

chem_code	chemalpha_cc	chemname	chem_code_Group	ChemCodeGroupMatch::chemname	GroupNotes	TessaNotes
9	2100	ALDRIN	9	ALDRIN		
90009	2200	ALDRIN, OTHER RELATED	9	ALDRIN	other related	
12	8900	ALLETHRIN	12	ALLETHRIN		
90012	9000	ALLETHRIN, OTHER RELATED	12	ALLETHRIN	other related	
2293	9100	D-ALLETHRIN	12	ALLETHRIN		
92293	9150	D-ALLETHRIN, OTHER RELATED	12	ALLETHRIN	other related	
4038	9155	D-TRANS ALLETHRIN	12	ALLETHRIN		
94038	9157	D-TRANS ALLETHRIN, OTHER RELATED	12	ALLETHRIN	other related	
	19650	S-BIOALLETHRIN	12	ALLETHRIN		
	67977	ESBIOTHRIN	12	ALLETHRIN		
18	9700	AMETRYNE	18	AMETRYNE		
90018	9800	AMETRYNE, OTHER RELATED	18	AMETRYNE	other related	
45	15100	ATRAZINE	45	ATRAZINE		
90045	15200	ATRAZINE, OTHER RELATED	45	ATRAZINE	other related	
62	127150	PROPOXUR	62	PROPOXUR		
90062	127151	PROPOXUR, OTHER RELATED	62	PROPOXUR	other related	
83	21800	BROMACIL	83	BROMACIL	Al=Bromacil	
840	21900	BROMACIL, DIMETHYLAMINE SALT	83	BROMACIL	Al=Bromacil	
1573	21950	BROMACIL, LITHIUM SALT	83	BROMACIL	Al=Bromacil	
842	22000	BROMACIL, SODIUM SALT	83	BROMACIL	Al=Bromacil	
104	27500	CAPTAN	104	CAPTAN		
90104	27525	CAPTAN, OTHER RELATED	104	CAPTAN	other related	
130	30700	CHLORDANE	130	CHLORDANE		
90130	30800	CHLORDANE, OTHER RELATED	130	CHLORDANE	other related	
140	43170	CROTOXYPHOS	140	CROTOXYPHOS		
90140	43171	CROTOXYPHOS, OTHER RELATED	140	CROTOXYPHOS	other related	
165	42630	COUMAPHOS	165	COUMAPHOS		
90165	42635	COUMAPHOS, OTHER RELATED	165	COUMAPHOS	other related	
182	150300	1,3,4,6-TETRACHLOROGLYCOLURIL	182	1,3,4,6-TETRACHLOROGLYCOLURIL		
90182	150310	1,3,4,6-TETRACHLOROGLYCOLURIL, OTHER RELATE	182	1,3,4,6-TETRACHLOROGLYCOLURIL	other related	
183	48100	DBCP	183	DBCP		
90183	48200	DBCP, OTHER RELATED	183	DBCP	other related	
184	48400	DDD	184	DDD		
90184	48500	DDD, OTHER RELATED	184	DDD	other related	
187	48800	DDVP	187	DDVP		
90187	48900	DDVP, OTHER RELATED	187	DDVP	other related	
418	100500	NALED	187	DDVP	degrades to dichlorvos (DDVP)	
189	49100	DEET	189	DEET		
90189	49200	DEET, OTHER RELATED	189	DEET	other related	
192	58700	DIOXATHION	192	DIOXATHION		
90192	58800	DIOXATHION, OTHER RELATED	192	DIOXATHION	other related	
195	50900	DIATOMACEOUS EARTH	195	DIATOMACEOUS EARTH		
90195	50925	DIATOMACEOUS EARTH, OTHER RELATED	195	DIATOMACEOUS EARTH	other related	
200	51600	DICAMBA	200	DICAMBA		

4065	51650 5-HYDROXY-DICAMBA	200 DICAMBA	
90200	51700 DICAMBA, OTHER RELATED	200 DICAMBA	other related
780	51800 DICAMBA, DIETHANOLAMINE SALT	200 DICAMBA	
849	52000 DICAMBA, DIMETHYLAMINE SALT	200 DICAMBA	
90849	52100 DICAMBA, DIMETHYLAMINE SALT, OTHER RELATEI	200 DICAMBA	other related
5098	52125 DICAMBA, ISOPROPYLAMINE SALT	200 DICAMBA	
1829	52150 DICAMBA, MONOETHANOLAMINE SALT	200 DICAMBA	
91829	52160 DICAMBA, MONOETHANOLAMINE SALT, OTHER RE	200 DICAMBA	other related
5110	52165 DICAMBA, POTASSIUM SALT	200 DICAMBA	
5057	52170 DICAMBA, SODIUM SALT	200 DICAMBA	
1113	52200 DICAMBA, TRIETHANOLAMINE SALT	200 DICAMBA	
210	54200 DIELDRIN	210 DIELDRIN	
90210	54300 DIELDRIN, OTHER RELATED	210 DIELDRIN	other related
