



Supplemental material for:

Examining the Regulatory Value of Multi-route Mammalian Acute Systemic Toxicity Studies

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Table A: Pesticide active substances used in oral-dermal concordance assessment

2,2-dibromo-3- nitrilopropionamide	calcium acid methanearsonate	Difenacoum
2-[(Hydroxymethyl)-amino]etanol	Carbetamide	Difenoconazole
2-Mercaptobenzothiazole (zinc salt)	Carboxin	Difenzoquat
2-phenylphenol	Chlorantraniliprole	Difethialone
4-aminopyridine	Chlordane	Diflubenzuron
4-Chlorophenoxy-acetic Acid	Chlordecone	Diflufenzopyr
4,4-Dimethyloxazolidine	Chlordimeform	Diiodomethyl p-tolyl sulfone
Acetamiprid	Chlorflurenol	Dimethipin
Acibenzolar-s-methyl	Chlorhexidine diacetate	Dimethoate
Acrinathrin	Chlorinated isocyanurates	Dimethoxane
Acrolein	Chlormequat	Diphacinone
Adbac	p-Chloro-m-cresol	Diphenylamine
Aldrin	Chlorohydrin-alpha	Dipropylene Glycol
Aliphatic Alkyl Quaternaries	Chloroneb	Disodium octaborate tetrahydrate
Aliphatic Solvents	Chlorophacinoneq	Disodium cyanodithioimido- carbonate
Alkyl amine hydrochloride	Chloroxyleneol	disodium methanearsonate
1-(2-hydroxyethyl)-2-alkyl-2-imidazoline	Chlorsulfuron	Disodium tetraborate
Alkyl trimethylenediamines	Clethodim	Disulfoton
Alkylbenzene Sulfonates	Clofencet	Dithianon
Allethrin	Clofentezine	Dodine
Aluminum phosphide	Cloransulam-methyl	Dowicil®CTAC
Alphachloralose	Clothianidin	Endrin
Ametryn	Coumaphos	EPTC
Aminopyralid	Coumatetralyl	Esbiol
Ammonium Thiosulfate	Creosote oil (P1/P13 fraction)	Ethalfuralin
Ancymidol	Cryolite	Etofenprox
Asulam sodium	Cyanamide	Etridiazole
Azadioxabicyclooctane	Cyazofamid	Fenamidone
Barium metaborate	Cycloxydim	Fenazaquin
Benzisothiazoline-3-one	Cycloate	Fenbuconazole
Benzoic acid	Cyflufenamid	Fenbutatin oxide
Bifenazate	Cymoxanil	Fenoxycarb
Bifenthrin	Cyazofamid	Flonicamid
Bioallethrin	Cyclanilide	Florasulam
Biobor	Cyhalothrin-lambda	Fluazifop
Bis(trichloromethyl) sulfone	Cyproconazole	Flubendiamide
Bitertanol	Cyprodinil	Flucarbazone-sodium
Boric acid	Dazomet	Flufenoxuron
Boric oxide	DEET	Flumetralin
Boscalid	Denatonium benzoate	Fluometuron
Brodifacoum	dibromodicyanobutane	Fluopicolide
Bromacil	Dicamba	Fluroxypyr
Bromadiolone	Dichlobenil	Fluquinconazole
Bromethalin	Dichlorobenzoic acid methylester	Flurochloridone
Bromohydroxy- acetophenone	Diclofop	Fluthiacet-methyl
Bromoxynil heptanoate	Dicloran	Foramsulfuron
Bromoxynil octanoate	Dichlorofluanid	Furfural
Bupirimate	Dicofol	Gibberellic Acid
Busan 77	Dicrotophos	Glufosinate ammonium
Butralin	Didecyldimethylammonium chloride	Glutaraldehyde
Butylate	Dieldrin	Grotan
cacodylic acid	Diethofencarb	Guazatine

