

WSDA Spray Adjuvant Ingredients List - 8/6/2020

CAS Number	Chemical name	Synonym	Chemical class	Type(s) / Function(s)	Use Limits	Source(s)	Date	Status
111-76-2	2-Butoxyethanol	Ethylene glycol monobutyl ether	Glycol ether	Solvent	Tolerance exempt, 40 CFR 180.920	CDPR, EPA InertFinder	7/2/2019	
149-57-5	2-Ethylhexanoic acid	n/a - Synonym not allowed for acids, per WSDA policy.	n/a - Chemical class not allowed for acids or non-food and non-feed ingredients, per WSDA policy.	Acidifier, Activator, Emulsifier	NON-FOOD USES ONLY. No tolerance exemption as an inert ingredient, not allowed for use on food or feed crops.	CDPR, EPA InertFinder	6/16/2020	R
104-76-7	2-Ethylhexanol	2-Ethyl-1-hexanol	None	Solvent	Tolerance exempt, 40 CFR 180.910 and .920, not more than 10% of pesticide (limit does not apply to use with herbicides)	CDPR, EPA InertFinder, EPA SRS	4/15/2019	
64366-70-7	2-Ethylhexanol, ethoxylated, propoxylated	Oxirane, 2-methyl-, polymer with oxirane, mono (2-ethylhexyl) ether	Alcohol alkoxylate	Nonionic Surfactant, Spreader, Wetting Agent	Tolerance exempt, 40 CFR 180.910 and .960, data compensation.	CDPR, EPA InertFinder, EPA SRS, EU ECHA	5/10/2019	
127087-87-0	4-Nonylphenol, branched, ethoxylated	Polyethylene glycol mono(branched p-nonylphenyl) ether	Branched alkyl phenol ethoxylate	Nonionic Surfactant, Spreader, Wetting Agent	Tolerance exempt, 40 CFR 180.910 and .920	CDPR, EPA InertFinder	5/10/2019	
26027-38-3	4-Nonylphenol, ethoxylated	Ethoxylated p-nonylphenol	Alkyl phenol ethoxylate	Nonionic Surfactant, Spreader, Wetting Agent	Tolerance exempt, 40 CFR 180.910	EPA InertFinder, EPA SRS, EU ECHA	5/10/2019	
37523-33-4	4-Nonylphenol, formaldehyde resin, propoxylated	Formaldehyde propylene oxide p-nonylphenol polymer	Alkyl phenol formaldehyde resin propoxylated	Sticker	Tolerance exempt, 40 CFR 180.960	CDPR, EPA InertFinder	3/7/2019	
77-71-4	5,5-Dimethylhydantoin	2,4-Imidazolidinedione, 5,5-dimethyl-	n/a - Chemical class not allowed for non-food and non-feed ingredients, per WSDA policy.	Stabilizer (Term not defined by ASTM International)	No tolerance exemption as an inert ingredient, not allowed for use on food or feed crops.	CDPR, EPA InertFinder, EPA SRS	6/20/2019	
64-19-7	Acetic acid	n/a - Synonym not allowed for acids, per WSDA policy.	n/a - Chemical class not allowed for acids, per WSDA policy.	Acidifier, Penetrant	Tolerance exempt, 40 CFR 180.910	CDPR, EPA InertFinder, EPA SRS	7/9/2019	
25820-49-9	Acetic acid ethenyl ester, polymer with oxirane	Acetic acid ethenyl ester, oxirane polymer	None	Compatibility Agent	Tolerance exempt, 40 CFR 180.960	EPA InertFinder, EPA SRS, PubChem	7/10/2019	
25987-30-8	Acrylic acid acrylamide polymer sodium salt	2-Propenoic acid, polymer with 2-propenamide, sodium salt	Acrylic polymer	Deposition Aid, Drift Control Agent	Tolerance exempt, 40 CFR 180.960	CDPR, EPA SRS, EU ECHA	7/8/2019	
25586-20-3	Acrylic acid-butyl acrylate-styrene copolymer	2-Propenoic acid, polymer with butyl 2-propenoate and ethenylbenzene	None	Sticker	Tolerance exempt, 40 CFR 180.960	CDPR, EPA InertFinder, EPA SRS	2/13/2019	
124-04-9	Adipic acid	n/a - Synonym not allowed for acids, per WSDA policy.	n/a - Chemical class not allowed for acids or non-food and non-feed ingredients, per WSDA policy.	Acidifier, Emulsifier	No tolerance exemption as an inert ingredient, not allowed for use on food or feed crops.	CDPR, EPA InertFinder, EPA SRS	7/10/2019	
627-93-0	Adipic acid, dimethyl ester	Dimethyl adipate	None	Penetrant	Tolerance exempt, 40 CFR 180.910	CDPR, EPA InertFinder, EPA SRS	7/10/2019	
68458-48-0	Alcohol, C10, ethoxylated, phosphate ester	Decyl alcohol, ethoxylated, phosphated	Alcohol ethoxylate phosphate ester	Anionic Surfactant	Tolerance exempt, 40 CFR 180.910 and .920, not to exceed 30% of pesticide formulation, data compensation.	EPA InertFinder, EPA SRS	3/5/2019	
127036-24-2	Alcohol, C11, branched, ethoxylated	Undecanol, branched and linear, ethoxylated	Branched alcohol ethoxylate	Nonionic Surfactant, Spreader, Wetting Agent	Tolerance exempt, 40 CFR 180.910, data compensation.	CDPR, EPA InertFinder, EPA SRS, EU ECHA	5/10/2019	
34398-01-1	Alcohol, C11, ethoxylated	Polyethylene glycol undecyl ether	Alcohol ethoxylate	Nonionic Surfactant, Spreader, Wetting Agent	Tolerance exempt, 40 CFR 180.910, data compensation.	CDPR, EPA InertFinder	5/10/2019	

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9002-92-0	Alcohol, C12, ethoxylated	Alpha-dodecyl-omega-hydroxypoly(oxyethylene)	Alcohol ethoxylate	Nonionic Surfactant, Spreader, Wetting Agent	Tolerance exempt, 40 CFR 180.910, data compensation.	CDPR, EPA InertFinder	5/10/2019	
68154-97-2	Alcohols, C10-12, ethoxylated propoxylated	Ethoxylated propoxylated C10-12 alcohols	Alcohol alkoxyate	Nonionic Surfactant, Spreader, Wetting Agent	Tolerance exempt, 40 CFR 180.910 and .960, data compensation.	CDPR, EPA InertFinder	5/10/2019	
66455-15-0	Alcohols, C10-14, ethoxylated	Alpha-Alkyl (C10-C14)-omega-hydroxypoly(oxyethylene)	Alcohol ethoxylate	Nonionic Surfactant, Spreader, Wetting Agent	Tolerance exempt, 40 CFR 180.910	CDPR, EPA InertFinder	5/10/2019	
68002-97-1	Alcohols, C10-16, ethoxylated	Alpha-Alkyl (C10-C16)-omega-hydroxypoly(oxyethylene)	Alcohol ethoxylate	Nonionic Surfactant, Spreader, Wetting Agent	Tolerance exempt, 40 CFR 180.910	CDPR, EPA InertFinder	5/10/2019	
78330-21-9	Alcohols, C11-14-iso-, C13-rich, ethoxylated	Ethoxylated branched C11-14, C13-rich alcohols	Branched alcohol ethoxylate	Nonionic Surfactant, Spreader, Wetting Agent	Tolerance exempt, 40 CFR 180.910, data compensation.	CDPR, EPA InertFinder, EPA SRS	5/10/2019	
78330-24-2	Alcohols, C11-14-iso-, C13-rich, ethoxylated, phosphate ester	Ethoxylated branched C11-14, C13-rich alcohols, phosphates	Branched alcohol ethoxylate phosphate ester	Anionic Surfactant	Tolerance exempt, 40 CFR 180.910 and .920, 30% by weight in pesticide formulation, data compensation.	CDPR, EPA InertFinder, EPA SRS, EU ECHA	3/12/2019	
68131-40-8	Alcohols, C11-15-secondary, ethoxylated	Alpha-Alkyl (secondary C11-15)-omega-hydroxypoly(oxyethylene)	Secondary alcohol ethoxylate	Nonionic Surfactant, Spreader, Wetting Agent	Tolerance exempt, 40 CFR 180.910, data compensation.	EPA InertFinder	5/10/2019	
66455-14-9	Alcohols, C12-13, ethoxylated	Alpha-Alkyl (C12-C13)-omega-hydroxypoly(oxyethylene)	Alcohol ethoxylate	Nonionic Surfactant, Spreader, Wetting Agent	Tolerance exempt, 40 CFR 180.910	EPA InertFinder	5/10/2019	
68439-50-9	Alcohols, C12-14, ethoxylated	Alpha-Alkyl (C12-C14)-omega-hydroxypoly(oxyethylene)	Alcohol ethoxylate	Nonionic Surfactant, Spreader, Wetting Agent	Tolerance exempt, 40 CFR 180.910 and .960	CDPR, EPA InertFinder	5/10/2019	
84133-50-6	Alcohols, C12-14-secondary, ethoxylated	Alpha-Alkyl (secondary C12-C14)-omega-hydroxypoly(oxyethylene)	Secondary alcohol ethoxylate	Nonionic Surfactant, Spreader, Wetting Agent	Tolerance exempt, 40 CFR 180.910, data compensation.	EPA InertFinder	5/10/2019	
68131-39-5	Alcohols, C12-15, ethoxylated	Alpha-Alkyl (C12-C15)-omega-hydroxypoly(oxyethylene)	Alcohol ethoxylate	Nonionic Surfactant, Spreader, Wetting Agent	Tolerance exempt, 40 CFR 180.910 and .960	CDPR, EPA InertFinder	5/10/2019	
68551-13-3	Alcohols, C12-15, ethoxylated propoxylated	Ethoxylated propoxylated C12-15 alcohols	Alcohol alkoxyate	Nonionic Surfactant, Spreader, Wetting Agent	Tolerance exempt, 40 CFR 180.910 and .960, data compensation.	EPA InertFinder	5/10/2019	
68551-12-2	Alcohols, C12-16, ethoxylated	Alpha-Alkyl (C12-C16)-omega-hydroxypoly(oxyethylene)	Alcohol ethoxylate	Nonionic Surfactant, Spreader, Wetting Agent	Tolerance exempt, 40 CFR 180.910 and .960	CDPR, EPA InertFinder	5/10/2019	
68439-49-6	Alcohols, C16-18, ethoxylated	Alpha-Alkyl (C16-C18)-omega-hydroxypoly(oxyethylene)	Alcohol ethoxylate	Nonionic Surfactant, Spreader, Wetting Agent	Tolerance exempt, 40 CFR 180.910 and .960, data compensation.	CDPR, EPA InertFinder, EPA SRS	7/30/2019	
68130-47-2	Alcohols, C8-10, ethoxylated, phosphate ester	Poly(oxy-1,2-ethanediyl), alpha-hydro-omega-hydroxy-, mono-C8-10-alkyl ethers, phosphates	Alcohol ethoxylate phosphate ester	Anionic Surfactant	Tolerance exempt, 40 CFR 180.910 and .920, not to exceed 30% of pesticide formulation, data compensation.	CDPR, EPA InertFinder, EPA SRS, EU ECHA	3/5/2019	
71243-46-4	Alcohols, C8-16, ethoxylated	Alpha-Alkyl (C8-C16)-omega-hydroxypoly(oxyethylene)	Alcohol ethoxylate	Nonionic Surfactant, Spreader, Wetting Agent	Tolerance exempt, 40 CFR 180.910 and .960	EPA InertFinder, EPA SRS	5/10/2019	
69013-18-9	Alcohols, C8-18, ethoxylated propoxylated	Ethoxylated propoxylated C8-18 alcohols	Alcohol alkoxyate	Nonionic Surfactant, Spreader, Wetting Agent	Tolerance exempt, 40 CFR 180.910 and .960, data compensation.	CDPR, EPA InertFinder, EPA SRS	5/10/2019	