225	59000 DIPHACINONE	225 DIPHACINONE	AI=DIPHACINONE
1636	59100 DIPHACINONE, SODIUM SALT	225 DIPHACINONE	AI=DIPHACINONE
230	60300 DISULFOTON	230 DISULFOTON	
6043	60315 DISULFOTON SULFONE	230 DISULFOTON	DISULFOTON=functional AI? Sulfone is a metabolite of dis
253	36850 CHLORPYRIFOS	253 CHLORPYRIFOS	
2468	36860 CHLORPYRIFOS-METHYL	253 CHLORPYRIFOS	
5034	36865 CHLORPYRIFOS OXON	253 CHLORPYRIFOS	
262	67300 ENDRIN	262 ENDRIN	
90262	67400 ENDRIN, OTHER RELATED	262 ENDRIN	other related
266	67800 ERBON	266 ERBON	
90266	67900 ERBON, OTHER RELATED	266 ERBON	other related
293	91600 MERPHOS	293 MERPHOS	
90293	91650 MERPHOS, OTHER RELATED	293 MERPHOS	other related
314	15700 AZINPHOS-METHYL	314 AZINPHOS-METHYL	
4054	15715 AZINPHOS-METHYL OXYGEN ANALOG	314 AZINPHOS-METHYL	
317	76700 HEPTACHLOR	317 HEPTACHLOR	
90317	76710 HEPTACHLOR, OTHER RELATED	317 HEPTACHLOR	other related
320	77400 HEXACHLOROACETONE	320 HEXACHLOROACETONE	
90320	77500 HEXACHLOROACETONE, OTHER RELATED	320 HEXACHLOROACETONE	other related
344	58300 DINOCAAP	344 DINOCAAP	
90344	58301 DINOCAAP, OTHER RELATED	344 DINOCAAP	other related
374	90150 MCPP	374 MCPP	
790	90200 MCPP, DIETHANOLAMINE SALT	374 MCPP	AI = MCPP
1016	90300 MCPP, DIMETHYLAMINE SALT	374 MCPP	AI = MCPP
2294	90350 MCPP, ISOOCXYL ESTER	374 MCPP	AI = MCPP
1303	90400 MCPP, POTASSIUM SALT	374 MCPP	AI = MCPP
5333	90500 MCPP-P, DIMETHYLAMINE SALT	374 MCPP	AI = MCPP
5334	90525 MCPP-P, 2-ETHYL HEXYL ESTER	374 MCPP	AI = MCPP
5335	90580 MCPP-P, POTASSIUM SALT	374 MCPP	AI = MCPP
5111	90725 MECOPROP-P	374 MCPP	AI = MCPP. MCPP-P is the more active stereoisomer of MCF
3113	42960 O-CRESOL	378 META-CRESOL	
3114	42970 P-CRESOL	378 META-CRESOL	

378	92000 META-CRESOL	378	META-CRESOL
384	92800 METHOXYCHLOR	384	METHOXYCHLOR
90384	92900 METHOXYCHLOR, OTHER RELATED	384	METHOXYCHLOR other related
616	92250 METAM-SODIUM	392	METHYL ISOTHIOCYANATE degrades to active MITC (methyl isothiocyanate)
392	95000 METHYL ISOTHIOCYANATE	392	METHYL ISOTHIOCYANATE
970	124300 POTASSIUM N-METHYLDITHIOCARBAMATE	392	METHYL ISOTHIOCYANATE metam-potassium; degrades to active MITC (methyl isothi
394	95900 METHYL PARATHION	394	METHYL PARATHION
90394	95905 METHYL PARATHION, OTHER RELATED	394	METHYL PARATHION other related
421	100800 NAPHTHALENE	421	NAPHTHALENE
90421	100850 NAPHTHALENE, OTHER RELATED	421	NAPHTHALENE other related
435	105200 NOREA	435	NOREA
90435	105300 NOREA, OTHER RELATED	435	NOREA other related
439	102500 NITRAPYRIN	439	NITRAPYRIN
90439	102600 NITRAPYRIN, OTHER RELATED	439	NITRAPYRIN other related
442	144700 SULFURIC ACID	442	SULFURIC ACID
3483	159025 TRIETHANOALMINE NONYL PHENYL POLY OXYETH'	442	SULFURIC ACID NOT SURE ABOUT THIS ONE
446	108700 OMPA	446	OMPA
90446	108800 OMPA, OTHER RELATED	446	OMPA other related
459	110300 PARATHION	459	PARATHION
90459	110400 PARATHION, OTHER RELATED	459	PARATHION other related
464	110700 PCNB	464	PCNB
90464	110800 PCNB, OTHER RELATED	464	PCNB other related
90465	111000 PCP, OTHER RELATED	465	PENTACHLOROPHENOL
540	111200 PCP, SODIUM SALT	465	PENTACHLOROPHENOL
