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Certificate of Analysis

Client Report For: MyExposome
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Project Name: MyExposome PO 222
Project Number: F19-37
Report Date: January 22 2020

QC Review

Date

FSES Director Approval: Kim A. Anderson

Date

Methodology:

SOP 428.02: Many Analyte Screen by Gas Chromatography-Mass Spectrometry and deconvolution software

Unit Conversions:

ppb = parts per billion
ppm = parts per million
ppt = parts per trillion
ng/g = ppb
ng/L = ppt
ng/mL = ppb
ng/ μ L = ppm
ng/g(Wristband) = ppb
pg/ μ L = ppb
 μ g/mL = ppm

Abbreviations:

J flag: Indicates lower precision in quantitation due to values near limits of detection or matrix effects.
B flag: The sample was background corrected.
U* flag: Indicates confirmed presence of the chemical but inability to quantify due to matrix interference.
Y flag: Indicates a chemical is present but quantitation is not possible.
< 123.45 U: Detection limit, indicates value was below limit of detection.

COA Notes:

40 total samples were submitted by client. A total of 40 samples were analyzed.

Quality Control Summary:

Continuing calibration verification (CV) solution analyses were performed at the start and end of every analytical batch. A total of 11 CVs were analyzed as part of the complete project; in 10 cases, CVs met FSES data quality objectives (DQOs) of >70% compound detection frequency, retention time standard within DQO window, >60% of compounds detected within 2.5X of true concentration. 1 CV did not meet FSES DQOs with 54% of target analytes detected within 2.5X of true concentration.

During the analysis of samples for this project a total of 13 IBs were analyzed, in all cases IBs met FSES DQOs for all target analytes. Briefly, all target analytes in all IBs are below the method limits of quantitation.

To demonstrate instrument precision a duplicate analysis was performed during the project. Across all detected analytes the average relative percent difference (RPD) was 8.4%.

To assess instrument accuracy samples were spiked with target compounds prior to additional clean-up. Average percent recovery was 334%.

A post deployment cleaning blank was run with this project. This QC sample did contain a hit for bis(2-ethylhexyl)phthalate and a low level hit of Di-n-butyl Phthalate.

Two solid phase extraction blanks were run with this project. No target analytes were detected in these QC samples.

Client Sample Name:	A000009YC		Test Method:	MASIV-1500 analyte method	
FSES Sample ID:	A191383		Date Received:	08/27/19	
Client location:			Matrix:	Passive Sampling Device - Personal	

Chemical Name	Molar Concentration (mMol/WB)	Chemical Name	Molar Concentration (mMol/WB)
a-Ionone	2.44e-006	Di-n-nonyl phthalate	3.58e-006
b-Ionone	6.24e-006	Di-n-octyl phthalate	0.000358
Benzyl benzoate	3.72e-005	Diisobutyl phthalate	3.02e-005
benzyl salicylate	0.000184	Ethylene brassylate	0.000329
Bis(2-ethylhexyl)phthalate	0.000307	Fenobucarb	1.25e-006
Butyl benzyl phthalate	5.12e-006	Galaxolide	0.000182
Butylated hydroxyanisole	6.62e-007	lilial	2.84e-005
butylated hydroxytoluene	2.95e-007	Linalool	9.72e-006
Cashmeran	8.72e-006	N,N-Diethyl-m-toluamide	0.000188
Coumarin	3.01e-006	Permethrin	8.94e-006
Di-n-butyl phthalate	1.8e-005	Tonalide	2.24e-006
Di-n-hexyl phthalate	7.18e-007		

Client Sample Name:	A000009YB		Test Method:	MASIV-1500 analyte method	
FSES Sample ID:	A191384		Date Received:	08/27/19	
Client location:			Matrix:	Passive Sampling Device - Personal	
Chemical Name	Molar Concentration (mMol/WB)	Chemical Name	Molar Concentration (mMol/WB)		
4-tert-butylphenol	2e-006	Di-n-butyl phthalate	1.9e-005		
b-citronellol	4.22e-006	Di-n-nonyl phthalate	1.36e-006		
b-lonone	5.2e-007	Diethyl phthalate	7.2e-006		
Benzo(a)pyrene-7,8-dione	1.45e-006	Diisobutyl phthalate	2.23e-005		
Benzophenone	5.49e-006	Ethylene brassylate	5.18e-007		
benzyl salicylate	6.13e-005	Galaxolide	7.74e-006		
Bis(2-ethylhexyl)phthalate	0.000307	lilial	1.42e-006		
Butyl benzyl phthalate	6.4e-006	N,N-Diethyl-m-toluamide	5.23e-006		
Butylated hydroxyanisole	8.83e-007	TCPP	4.27e-006		
butylated hydroxytoluene	3.09e-007	Tonalide	1.43e-006		
Citral A	4.73e-006	Tributyl phosphate	1.28e-006		