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68439-46-3	Alcohols, C9-11, ethoxylated	Alpha-Alkyl (C9-C11)-omega-hydroxypoly(oxyethylene)	Alcohol ethoxylate	Nonionic Surfactant, Spreader, Wetting Agent	Tolerance exempt, 40 CFR 180.910 and .960	CDPR, EPA InertFinder	5/10/2019	
78330-20-8	Alcohols, C9-11-iso-, C10-rich, ethoxylated	Ethoxylated branched C9-11, C10-rich alcohols	Branched alcohol ethoxylate	Nonionic Surfactant, Spreader, Wetting Agent	Tolerance exempt, 40 CFR 180.910, data compensation.	EPA InertFinder, EPA SRS	5/10/2019	
68526-94-6	Alpha-alkyl (C12-C20)-omega-hydroxypoly(oxyethylene)	Alcohols, C12-20, ethoxylated	None	Surfactant, wetting agent, Nonionic surfactant	Tolerance exempt, 40 CFR 180.910, 180.920, data compensation	CDPR, EPA InertFinder	2/11/2020	N
80-56-8	Alpha-Pinene	Bicyclo[3.1.1]hept-2-ene, 2,6,6-trimethyl-	None	Nonionic Surfactant, Spreader, Wetting Agent	Tolerance exempt, 40 CFR 180.920, not more than 2% of formulation by weight.	CDPR, EPA InertFinder, EPA SRS	5/10/2019	
70750-57-1	Alpha-Pinene polymer	Terpenes and Terpenoids, turpentine-oil, alpha-pinene fraction, polymerised	None	Sticker	Tolerance exempt, 40 CFR 180.910	EPA InertFinder, EPA SRS	3/14/2019	
7446-70-0	Aluminum chloride	None	n/a - Chemical class not allowed for non-food and non-feed ingredients, per WSDA policy.	Suspension Stabilizer	No tolerance exemption as an inert ingredient, not allowed for use on food or feed crops.	CDPR, EPA InertFinder, EPA SRS	7/2/2019	
300-92-5	Aluminum hydroxide distearate	Hydroxyaluminum distearate	n/a - Chemical class not allowed for non-food and non-feed ingredients, per WSDA policy.	Thickener	No tolerance exemption as an inert ingredient, not allowed for use on food or feed crops.	EPA InertFinder, EPA SRS, PubChem	7/2/2019	
637-12-7	Aluminum stearate	Octadecanoic acid, aluminum salt	None	Antifoaming Agent, Thickener	Tolerance exempt, 40 CFR 180.910	CDPR, EPA InertFinder, EPA SRS, PubChem	7/2/2019	
68439-70-3	Amines, C12-16-alkyldimethyl	N,N-dimethylhexadecan-1-amine	None	Emulsifier	NON-FOOD USES ONLY. No tolerance exemption as an inert ingredient, not allowed for use on food or feed crops.	EPA InertFinder, ECHA	6/11/2020	N
631-61-8	Ammonium acetate	Acetic acid, ammonium salt	None	Buffer, Water Conditioning Agent	Tolerance exempt, 40 CFR 180.920, Limited to 15%.	CDPR, EPA InertFinder, EPA SRS	7/9/2019	
26100-47-0	Ammonium acrylate acrylamide polymer	2-Propenoic acid, ammonium salt, polymer with 2-propenamide	Acrylic polymer	Deposition Aid, Drift Control Agent	Tolerance exempt, 40 CFR 180.960	EPA InertFinder, EPA SRS	7/8/2019	
7632-50-0	Ammonium citrate	Citric acid, ammonium salt	None	Water Conditioning Agent	No tolerance exemption for Ammonium citrate, but there are tolerance exemptions for ammonium hydroxide and citric acid. WSDA may allow ingredient on food or feed crops, but we recommend that registrants petition EPA to establish an exemption from tolerance.	CDPR, EPA SRS	6/25/2019	
1336-21-6	Ammonium hydroxide	n/a - Synonym not allowed for bases, per WSDA policy.	n/a - Chemical class not allowed for bases, per WSDA policy.	Alkalinity Agent, Water Conditioning Agent	Tolerance exempt, 40 CFR 180.910	CDPR, EPA InertFinder, EPA SRS	6/20/2019	
32612-48-9	Ammonium lauryl ether sulfate	Ammonium laureth sulfate	None	Anionic Surfactant	Tolerance exempt, 40 CFR 180.910, not to exceed 30% of pesticide formulation, data compensation.	CDPR, EPA InertFinder, EPA SRS, PubChem	6/24/2019	
6484-52-2	Ammonium nitrate	Nitric acid, ammonium salt	None	Activator, Water Conditioning Agent	Tolerance exempt, 40 CFR 180.920	CDPR, EPA InertFinder, EPA SRS	6/25/2019	

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17496-08-1	Ammonium propanoate	Propanoic acid, ammonium salt	None	Water Conditioning Agent	No tolerance exemption for Ammonium propanoate, but there are tolerance exemptions for ammonium hydroxide and propanoic acid. WSDA may allow ingredient on food or feed crops, but we recommend that registrants petition EPA to establish an exemption from tolerance.	EPA SRS, PubChem	6/7/2019	
7783-20-2	Ammonium sulfate	n/a - Synonym not allowed for Ammonium sulfate, per WSDA policy.	n/a - Chemical class not allowed for Ammonium sulfate, per WSDA policy.	Water Conditioning Agent	Tolerance exempt, 40 CFR 180.910	EPA InertFinder	6/29/2018	
112926-00-8	Amorphous silica gel	Silica gel, precipitated, crystalline-free	None	Antifoaming Agent	Tolerance exempt, 40 CFR 180.950e	CDPR, EPA InertFinder, EPA SRS	6/17/2019	
1302-78-9	Bentonite	None	None	Sticker	Tolerance exempt, 40 CFR 180.910	CDPR, EPA InertFinder	5/16/2019	
68584-22-5	Benzenesulfonic acid, C10-16-alkyl derivatives	n/a - Synonym not allowed for acids, per WSDA policy.	n/a - Chemical class not allowed for acids, per WSDA policy.	Acidifier	Tolerance exempt, 40 CFR 180.910	CDPR, EPA InertFinder, EPA SRS, EU ECHA, PubChem	7/9/2019	
65-85-0	Benzoic acid	n/a - Synonym not allowed for acids, per WSDA policy.	n/a - Chemical class not allowed for acids, per WSDA policy.	Acidifier	Tolerance exempt, 40 CFR 180.910	CDPR, EPA InertFinder	1/9/2019	
34690-00-1	Bis(hexamethylenetriamine) penta methylene phosphonic acid	n/a - Synonym not allowed for acids, per WSDA policy.	n/a - Chemical class not allowed for acids or non-food and non-feed ingredients, per WSDA policy.	Acidifier	No tolerance exemption as an inert ingredient, not allowed for use on food or feed crops.	EPA InertFinder, EPA SRS, EU ECHA	6/4/2019	
10043-35-3	Boric acid	n/a - Synonym not allowed for acids, per WSDA policy.	n/a - Chemical class not allowed for acids, per WSDA policy.	Buffer	Tolerance exempt, 40 CFR 180.920	CDPR, EPA InertFinder	1/17/2019	
9003-55-8	Butadiene-styrene copolymer	Benzene, ethenyl-, polymer with 1,3-butadiene	Synthetic latex	Sticker, Rainfastness Agent	Tolerance exempt, 40 CFR 180.960	CDPR, EPA InertFinder	7/2/2019	
71-36-3	Butyl alcohol	1-Butanol	None	Solvent	Tolerance exempt, 40 CFR 180.910	CDPR, EPA InertFinder	8/28/2018	
138-22-7	Butyl lactate	Lactic acid, n-butyl ester	None	Solvent	Tolerance exempt, 40 CFR 180.950e	CDPR, EPA InertFinder, EPA SRS	7/30/2019	
471-34-1	Calcium carbonate	Carbonic acid, calcium salt	None	Buffer, Water Conditioning Agent	Tolerance exempt, 40 CFR 180.910	CDPR, EPA InertFinder, EPA SRS	7/30/2019	
10043-52-4	Calcium chloride	None	None	Buffer	Tolerance exempt, 40 CFR 180.910	CDPR, EPA InertFinder, EPA SRS	7/1/2019	
26264-06-2	Calcium dodecylbenzene sulfonate	Dodecylbenzenesulfonic acid, calcium salt	Alkyl (C8-C24) benzene sulfonate	Anionic Surfactant	Tolerance exempt, 40 CFR 180.910	CDPR, EPA InertFinder	7/9/2019	
8061-52-7	Calcium lignosulfate	Lignosulfonic acid, calcium salt	None	Sticker	Tolerance exempt, 40 CFR 180.910	CDPR, EPA InertFinder, EPA SRS	7/30/2019	
10124-37-5	Calcium nitrate	None	None	Buffer	No tolerance exemption for Calcium nitrate, but the ingredient contains one or more recognized plant nutrients. WSDA may allow ingredient on food or feed crops, but we recommend that registrants petition EPA to establish an exemption from tolerance.	EPA InertFinder, EPA SRS	7/1/2019	

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120962-03-0	Canola oil	None	Seed oil	Vegetable Oil, Canopy Penetrating Agent, Deposition Aid, Evaporation Reduction Agent	Tolerance exempt, 40 CFR 180.950c	CDPR, EPA InertFinder	5/10/2019	
9001-71-9	Casein	None	n/a - Chemical class not allowed for allergens, per WSDA policy.	Sticker	Tolerance exempt, 40 CFR 180.1071 (food commodity allergen - use pattern is limited).	CDPR, EPA InertFinder	6/4/2019	
220037-02-5	Castor oil, ethoxylated, oleate	None	None	Drift Control Agent, Canopy Penetrating Agent	Tolerance exempt, 40 CFR 180.960	CDPR, EPA InertFinder, EPA SRS, EU ECHA, PubChem	7/11/2019	
9001-05-2	Catalase	None	n/a - Chemical class not allowed for non-food and non-feed ingredients, per WSDA policy.	Activator	No tolerance exemption as an inert ingredient, not allowed for use on food or feed crops.	CDPR, EPA SRS, EU ECHA	7/11/2019	
54848-04-3	Cellulose carboxymethyl ether, potassium salt	None	None	Thickener	Tolerance exempt, 40 CFR 180.960	EPA InertFinder, EPA SRS	7/11/2019	
7128-91-8	Cetamine oxide	1-Hexadecanamine, N,N-dimethyl-, N-oxide	Alkyl (C10-C18) dimethyl amine oxide	Activator, Surfactant	Tolerance exempt, 40 CFR 180.910, 15% by weight in pesticide formulation.	CDPR, EPA InertFinder, EPA SRS, PubChem	7/11/2019	
9012-76-4	Chitosan	Poly-D-glucosamine	n/a - Chemical class not allowed for non-food and non-feed ingredients, per WSDA policy.	Sticker	No tolerance exemption as an inert ingredient, not allowed for use on food or feed crops. (Tolerance exempt as an active ingredient, 40 CFR 180.1072.)	CDPR, EPA InertFinder	6/4/2019	
67-48-1	Choline chloride	Ethanaminium, 2-hydroxy-N,N,N-trimethyl-, chloride	None	Drift Reduction Agent, Deposition Aid, Solvent	Tolerance exempt, 40 CFR 180.920	CDPR, EPA InertFinder, EPA SRS	6/25/2019	
77-92-9	Citric acid	n/a - Synonym not allowed for acids, per WSDA policy.	n/a - Chemical class not allowed for acids, per WSDA policy.	Acidifier, Buffer, Water Conditioning Agent	Tolerance exempt, 40 CFR 180.950e	EPA InertFinder	4/9/2019	
94266-47-4	Citrus extract	Citrus terpene	n/a - Chemical class not allowed for non-food and non-feed ingredients, per WSDA policy.	Nonionic Surfactant, Spreader, Wetting Agent	No tolerance exemption as an inert ingredient, not allowed for use on food or feed crops.	EPA InertFinder, EPA SRS	5/10/2019	
12173-10-3	Clinoptilolite	None	Zeolite	Extender, Sticker	Tolerance exempt, 40 CFR 180.910	PubChem, EU ECHA	6/21/2019	
61788-93-0	Coco alkyl dimethyl amines	Dimethyl alkyl tertiary amines	None	Cationic Surfactant, Emulsifier	Tolerance exempt, 40 CFR 180.920, Not to exceed 0.5% in pesticide formulations.	CDPR, EPA InertFinder	7/9/2019	
61788-90-7	Coco alkyldimethylamine oxides	Amines, coco alkyldimethyl, N-oxides	Alkyl (C10-C18) dimethyl amine oxide	Activator, Surfactant	Tolerance exempt, 40 CFR 180.910, 15% by weight in pesticide formulation.	CDPR, EPA InertFinder, EPA SRS, EU ECHA	7/10/2019	
61789-30-8	Coco fatty acids potassium salts	Fatty acids, coco, potassium salts	Potassium salts of fatty acids	Anionic Surfactant, Emulsifier	Tolerance exempt, 40 CFR 180.950e	CDPR, EPA InertFinder, EPA SRS	7/9/2019	
61789-31-9	Coco fatty acids sodium salts	Fatty acids, coco, sodium salts	Sodium salts of fatty acids	Anionic Surfactant, Emulsifier	Tolerance exempt, 40 CFR 180.910	CDPR, EPA InertFinder, EPA SRS	7/9/2019	
68603-42-9	Coconut diethanolamide	Amides, coco, N,N-bis(2-hydroxyethyl)	n/a - Chemical class not allowed for non-food and non-feed ingredients, per WSDA policy.	Cationic Surfactant, Foaming Agent	No tolerance exemption as an inert ingredient, not allowed for use on food or feed crops.	CDPR, EPA InertFinder, EPA SRS	6/20/2019	
67746-02-5	Coconut fatty acids, glycerol, phthalic anhydride resin	Fatty acids, coco, polymers with glycerol and phthalic anhydride	Polyglyceryl phthalate ester of coconut oil fatty acids	Sticker, Surfactant	Tolerance exempt, 40 CFR 180.910, data compensation.	EPA InertFinder, EPA SRS, PubChem	7/19/2019	