90540	111300 PCP, SODIUM SALT, OTHER RELATED	465	PENTACHLOROPHENOL other related
465	111845 PENTACHLOROPHENOL	465	PENTACHLOROPHENOL
472	68770 ETHYLAN	472	ETHYLAN
90472	68775 ETHYLAN, OTHER RELATED	472	ETHYLAN other related
480	96500 MEVINPHOS	480	MEVINPHOS
90480	96501 MEVINPHOS, OTHER RELATED	480	MEVINPHOS other related
482	115300 PHOSPHAMIDON	482	PHOSPHAMIDON
90482	115400 PHOSPHAMIDON, OTHER RELATED	482	PHOSPHAMIDON other related
486	117600 PIPERONYL BUTOXIDE	486	PIPERONYL BUTOXIDE
90486	117700 PIPERONYL BUTOXIDE, OTHER RELATED	486	PIPERONYL BUTOXIDE other related
491	113760 PHENYLMERCURIC ACETATE	491	PHENYLMERCURIC ACETATE
90491	113761 PHENYLMERCURIC ACETATE, OTHER RELATED	491	PHENYLMERCURIC ACETATE other related
509	127800 PYRAZON	509	PYRAZON
90509	127900 PYRAZON, OTHER RELATED	509	PYRAZON other related
510	128000 PYRETHRINS	510	PYRETHRINS
90510	128100 PYRETHRINS, OTHER RELATED	510	PYRETHRINS other related
518	130200 ROTENONE	518	ROTENONE
90518	130300 ROTENONE, OTHER RELATED	518	ROTENONE other related
558	144100 SULFOTEP	558	SULFOTEP
90558	144200 SULFOTEP, OTHER RELATED	558	SULFOTEP other related
559	144300 SULFOXIDE	559	SULFOXIDE

90559	144400 SULFOXIDE, OTHER RELATED	559 SULFOXIDE	other related
358	86600 LIME-SULFUR	560 SULFUR	
560	144500 SULFUR	560 SULFUR	
3461	144575 SULFUR CHLORIDE	560 SULFUR	
3462	144590 SULFUR DICHLORIDE	560 SULFUR	
561	144600 SULFUR DIOXIDE	560 SULFUR	
575	2000 ALDICARB	575 ALDICARB	
2361	2025 ALDICARB SULFOXIDE	575 ALDICARB	
577	149000 TEPP	577 TEPP	
90577	149100 TEPP, OTHER RELATED	577 TEPP	other related
586	153000 THANITE	586 THANITE	
90586	153100 THANITE, OTHER RELATED	586 THANITE	other related
587	153200 THIABENDAZOLE	587 THIABENDAZOLE	AI=THIABENDAZOLE
1952	153250 THIABENDAZOLE, HYPOPHOSPHITE SALT	587 THIABENDAZOLE	AI=THIABENDAZOLE
602	160700 TRYSBEN	602 TRYSBEN	
90602	160800 TRYSBEN, OTHER RELATED	602 TRYSBEN	other related
629	165500 ZIRAM	629 ZIRAM	
1328	165600 ZIRAM, CYCLOHEXYLAMINE COMPLEX	629 ZIRAM	
636	44500 2,4-D	636 2,4-D	
801	44550 2,4-D, ALKANOLAMINE SALTS (ETHANOL AND ISOP	636 2,4-D	
802	44900 2,4-D, BUTOXYETHANOL ESTER	636 2,4-D	
1255	45000 2,4-D, BUTOXY ETHOXY PROPANOL ESTER	636 2,4-D	
803	45100 2,4-D, BUTOXYPROPYL ESTER	636 2,4-D	
804	45200 2,4-D, BUTYL ESTER	636 2,4-D	
805	45300 2,4-D, DIETHANOLAMINE SALT	636 2,4-D	
875	45400 2,4-D, DIETHYLAMINE SALT	636 2,4-D	
806	45500 2,4-D, DIMETHYLAMINE SALT	636 2,4-D	
1259	45600 2,4-D, N,N-DIMETHYL OLEYL-LINOLEYLAMINE SALT	636 2,4-D	
807	45700 2,4-D, DODECYLAMINE SALT	636 2,4-D	
1622	45725 2,4-D, 2-ETHYLHEXYL ESTER	636 2,4-D	
1962	45750 2,4-D, HEPTYLAMINE SALT	636 2,4-D	
809	45800 2,4-D, ISOCTYL ESTER	636 2,4-D	
810	45900 2,4-D, ISOPROPYL ESTER	636 2,4-D	
3953	45950 2,4-D, ISOPROPYLAMINE SALT	636 2,4-D	
811	46000 2,4-D, LITHIUM SALT	636 2,4-D	
1032	46200 2,4-D, MORPHOLINE SALT	636 2,4-D	
1999	46300 2,4-D, OCTYL ESTER	636 2,4-D	
1096	46400 2,4-D, N-OLEYL-1,3-PROPYLENEDIAMINE SALT	636 2,4-D	
1275	46500 2,4-D, PROPYL ESTER	636 2,4-D	
812	46520 2,4-D, PROPYLENE GLYCOL BUTYL ETHER ESTER	636 2,4-D	
