cinnamate (CAS Reg. No. 2082–79–3). | Not more than 0.5% by weight of pesticide formulation. | Thermal stabilizer/antioxidant in animal tag and similar slow-release devices |
| 1-Octanal (CAS Reg. No. 124–13–0) | Not more than 0.2% of the pesticide formulation. | Odor masking agent |
| Octyl and decyl glucosides mixture with a mixture of octyl and decyl oligosaccharides and related reaction products (primarily <i>n</i> -decanol) produced as an aqueous-based liquid (68–72% solids) from the reaction of straight chain alcohols (C ₈ (45%), C ₁₀) with anhydrous glucose. | ..... | Thermal stabilizer/antioxidant in animal tag and similar slow-release devices |
| Octyl epoxytallate (CAS Reg. No. 61788–72–5) ..... | ..... | Plasticizer, component animal tag |
| Oleic acid, conforming to 21 CFR 172.862 (CAS Reg. No. 112–80–1). | ..... | Defoaming agent |
| α -Oleoyl- ω -hydroxypoly(oxyethylene), average molecular weight (in amu) of 600. | ..... | Emulsifier |
| α -Oleoyl- ω -(oleoyloxy)poly(oxyethylene) derived from α -hydro- ω -hydroxypoly(oxyethylene), molecular weight (in amu) 600. | ..... | Emulsifier, defoaming agent |
| Oxirane, 2-methyl-, polymer with oxirane, mono-2-propen-1-yl ether (CAS Reg. No. 9041–33–2). | ..... | ..... |
| Paraffin waxes and hydrocarbon waxes; carboxypolymethylene resin; and paraffin waxes and hydrocarbon, oxidized, lithium salts. | 8002–74–2; 68153–22–0; 68649–48–9. | ..... |
| Pentaerythritol tetrakis (3-(3,5-di- <i>tert</i> -butyl-4-hydroxyphenyl)propionate) (CAS Reg. No. 6683–19–8). | Not to exceed 3% by weight of the pesticide formulation. | Antioxidant, stabilizer. |
| Petroleum hydrocarbons, light, odorless, conforming to 21 CFR 172.884 or 178.3650. | ..... | Solvent, diluent |
| Petroleum hydrocarbons, synthetic isoparaffinic, conforming to 21 CFR 172.882 or 178.3530. | ..... | Do. |
| Phenol ..... | ..... | Solvent, cosolvent |
| α -Pinene | Not more than 2% of formulation by weight. | Stabilizer |
| Polyethylene (CAS Reg. No. 9002–88–4) conforming to 21 CFR 172.615. | ..... | Component of plastic slow release tag |
| Polyethylene glycol [α -hydro- ω -hydroxypoly(oxyethylene)]; mean molecular weight (in amu) 194 to 9,500 conforms to 21 CFR 178.3750. | ..... | Surfactants, related adjuvants of surfactants |
| Poly(oxy-1,2-ethanediyl), α -acetyl- ω -(2-propen-1-yloxy)- (CAS Reg. No. 27252–87–5). | ..... | ..... |