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61788-47-4	Coconut oil fatty acids	Fatty acids, coco	Seed oil	Vegetable Oil, Canopy Penetrating Agent, Deposition Aid, Evaporation Reduction Agent	Tolerance exempt, 40 CFR 180.910	CDPR, EPA InertFinder, EPA SRS	5/30/2019	
66070-87-9	Coconut oil glycerol phthalic anhydride polymer	Coconut oil, polymer with glycerol and phthalic anhydride	Polyglyceryl phthalate ester of coconut oil fatty acids	Sticker, Surfactant	Tolerance exempt, 40 CFR 180.910, data compensation.	EPA InertFinder, EPA SRS, PubChem	7/19/2019	
31393-98-3	Copolymer of alpha- and beta-pinene	Pinene (diterpene) polymer	None	Sticker	Tolerance exempt, 40 CFR 180.910	CDPR, EPA InertFinder	3/14/2019	
66071-96-3	Corn gluten meal	Glutens, corn	None	Attractant	Tolerance exempt, 40 CFR 180.950a and .950b	CDPR, EPA InertFinder, EPA SRS	5/29/2019	
66071-94-1	Corn, steep liquor	None	None	Attractant	Tolerance exempt, 40 CFR 180.950b	CDPR, EPA SRS, PubChem	5/30/2019	
12751-36-9	Cottonseed flour	Cottonseed meal	None	Attractant	Tolerance exempt, 40 CFR 180.950b	CDPR, EPA InertFinder, EPA SRS	5/30/2019	
108-80-5	Cyanuric acid	n/a - Synonym not allowed for acids, per WSDA policy.	n/a - Chemical class not allowed for acids or non-food and non-feed ingredients, per WSDA policy.	Acidifier, Activator, Stabilizer (Term not defined by ASTM)	No tolerance exemption as an inert ingredient, not allowed for use on food or feed crops.	CDPR, EPA InertFinder, EPA SRS	8/20/2019	
26402-22-2	Decanoic acid, monoester with 1,2,3-propanetriol	Glycerol monocaprate	Mono- and diglycerides of C8-C18 fatty acids	Nonionic Surfactant, Spreader, Wetting Agent	Tolerance exempt, 40 CFR 180.910	EPA InertFinder, EPA SRS	7/22/2019	
57-48-7	D-Fructose	Fructose	Saccharide	Attractant, Nonionic Surfactant, Spreader, Wetting Agent	Tolerance exempt, 40 CFR 180.950a	CDPR, EPA InertFinder, EPA SRS	6/24/2019	
1079993-97-7	D-Glucopyranose, oligomeric, 6-(dihydrogen citrates), C8-20 branched and linear alkyl glycosides, sodium salts	Alkyl (C8-20) polyglucoside ester citrate	Alkyl (C8-20) polyglucoside ester	Anionic Surfactant	Tolerance exempt, 40 CFR 180.910	CDPR, EPA InertFinder, EPA SRS	7/1/2019	
1079993-92-2	D-Glucopyranose, oligomeric, 6-(hydrogen sulfosuccinates), C8-20 branched and linear alkyl glycosides, sodium salts	Alkyl (C8-20) polyglucoside ester sulfosuccinate	Alkyl (C8-20) polyglucoside ester	Anionic Surfactant	Tolerance exempt, 40 CFR 180.910	EPA InertFinder, EPA SRS	7/1/2019	
110615-47-9	D-Glucopyranose, oligomeric, C10-16-alkyl glycosides	Alkyl (C10-16) polyglucoside	Alkyl polyglucoside	Nonionic Surfactant, Spreader, Wetting Agent	Tolerance exempt, 40 CFR 180.910	CDPR, EPA InertFinder, EU ECHA	7/10/2019	
132778-08-6	D-Glucopyranose, oligomeric, C9-11-alkyl glycosides	Alkyl (C9-11) polyglucoside	Alkyl polyglucoside	Nonionic Surfactant, Spreader, Wetting Agent	Tolerance exempt, 40 CFR 180.910	CDPR, EPA InertFinder, EU ECHA	7/10/2019	
68515-73-1	D-Glucopyranose, oligomeric, decyl octyl glycosides	Alkyl (C8,C10) polyglucoside	Alkyl polyglucoside	Nonionic Surfactant, Spreader, Wetting Agent	Tolerance exempt, 40 CFR 180.910	CDPR, EPA InertFinder, EU ECHA	7/10/2019	
50-99-7	D-Glucose	Dextrose	Saccharide	Attractant, Nonionic Surfactant, Spreader, Wetting Agent	Tolerance exempt, 40 CFR 180.950a	CDPR, EPA InertFinder, EPA SRS	6/24/2019	
7173-51-5	Didecyl dimethyl ammonium chloride	1-Decanaminium, N-decyl-N,N-dimethyl-, chloride	None	Deposition Aid	Tolerance exempt, 40 CFR 180.920	CDPR, EPA SRS, EU ECHA	1/16/2019	
111-42-2	Diethanolamine	n/a - Synonym not allowed for bases, per WSDA policy.	n/a - Chemical class not allowed for bases, per WSDA policy.	Alkalinity Agent, Buffer	Tolerance exempt, 40 CFR 180.920, formulations used before crop emerges from soil.	CDPR, EPA InertFinder	4/22/2019	

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CAS Number	Chemical name	Synonym	Chemical class	Type(s) / Function(s)	Use Limits	Source(s)	Date	Status
111-46-6	Diethylene glycol	2,2'-Oxybisethanol	n/a - Chemical class not allowed for Diethylene glycol, per WSDA policy.	Evaporation Reduction Agent, Humectant	Tolerance exempt, 40 CFR 180.920	CDPR, EPA InertFinder, EPA SRS	5/10/2019	
9006-65-9	Dimethicone	Dimethyl silicone oil	Dimethylsiloxane polymer	Antifoaming Agent	Tolerance exempt, 40 CFR 180.910	EPA SRS, PubChem	5/29/2019	
67762-90-7	Dimethyl siloxane polymer with silica	Dimethyl silicone polymer with silica	Dimethylsiloxane polymer	Antifoaming Agent	Tolerance exempt, 40 CFR 180.960	CDPR, EPA InertFinder	2/21/2019	
63148-62-9	Dimethylpolysiloxane	Polydimethylsiloxane	Dimethylsiloxane polymer	Antifoaming Agent	Tolerance exempt, 40 CFR 180.960	CDPR, EPA InertFinder	2/21/2019	
577-11-7	Dioctyl sodium sulfosuccinate	Sodium dioctylsulfosuccinate	Sodium sulfosuccinate ester	Anionic Surfactant	Tolerance exempt, 40 CFR 180.910	CDPR, EPA InertFinder	2/13/2019	
7758-11-4	Dipotassium phosphate	Potassium phosphate, dibasic	None	Buffer, Water Conditioning Agent	Tolerance exempt, 40 CFR 180.920	CDPR, EPA InertFinder, EPA SRS	3/7/2019	
34590-94-8	Dipropylene glycol monomethyl ether	Dipropylene glycol methyl ether	Glycol ether	Solvent	Tolerance exempt, 40 CFR 180.920	CDPR, EPA InertFinder, EPA SRS	6/21/2019	
26838-05-1	Disodium lauryl sulfosuccinate	Butanedioic acid, sulfo-, C-dodecyl ester, disodium salt	n/a - Chemical class not allowed for non-food and non-feed ingredients, per WSDA policy.	Anionic Surfactant, Foaming Agent	No tolerance exemption as an inert ingredient, not allowed for use on food or feed crops.	CDPR, EPA SRS, PubChem	7/30/2019	
7558-79-4	Disodium phosphate	Sodium phosphate, dibasic	None	Buffer, Water Conditioning Agent	Tolerance exempt, 40 CFR 180.910	CDPR, EPA InertFinder, EPA SRS	6/25/2019	
5989-27-5	D-Limonene	Cyclohexene, 1-methyl-4-(1-methylethenyl)-, (4R)-	None	Nonionic Surfactant, Spreader, Wetting Agent	Tolerance exempt, 40 CFR 180.910	CDPR, EPA InertFinder, EPA SRS	5/10/2019	
683-10-3	Dodecyl dimethyl betaine	1-Dodecanaminium, N-(carboxymethyl)-N,N-dimethyl-, inner salt	Alkyl (C12-C16) dimethyl ammonio acetate	Amphoteric Surfactant	Tolerance exempt, 40 CFR 180.920, 20% by weight in pesticide formulation, data compensation.	CDPR, EPA InertFinder	11/5/2018	
27176-87-0	Dodecylbenzenesulfonic acid	n/a - Synonym not allowed for acids, per WSDA policy.	n/a - Chemical class not allowed for acids, per WSDA policy.	Acidifier	Tolerance exempt, 40 CFR 180.910	CDPR, EPA InertFinder, EPA SRS	6/20/2019	
9014-92-0	Dodecylphenol ethoxylate	Alpha-(para-Dodecylphenyl)-omega-hydroxypoly(oxyethylene)	Alkyl phenol ethoxylate	Nonionic Surfactant, Spreader, Wetting Agent	Tolerance exempt, 40 CFR 180.960	CDPR, EPA InertFinder, EU ECHA	5/10/2019	
8013-07-8	Epoxidized soybean oil	Soybean oil, epoxidized	Epoxidized seed oil	Deposition Aid, Drift Control Agent	Tolerance exempt, 40 CFR 180.910	CDPR, EPA InertFinder	5/10/2019	
61791-12-6	Ethoxylated castor oil	Castor oil, ethoxylated	Ethoxylated seed oil	Nonionic Surfactant, Spreader, Wetting Agent	Tolerance exempt, 40 CFR 180.960	CDPR, EPA InertFinder	5/10/2019	
61791-23-9	Ethoxylated soybean oil	Soybean oil, ethoxylated	Ethoxylated seed oil	Nonionic Surfactant, Spreader, Wetting Agent	Tolerance exempt, 40 CFR 180.960	CDPR, EPA InertFinder	5/10/2019	
64-17-5	Ethyl alcohol	Ethanol	None	Solvent	Tolerance exempt, 40 CFR 180.910	CDPR, EPA InertFinder	4/15/2019	
111-62-6	Ethyl oleate	Oleic acid, ethyl ester	Ethylated seed oil	Modified Vegetable Oil	Tolerance exempt, 40 CFR 180.910	CDPR, EPA InertFinder	4/2/2019	
107-21-1	Ethylene glycol	1,2-Ethanediol	Polyhydric alcohol	Evaporation Reduction Agent, Humectant	Tolerance exempt, 40 CFR 180.910 and .920	CDPR, EPA InertFinder	7/8/2019	
60-00-4	Ethylenediaminetetraacetic acid	n/a - Synonym not allowed for acids, per WSDA policy.	n/a - Chemical class not allowed for acids, per WSDA policy.	Acidifier, Water Conditioning Agent	Tolerance exempt, 40 CFR 180.910, 3% of pesticide formulation.	CDPR, EPA InertFinder, EPA SRS	6/25/2019	