813	46700 2,4-D, SODIUM SALT	636 2,4-D	
814	46800 2,4-D, TETRADECYLAMINE SALT	636 2,4-D	
815	46900 2,4-D, TRIETHANOLAMINE SALT	636 2,4-D	
1138	47000 2,4-D, TRIETHYLAMINE SALT	636 2,4-D	
5538	47050 2,4-D, TRIISOPROPANOLAMINE SALT	636 2,4-D	

816	47100	2,4-D, TRIISOPROPYLAMINE SALT	636	2,4-D
6041	46100	2,4-D, METHYL ESTER	636	2,4-D
5020	47695	2,4-DB ACID		2,4-DB
837	47700	4-(2,4-DB), BUTOXYETHANOL ESTER		2,4-DB
838	47800	4-(2,4-DB), DIMETHYLAMINE SALT		2,4-DB
1385	47900	4-(2,4-DB), ISOOCTYL ESTER		2,4-DB
3135	52564	2,4-DICHLORO ANILINE		2,4-DICHLORO ANILINE
2499	53350	2,4-DICHLOROPHENOL		2,4-DICHLOROPHENOL
221	58000	2,4-DINITROPHENOL		2,4-DINITROPHENOL
2242	64000	2,4-DP, DIETHANOLAMINE SALT		2,4-DP
2247	64100	2-(2,4-DP), DIMETHYLAMINE SALT		2,4-DP
5061	64120	2,4-DP, 2-ETHYLHEXYL ESTER		2,4-DP
1820	64150	2,4-DP, ISOOCTYL ESTER		2,4-DP
789	64200	2,4-DP, TRIETHANOLAMINE SALT		2,4-DP
5336	64225	2,4-DP-P, DIMETHYLAMINE SALT		2,4-DP
5337	64235	2,4-DP-P, ISOOCTYL ESTER		2,4-DP
3013	507	ACETIC ACID, COPPER (2+) SALT	714	COPPER
714	39400	COPPER	714	COPPER
147	39600	COPPER ACETATE	714	COPPER
1762	39650	COPPER AMMONIUM CARBONATE	714	COPPER
3550	39700	COPPER AMMONIUM COMPLEX	714	COPPER
1457	39800	COPPER BRONZE POWDER	714	COPPER
60	40000	COPPER CARBONATE, BASIC	714	COPPER
1406	40300	COPPER CITRATE	714	COPPER
3547	40350	COPPER CITRATE CHELATE	714	COPPER
3553	40375	COPPER DIETHANOLAMINE COMPLEX	714	COPPER
753	40400	COPPER DIHYDRAZINIUM SULFATE	714	COPPER
3551	40410	COPPER ETHANOLAMINE COMPLEXES, MIXED	714	COPPER
3549	40425	COPPER ETHYLENEDIAMINE COMPLEX	714	COPPER
2235	40450	COPPER 2-ETHYLHEXANOATE	714	COPPER
3548	40475	COPPER GLUCONATE CHELATE	714	COPPER
151	40500	COPPER HYDROXIDE	714	COPPER
1826	40550	COPPER HYDROXIDE - TRIETHANOLAMINE COMPLI	714	COPPER
1110	40700	COPPER LINOLEATE	714	COPPER
3552	40775	COPPER MONOETHANOLAMINE COMPLEX	714	COPPER
153	40800	COPPER NAPHTHENATE	714	COPPER
5225	40900	COPPER OCTANOATE	714	COPPER
154	41000	COPPER OLEATE	714	COPPER
2231	41050	COPPER OXIDE (IC)	714	COPPER
175	41150	COPPER OXIDE (OUS)	714	COPPER
156	41200	COPPER OXYCHLORIDE	714	COPPER
158	41300	COPPER OXYCHLORIDE SULFATE	714	COPPER
2479	41350	COPPER PHTHALOCYANINE	714	COPPER
5975	41360	COPPER 2-PYRIDINETHIOL-1-OXIDE	714	COPPER
159	41400	COPPER 8-QUINOLINOLEATE	714	COPPER

2,4-D is a metabolite, but 2,4-DB is a separate AI & does n

155	41500 COPPER SALTS OF FATTY AND ROSIN ACIDS	714 COPPER	
755	41600 COPPER SODIUM SULFATE-PHOSPHATE COMPLEX	714 COPPER	
1778	41650 COPPER SULFATE (ANHYDROUS)	714 COPPER	
162	41700 COPPER SULFATE (BASIC)	714 COPPER	
2480	41725 COPPER SULFATE ETHYLENE DIAMINE	714 COPPER	
1789	41750 COPPER SULFATE, MONOHYDRATE	714 COPPER	
161	41775 COPPER SULFATE (PENTAHYDRATE)	714 COPPER	
1615	41800 COPPER TRIETHANOLAMINE COMPLEX	714 COPPER	
163	42100 COPPER-ZINC CHROMATE COMPLEX	714 COPPER	
164	42200 COPPER-ZINC SULFATE COMPLEX	714 COPPER	
1751	42300 COPPER-ZINC SULFATE COMPLEX, MONOHYDRATE	714 COPPER	
3173	59865 DISODIUM EDTA-COPPER	714 COPPER	