**Table A: Pesticide active substances used in oral-dermal concordance assessment**

Heptamaloxyloglucan	Nuosept 145®	Siduron
Hexadecadienol acetates	o-benzyl-chlorophenol	Silver (sildate)
Hexazinone	OBPA	Silthiofam
Hexythiazox	octhilinone	Sintofen
Hydramethylnon	Sulfonated oleic acid, sodium salt	Sodium Acifluorfen
Hydrogen peroxide	Organic esters of phosphoric acid	Sodium chlorate
Hydroxyethyl octyl sulfide	Orthosulfamuron	Sodium Cyanide
Hydroxypropyl methanethiosulfonate	Oryzalin	Sodium diacetate
Imazaquin	Oxadiazon	Sodium Fluoride
Imiprothrin	Oxyfluorfen	Sodium Fluoroacetate
Indoxacarb	p-dichlorobenzene	Sodium U-nitroguaiacolate
Iodine	Paclobutrazol	Sodium o-nitrophenolate
Iodomethane	Paranitrophenol	Sodium p-nitrophenolate
IPBC	Pebulate	Sodium Omadine
Ipconazole	Pencycuron	Spirotetramat
Iprovalicarb	Pentachloronitrobenzene	Starlicide
Iron salts	Pentachlorophenol	Strychnine
Isobenzan	Periplanone B	Sulfentrazone
Isoxaben	Permethrin	Sulfur
K-HDO	Phorate	sumithrin
Kelevan	Picaridin	Tau-fluvalinate
Laminarin	Picloram	TCMTB
Lenacil	Picolinafen	Tebufenozide
Lithium hypochlorite	Pine oil	Tebufenpyrad
Lithium perfluorooctane sulfonate	Pinoxaden	Tebuthiuron
Macleaya extract	Piperalin	Teflubenzuron
Magnesium phosphide	Piperonyl Butoxide	Tefluthrin
Mandipropamid	Polybutene	Terbacil
Mepiquat	polyhexamethylenebiguanide	Terbufos
Meptyldinocap	Potassium hydrogen carbonate	Tembotrione
Mesotrione	Potassium iodide	Terbuthylazine
Mesosulfuron-methyl	Potassium peroxymonosulfate sulfate	Tetrachlorvinphos
Metaldehyde	Potassium thiocyanate	Tetradifon
Metam-sodium	Prochloraz	Tetramethrin
Metamitron	Propachlor	Thallium (I) sulfate
Metazachlor	Propanil	Thiacloprid
Methoprene	Propaquizafop	Thiazopyr
Methyl nonyl ketone	Propargite	Thidiazuron
Methylneodecanamide-N	Polypropylene Glycol	Thiobencarb
Methyl Parathion	Prometon	Thiram
Methylene bis(thiocyanate)	Prometryn	Topramezone
Methylisothiazolinone	Propachlor	Triadimefon
Metofluthrin	Propanil	Triallate
Metolachlor	propargite	Triazoxide
Metolachlor-S	Propetamphos	Tribufos
Metosulam	Propoxur	Trichloromelamine
Mirex	Proquinazid	Triclosan
Mitin FF	Putrescine	Trideceny Acetates
monosodium methanearsonate	Pynamin Forte	Triflumizole
Myclobutanil	Pyrasulfotole	Triflumuron
Nabam	Pyridaben	Triflusaluron
Naphthalene	Pyridalyl	Triforine
Naphthaleneacetic acid (acetamide)	Pyriproxyfen	Triphenyltin Hydroxide
Naphthaleneacetic acid (ethyl ester)	Pyroxsulam	tris(hydroxymethyl)nitromethane
Naptalam Sodium	Quinmerac	Xylenol
Niclosamide	Quizalofop-P-tefuryl	(Z)-9-Tricosene
Nicosulfuron	Resmethrin	Zinc Phosphide
Nicotine	Rotenone	Zinc oxide
Nitrapyrin	S-Kinoprene	Zeta-cypermethrin
norflurazon	Sabadilla Alkaloids	
Novaluron	Sethoxydim	