Client Sample Name: A000009YF		Test Method: MASIV-1500 analyte method	
FSES Sample ID: A191385		Date Received: 08/27/19	
Client location:		Matrix: Passive Sampling Device - Personal	
Chemical Name	Molar Concentration (mMol/WB)	Chemical Name	Molar Concentration (mMol/WB)
2,4-di-tert-butylphenol	1.45e-006	Di-n-nonyl phthalate	1.34e-005
amyl cinnamal	1.48e-005	Ethylene brassylate	0.000518
b-Ionone	7.28e-006	Fenobucarb	2.85e-006
Benzo(a)pyrene-7,8-dione	7.09e-006	Galaxolide	0.000387
Benzophenone	1.76e-005	guaiacol	1.45e-005
Benzothiazole	1.11e-006	lilial	7.83e-006
Butyl benzyl phthalate	2.56e-005	N,N-Diethyl-m-toluamide	1.88e-005
Butylated hydroxyanisole	2.76e-006	Permethrin II	0.000332
butylated hydroxytoluene	5.45e-006	Phthalimide	3.33e-005
Citral A	3.88e-005	Terbucarb	1.08e-006
Coumarin	2.87e-006	Tonalide	2.98e-006
Di-n-butyl phthalate	4.31e-005		

Client Sample Name: A000009YD		Test Method: MASIV-1500 analyte method	
FSES Sample ID: A191386		Date Received: 08/27/19	
Client location:		Matrix: Passive Sampling Device - Personal	
Chemical Name	Molar Concentration (mMol/WB)	Chemical Name	Molar Concentration (mMol/WB)
1,6-dimethylnaphthalene	7.04e-008	Di-n-nonyl phthalate	8.12e-006
1-methylnaphthalene	1.27e-007	Di-n-octyl phthalate	2.82e-006
amyl cinnamal	8.9e-006	Diethyl phthalate	9e-006
b-citronellol	3.46e-006	Diisobutyl phthalate	9.34e-006
Benzophenone	1.1e-006	Ethofenprox	1.81e-006
Benzyl benzoate	6.13e-005	Ethylene brassylate	4.81e-005
benzyl salicylate	3.81e-005	Galaxolide	3.87e-005
Bis(2-ethylhexyl)phthalate	0.000307	lilial	3.08e-006
Butyl benzyl phthalate	8.64e-006	N,N-Diethyl-m-toluamide	3.5e-005
butylated hydroxytoluene	2.41e-007	Permethrin	8.69e-006
Citral A	1.58e-006	Permethrin II	1.15e-005
Di-n-butyl phthalate	2.84e-005	TCPP	5.8e-007
Di-n-hexyl phthalate	4.19e-007	Tonalide	8.13e-007

Client Sample Name:	A000009Y9		Test Method:	MASIV-1500 analyte method	
FSES Sample ID:	A191387		Date Received:	08/27/19	
Client location:			Matrix:	Passive Sampling Device - Personal	
Chemical Name	Molar Concentration (mMol/WB)	Chemical Name	Molar Concentration (mMol/WB)		
4-tert-butylphenol	3.53e-006	Di-n-hexyl phthalate	6.58e-006		
b-citronellol	4.29e-006	Di-n-nonyl phthalate	5.26e-006		
Benzophenone	2.36e-006	Dicyclohexyl phthalate	8.78e-006		
Bioallethrin	7.27e-007	Ethofenprox	1.67e-006		
Bis(2-ethylhexyl)phthalate	0.000307	Ethylene brassylate	7.03e-005		
Butyl benzyl phthalate	1.92e-006	Galaxolide	5.03e-006		
Butylated hydroxyanisole	6.62e-007	indole	3.93e-006		
butylated hydroxytoluene	4.99e-007	lilial	1.37e-005		
Citral A	9.2e-007	N,N-Diethyl-m-toluamide	7.84e-005		
Di-n-butyl phthalate	1.29e-005	Permethrin II	9.71e-007		

Client Sample Name:	A000008CY		Test Method:	MASIV-1500 analyte method	
FSES Sample ID:	A191388		Date Received:	08/27/19	
Client location:			Matrix:	Passive Sampling Device - Personal	
Chemical Name	Molar Concentration (mMol/WB)	Chemical Name	Molar Concentration (mMol/WB)		
b-citronellol	4.86e-006	Dicyclohexyl phthalate	2.27e-006		
Benzophenone	1.48e-006	Diethyl phthalate	0.000229		
Benzyl benzoate	0.00025	Diisobutyl phthalate	1.62e-005		
benzyl salicylate	1.36e-005	Ethylene brassylate	3.22e-005		
Butyl benzyl phthalate	1.79e-005	Eugenol	5.24e-006		
Butylated hydroxyanisole	9.93e-007	Galaxolide	0.000464		
butylated hydroxytoluene	1.18e-006	lilial	9.3e-005		
Citral A	6.57e-006	Permethrin II	1.1e-006		
Di-n-butyl phthalate	2.77e-005	Tonalide	1.08e-006		