1135	65700 EDTA, COPPER COMPLEX	714 COPPER	
1613	65750 EDTA, DIAMMONIUM COPPER SALT	714 COPPER	
1130	79900 N-(2-HYDROXYETHYL) ETHYLENE DIAMINE TRIACET	714 COPPER	
1925	86435 LIGNIN SULFONIC ACID, COPPER SALT	714 COPPER	
6103	40360 COPPER DIAMMONIUM DIACETATE COMPLEX	714 COPPER	
6018	41375 COPPER PYRITHIONE	714 COPPER	
777	150600 TETRACHLOROPHENOL	777 TETRACHLOROPHENOL	
90777	150950 TETRACHLOROPHENOL, OTHER RELATED	777 TETRACHLOROPHENOL	other related
776	151200 TETRACHLOROPHENOL, SODIUM SALT	777 TETRACHLOROPHENOL	
90776	151300 TETRACHLOROPHENOL, SODIUM SALT, OTHER REL	777 TETRACHLOROPHENOL	other related
797	159400 2,3,5-TRIIODO BENZOIC ACID, DIMETHYLAMINE SA	797 2,3,5-TRIIODO BENZOIC ACID, DIMETHYLAMINE SALT	
90797	159500 2,3,5-TRIIODOBENZOIC ACID, DIMETHYLAMINE SA	797 2,3,5-TRIIODO BENZOIC ACID, DIMETH	other related
800	156500 2,3,6-TRICHLOROBENZOIC ACID, DIMETHYLAMINE	800 2,3,6-TRICHLOROBENZOIC ACID, DIMETHYLAMINE SALT	
90800	156501 2,3,6-TICHLOROBENZOIC ACID, DIMETHYLAMINE S	800 2,3,6-TRICHLOROBENZOIC ACID, DIME	other related
831	30100 CHLORAMBEN, AMMONIUM SALT	831 CHLORAMBEN, AMMONIUM SALT	
90831	30150 CHLORAMBEN, AMMONIUM SALT, OTHER RELATE	831 CHLORAMBEN, AMMONIUM SALT	other related
833	154840 3,4',5-TRIBROMOSALICYLANILIDE	833 3,4',5-TRIBROMOSALICYLANILIDE	
90833	154841 3,4',5-TRIBROMOSALICYLANILIDE, OTHER RELATED	833 3,4',5-TRIBROMOSALICYLANILIDE	other related
877	95600 METHYL NONYL KETONE	877 METHYL NONYL KETONE	
90877	95605 METHYL NONYL KETONE, OTHER RELATED	877 METHYL NONYL KETONE	other related
901	123900 POTASSIUM LAURATE	901 POTASSIUM LAURATE	
90901	124000 POTASSIUM LAURATE, OTHER RELATED	901 POTASSIUM LAURATE	other related
926	80310 2-HYDROXYETHYL OCTYL SULFIDE	926 2-HYDROXYETHYL OCTYL SULFIDE	
90926	80315 HYDROXYETHYL OCTYL SULFIDE, OTHER RELATED	926 2-HYDROXYETHYL OCTYL SULFIDE	other related
1133	117820 PIPROTAL	1133 PIPROTAL	
91133	117825 PIPROTAL, OTHER RELATED	1133 PIPROTAL	other related
640	157900 2,4,6-TRICHLOROPHENOL	1189 2,4,6-TRICHLOROPHENOL	2,4,6-Trichlorophenol is no longer used in the United State
1189	157901 2,4,6-TRICHLOROPHENOL	1189 2,4,6-TRICHLOROPHENOL	2,4,6-Trichlorophenol is no longer used in the United State
960	157950 2,4,6-TRICHLOROPHENOL, SODIUM SALT	1189 2,4,6-TRICHLOROPHENOL	2,4,6-Trichlorophenol is no longer used in the United State
90960	157955 2,4,6-TRICHLOROPHENOL, SODIUM SALT, OTHER R	1189 2,4,6-TRICHLOROPHENOL	other related
1382	157500 2,4,5-TRICHLOROPHENOL	1382 2,4,5-TRICHLOROPHENOL	
1050	157600 2,4,5-TRICHLOROPHENOL, POTASSIUM SALT	1382 2,4,5-TRICHLOROPHENOL	
91050	157700 2,4,5-TRICHLOROPHENOL, POTASSIUM SALT, OTHE	1382 2,4,5-TRICHLOROPHENOL	other related

1656	157800 2,4,5-TRICHLOROPHENOL, SODIUM SALT	1382 2,4,5-TRICHLOROPHENOL	
91656	157805 2,4,5-TRICHLOROPHENOL, SODIUM SALT, OTHER R	1382 2,4,5-TRICHLOROPHENOL	other related
1383	24200 TERT-BUTYL DIMETHYL TRITHIO PEROXYCARBAMA	1383 TERT-BUTYL DIMETHYL TRITHIO PEROXYCARBAMATE	
91383	24300 TERT-BUTYLDIMETHYLTRITHIOPEROXYCARBAMATI	1383 TERT-BUTYL DIMETHYL TRITHIO PERO)other related	