**Table B: Pesticide active substances used in oral-inhalation concordance assessment**

1,3-dichloropropene	Chlordane	Dodine
2,2-dibromo-3- nitrilopropionamide	Chlorhexidine diacetate	Dowicil®CTAC
2-[(Hydroxymethyl)-amino]etanol	Chloridazon	Endrin
4-aminopyridine	Chlordimeform	Epoxiconazole
4-Chlorophenoxy-acetic Acid	Chlorflurenol	EPTC
4,4-Dimethyloxazolidine	p-Chloro-m-cresol	Esbiol
Abamectin	Chlorohydrin-alpha	Ethalfuralin
Acequinocyl	Chlorophacinoneq	Ethephon
Acetamidrid	Chlorsulfuron	Etofenprox
Acetochlor	Clodinafop-propargyl	Fenamidone
Acibenzolar-s-methyl	Clofencet	Fenamiphos
Aclonifen	Clofentezine	Fenazaquin
Acrinathrin	Cloransulam-methyl	Fenbuconazole
Acrolein	Coumaphos	Fenbutatin oxide
Adbac	Coumatetralyl	Fenoxaprop
Aliphatic Alkyl Quaternaries	Creosote oil (P1/P13 fraction)	Fenoxycarb
Aluminum phosphide	Cyanamide	Fenpropidin
Alphachloralose	Cyazofamid	Fenpropimorph
Ammonium Thiosulfate	Cycloxydim	Fenpyroximate
Ancymidol	Cyflufenamid	Fipronil
Asulam sodium	Cymoxanil	Flonicamid
Azadioxabicyclooctane	Cyprondinil	Florasulam
Barium metaborate	Cyazofamid	Fluazifop
Benfluralin	Cyclanilide	Fluazinam
Benfuracarb	Cycloate	Flubendiamide
Bensulfuron	Cyhalofop-butyl	Flucarbazone-sodium
Benthiavalicarb	Cyhalothrin-lambda	Flufenoxuron
Benzothiazoline-3-one	Cymoxanil	Flumetralin
Benzoic acid	Cypermethrin	Fluometuron
Bifenazate	Cyproconazole	Fluoxastrobin
Bifenox	Cyprodinil	Fluroxypyr
Bifenthrin	Dazomet	Fluquinconazole
Bioallethrin	DEET	Flurochloridone
Bispyribac sodium	Denatonium benzoate	Fluthiacet-methyl
Bis(trichloromethyl) sulfone	dibromodicyanobutane	Flutolanil
Bitertanol	Dicamba	Folpet
Boric acid	Dichlobenil	Foramsulfuron
Boric oxide	Dichlorobenzoic acid methylester	Formetanate
Boscalid	Dicloran	Fosetyl-AL
Brodifacoum	Dichlorofluanid	Fuberidazole
Bromacil	Dicofol	Furfural
Bromadiolone	Dicrotophos	Gibberellic Acid
Bromethalin	Dieldrin	Glufosinate ammonium
Bromohydroxy- acetophenone	Difenacoum	Glutaraldehyde
Bromoxynil heptanoate	Difenoconazole	Grotan
Bromoxynil octanoate	Diflufenzopyr	Guazatine
Bromuconazole	Diiodomethyl p-tolyl sulfone	Heptamaloxyloglucan
Bupirimate	Dimethenamid-P	Hexazinone
Buprofezin	Dimethipin	Hexythiazox
Busan 77	Dimethoate	Hydrogen peroxide
Butralin	Dimethachlor	Hydroxypropyl methanethiosulfonate
Butylate	Dimethomorph	Hymexazol
Cacodylic acid	Dimethoxane	Imazaquin
Cadusafos	Dimoxystrobin	Imiprothrin
Calcium acid methanearsonate	Diphacinone	Iodine
Captan	Dipropylene Glycol	Ioxynil octanoate
Carbaryl	Disodium cyanodithioimido- carbonate	IPBC
Carbetamide	disodium methanearsonate	Ipconazole
Carbofuran	Disodium octaborate tetrahydrate	lprovalicarb
Carbosulfan	Disodium tetraborate	Iron salts
Carboxin	Dithianon	Isobenzan
Chlorantraniliprole	Diuron	Isoxaben