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64-02-8	Ethylenediaminetetraacetic acid, tetrasodium salt	EDTA, tetrasodium salt	None	Activator	Tolerance exempt, 40 CFR 180.910, 5% of pesticide formulation.	CDPR, EPA InertFinder, EPA SRS	6/25/2019	
90990-14-0	Fatty acids, C10-18 and C18-unsaturated	None	None	Vegetable Oil, Canopy Penetrating Agent, Deposition Aid, Evaporation Reduction Agent	Tolerance exempt, 40 CFR 180.910	CDPR, EU ECHA, PubChem	7/1/2019	
68937-84-8	Fatty acids, C12-18, methyl esters	None	Methylated seed oil	Modified Vegetable Oil, Canopy Penetrating Agent, Deposition Aid, Evaporation Reduction Agent, Penetrant	Tolerance exempt, 40 CFR 180.910	CDPR, EPA InertFinder	5/10/2019	
68955-98-6	Fatty acids, C16-18 and C18-unsaturated, branched and linear	None	None	Vegetable Oil, Canopy Penetrating Agent, Deposition Aid, Evaporation Reduction Agent	Tolerance exempt, 40 CFR 180.910	CDPR, EPA SRS, PubChem	7/1/2019	
518299-31-5	Fatty acids, C16-18 and C18-unsaturated, esters with polyethylene glycol mono-methyl ether	None	Ethoxylated fatty acid methyl ester	Nonionic Surfactant, Spreader, Wetting Agent	Tolerance exempt, 40 CFR 180.910, not to exceed 25% by weight in pesticide formulation, data compensation.	EPA InertFinder, EPA SRS	5/10/2019	
129828-16-6	Fatty acids, canola-oil, methyl esters	Methylated canola oil	Methylated seed oil	Modified Vegetable Oil, Canopy Penetrating Agent, Deposition Aid, Evaporation Reduction Agent, Penetrant	Tolerance exempt, 40 CFR 180.910	EPA SRS, PubChem	5/24/2019	
1472644-81-7	Fatty acids, coco, monoesters with sorbitan, ethoxylated propoxylated	None	polyoxyalkylated sorbitan fatty acid esters	Surfactant	Tolerance exempt, 40 CFR 180.960	EPA Inert Finder	7/6/2020	N
8016-13-5	Fish oil	Fats and glyceridic oils, fish	n/a - Chemical class not allowed for allergens, per WSDA policy.	Sticker, Surfactant	Tolerance exempt: 40 CFR 180.950c (only if applicant can verify that fish oil is free from allergens); otherwise use is limited to 40 CFR 180.1071 (food commodity allergen - use pattern is limited).	CDPR, EPA InertFinder, EPA SRS	6/4/2019	
1119-40-0	Glutaric acid, dimethyl ester	Dimethyl glutarate	None	Penetrant	Tolerance exempt, 40 CFR 180.910	CDPR, EPA InertFinder, EPA SRS	7/10/2019	
68424-61-3	Glycerides, C16-18 and C18-unsaturated, mono- and di-	None	Mono- and diglycerides of C8-C18 fatty acids	Nonionic Surfactant, Spreader, Wetting Agent	Tolerance exempt, 40 CFR 180.910	EPA InertFinder, EPA SRS	7/22/2019	
56-81-5	Glycerol	1,2,3-Propanetriol or Glycerine	Polyhydric alcohol	Evaporation Reduction Agent, Humectant	Tolerance exempt, 40 CFR 180.950e	CDPR, EPA InertFinder	5/14/2020	R
9000-30-0	Guar gum	None	Polysaccharide gum	Deposition Aid, Drift Control Agent, Sticker	Tolerance exempt, 40 CFR 180.950e	CDPR, EPA InertFinder	5/10/2019	
39421-75-5	Guar gum, 2-hydroxypropyl ether	2-Hydroxypropyl guar gum	Polysaccharide gum	Deposition Aid, Drift Control Agent, Sticker	Tolerance exempt, 40 CFR 180.920	CDPR, EPA InertFinder, EPA SRS	5/10/2019	
67674-57-4	Heptamethyltrisiloxane ethoxylated	Methylated silicones	None	Wetting agent, surfactant	Tolerance exempt, 40 CFR 180.910 and 40 CFR 180.930	CDPR, EPA InertFinder	7/6/2020	N

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67674-67-3	Heptamethyltrisiloxane ethoxylated (8 EO)	Alpha-(3-(1,3,3,3-Tetramethyl-1-((trimethylsilyl)oxy)disiloxanyl)propyl)-omega-hydroxypoly(oxyethylene)		Silicone Surfactant, Spreader, Wetting Agent	Tolerance exempt, 40 CFR 180.910	CDPR, EPA InertFinder	5/10/2019	
27306-78-1	Heptamethyltrisiloxane polyalkene oxide modified	Alpha-methyl-omega-(3-(1,3,3,3-Tetramethyl-1-((trimethylsilyl)oxy)disiloxanyl)propox y)-poly(oxy-1,2-ethanediyl)	Polyether modified heptamethyltrisiloxane	Silicone Surfactant, Spreader, Wetting Agent	Tolerance exempt, 40 CFR 180.910	CDPR, EPA InertFinder	5/10/2019	
134180-76-0	Heptamethyltrisiloxane-1,3-propanediol ether, ethoxylated propoxylated	Alpha-(3-(1,3,3,3-Tetramethyl-1-((trimethylsilyl)oxy)disiloxanyl)propyl)-omega-hydroxypoly(oxyethylene)poly(oxypropylene)	Polyether modified heptamethyltrisiloxane	Silicone Surfactant, Spreader, Wetting Agent	Tolerance exempt, 40 CFR 180.910	CDPR, EPA InertFinder	5/10/2019	
693-33-4	Hexadecyl dimethyl betaine	1-Hexadecanaminium, N-(carboxymethyl)-N,N-dimethyl-, inner salt	Alkyl (C12-C16) dimethyl ammonio acetate	Amphoteric Surfactant	Tolerance exempt, 40 CFR 180.920, 20% by weight in pesticide formulation, data compensation.	CDPR, EPA InertFinder	11/5/2018	
68909-20-6	Hexamethyl disilazane, reaction product with silica	Silamine, 1,1,1-trimethyl-N-(trimethylsilyl)-, hydrolysis products with silica	None	Antifoaming Agent	Tolerance exempt, 40 CFR 180.960	EPA InertFinder, EPA SRS	6/17/2019	
107-41-5	Hexylene glycol	2-methyl-2,4-pentanediol	None	Solvent, humectant	Tolerance exempt, 40 CFR 180.910, 180.920 (before crop emerges from soil)	CDPR, EPA InertFinder	11/7/2019	N
64742-54-7	Hydrotreated heavy paraffinic petroleum distillates	Distillates (petroleum), hydrotreated heavy paraffinic	Paraffinic oil	Crop Oil, Canopy Penetrating Agent, Deposition Aid, Evaporation Reduction Agent, Penetrant	Tolerance exempt, 40 CFR 180.910	CDPR, EPA InertFinder, EPA SRS	5/10/2019	
64742-47-8	Hydrotreated light distillates (petroleum),	Distillates (petroleum), hydrotreated light	None	Crop Oil, Canopy Penetrating Agent, Deposition Aid, Evaporation Reduction Agent, Penetrant	Tolerance exempt, 40 CFR 180.910	EPA InertFinder, EPA SRS	5/10/2019	
64742-55-8	Hydrotreated light paraffinic petroleum distillates	Distillates (petroleum), hydrotreated light paraffinic	Paraffinic oil	Crop Oil, Canopy Penetrating Agent, Deposition Aid, Evaporation Reduction Agent, Penetrant	Not listed in EPA Inertfinder, listed in RED for Aliphatic solvents. WSDA may allow ingredient on food or feed crops, but we recommend that registrants petition EPA to establish an exemption from tolerance.	CDPR, EPA SRS	5/10/2019	
64742-46-7	Hydrotreated middle distillates (petroleum)	Distillates (petroleum), hydrotreated middle	None	Crop Oil, Canopy Penetrating Agent, Deposition Aid, Evaporation Reduction Agent, Penetrant	Tolerance exempt, 40 CFR 180.910	EPA InertFinder, EPA SRS	5/10/2019	
78-83-1	Isobutyl alcohol	Isobutanol	None	Solvent	Tolerance exempt, 40 CFR 180.920	CDPR, EPA InertFinder	8/28/2018	
108818-88-8	Isodecanol, ethoxylated, phosphate ester	Alpha-Isodecyl-omega-hydroxypoly(oxyethylene) phosphate	Alcohol ethoxylate phosphate ester	Anionic Surfactant, Compatibility Agent	Tolerance exempt, 40 CFR 180.910 and .920, not to exceed 30% of pesticide formulation, data compensation.	CDPR, EPA InertFinder, EPA SRS	3/12/2019	
68071-17-0	Isodecyl alcohol, ethoxylated, phosphated, potassium salt	Poly(oxy-1,2-ethanediyl), alpha-isodecyl-omega-hydroxy-, phosphate, potassium salt	None	Anionic Surfactant	Tolerance exempt, 40 CFR 180.910 and .920, not to exceed 30% of pesticide formulation, data compensation.	CDPR, EPA InertFinder, EPA SRS	6/21/2019	
67-63-0	Isopropyl alcohol	2-Propanol	None	Solvent	Tolerance exempt, 40 CFR 180.950e	CDPR, EPA InertFinder	8/27/2018	

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26264-05-1	Isopropylamine dodecylbenzenesulfonate	Dodecylbenzenesulfonic acid, isopropylamine salt	Alkyl (C8-C24) benzene sulfonate	Anionic Surfactant, Foaming Agent	Tolerance exempt, 40 CFR 180.920, data compensation.	CDPR, EPA InertFinder, EPA SRS	6/20/2019	
73038-25-2	Isotridecyl alcohol, ethoxylated, phosphated	Poly(oxy-1,2-ethanediyl), alpha-isotridecyl-omega-hydroxy-, phosphate	Alcohol ethoxylate phosphate ester	Anionic Surfactant	Tolerance exempt, 40 CFR 180.910 and .920, not to exceed 30% of pesticide formulation, data compensation.	CDPR, EPA InertFinder, EPA SRS, EU ECHA	4/22/2019	
61789-91-1	Jojoba oil	Jojoba seed oil	Seed oil	Vegetable Oil, Canopy Penetrating Agent, Deposition Aid, Evaporation Reduction Agent	Tolerance exempt, 40 CFR 180.1160, applied at the rate of 1% or less of the final spray, does not contain specified contaminants.	CDPR, EPA InertFinder	5/10/2019	
37220-17-0	Konjac gum	Konjac glucomannan	Polysaccharide gum	Deposition Aid, Drift Control Agent, Sticker	Tolerance exempt, 40 CFR 180.920, not to exceed 1.0% by weight in pesticide formulation.	EPA InertFinder, PubChem	5/10/2019	
63-42-3	Lactose	D-Glucose, 4-O-beta-D-galactopyranosyl-	Saccharide	Attractant, Nonionic Surfactant, Spreader, Wetting Agent	Tolerance exempt, 40 CFR 180.950a	CDPR, EPA InertFinder, EPA SRS	6/24/2019	
112-53-8	Lauryl alcohol	Dodecyl alcohol	None	Solvent	Tolerance exempt, 40 CFR 180.910	CDPR, EPA InertFinder, EPA SRS	6/24/2019	
1643-20-5	Lauryl dimethylamine oxide	1-Dodecanamine, N,N-dimethyl-, N-oxide	Alkyl (C10-C18) dimethyl amine oxide	Activator, Surfactant	Tolerance exempt, 40 CFR 180.910, 15% by weight in pesticide formulation.	CDPR, EPA InertFinder, EPA SRS	7/10/2019	
68585-34-2	Lauryl ether sulfate sodium	Polyethylene glycol mono-C10-16-alkyl ether sulfate sodium salt	None	Surfactant	Tolerance exempt, 40 CFR 180.910, not to exceed 30% of pesticide formulation, data compensation.	CDPR, EPA InertFinder, SRS, PubChem	8/5/2020	N
8002-43-5	Lecithins	None	Phosphatidylcholine	Amphoteric Surfactant, Drift Control Agent	Tolerance exempt, 40 CFR 180.950e	CDPR, EPA InertFinder	1/9/2019	
8030-76-0	Lecithins	Lecithins, soya	Phosphatidylcholine	Amphoteric Surfactant, Drift Control Agent	Tolerance exempt, 40 CFR 180.950e	EPA InertFinder, EPA SRS, EU ECHA	1/9/2019	
138-86-3	Limonene	Cyclohexene, 1-methyl-4-(1-methylethenyl)-	n/a - Chemical class not allowed for non-food and non-feed ingredients, per WSDA policy.	Nonionic Surfactant, Spreader, Wetting Agent	No tolerance exemption as an inert ingredient, not allowed for use on food or feed crops.	CDPR, EPA InertFinder, EPA SRS	7/1/2019	
78-70-6	Linalool	1,6-Octadien-3-ol, 3,7-dimethyl-	n/a - Chemical class not allowed for non-food and non-feed ingredients, per WSDA policy.	Nonionic Surfactant, Spreader, Wetting Agent	No tolerance exemption, but may occur in certain formulations as an impurity from the manufacturing process. WSDA may allow ingredient on food or feed crops if the ingredient was not intentionally added to the formulation, but we recommend that registrants petition EPA to establish an exemption from tolerance.	CDPR, EPA InertFinder, EPA SRS	5/10/2019	
79-33-4	L-Lactic acid	n/a - Synonym not allowed for acids, per WSDA policy.	n/a - Chemical class not allowed for acids, per WSDA policy.	Acidifier, Activator	Tolerance exempt, 40 CFR 180.910	CDPR, EPA InertFinder, EPA SRS	6/17/2019	
64742-58-1	Lubricating oils (petroleum), hydrotreated spent	n/a - Synonym not allowed for Lubricating oils (petroleum), hydrotreated spent; per WSDA policy.	n/a - Chemical class not allowed for Lubricating oils (petroleum), hydrotreated spent; per WSDA policy.	Crop Oil, Canopy Penetrating Agent, Deposition Aid, Evaporation Reduction Agent, Penetrant	Alternate CAS number for 64742-48-9, according to EPA Inerts Branch. WSDA may allow ingredient on food or feed crops, but we recommend that registrants petition EPA to establish an exemption from tolerance.	EPA SRS	5/10/2019	