1421	1670 AKTON	1421 AKTON	
91421	1680 AKTON, OTHER RELATED	1421 AKTON	other related
1566	35500 4 & 6 - CHLORO-2-PHENYLPHENOL	1566 4 & 6 - CHLORO-2-PHENYLPHENOL	
91566	35600 4 & 6-CHLORO-2-PHENYLPHENOL, OTHER RELATED	1566 4 & 6 - CHLORO-2-PHENYLPHENOL	other related
458	110000 PARAQUAT BIS(METHYLSULFATE)	1601 PARAQUAT DICHLORIDE	PARAQUAT DICHLORIDE is parent
1601	110100 PARAQUAT DICHLORIDE	1601 PARAQUAT DICHLORIDE	
1640	43530 CYANAZINE	1640 CYANAZINE	
91640	43535 CYANAZINE, OTHER RELATED	1640 CYANAZINE	other related
1675	150400 2,3,5,6-TETRACHLORO-4-(METHYLSULFONYL) PYRI	1675 2,3,5,6-TETRACHLORO-4-(METHYLSULFONYL) PYRIDINE	
91675	150500 2,3,5,6-TETRACHLORO-4-(METHYLSULFONYL) PYRI	1675 2,3,5,6-TETRACHLORO-4-(METHYLSULI other related	
1676	86300 LEPTOPHOS	1676 LEPTOPHOS	
91676	86310 LEPTOPHOS, OTHER RELATED	1676 LEPTOPHOS	other related
1684	153500 THIOPHANATE	1684 THIOPHANATE	
1696	153600 THIOPHANATE-METHYL	1684 THIOPHANATE	
1691	149300 TERBUTRYN	1691 TERBUTRYN	
91691	149400 TERBUTRYN, OTHER RELATED	1691 TERBUTRYN	other related
1695	152200 TETRAMETHRIN	1695 TETRAMETHRIN	
91695	152400 TETRAMETHRIN, OTHER RELATED	1695 TETRAMETHRIN	other related
1784	92750 METHOPRENE	1784 METHOPRENE	
5026	92760 S-METHOPRENE	1784 METHOPRENE	
3832	109575 OXYTETRACYCLINE, CALCIUM COMPLEX	1798 OXYTETRACYCLINE HYDROCHLORIDE	
1798	109580 OXYTETRACYCLINE HYDROCHLORIDE	1798 OXYTETRACYCLINE HYDROCHLORIDE	
91798	109581 OXYTETRACYCLINE HYDROCHLORIDE, OTHER RELA	1798 OXYTETRACYCLINE HYDROCHLORIDE	other related
1799	50350 DIALIFOR	1799 DIALIFOR	
91799	50360 DIALIFOR, OTHER RELATED	1799 DIALIFOR	other related
1819	158050 2,3,5-TRICHLORO-4-(PROPYLSULFONYL) PYRIDINE	1819 2,3,5-TRICHLORO-4-(PROPYLSULFONYL) PYRIDINE	
91819	158060 2,3,5-TRICHLORO-4-(PROPYLSULFONYL)PYRIDINE, I	1819 2,3,5-TRICHLORO-4-(PROPYLSULFONYI other related	
5836	49010 DECYCLOHEXYL-4-HYDROXY HEXAZINONE	1871 HEXAZINONE	AI=hexazinone
1871	78650 HEXAZINONE	1871 HEXAZINONE	AI=hexazinone
5835	79757 2-HYDROXYCYCLOHEXYL HEXAZINONE	1871 HEXAZINONE	AI=hexazinone
5834	98462 MONOMETHYL HEXAZINONE	1871 HEXAZINONE	AI=hexazinone
1897	126350 PROFLURALIN	1897 PROFLURALIN	
91897	126375 PROFLURALIN, OTHER RELATED	1897 PROFLURALIN	other related
1898	151350 3,3,4,4-TETRACHLORO TETRAHYDROTHIOPHENE 1,	1898 3,3,4,4-TETRACHLORO TETRAHYDROTHIOPHENE 1,1-DIOXIDE	
91898	151375 3,3,4,4-TETRACHLOROTETRAHYDROTHIOPHENE 1,	1898 3,3,4,4-TETRACHLORO TETRAHYDROTI other related	
1963	71650 FENVALERATE	2321 ESFENVALERATE	Should be lumped with esf
91963	71675 FENVALERATE, OTHER RELATED	2321 ESFENVALERATE	other related
	67985 ESFENVALERATE	2321 ESFENVALERATE	missing from original list
1997	78020 (Z,E)-7,11-HEXADECADIEN-1-YL ACETATE	1997 (Z,E)-7,11-HEXADECADIEN-1-YL ACETATE	
91997	78022 (Z,E) 7,11-HEXADECADIEN-1-YL ACETATE, OTHER R	1997 (Z,E)-7,11-HEXADECADIEN-1-YL ACETA other related	
1998	78040 (Z,Z)-7,11-HEXADECADIEN-1-YL ACETATE	1997 (Z,E)-7,11-HEXADECADIEN-1-YL ACETATE	

91998	78042 (Z,Z) 7,11-HEXADECADIEN-1-YL ACETATE, OTHER R	1997 (Z,E)-7,11-HEXADECADIEN-1-YL ACETA other related	