**Table B: Pesticide active substances used in oral-inhalation concordance assessment**

K-HDO	Phorate	Sodium o-nitrophenolate
Kelevan	Phosalone	Spirodiclofen
Laminarin	Phosmet	Spirotetramat
Lenacil	Picloram	Starlicide
Lithium perfluorooctane sulfonate	Pine oil	Strychnine
Macleaya extract	Piperalin	Sulcotrione
Malathion	Primicarb	Sulfentrazone
Mepiquat	Pinoxaden	Sulfur
Mesotrione	Piperonyl Butoxide	sumithrin
Mesosulfuron-methyl	Pirimiphos-methyl	Tebuconazole
Metaldehyde	Polybutene	Tebufenozide
Metamitron	polyhexamethylenebiguanide	Tebufenpyrad
Metconazole (cis:trans)	Potassium hydrogen carbonate	Tebuthiuron
Methiocarb	Potassium iodide	Tefluthrin
Methoprene	Potassium peroxymonosulfate sulfate	Tembotrione
Methyl bromide	Potassium thiocyanate	Terbuthylazine
Methyl nonyl ketone	Propachlor	Tetradifon
Methylneodecanamide-N	Propamocarb	Terbacil
Methylene bis(thiocyanate)	Propaquizafop	Terbufos
Methylisothiazolinone	Propiconazole	Tetrachlorvinphos
Metofluthrin	Prometon	Tetramethrin
Metolachlor-S	Propachlor	Thallium (I) sulfate
Metosulam	Propanil	Thiacloprid
Metrafenone	propargite	Thiamethoxam
Metribuzin	Propetamphos	Thiazopyr
Metsulfuron-methyl	Propoxur	Thiodicarb
Mirex	Propylene Oxide	Thiram
Mitin FF	Proquinazid	Tolclofos-methyl
Monosodium methanearsonate	Prosulfocarb	Tolyfluamid
Myclobutanil	Prothioconazole	Topramezone
Nabam	Putrescine	Tralkoxydim
Naphthalene	Pynamin Forte	Triallate
Naphthaleneacetic acid (ethyl ester)	Pyrasulfotole	Triadimefon
Naptalam Sodium	Pyridaben	Triadimenol
Niclosamide	Pyridalyl	Triazoxide
Nicotine	Pyrimethanil	Tribenuron-methyl
Nitrapyrin	Pyroxsulam	Tribufos
norflurazon	Quinmerac	Trichloromelamine
Novaluron	Quinoclamine	Triclopyr
o-benzyl-chlorophenol	Quizalofop-P-tefuryl	Triclosan
Organic esters of phosphoric acid	Resmethrin	Trideceny Acetates
Orthosulfamuron	Rimsulfuron	Triflumizole
Oryzalin	Rotenone	Triflumuron
Oxadiazon	S-Kinoprene	Trifluralin
Oxydemethon-methyl	Sabadilla Alkaloids	Triflusulfuron
Oxyfluorfen	Sethoxydim	Triforine
p-dichlorobenzene	Siduron	Trinexapac
Paclobutrazol	Silver (sildate)	tris(hydroxymethyl)nitromethane
Paranitrophenol	Silthiofam	Triticonazole
Pebulate	Sintofen	Vancide
Penconazole	Sodium Acifluorfen	Xylenol
Pencycuron	Sodium Fluoride	(Z)-9-Tricosene
Pentachloronitrobenzene	Sodium Fluoroacetate	Zinc Phosphide
Permethrin	Sodium 5-nitroguaiacolate	Zinc oxide