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9050-36-6	Maltodextrin	None	None	Drift Reduction Agent	Tolerance exempt, 40 CFR 180.950e	EPA InertFinder, EPA SRS	7/30/2019	
75-75-2	Methanesulfonic acid	n/a - Synonym not allowed for acids, per WSDA policy.	n/a - Chemical class not allowed for acids or non-food and non-feed ingredients, per WSDA policy.	Acidifier	No tolerance exemption as an inert ingredient, not allowed for use on food or feed crops.	EPA InertFinder, EPA SRS, PubChem	7/30/2019	
67762-40-7	Methyl esters (C10-16) of fatty acids	Fatty acids, C10-16, methyl esters	Methylated seed oil	Modified Vegetable Oil, Canopy Penetrating Agent, Deposition Aid, Evaporation Reduction Agent, Penetrant	Tolerance exempt, 40 CFR 180.910	EPA InertFinder, EPA SRS	5/10/2019	
67762-26-9	Methyl esters (C14-18 and C16-18-unsaturated) of fatty acids	Fatty acids, C14-18 and C16-18-unsaturated, methyl esters	Methylated seed oil	Modified Vegetable Oil, Canopy Penetrating Agent, Deposition Aid, Evaporation Reduction Agent, Penetrant	Tolerance exempt, 40 CFR 180.910	CDPR, EPA InertFinder, EPA SRS	5/10/2019	
67762-38-3	Methyl esters (C16-18 and C18-unsaturated) of fatty acids	Fatty acids, C16-18 and C18-unsaturated, methyl esters	Methylated seed oil	Modified Vegetable Oil, Canopy Penetrating Agent, Deposition Aid, Evaporation Reduction Agent, Penetrant	Tolerance exempt, 40 CFR 180.910	CDPR, EPA InertFinder, EPA SRS	5/10/2019	
68937-81-5	Methyl esters (C18 and C18-unsaturated) of fatty acids	Fatty acids, C18 and C18-unsaturated, methyl esters	Methylated seed oil	Modified Vegetable Oil, Canopy Penetrating Agent, Deposition Aid, Evaporation Reduction Agent, Penetrant	Tolerance exempt, 40 CFR 180.910	CDPR, EPA InertFinder, EPA SRS	5/10/2019	
111-82-0	Methyl laurate	Dodecanoic acid, methyl ester	Methylated seed oil	Modified Vegetable Oil, Canopy Penetrating Agent, Deposition Aid, Evaporation Reduction Agent, Penetrant	Tolerance exempt, 40 CFR 180.910	CDPR, EPA InertFinder	5/10/2019	
112-63-0	Methyl linoleate	Linoleic acid, methyl ester	Methylated seed oil	Modified Vegetable Oil, Canopy Penetrating Agent, Deposition Aid, Evaporation Reduction Agent, Penetrant	Tolerance exempt, 40 CFR 180.910	EPA InertFinder	5/10/2019	
301-00-8	Methyl linolenate	Linolenic acid, methyl ester	Methylated seed oil	Modified Vegetable Oil, Canopy Penetrating Agent, Deposition Aid, Evaporation Reduction Agent, Penetrant	Tolerance exempt, 40 CFR 180.910	EPA InertFinder, EPA SRS	5/10/2019	

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124-10-7	Methyl myristate	Tetradecanoic acid, methyl ester	Methylated seed oil	Modified Vegetable Oil, Canopy Penetrating Agent, Deposition Aid, Evaporation Reduction Agent, Penetrant	Tolerance exempt, 40 CFR 180.910	EPA InertFinder, EPA SRS	5/10/2019	
112-62-9	Methyl oleate	Oleic acid, methyl ester	Methylated seed oil	Modified Vegetable Oil, Canopy Penetrating Agent, Deposition Aid, Evaporation Reduction Agent, Penetrant	Tolerance exempt, 40 CFR 180.910 and .920	CDPR, EPA InertFinder	5/10/2019	
112-39-0	Methyl palmitate	Hexadecanoic acid, methyl ester	Methylated seed oil	Modified Vegetable Oil, Canopy Penetrating Agent, Deposition Aid, Evaporation Reduction Agent, Penetrant	Tolerance exempt, 40 CFR 180.910	EPA InertFinder, EPA SRS	5/10/2019	
67784-80-9	Methyl soyate	Methylated soybean oil	Methylated seed oil	Modified Vegetable Oil, Canopy Penetrating Agent, Deposition Aid, Evaporation Reduction Agent, Penetrant	Tolerance exempt, 40 CFR 180.910	CDPR, EPA InertFinder	5/10/2019	
68919-53-9	Methyl soyate	Methylated soybean oil	Methylated seed oil	Modified Vegetable Oil, Canopy Penetrating Agent, Deposition Aid, Evaporation Reduction Agent, Penetrant	Tolerance exempt, 40 CFR 180.910	CDPR, EPA InertFinder	5/10/2019	
112-61-8	Methyl stearate	Octadecanoic acid, methyl ester	Methylated seed oil	Modified Vegetable Oil, Canopy Penetrating Agent, Deposition Aid, Evaporation Reduction Agent, Penetrant	Tolerance exempt, 40 CFR 180.910	EPA InertFinder, EPA SRS	5/10/2019	
8012-95-1	Mineral oil	None	Mineral oil	Crop Oil, Canopy Penetrating Agent, Deposition Aid, Evaporation Reduction Agent, Penetrant	Tolerance exempt, 40 CFR 180.910	CDPR, EPA InertFinder	5/10/2019	
68476-78-8	Molasses	Cane syrup	Saccharide	Attractant, Nonionic Surfactant, Spreader, Wetting Agent	Tolerance exempt, 40 CFR 180.950a	CDPR, EPA InertFinder, EPA SRS, EU ECHA	5/29/2019	
141-43-5	Monoethanolamine	n/a - Synonym not allowed for bases, per WSDA policy.	n/a - Chemical class not allowed for bases, per WSDA policy.	Alkalinity Agent, Buffer	Tolerance exempt, 40 CFR 180.910, not to exceed 3.35% w/w in pesticide formulation.	CDPR, EPA InertFinder	4/22/2019	
12173-98-7	Mordenite	None	Zeolite	Extender, Sticker	Tolerance exempt, 40 CFR 180.910	EPA SRS, PubChem	6/21/2019	

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CAS Number	Chemical name	Synonym	Chemical class	Type(s) / Function(s)	Use Limits	Source(s)	Date	Status
123-35-3	Myrcene	1,6-Octadiene, 7-methyl-3-methylene-	n/a - Chemical class not allowed for non-food and non-feed ingredients, per WSDA policy.	Nonionic Surfactant, Spreader, Wetting Agent	No tolerance exemption, but may occur in certain formulations as an impurity from the manufacturing process. WSDA may allow ingredient on food or feed crops if the ingredient was not intentionally added to the formulation, but we recommend that registrants petition EPA to establish an exemption from tolerance.	CDPR, EPA InertFinder, EPA SRS	5/10/2019	
3332-27-2	Myristamine oxide	1-Tetradecanamine, N,N-dimethyl-, oxide	N-Alkyl (C10-C18) dimethyl amine oxide	Activator, Surfactant	Tolerance exempt, 40 CFR 180.910, 15% by weight in pesticide formulation.	CDPR, EPA InertFinder, EPA SRS	7/11/2019	
112-18-5	N,N-Dimethyl-1-dodecanamine	1-Dodecanamine, N,N-dimethyl-	n/a - Chemical class not allowed for non-food and non-feed ingredients, per WSDA policy.	Activator, Penetrant	No tolerance exemption as an inert ingredient, not allowed for use on food or feed crops.	EPA InertFinder, EPA SRS	7/9/2019	
112-75-4	N,N-Dimethyl-1-tetradecanamine	1-Tetradecanamine, N,N-dimethyl-	n/a - Chemical class not allowed for non-food and non-feed ingredients, per WSDA policy.	Activator	No tolerance exemption as an inert ingredient, not allowed for use on food or feed crops.	EPA SRS	7/1/2019	
14351-50-9	N,N-Dimethyl-n-decylamine oxide	N,N-Dimethyloleyamine oxide	None	Drift Reduction Agent	Tolerance exempt, 40 CFR 180.910, not to exceed 15% by weight in pesticide formulation.	EPA InertFinder, EPA SRS	6/27/2019	
9084-06-4	Naphthalenesulfonic acid, formaldehyde condensate, sodium salt	Naphthalenesulfonic acid, polymer with formaldehyde, sodium salt	None	Sticker	Tolerance exempt, 40 CFR 180.910 and .920, data compensation.	CDPR, EPA SRS	1/16/2019	
9016-45-9	Nonylphenol ethoxylate	Alpha-(para-Nonylphenyl)-omega-hydroxypoly(oxyethylene)	Alkyl phenol ethoxylate	Nonionic Surfactant, Spreader, Wetting Agent	Tolerance exempt, 40 CFR 180.910 and .920	CDPR, EPA InertFinder, EPA SRS	5/10/2019	
68412-53-3	Nonylphenol, branched, ethoxylated, phosphate ester	Polyethylene glycol branched nonylphenyl ether phosphate	Branched alkyl phenol ethoxylate phosphate ester	Anionic Surfactant	Tolerance exempt, 40 CFR 180.910, not to exceed 7% of pesticide formulation, data compensation.	CDPR, EPA InertFinder, EPA SRS, EU ECHA	8/20/2019	
51811-79-1	Nonylphenol, ethoxylated, phosphate ester	Alpha-(para-Nonylphenyl)-omega-hydroxypoly(oxyethylene), phosphate ester	Alkyl phenol ethoxylate phosphate ester	Anionic Surfactant, Compatibility Agent	Tolerance exempt, 40 CFR 180.910, not to exceed 7% of pesticide formulation, data compensation.	CDPR, EPA InertFinder, EPA SRS	11/5/2018	
1939051-18-9	Octadecanoic acid, 12-hydroxy-, homopolymer, ester with alpha,alpha',alpha''-1,2,3-propanetriyltris[omega-hydroxypoly(oxy-1,2-ethanediy)]	None	None	Deposition Aid, Drift Reduction Agent	Tolerance exempt, 40 CFR 180.960	CDPR, EPA InertFinder, EPA SRS	7/30/2019	
556-67-2	Octamethylcyclotetrasiloxane	Cyclotetrasiloxane, 2,2,4,4,6,6,8,8-octamethyl-	Dimethylsiloxane polymer	Antifoaming Agent	Tolerance exempt, 40 CFR 180.910	EPA InertFinder	2/21/2019	
26402-26-6	Octanoic acid, monoester with 1,2,3-propanetriol	Glyceryl monooctanoate	Mono- and diglycerides of C8-C18 fatty acids	Nonionic Surfactant, Spreader, Wetting Agent	Tolerance exempt, 40 CFR 180.910	EPA InertFinder, EPA SRS	7/22/2019	
9036-19-5	Octylphenol ethoxylate	Alpha-[para-(1,1,3,3-Tetramethylbutyl)phenyl]-omega-hydroxypoly(oxyethylene)	Alkyl phenol ethoxylate	Nonionic Surfactant, Spreader, Wetting Agent	Tolerance exempt, 40 CFR 180.910, not to exceed 7% of pesticide formulation, data compensation.	CDPR, EPA InertFinder, EU ECHA	5/10/2019	
112-80-1	Oleic acid	9-Octadecenoic acid, (Z)-	None	Vegetable Oil, Canopy Penetrating Agent, Deposition Aid, Evaporation Reduction Agent	Tolerance exempt, 40 CFR 180.910	CDPR, EPA InertFinder	7/1/2019	