2008	112300 PERMETHRIN	2008 PERMETHRIN	
92008	112350 PERMETHRIN, OTHER RELATED	2008 PERMETHRIN	other related
2075	91000 MEPIQUAT CHLORIDE	2075 MEPIQUAT CHLORIDE	
5832	91005 MEPIQUAT PENTABORATE	2075 MEPIQUAT CHLORIDE	
2093	113600 PHENOTHRIN	2093 PHENOTHRIN	
92093	113650 PHENOTHRIN, OTHER RELATED	2093 PHENOTHRIN	other related
2119	129300 RESMETHRIN	2119 RESMETHRIN	
92119	129350 RESMETHRIN, OTHER RELATED	2119 RESMETHRIN	other related
2147	126675 PROPAMOCARB	2147 PROPAMOCARB	
4022	126677 PROPAMOCARB HYDROCHLORIDE	2147 PROPAMOCARB	
2170	158117 TRICLOPYR, BUTOXYETHYL ESTER	2170 TRICLOPYR, BUTOXYETHYL ESTER	AI=TRICLOPYR
2131	158120 TRICLOPYR, TRIETHYLAMINE SALT	2170 TRICLOPYR, BUTOXYETHYL ESTER	AI=TRICLOPYR
5108	151410 (E)-TETRADECEN-1-OL	2209 (Z)-9-TETRADECENAL	related to (Z)-9-TETRADECENAL
5618	151415 Z-9-TETRADECEN-1-OL	2209 (Z)-9-TETRADECENAL	related to (Z)-9-TETRADECENAL
5022	151425 E-11-TETRADECEN-1-YL ACETATE	2209 (Z)-9-TETRADECENAL	related to (Z)-9-TETRADECENAL
5023	151430 Z-11-TETRADECEN-1-YL ACETATE	2209 (Z)-9-TETRADECENAL	related to (Z)-9-TETRADECENAL
2209	151450 (Z)-9-TETRADECENAL	2209 (Z)-9-TETRADECENAL	"parent"
6022	151414 Z-7-TETRADECEN-2-ONE	2209 (Z)-9-TETRADECENAL	related to (Z)-9-TETRADECENAL
2223	44125 CYFLUTHRIN	2223 CYFLUTHRIN	same active metabolite as bet
3956	44135 BETA-CYFLUTHRIN	2223 CYFLUTHRIN	same active metabolite as cyfl
2236	126200 PRODIAMINE	2236 PRODIAMINE	enriched stereoisomer of c
92236	126225 PRODIAMINE, OTHER RELATED	2236 PRODIAMINE	other related
2244	79730 HYDROPRENE	2244 HYDROPRENE	
1949	84150 KINOPRENE	KINOPRENE	different from hydroprene
3936	84175 (S)-KINOPRENE	KINOPRENE	different from hydroprene
2253	61615 Z-8-DODECENOL	2253 Z-8-DODECENOL	pheromone (excluded)
92253	61617 8-DODECENE-1-OL, OTHER RELATED	2253 Z-8-DODECENOL	other related
2252	61635 E-8-DODECENYL ACETATE	2253 Z-8-DODECENOL	pheromone (excluded)
2141	61650 (E)-9-DODECENYL ACETATE	2253 Z-8-DODECENOL	pheromone (excluded)
2251	61660 Z-8-DODECENYL ACETATE	2253 Z-8-DODECENOL	pheromone (excluded)
2142	61675 (Z)-9-DODECENYL ACETATE	2253 Z-8-DODECENOL	pheromone (excluded)
2254	175 ABAMECTIN	2254 ABAMECTIN	
92254	176 ABAMECTIN, OTHER RELATED	2254 ABAMECTIN	other related
2326	89550 MCPA	2326 MCPA	MCPA = AI
784	89600 MCPA, ALKANOLAMINE SALT	2326 MCPA	MCPA = AI
785	89700 MCPA, BUTOXYETHANOL ESTER	2326 MCPA	MCPA = AI
786	89800 MCPA, DIMETHYLAMINE SALT	2326 MCPA	MCPA = AI
5059	89850 MCPA, 2-ETHYL HEXYL ESTER	2326 MCPA	MCPA = AI
787	89900 MCPA, ISOOCXYL ESTER	2326 MCPA	MCPA = AI
788	90000 MCPA, SODIUM SALT	2326 MCPA	MCPA = AI
2340	81320 IMAZETHAPYR	2340 IMAZETHAPYR	AI=IMAZETHAPYR
2341	81321 IMAZETHAPYR, AMMONIUM SALT	2340 IMAZETHAPYR	AI=IMAZETHAPYR
5036	22650 BROMOXYNIL HEPTANOATE	2429 BROMOXYNIL PHENOL	heptanoate and octanoate both degrade to the phenol fo
834	22700 BROMOXYNIL OCTANOATE	2429 BROMOXYNIL PHENOL	heptanoate and octanoate both degrade to the phenol fo

2429	22750 BROMOXYNIL PHENOL	2429 BROMOXYNIL PHENOL	heptanoate and octanoate both degrade to the phenol fo