TABLE 1 TO 180.930—Continued

| Inert ingredients | Limits | Uses |
|--|---|--|
| Poly(oxy-1,2-ethanediyl), α -methyl- ω -(2-propen-1-yloxy)- (CAS Reg. No. 27252-80-8). | | |
| Poly(oxy-1,2-ethanediyl), α -(3-(1,3,3,3-tetramethyl-1-(trimethylsilyl) oxy) disiloxanyl) propyl)- ω -hydroxy- (CAS Reg. No. 67674-67-3). | ..... | Surfactant |
| Potassium benzoate (Cas No. 582-25-2) | None | Preservative |
| Potassium hydroxide | Meeting Food Chemicals, Codex specifications. | Neutralizer |
| Propanamide, 2-hydroxy-N, N-dimethyl- (CAS Reg. No. 35123-06-9). | Not to exceed 50% by weight in pesticide formulation. | Solvent/co-solvent |
| Propane ..... | ..... | Propellant |
| 1,2,3-Propanetriol, homopolymer diisooctadecanoate (CAS Reg. No. 63705-03-3). | ..... | Emulsifier |
| <i>n</i> -Propanol ..... | ..... | Solvent, for blended emulsifiers |
| 2-Propenoic acid, 2-methyl-, polymer with ethyl 2-propenoate and methyl 2-methyl-2-propenoate, ammonium salt (CAS Registration No. 55989-05-4), minimum number average molecular weight (in amu), 18,900. | ..... | Encapsulating agent,dispensers, resins, fibers and beads |
| Propylene glycol ..... | ..... | Solvent, cosolvent |
| Propylene glycol monomethyl ether ..... | ..... | Deactivator, emmolient |
| Propyl gallate ..... | ..... | Antioxidant |
| Propyl <i>p</i> -hydroxybenzoate (Propyl paraben) | Meets specifications of Food Chemicals Codex; not to exceed 0.1% in formulations. | Preservative |
| Pyrophyllite ..... | ..... | Solid diluent, carrier |
| Silica, hydrated silica ..... | ..... | Anticaking agent, solid diluent, carrier |
| Silica aerogel (finely powdered microcellular silica foam having a minimum silica content of 89.5%). | ..... | Component of antifoaming agent |
| Soapstone ..... | ..... | Solid diluent |
| Sodium alkyl naphthalenesulfonates (CAS Reg. Nos. 68909-83-1, 68909-84-2, 68909-82-0, 27213-90-7, 26264-58-4, 27178-87-6, 111163-74-7, 908356-16-1, 25417-20-3, 25638-17-9, 145578-88-7, 1322-93-6, 1323-19-9, 7403-47-6, 68442-09-1, 127646-44-0, 908356-18-3). | Limited to no more than 30% by weight in pesticide end-use products. | Surfactants, related adjuvants of surfactants |
| Sodium 1,4-dihexyl sulfosuccinate (CAS Reg. No. 3006-15-3). | ..... | Surfactants, related adjuvants of surfactants |
| Sodium 1,4-diisobutyl sulfosuccinate (CAS Reg. No. 127-39-9). | ..... | Surfactants, related adjuvants of surfactants |
| Sodium dioctylsulfosuccinate ..... | ..... | Surfactants, related adjuvants of surfactants |
| Sodium 1,4-dipentyl sulfosuccinate (CAS Reg. No. 922-80-5). | ..... | Surfactants, related adjuvants of surfactants |
| Sodium hydroxide ..... | ..... | Neutralizer |
| Sodium monoalkyl and dialkyl (C ₆ -C ₁₆) phenoxy benzenedisulfonates and related acids (CAS Reg. Nos. 147732-59-0, 147732-60-3, 169662-22-0, 70191-75-2, 36445-71-3, 39354-74-0, 70146-13-3, 119345-03-8, 149119-20-0, 149119-19-7, 119345-04-9, 28519-02-0, 25167-32-2, 30260-73-2, 65143-89-7, 70191-76-3). | Not to exceed 20% in pesticide formulations. | Surfactants, related adjuvants of surfactants |
| Sodium <i>N</i> -oleoyl- <i>N</i> -methyl taurine (CAS Reg. No. 137-20-2) | ..... | Surfactants, related adjuvants of surfactants |
| Sodium and potassium salts of <i>N</i> -alkyl (C ₈ -C ₁₈)- β -iminodipropionic acid where the C ₈ -C ₁₈ is linear and may be saturated and/or unsaturated (CAS Reg. Nos. 110676-19-2, 3655-00-3, 61791-56-8, 14960-06-6, 26256-79-1, 90170-43-7, 91696-17-2, 97862-48-1). | Concentration in formulated end-use products not to exceed 30% by weight in pesticide formulations. | Surfactants, related adjuvants of surfactants |
| Sodium starch glycolate (CAS Reg. No. 9063-38-1) | Granular and tableted products only; not to exceed 8% of the formulated product. | Disintegrant |
| Sodium sulfate ..... | ..... | Solid diluent, carrier |
| Sorbitan fatty acid esters (fatty acids limited to C ₁₂ , C ₁₄ , C ₁₆ , and C ₁₈ containing minor amounts of associated fatty acids) and poly(oxyethylene) derivatives of sorbitan fatty acid esters; the poly(oxyethylene) content averages 16-20 moles. | ..... | Buffering agent; corrosion inhibition |
| Sorbitol ..... | ..... | Antidusting agent. |
| Stearic acid (CAS Reg. No. 57-11-4) ..... | ..... | Lubricant, component animal tag |