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143-28-2	Oleyl alcohol	9-Octadecen-1-ol, (9Z)-	None	Solvent	Tolerance exempt, 40 CFR 180.910, 15%.	CDPR, EPA InertFinder, EPA SRS	6/24/2019	
8028-48-6	Orange oil	Sweet orange peel tincture	None	Nonionic Surfactant, Spreader, Wetting Agent	Tolerance exempt, 40 CFR 180.910, not to exceed 10% (weight/weight) in pesticide formulations	EPA InertFinder, EPA SRS, EU ECHA	5/10/2019	
144-62-7	Oxalic acid	n/a - Synonym not allowed for acids, per WSDA policy.	n/a - Chemical class not allowed for acids, per WSDA policy.	Acidifier	Tolerance exempt, 40 CFR 180.910	CDPR, EPA InertFinder	3/4/2019	
68441-17-8	Oxidized polyethylene	Ethene, homopolymer, oxidized	None	Sticker, Rainfastness Agent	Tolerance exempt, 40 CFR 180.960	CDPR, EPA InertFinder, EPA SRS	7/2/2019	
1472655-32-5	Oxirane, 2-methyl-, polymer with oxirane, ether with 1,4-anhydro-D-glucitol (4:1), monooctadecanoate	None	polyoxyalkylated sorbitan fatty acid esters	Surfactant	Tolerance exempt, 40 CFR 180.960	EPA Inert Finder	7/6/2020	N
166736-08-9	Oxirane, 2-methyl-, polymer with oxirane, mono(2-propylheptyl) ether	None	Alcohol alkoxylate	Nonionic Surfactant	Tolerance exempt, 40 CFR 180.910 and .960, data compensation.	EPA InertFinder, EPA SRS, PubChem	8/30/2019	
85637-75-8	Oxirane, methyl-, polymer with oxirane, mono[2-(2-butoxyethoxy)ethyl] ether	None	Alcohol alkoxylate	Nonionic Surfactant, Spreader, Wetting Agent	Tolerance exempt, 40 CFR 180.960	EPA InertFinder, EPA SRS, PubChem	8/30/2019	
8009-03-8	Petrolatum	Petroleum jelly	None	Deposition Aid, Drift Control Agent	Tolerance exempt, 40 CFR 180.910	CDPR, EPA InertFinder, EPA SRS	4/15/2019	
7664-38-2	Phosphoric acid	n/a - Synonym not allowed for acids, per WSDA policy.	n/a - Chemical class not allowed for acids, per WSDA policy.	Acidifier, Buffer, Water Conditioning Agent	Tolerance exempt, 40 CFR 180.910	CDPR, EPA InertFinder	4/9/2019	
13598-36-2	Phosphorous acid	n/a - Synonym not allowed for acids, per WSDA policy.	n/a - Chemical class not allowed for acids or non-food and non-feed ingredients, per WSDA policy.	Acidifier	No tolerance exemption as an inert ingredient, not allowed for use on food or feed crops. (Tolerance exempt as an active ingredient, 40 CFR 180.1210.)	EPA SRS	6/4/2019	
9003-28-5	Poly(1-butene)	1-Butene, homopolymer	n/a - Chemical class not allowed for non-food and non-feed ingredients, per WSDA policy.	Sticker	No tolerance exemption as an inert ingredient, not allowed for use on food or feed crops.	EPA SRS	6/7/2019	
34398-00-0	Poly(oxy-1,2-ethanediyl), alpha-(1-oxododecyl)-omega-methoxy-	None	Ethoxylated fatty acid methyl ester	Nonionic Surfactant, Spreader, Wetting Agent	Tolerance exempt, 40 CFR 180.910, not to exceed 25% by weight in pesticide formulation, data compensation.	EPA InertFinder, EPA SRS	5/10/2019	
9006-27-3	Poly(oxy-1,2-ethanediyl), alpha-(1-oxododecyl)-omega-methoxy-	None	Ethoxylated fatty acid methyl ester	Nonionic Surfactant, Spreader, Wetting Agent	Tolerance exempt, 40 CFR 180.910, not to exceed 25% by weight in pesticide formulation, data compensation.	EPA InertFinder, EPA SRS	5/10/2019	
194289-64-0	Poly(oxy-1,2-ethanediyl), alpha-(1-oxooctyl)-omega-methoxy-	None	Ethoxylated fatty acid methyl ester	Nonionic Surfactant, Spreader, Wetting Agent	Tolerance exempt, 40 CFR 180.910, not to exceed 25% by weight in pesticide formulation, data compensation.	EPA InertFinder, EPA SRS	5/10/2019	
32761-35-6	Poly(oxy-1,2-ethanediyl), alpha-(1-oxotetradecyl)-omega-methoxy-	None	Ethoxylated fatty acid methyl ester	Nonionic Surfactant, Spreader, Wetting Agent	Tolerance exempt, 40 CFR 180.910, not to exceed 25% by weight in pesticide formulation, data compensation.	EPA InertFinder, EPA SRS	5/10/2019	

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9041-33-2	Poly(oxyethylene) poly(oxypropylene) glycol monoallyl ether	Oxirane, methyl-, polymer with oxirane, mono-2-propenyl ether	Alcohol alkoxylate	Nonionic Surfactant, Spreader, Wetting Agent	No tolerance exemption, but may occur in certain formulations (e.g., silicone surfactants) as an impurity from the manufacturing process. WSDA may allow ingredient on food or feed crops if the ingredient was not intentionally added to the formulation or if EPA determined that the formulation was allowed for use on food or feed crops, but we recommend that registrants petition EPA to establish an exemption from tolerance.	CDPR, EPA InertFinder	8/30/2019	
9003-05-8	Polyacrylamide	2-Propenamide, homopolymer	Acrylic polymer	Deposition Aid, Drift Control Agent	Tolerance exempt, 40 CFR 180.960	CDPR, EPA InertFinder, EPA SRS	7/8/2019	
9003-01-4	Polyacrylic acid	2-Propenoic acid, homopolymer	Acrylic polymer	Deposition Aid, Drift Control Agent	Tolerance exempt, 40 CFR 180.960	CDPR, EPA InertFinder, EPA SRS	7/8/2019	
9003-29-6	Polybutene	Butene, homopolymer	None	Sticker	Tolerance exempt, 40 CFR 180.960	CDPR, EPA InertFinder. EPA SRS	5/15/2019	
25322-68-3	Polyethylene glycol	Polyoxyethylene	None	Evaporation Reduction Agent, Humectant	Tolerance exempt, 40 CFR 180.910 and .960	CDPR, EPA InertFinder, EPA SRS, EU ECHA	6/25/2019	
9005-02-1	Polyethylene glycol dilaurate	Poly(oxy-1,2-ethanediyl), alpha-(1-oxododecyl)-omega-((1-	Ethoxylated fatty acid	Nonionic Surfactant, Spreader, Wetting Agent	Tolerance exempt, 40 CFR 180.910	CDPR, EPA InertFinder, EPA SRS, EU ECHA	6/27/2019	
9005-07-6	Polyethylene glycol dioleate	Polyoxyethylene dioleate	Ethoxylated fatty acid	Nonionic Surfactant, Spreader, Wetting Agent	Tolerance exempt, 40 CFR 180.910 and .960	CDPR, EPA InertFinder, EPA SRS	6/27/2019	
61791-01-3	Polyethylene glycol ditallate	Tall oil fatty acids diester with polyethylene glycol	Ethoxylated tall oil fatty acids	Nonionic Surfactant, Spreader, Wetting Agent	Tolerance exempt, 40 CFR 180.910	CDPR, EPA InertFinder, EPA SRS	7/8/2019	
27274-31-3	Polyethylene glycol monoallyl ether	Poly(oxy-1,2-ethanediyl), alpha-2-propen-1-yl-omega-hydroxy-	Alcohol ethoxylate	Nonionic Surfactant, Spreader, Wetting Agent	Tolerance exempt, 40 CFR 180.910	CDPR, EPA InertFinder, EPA SRS	8/30/2019	
9004-96-0	Polyethylene glycol oleate	Polyoxyethylene oleate	Ethoxylated fatty acid	Nonionic Surfactant, Spreader, Wetting Agent	Tolerance exempt, 40 CFR 180.910 and .960	CDPR, EPA InertFinder	7/8/2019	
9005-00-9	Polyethylene glycol stearyl ether	Poly(oxy-1,2-ethanediyl), alpha-octadecyl-omega-hydroxy-	Alcohol ethoxylate	Nonionic Surfactant, Spreader, Wetting Agent	Tolerance exempt, 40 CFR 180.910 and .960, data compensation.	CDPR, EPA InertFinder, EPA SRS	8/30/2019	
61791-00-2	Polyethylene glycol tallate	Polyethylene glycol ester of tall oil fatty acids	Ethoxylated tall oil fatty acids	Nonionic Surfactant, Spreader, Wetting Agent	Tolerance exempt, 40 CFR 180.910	CDPR, EPA InertFinder, EPA SRS	7/9/2019	
9007-48-1	Polyglyceryl oleate	Polyglycerol ester of oleic acid	Polyglycerol esters of fatty acids	Nonionic Surfactant, Spreader, Wetting Agent	Tolerance exempt, 40 CFR 180.910	CDPR, EPA InertFinder, EPA SRS	7/19/2019	
9038-95-3	Polyoxyethylene - polyoxypropylene monobutyl ether	Oxirane, methyl-, polymer with oxirane, monobutyl ether	Alcohol alkoxylate	Nonionic Surfactant, Spreader, Wetting Agent	Tolerance exempt, 40 CFR 180.960	CDPR, EPA InertFinder, EPA SRS	8/30/2019	

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60828-78-6	Polyoxyethylene 2,6,8-trimethyl-4-nonyl ether	Polyethylene glycol mono(3,5-dimethyl-1-isobutylhexyl) ether	Alcohol ethoxylate	Nonionic Surfactant, Spreader, Wetting Agent	Tolerance exempt, 40 CFR 180.910 and .960, data compensation.	CDPR, EPA InertFinder, EPA SRS	8/30/2019	
27252-80-8	Polyoxyethylene glycol allyl methyl ether	Poly(oxy-1,2-ethanediyl), alpha-methyl-omega-(2-propenyloxy)-	Alcohol ethoxylate	Nonionic Surfactant, Spreader, Wetting Agent	No tolerance exemption, but may occur in certain formulations (e.g., silicone surfactants) as an impurity from the manufacturing process. WSDA may allow ingredient on food or feed crops if the ingredient was not intentionally added to the formulation or if EPA determined that the formulation was allowed for use on food or feed crops, but we recommend that registrants petition EPA to establish an exemption from tolerance.	CDPR, EPA InertFinder, EPA SRS	8/30/2019	
9005-64-5	Polyoxyethylene sorbitan monolaurate	Sorbitan, monododecanoate, poly(oxy-1,2-ethanediyl) derivs.	Ethoxylated sorbitan fatty acid ester	Nonionic Surfactant, Spreader, Wetting Agent	Tolerance exempt, 40 CFR 180.910	CDPR, EPA InertFinder, EPA SRS	5/10/2019	
9005-65-6	Polyoxyethylene sorbitan monooleate	Sorbitan, mono-(9Z)-9-octadecenoate, poly(oxy-1,2-ethanediyl) derivs.	Ethoxylated sorbitan fatty acid ester	Nonionic Surfactant, Spreader, Wetting Agent	Tolerance exempt, 40 CFR 180.910 and .920	CDPR, EPA InertFinder, EPA SRS	5/10/2019	
9005-67-8	Polyoxyethylene sorbitan monostearate	Sorbitan, monooctadecanoate, poly(oxy-1,2-ethanediyl) derivs.	Ethoxylated sorbitan fatty acid ester	Nonionic Surfactant, Spreader, Wetting Agent	Tolerance exempt, 40 CFR 180.910 and .920	CDPR, EPA InertFinder, EPA SRS	5/10/2019	
9005-70-3	Polyoxyethylene sorbitan trioleate	Sorbitan, tri-(9Z)-9-octadecenoate, poly(oxy-1,2-ethanediyl) derivs.	Ethoxylated sorbitan fatty acid ester	Nonionic Surfactant, Spreader, Wetting Agent	Tolerance exempt, 40 CFR 180.910	CDPR, EPA InertFinder, EPA SRS	5/10/2019	
9005-71-4	Polyoxyethylene sorbitan tristearate	Sorbitan, trioctadecanoate, poly(oxy-1,2-ethanediyl) derivs.	Ethoxylated sorbitan fatty acid ester	Nonionic Surfactant, Spreader, Wetting Agent	Tolerance exempt, 40 CFR 180.910	CDPR, EPA InertFinder, EPA SRS	5/10/2019	
57171-56-9	Polyoxyethylene sorbitol hexaoleate	Sorbitol hexa(polyoxyethylene oleate) ether	Ethoxylated sorbitol fatty acid ester	Nonionic Surfactant, Spreader, Wetting Agent	Tolerance exempt, 40 CFR 180.960	CDPR, EPA InertFinder, EPA SRS	7/29/2019	
9004-99-3	Polyoxyethylene stearate	Polyethylene glycol stearate	Ethoxylated fatty acid	Nonionic Surfactant, Spreader, Wetting Agent	Tolerance exempt, 40 CFR 180.910	CDPR, EPA InertFinder, EPA SRS	7/19/2019	
9003-11-6	Polyoxyethylene-polyoxypropylene copolymer	Poloxalene	None	Nonionic Surfactant, Spreader, Wetting Agent	Tolerance exempt, 40 CFR 180.960	CDPR, EPA InertFinder, EPA SRS	5/10/2019	
25322-69-4	Polypropylene glycol	Alpha-hydro-omega-hydroxypoly(oxypropylene)	None	Antifoaming Agent	Tolerance exempt, 40 CFR 180.960	CDPR, EPA InertFinder	5/9/2019	
9003-20-7	Polyvinyl acetate	Acetic acid ethenyl ester, homopolymer	Vinyl acetate polymer	Deposition Aid, Drift Control Agent	Tolerance exempt, 40 CFR 180.960	CDPR, EPA InertFinder, EPA SRS	7/8/2019	
25213-24-5	Polyvinyl acetate-polyvinyl alcohol copolymer	Vinyl acetate vinyl alcohol polymer	None	Sticker	Tolerance exempt, 40 CFR 180.960	CDPR, EPA InertFinder, EPA SRS	4/15/2019	
298-14-6	Potassium bicarbonate	n/a - Synonym not allowed for bases, per WSDA policy.	n/a - Chemical class not allowed for bases, per WSDA policy.	Alkalinity Agent, Buffer	Tolerance exempt, 40 CFR 180.950e	CDPR, EPA InertFinder	6/17/2019	
584-08-7	Potassium carbonate	n/a - Synonym not allowed for bases, per WSDA policy.	n/a - Chemical class not allowed for bases, per WSDA policy.	Activator, Alkalinity Agent, Buffer	Tolerance exempt, 40 CFR 180.920	CDPR, EPA InertFinder	6/25/2019	