2739	103410 NONANOIC ACID	2739 NONANOIC ACID	
92739	103415 NONANOIC ACID, OTHER RELATED	2739 NONANOIC ACID	other related
2997	75620 GLYPHOSATE	2997 GLYPHOSATE	
5810	75625 GLYPHOSATE, DIAMMONIUM SALT	2997 GLYPHOSATE	
5972	75630 GLYPHOSATE, DIMETHYLAMINE SALT	2997 GLYPHOSATE	
1855	75650 GLYPHOSATE, ISOPROPYLAMINE SALT	2997 GLYPHOSATE	
2301	75675 GLYPHOSATE, MONOAMMONIUM SALT	2997 GLYPHOSATE	
5820	75685 GLYPHOSATE, POTASSIUM SALT	2997 GLYPHOSATE	
2275	75700 GLYPHOSATE, SODIUM SESQUI SALT	2997 GLYPHOSATE	
2327	75705 GLYPHOSATE-TRIMESIUM	2997 GLYPHOSATE	
2999	17240 BENTAZON	2999 BENTAZON	
1944	17250 BENTAZON, SODIUM SALT	2999 BENTAZON	
3010	49750 DELTAMETHRIN	3010 DELTAMETHRIN	major metabolite of tralomethrin
93010	49755 DELTAMETHRIN, OTHER RELATED	3010 DELTAMETHRIN	other related
3849	81341 IMIDACLOPRID	3849 IMIDACLOPRID	
5900	81342 IMIDACLOPRID GUANIDINE	3849 IMIDACLOPRID	
5901	81343 IMIDACLOPRID OLEFIN	3849 IMIDACLOPRID	
5902	81344 IMIDACLOPRID OLEFINIC-GUANIDINE	3849 IMIDACLOPRID	
5903	81345 IMIDACLOPRID UREA	3849 IMIDACLOPRID	
2171	44270 CYPERMETHRIN	3866 (S)-CYPERMETHRIN	
3866	44285 (S)-CYPERMETHRIN	3866 (S)-CYPERMETHRIN	
3995	72108 FIPRONIL	3995 FIPRONIL	AI=FIPRONIL
6039	50050 DESULFINYL FIPRONIL	3995 FIPRONIL	AI=FIPRONIL
6040	50051 DESULFINYL FIPRONIL AMIDE	3995 FIPRONIL	AI=FIPRONIL
6070	72109 FIPRONIL AMIDE	3995 FIPRONIL	AI=FIPRONIL
6037	72110 FIPRONIL SULFIDE	3995 FIPRONIL	AI=FIPRONIL
6038	72111 FIPRONIL SULFONE	3995 FIPRONIL	AI=FIPRONIL
4011	90750 MEFENOXAM	4011 MEFENOXAM	
94011	90752 MEFENOXAM, OTHER RELATED	4011 MEFENOXAM	other related
4037	15875 AZOXYSTROBIN	4037 AZOXYSTROBIN	
6066	15876 AZOXYSTROBIN ACID	4037 AZOXYSTROBIN	
6067	15877 AZOXYSTROBIN Z	4037 AZOXYSTROBIN	
5112	56125 DIMETHENAMID	5112 DIMETHENAMID	
5919	56126 DIMETHENAMID-P	5112 DIMETHENAMID	isomer of DIMETHENAMID
2311	71350 FENOXAPROP-ETHYL	5123 FENOXAPROP-P-ETHYL	FENOXAPROP-P-ETHYL=parent
5123	71355 FENOXAPROP-P-ETHYL	5123 FENOXAPROP-P-ETHYL	
1996	96425 METOLACHLOR	5133 S-METOLACHLOR	
5806	96426 METOLACHLOR ETHANE SULFONIC ACID	5133 S-METOLACHLOR	
5807	96427 METOLACHLOR OXOACETIC ACID	5133 S-METOLACHLOR	
5133	96435 S-METOLACHLOR	5133 S-METOLACHLOR	
5135	37820 CLOPYRALID	5135 CLOPYRALID	
5050	37825 CLOPYRALID, MONOETHANOLAMINE SALT	5135 CLOPYRALID	
2339	37835 CLOPYRALID, TRIETHYLAMINE SALT	5135 CLOPYRALID	
5750	55320 DIFLUFENZOPYR	5750 DIFLUFENZOPYR	

5751	55330 DIFLUFENZOPYR, SODIUM SALT	5750 DIFLUFENZOPYR	
5756	81000 IMAZAMOX	5756 IMAZAMOX	AI=imazamox
5757	81010 IMAZAMOX, AMMONIUM SALT	5756 IMAZAMOX	AI=imazamox
5768	72552 FLUROXYPYR	5768 FLUROXYPYR	AI=FLUROXYPYR
5918	72553 FLUROXYPYR, 1-METHYLHEPTYL ESTER	5768 FLUROXYPYR	AI=FLUROXYPYR
2186	72200 FLUAZIFOP-BUTYL	5815 FLUAZIFOP-P-BUTYL	FLUAZIFOP-P-BUTYL isomer
5815	72210 FLUAZIFOP-P-BUTYL	5815 FLUAZIFOP-P-BUTYL	
5927	10491 AMINOPYRALID	5927 AMINOPYRALID	
5928	10492 AMINOPYRALID, TRIISOPROPANOLAMINE SALT	5927 AMINOPYRALID	
	84550 LAMBDA-CYHALOTHRIN	2297 LAMBDA-CYHALOTHRIN	missing from original list
	74306 GAMMA-CYHALOTHRIN	2297 LAMBDA-CYHALOTHRIN	missing from original list