TABLE 1 TO 180.930—Continued

| Inert ingredients | Limits | Uses |
|---|---|--|
| α -Stearoyl- ω -hydroxypoly(oxyethylene), average molecular weight (in amu) of 600. | | Emulsifier |
| α -Stearoyl- ω -hydroxypoly(oxyethylene); the poly(oxyethylene) content averages 8, 9, or 40 moles; if a blend of products is used, the average number of moles of ethylene oxide reacted to produce any product that is a component of the blend shall be 8, 9, or 40. | | Surfactants; related adjuvants of surfactants |
| Sulfite liquors and cooking liquors, spent, oxidized (CAS Reg. No. 68514-09-0). | | Surfactant, related adjuvants of surfactants |
| Sulfur (CAS Reg. No. 7704-34-9) | | Stabilizer |
| Talc | | Do. |
| Tall oil; fatty acids not less than 58%, rosin acids not more than 44%, unsaponifiables not more than 8%. | | Surfactants, related adjuvants of surfactants |
| Tall oil fatty acids (CAS Reg. No. 61790-12-3) | | Solvent/carrier |
| Tartrazine | | Dye, coloring agent |
| Tetraethyl orthosilicate (CAS Reg. No. 78-10-4) | Not to exceed 2% by weight of pesticide formulations. | Binder. |
| N,N,N',N''-tetrakis-(2-hydroxypropyl) ethylenediamine (CAS Reg. No. 102-60-3). | Concentration in formulated end-use products not to exceed 20% by weight in pesticide formulations. | Stabilizer for formulation. |
| Trans-1,3,3,3-tetrafluoroprop-1-ene (CAS Reg. No. 29118-24-9). | | Propellant. |
| 2,4,7,9-Tetramethyl-5-decyne-4,7-diol | Not more than 2.5% of pesticide formulation. | Surfactants, related adjuvants of surfactants |
| Titanium dioxide (CAS Reg. No. 13463-67-7) | | Pigment/colorant in pesticide formulations for animal tag |
| Toluenesulfonic acid and its ammonium, calcium, magnesium, potassium, sodium, and zinc salts. | | Do. |
| Triacetin (glyceryl triacetate) | | Solvent, cosolvent |
| Trisodium phosphate | | Precipitant, buffer, filler |
| 1-undecanol (CAS Reg. No. 112-42-5), 1-tetradecanol (CAS Reg. No. 112-72-1), 1-octadecanol (CAS Reg. No. 112-92-5), 1-eicosanol (CAS Reg. No. 629-96-9), 1-docosanol (CAS Reg. No. 661-19-8), alcohols, C ₁₆₋₁₈ , distn. residues (CAS Reg. No. 68603-17-8 & CAS Reg. No. 1190630-03-5), alkenes, C ₁₈₋₂₂ , mixed with polyethylene, oxidized, hydrolyzed, distn. residues from C ₁₆₋₁₈ alcs. manuf. (CAS Reg. No. 1430895-61-6), alkenes, C ₁₈₋₂₂ , mixed with polyethylene, oxidized, hydrolyzed, distn. residues from C ₂₀₋₂₂ alcs. manuf. (CAS Reg. No. 1430895-62-7). | | Carrier/Adjuvant and Coating Agent/Binder. |
| Waxes and waxy substances, rice bran, oxidized (CAS Reg. No. 1883583-80-9). | | Flow aid, surface protectant, film-forming agent, carrier, coating agent, or adjuvant |
| Xylene | | Solvent, cosolvent |
| Xylenesulfonic acid and its ammonium, calcium, magnesium, potassium, sodium, and zinc salts. | | Surfactants, related adjuvants of surfactants |
| Zein (CAS Reg. No. 9010-66-6) | Not more than 10,000 ppm in the pesticide formulation. | Stabilizing agent. |
| Zinc oxide | | Solid diluent, carrier |
| Zinc stearate, conforming to 21 CFR 182.5994 and 582.5994 | | Water repellent, dessicant, and coating agent. |
| Zinc stearate (CAS Reg. No. 557-05-1) | | Water repellent, dessicant, and coating agent; stabilizer, component of plastic animal tag |
| Zinc sulfate (basic and monohydrate) | | Water repellent, dessicant, and coating agent |

[69 FR 23130, Apr. 28, 2004]

EDITORIAL NOTE: FOR FEDERAL REGISTER citations affecting § 180.930, see the List of CFR Sections Affected, which appears in the Finding Aids section of the printed volume and at www.govinfo.gov.