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1310-58-3	Potassium hydroxide	n/a - Synonym not allowed for bases, per WSDA policy.	n/a - Chemical class not allowed for bases, per WSDA policy.	Alkalinity Agent, Buffer, Water Conditioning Agent	Tolerance exempt, 40 CFR 180.910	CDPR, EPA InertFinder	6/20/2019	
10124-65-9	Potassium laurate	Dodecanoic acid, potassium salt	Potassium salts of fatty acids	Anionic Surfactant, Emulsifier	Tolerance exempt, 40 CFR 180.910	CDPR, EPA InertFinder	7/9/2019	
70693-62-8	Potassium peroxymonosulfate	Potassium monopersulfate	n/a - Chemical class not allowed for non-food and non-feed ingredients, per WSDA policy.	Activator, Oxidizer (Term not defined by ASTM)	No tolerance exemption as an inert ingredient, not allowed for use on food or feed crops.	CDPR, EPA SRS, EU ECHA, PubChem	7/30/2019	
67701-09-1	Potassium salts of fatty acids (C8-18 and C18 unsaturated)	Fatty acids, C8-18 and C18-unsaturated, potassium salts	Potassium salts of fatty acids	Anionic Surfactant, Emulsifier	Tolerance exempt, 40 CFR 180.910	EPA InertFinder, EPA SRS	7/9/2019	
79-09-4	Propanoic acid	n/a - Synonym not allowed for acids, per WSDA policy.	n/a - Chemical class not allowed for acids, per WSDA policy.	Acidifier	Tolerance exempt, 40 CFR 180.1023	EPA InertFinder	7/2/2018	
108-32-7	Propylene carbonate	1,3-Dioxolan-2-one, 4-methyl-	None	Activator	Tolerance exempt, 40 CFR 180.950e	CDPR, EPA InertFinder, EPA SRS	7/30/2019	
57-55-6	Propylene glycol	1,2-Propanediol	Polyhydric alcohol	Evaporation Reduction Agent, Humectant	Tolerance exempt, 40 CFR 180.910	CDPR, EPA InertFinder	7/8/2019	
85586-25-0	Rapeseed oil methyl ester	Rape oil, methyl ester	Methylated seed oil	Modified Vegetable Oil, Canopy Penetrating Agent, Deposition Aid, Evaporation Reduction Agent, Penetrant	Tolerance exempt, 40 CFR 180.910	CDPR, EPA InertFinder	5/10/2019	
61790-50-9	Rosin potassium salt	Potassium salt of wood rosin acids	n/a - Chemical class not allowed for non-food and non-feed ingredients, per WSDA policy.	Sticker	No tolerance exemption as an inert ingredient, not allowed for use on food or feed crops.	CDPR, EPA InertFinder, EPA SRS	7/1/2019	
106-79-6	Sebacic acid, dimethyl ester	Dimethyl sebacate	n/a - Chemical class not allowed for non-food and non-feed ingredients, per WSDA policy.	Penetrant	No tolerance exemption as an inert ingredient, not allowed for use on food or feed crops.	CDPR, EPA SRS, PubChem	7/10/2019	
78-92-2	Sec-Butyl alcohol	Sec-Butanol	n/a - Chemical class not allowed for non-food and non-feed ingredients, per WSDA policy.	Solvent	No tolerance exemption as an inert ingredient, not allowed for use on food or feed crops.	CDPR, EPA InertFinder	7/1/2019	
7631-86-9	Silica	Silica, amorphous	None	Antifoaming Agent	Tolerance exempt, 40 CFR 180.950e	CDPR, EPA InertFinder, EPA SRS	6/17/2019	
67762-87-2	Siloxanes and silicones, di-methyl, 3-hydroxypropyl methyl, ethers with polyethylene-polypropylene glycol mono-butyl ether	None	Dimethylsiloxane polymer	Antifoaming Agent	Tolerance exempt, 40 CFR 180.910	EPA InertFinder, EPA SRS	3/4/2019	
67762-85-0	Siloxanes and silicones, di-methyl, 3-hydroxypropyl methyl, ethers with polyethylene-polypropylene glycol mono-methyl ether	None	Dimethylsiloxane polymer	Antifoaming Agent	Tolerance exempt, 40 CFR 180.910	CDPR, EPA InertFinder, EPA SRS	3/5/2019	
68937-55-3	Siloxanes and silicones, di-methyl, 3-hydroxypropyl methyl, ethoxylated propoxylated	None	Dimethylsiloxane polymer	Antifoaming Agent	Tolerance exempt, 40 CFR 180.910	CDPR, EPA InertFinder, PubChem	2/21/2019	
159002-21-8	Siloxanes and silicones, di-methyl, polymers with silica-1,1,1-trimethyl-N-(trimethylsilyl)silamine hydrolysis products and silicic acid trimethylsilyl ester	None	Dimethylsiloxane polymer	Antifoaming Agent	Tolerance exempt, 40 CFR 180.910	CDPR, EPA InertFinder	3/4/2019	
8050-81-5	Simethicone	None	None	Antifoaming agent	Tolerance exempt, 40 CFR 180.910	EPA InertFinder	6/11/2020	N

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1393-03-9	Soapbark (Quillaja saponin)	Quillaja saponaria extract	None	Nonionic Surfactant, Spreader, Wetting Agent	Tolerance exempt, 40 CFR 180.950e	CDPR, EPA InertFinder, EPA SRS	5/16/2019	
126-92-1	Sodium 2-ethylhexyl sulfate	2-Ethylhexyl sulfate sodium salt	Alkyl (C8-C18) sulfate sodium salt	Anionic Surfactant	Tolerance exempt, 40 CFR 180.910	CDPR, EPA InertFinder, EPA SRS, EU ECHA	2/19/2019	
25085-02-3	Sodium acrylate acrylamide polymer	2-Propenoic acid, sodium salt, polymer with 2-propenamide	Acrylic polymer	Deposition Aid, Drift Control Agent	Tolerance exempt, 40 CFR 180.960	CDPR, EPA InertFinder, EPA SRS	6/27/2019	
144-55-8	Sodium bicarbonate	n/a - Synonym not allowed for bases, per WSDA policy.	n/a - Chemical class not allowed for bases, per WSDA policy.	Alkalinity Agent, Buffer	Tolerance exempt, 40 CFR 180.950e	CDPR, EPA InertFinder, EPA SRS	6/17/2019	
497-19-8	Sodium carbonate	n/a - Synonym not allowed for bases, per WSDA policy.	n/a - Chemical class not allowed for bases, per WSDA policy.	Activator, Alkalinity Agent	Tolerance exempt, 40 CFR 180.1234	CDPR, EPA InertFinder, EPA SRS	6/25/2019	
9004-32-4	Sodium carboxymethyl cellulose	Cellulose, carboxymethyl ether, sodium salt	None	Sticker, Thickener	Tolerance exempt, 40 CFR 180.950e	CDPR, EPA InertFinder, EPA SRS	11/12/2019	R
2624-17-1	Sodium cyanurate	Cyanuric acid, monosodium salt	n/a - Chemical class not allowed for non-food and non-feed ingredients, per WSDA policy.	Stabilizer (Term not defined by ASTM)	No tolerance exemption as an inert ingredient, not allowed for use on food or feed crops.	CDPR, EPA InertFinder, EPA SRS	7/30/2019	
142-87-0	Sodium decyl sulfate	None	Alkyl (C8-C18) sulfate sodium salt	Anionic Surfactant, Foaming Agent	Tolerance exempt, 40 CFR 180.910	CDPR, EPA InertFinder	2/19/2019	
25155-30-0	Sodium dodecylbenzenesulfonate	Dodecylbenzenesulfonic acid, sodium salt	Alkyl (C8-C24) benzene sulfonate	Anionic Surfactant, Foaming Agent	Tolerance exempt, 40 CFR 180.910	CDPR, EPA InertFinder, EPA SRS	6/19/2019	
1310-73-2	Sodium hydroxide	n/a - Synonym not allowed for bases, per WSDA policy.	n/a - Chemical class not allowed for bases, per WSDA policy.	Alkalinity Agent, Buffer, Water Conditioning Agent	Tolerance exempt, 40 CFR 180.910	CDPR, EPA InertFinder, EPA SRS	6/20/2019	
156028-14-7	Sodium lauroamphoacetate	None	n/a - Chemical class not allowed for non-food and non-feed ingredients, per WSDA policy.	Amphoteric Surfactant, Foaming Agent	No tolerance exemption as an inert ingredient, not allowed for use on food or feed crops.	PubChem	7/1/2019	
66161-62-4	Sodium lauroamphoacetate	Glycine, N-(2-hydroxyethyl)-N-[2-[(1- oxododecyl)amino]ethyl]-, sodium salt (1:1)	n/a - Chemical class not allowed for non-food and non-feed ingredients, per WSDA policy.	Amphoteric Surfactant, Foaming Agent	No tolerance exemption as an inert ingredient, not allowed for use on food or feed crops.	EPA SRS, EU ECHA	7/1/2019	
9004-82-4	Sodium lauryl ether sulfate	Sodium laureth sulfate	None	Anionic Surfactant	Tolerance exempt, 40 CFR 180.910, not to exceed 30% of pesticide formulation, data compensation.	CDPR, EPA InertFinder	3/29/2019	
151-21-3	Sodium lauryl sulfate	Sodium dodecyl sulfate	Alkyl (C8-C18) sulfate sodium salt	Anionic Surfactant, Foaming Agent	Tolerance exempt, 40 CFR 180.910	CDPR, EPA InertFinder	2/19/2019	
137-20-2	Sodium N-methyl-N-oleoyltaurate	N-Methyl-N-oleoyltaurine, sodium salt	None	Anionic Surfactant	Tolerance exempt, 40 CFR 180.910, data compensation.	CDPR, EPA InertFinder, EPA SRS	7/30/2019	
9003-04-7	Sodium polyacrylate	2-Propenoic acid, homopolymer, sodium salt	Acrylic polymer	Deposition Aid, Drift Control Agent	Tolerance exempt, 40 CFR 180.960	CDPR, EPA InertFinder, EPA SRS	7/8/2019	
67701-10-4	Sodium salts of fatty acids (C8-18 and C18 unsaturated)	Fatty acids, C8-18 and C18- unsaturated, sodium salts	Sodium salts of fatty acids	Anionic Surfactant, Emulsifier	Tolerance exempt, 40 CFR 180.910	CDPR, EPA InertFinder	7/9/2019	
7772-98-7	Sodium thiosulfate	Thiosulfuric acid, disodium salt	None	Reducing Agent (Term not defined by ASTM)	Tolerance exempt, 40 CFR 180.910	CDPR, EPA InertFinder, EPA SRS	7/30/2019	

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25446-78-0	Sodium tridecethsulfate	Ethanol, 2-[2-(tridecyloxy)ethoxy]ethoxy]-, hydrogen sulfate, sodium salt	None	Anionic Surfactant	Tolerance exempt, 40 CFR 180.910, not to exceed 30% of pesticide formulation, data compensation.	CDPR, EPA InertFinder, EPA SRS, PubChem	6/24/2019	
7758-29-4	Sodium tripolyphosphate	Triphosphoric acid, sodium salt	None	Water Conditioning Agent	Tolerance exempt, 40 CFR 180.910	CDPR, EPA InertFinder, EPA SRS	7/30/2019	
1300-72-7	Sodium xylene sulfonate	Sodium dimethyl benzene sulfonate	None	Anionic Surfactant	Tolerance exempt, 40 CFR 180.920	CDPR, EPA InertFinder	1/16/2018	
64742-56-9	Solvent-dewaxed light paraffinic distillates (petroleum)	Distillates (petroleum), solvent-dewaxed light paraffinic	Paraffinic oil	Crop Oil, Canopy Penetrating Agent, Deposition Aid, Evaporation Reduction Agent, Penetrant	Tolerance exempt, 40 CFR 180.910	CDPR, EPA InertFinder, EPA SRS	5/10/2019	
64741-89-5	Solvent-refined light paraffinic petroleum distillates	Distillates (petroleum), solvent-refined light paraffinic	Paraffinic oil	Crop Oil, Canopy Penetrating Agent, Deposition Aid, Evaporation Reduction Agent, Penetrant	Tolerance exempt, 40 CFR 180.910	CDPR, EPA InertFinder, EPA SRS	5/10/2019	
1338-43-8	Sorbitan monooleate	Sorbitan, mono-(9Z)-9-octadecenoate	Sorbitan fatty acid ester	Nonionic Surfactant, Spreader, Wetting Agent	Tolerance exempt, 40 CFR 180.910	CDPR, EPA InertFinder, EPA SRS	5/10/2019	
1338-41-6	Sorbitan monostearate	Sorbitan, monooctadecanoate	Sorbitan fatty acid ester	Nonionic Surfactant, Spreader, Wetting Agent	Tolerance exempt, 40 CFR 180.910	CDPR, EPA InertFinder, EPA SRS	5/10/2019	
26266-58-0	Sorbitan trioleate	Sorbitan, tri-(9Z)-9-octadecenoate	Sorbitan fatty acid ester	Nonionic Surfactant, Spreader, Wetting Agent	Tolerance exempt, 40 CFR 180.910	CDPR, EPA InertFinder, EPA SRS	5/10/2019	
1472668-03-3	Sorbitan, di-(9Z)-9-octadecenoate, poly(oxy-1,2-ethanediyl) poly[oxy(methyl-1,2-ethanediyl)] derivs.	None	polyoxyalkylated sorbitan fatty acid esters	Surfactant	Tolerance exempt, 40 CFR 180.960	EPA Inert Finder	7/6/2020	N
87090-31-1	Sorbitan, monododecanoate, poly(oxy-1,2-ethanediyl) poly[oxy(methyl-1,2-ethanediyl)] derivatives	None	Polyoxyalkylated sorbitan fatty acid esters	Surfactant	Tolerance exempt, 40 CFR 180.960	CDPR, EPA InertFinder	7/9/2020	R
50-70-4	Sorbitol	D-Glucitol	Polyhydric alcohol	Evaporation Reduction Agent, Humectant	Tolerance exempt, 40 CFR 180.950e	CDPR, EPA InertFinder	5/10/2019	
8001-22-7	Soybean oil	None	Seed oil	Vegetable Oil, Canopy Penetrating Agent, Deposition Aid, Evaporation Reduction Agent	Tolerance exempt, 40 CFR 180.950c	CDPR, EPA InertFinder	5/10/2019	
61790-25-8	Soybean oil fatty acids, sodium salt	Fatty acids, soya, sodium salts	Sodium salts of fatty acids	Anionic Surfactant, Emulsifier	Tolerance exempt, 40 CFR 180.910	EPA InertFinder, EPA SRS	7/9/2019	
7664-93-9	Sulfuric acid	n/a - Synonym not allowed for acids, per WSDA policy.	n/a - Chemical class not allowed for acids, per WSDA policy.	Acidifier	Tolerance exempt, 40 CFR 180.910, not to exceed 10% of the pesticide formulation; non-aerosol formulations only	CDPR, EPA InertFinder	3/4/2019	
8002-26-4	Tall oil	Tall oil rosin and fatty acids	None	Sticker, Surfactant	Tolerance exempt, 40 CFR 180.910	CDPR, EPA InertFinder, EPA SRS	12/5/2018	
61790-12-3	Tall oil fatty acids	Fatty acids, tall-oil	None	Sticker, Surfactant	Tolerance exempt, 40 CFR 180.910, data compensation.	CDPR, EPA InertFinder, EPA SRS	11/5/2018	

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61791-26-2	Tallow alkyl amines ethoxylated	Polyoxyethylene tallow amine	Alkyl amine ethoxylate	Cationic Surfactant	Tolerance exempt, 40 CFR 180.920, not to exceed 25% in herbicide formulations and 10% in insecticide and fungicide formulations, data compensation.	CDPR, EPA InertFinder, EPA SRS, EU ECHA	2/21/2019	
68213-26-3	Tallow alkyl amines ethoxylated propoxylated	Ethoxylated propoxylated tallowalkylamines	Alkyl amine alkoxyate	Cationic Surfactant	Tolerance exempt, 40 CFR 180.920, not to exceed 25% in herbicide formulations and 10% in insecticide and fungicide formulations, data compensation.	CDPR, EPA InertFinder, EPA SRS	5/28/2019	
68551-04-2	Tamarind seed gum, 2-hydroxypropyl ether	None	Polysaccharide gum	Deposition Aid, Drift Control Agent, Sticker	Tolerance exempt, 40 CFR 180.960	CDPR, EPA InertFinder	5/10/2019	
2601-33-4	Tetradecyl dimethyl betaine	Myristyl betaine or 1-Tetradecanaminium, N-(carboxymethyl)-N,N-dimethyl-, inner salt	Alkyl (C12-C16) dimethyl ammonio acetate	Amphoteric Surfactant	Tolerance exempt, 40 CFR 180.920, 20% by weight in pesticide formulation, data compensation.	CDPR, EPA InertFinder, PubChem, ChemIDPlus	8/5/2020	R
7320-34-5	Tetrapotassium pyrophosphate	Potassium pyrophosphate	None	Water conditioning agent, buffer	Tolerance exempt, 40 CFR 180.920. Not to exceed 10% of formulation	CDPR, EPA InertFinder	7/29/2020	N
100456-55-1	Tetrasodium N-(1,2-dicarboxyethyl) N-octadecyl sulfosuccinamate	Tetrasodium N-(3-carboxy-1-oxo-3-sulfopropyl)-N-octadecylaspartate	n/a - Chemical class not allowed for non-food and non-feed ingredients, per WSDA policy.	Compatibility Agent	No tolerance exemption as an inert ingredient, not allowed for use on food or feed crops.	PubChem	7/22/2019	
9046-01-9	Tridecyl alcohol, ethoxylated, phosphated	Polyethylene glycol tridecyl ether phosphate	Alcohol ethoxylate phosphate ester	Anionic Surfactant	Tolerance exempt, 40 CFR 180.910 and .920, not to exceed 30% of pesticide formulation, data compensation.	CDPR, EPA InertFinder, EPA SRS	6/21/2019	
102-71-6	Triethanolamine	n/a - Synonym not allowed for bases, per WSDA policy.	n/a - Chemical class not allowed for bases, per WSDA policy.	Alkalinity Agent, Buffer	Tolerance exempt, 40 CFR 180.920	CDPR, EPA InertFinder, EPA SRS	4/2/2019	
866-84-2	Tripotassium citrate	Citric acid, tripotassium salt	None	Water Conditioning Agent	Tolerance exempt, 40 CFR 180.950e	CDPR, EPA InertFinder, EPA SRS	4/15/2019	
68-04-2	Trisodium citrate	Citric acid, trisodium salt	None	Water Conditioning Agent	Tolerance exempt, 40 CFR 180.950e	EPA InertFinder, EPA SRS	5/29/2019	
6132-04-3	Trisodium citrate dihydrate	Citric acid, trisodium salt, dihydrate	None	Water Conditioning Agent	Tolerance exempt, 40 CFR 180.950e	EPA InertFinder, EPA SRS	5/29/2019	
5064-31-3	Trisodium nitrilotriacetate	Nitrilotriacetic acid, trisodium salt	n/a - Chemical class not allowed for non-food and non-feed ingredients, per WSDA policy.	Penetrant	No tolerance exemption as an inert ingredient, not allowed for use on food or feed crops.	CDPR, EPA InertFinder, EPA SRS, EU ECHA, PubChem	7/1/2019	
7601-54-9	Trisodium phosphate	Phosphoric acid, trisodium salt	None	Buffer	Tolerance exempt, 40 CFR 180.910	CDPR, EPA InertFinder	5/29/2019	
57-13-6	Urea	Carbamide	None	Evaporation Reduction Agent, Humectant, Nonionic Surfactant	Tolerance exempt, 40 CFR 180.950e	CDPR, EPA InertFinder, EPA SRS	5/10/2019	
21351-39-3	Urea sulfate	Monocarbamide dihydrogen sulfate	n/a - Chemical class not allowed for Urea sulfate, per WSDA policy.	Water Conditioning Agent	No tolerance exemption for Urea sulfate, but there are tolerance exemptions for urea and sulfuric acid. WSDA may allow ingredient on food or feed crops, but we recommend that registrants petition EPA to establish an exemption from tolerance.	CDPR, EPA InertFinder, EPA SRS	2/22/2019	
68956-68-3	Vegetable oil	Vegetable (seed) oil	Seed oil	Vegetable Oil, Canopy Penetrating Agent, Deposition Aid, Evaporation Reduction Agent	Tolerance exempt, 40 CFR 180.950c	CDPR, EPA SRS, EU ECHA	7/1/2019	

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30229-42-6	Vinyl acetate, butyl acrylate, methyl methacrylate polymer	2-Propenoic acid, 2-methyl-, methyl ester, polymer with butyl 2-propenoate and ethenyl acetate	Vinyl acetate polymer	Deposition Aid, Drift Control Agent	Tolerance exempt, 40 CFR 180.960	EPA SRS, PubChem	7/8/2019	
68608-58-2	Whey	Whey, protein-free	n/a - Chemical class not allowed for allergens, per WSDA policy.	Attractant	Tolerance exempt, 40 CFR 180.1071 (food commodity allergen - use pattern is limited).	EPA InertFinder, EPA SRS	6/4/2019	
8042-47-5	White mineral oil	None	Mineral oil	Crop Oil, Canopy Penetrating Agent, Deposition Aid, Evaporation Reduction Agent, Penetrant	Tolerance exempt, 40 CFR 180.910	CDPR, EPA InertFinder	5/10/2019	
11138-66-2	Xanthan gum	None	Polysaccharide gum	Deposition Aid, Drift Control Agent, Sticker	Tolerance exempt, 40 CFR 180.950e	CDPR, EPA InertFinder	5/10/2019	
68876-77-7	Yeast	Saccharomyces cerevisiae	None	Attractant	Tolerance exempt, 40 CFR 180.950a	CDPR, EPA InertFinder, EPA SRS	5/30/2019	
90147-58-3	Yucca filamentosa, extract	None	n/a - Chemical class not allowed for non-food and non-feed ingredients, per WSDA policy.	Nonionic Surfactant, Spreader, Wetting Agent	No tolerance exemption as an inert ingredient, not allowed for use on food or feed crops.	EPA InertFinder, EPA SRS	7/1/2019	
223749-05-1	Yucca schidigera, extract	None	None	Nonionic Surfactant, Spreader, Wetting Agent	Tolerance exempt, 40 CFR 180.920	EPA InertFinder, EU ECHA	5/10/2019	
90147-57-2	Yucca, extract	None	n/a - Chemical class not allowed for non-food and non-feed ingredients, per WSDA policy.	Nonionic Surfactant, Spreader, Wetting Agent	No tolerance exemption as an inert ingredient, not allowed for use on food or feed crops.	EPA SRS, EU ECHA	7/1/2019	