Client Sample Name:	A000008CQ		Test Method:	MASIV-1500 analyte method	
FSES Sample ID:	A191389		Date Received:	08/27/19	
Client location:			Matrix:	Passive Sampling Device - Personal	
Chemical Name	Molar Concentration (mMol/WB)		Chemical Name	Molar Concentration (mMol/WB)	
amyl cinnamal	1.38e-005		Di-n-butyl phthalate	0.000187	
b-citronellol	3.71e-006		Di-n-hexyl phthalate	3.29e-006	
b-lonone	1.82e-006		Diisobutyl phthalate	0.000101	
Benzophenone	3.95e-006		Dimethyl phthalate	4.69e-006	
Benzyl benzoate	4.62e-005		Ethylene brassylate	0.00034	
benzyl salicylate	5.26e-005		Galaxolide	6.58e-005	
Bis(2-ethylhexyl)phthalate	0.0021		lilial	2.35e-005	
Butyl benzyl phthalate	5.12e-006		Permethrin	1.02e-006	
Butylated hydroxyanisole	1.66e-006		Permethrin II	3.58e-006	
butylated hydroxytoluene	4.08e-006		Tonalide	1.93e-005	
Coumarin	9.58e-007				

Client Sample Name:	A000009YE		Test Method:	MASIV-1500 analyte method	
FSES Sample ID:	A191390		Date Received:	08/27/19	
Client location:			Matrix:	Passive Sampling Device - Personal	
Chemical Name	Molar Concentration (mMol/WB)		Chemical Name	Molar Concentration (mMol/WB)	
1-methylnaphthalene	2.04e-007		Di-n-nonyl phthalate	4.54e-006	
amyl cinnamal	2.13e-006		Diethyl phthalate	8.55e-006	
Benzophenone	2.63e-006		Diisobutyl phthalate	2.48e-005	
Benzyl benzoate	0.000118		Dimethyl phthalate	3.35e-006	
benzyl salicylate	4.82e-005		Ethylene brassylate	1.11e-005	
Bis(2-ethylhexyl)phthalate	0.000384		Galaxolide	4.26e-005	
Butyl benzyl phthalate	1.34e-005		lilial	7.34e-006	
Butylated hydroxyanisole	1.27e-006		N,N-Diethyl-m-toluamide	7.84e-006	
butylated hydroxytoluene	6.35e-007		Permethrin	1.48e-005	
Citral A	1.84e-006		TCPP	3.05e-006	
Coumarin	3.9e-006		Tonalide	7.74e-006	
Di-n-butyl phthalate	3.48e-005				

Client Sample Name:	A000009Y4		Test Method:	MASIV-1500 analyte method	
FSES Sample ID:	A191391		Date Received:	08/27/19	
Client location:			Matrix:	Passive Sampling Device - Personal	
Chemical Name	Molar Concentration (mMol/WB)		Chemical Name	Molar Concentration (mMol/WB)	
2,4-di-tert-butylphenol	4.85e-007		Diisobutyl phthalate	2.55e-005	
2-methylnaphthalene	1.27e-007		Ethylene brassylate	3e-005	
b-citronellol	7.04e-006		Exaltolide [15-Pentadecanolide]	4.16e-005	
Benzophenone	7.13e-006		Galaxolide	1.16e-005	
Benzyl benzoate	3.63e-005		lilial	1.42e-005	
benzyl salicylate	6.13e-005		lyral	3.76e-006	
Bis(2-ethylhexyl)phthalate	0.00151		N,N-Diethyl-m-toluamide	0.000246	
Butyl benzyl phthalate	0.000231		Permethrin	1.48e-005	
butylated hydroxytoluene	6.35e-007		Permethrin II	1.2e-005	
Citral A	2.96e-006		Phthalimide	2.85e-006	
Di-n-butyl phthalate	4.67e-005		Tonalide	2.48e-007	
Dicyclohexyl phthalate	4.24e-006				

Client Sample Name:	A000008CU		Test Method:	MASIV-1500 analyte method	
FSES Sample ID:	A191392		Date Received:	08/27/19	
Client location:			Matrix:	Passive Sampling Device - Personal	
Chemical Name	Molar Concentration (mMol/WB)		Chemical Name	Molar Concentration (mMol/WB)	
2,4-di-tert-butylphenol	5.33e-007		Diisobutyl phthalate	1.65e-005	
amyl cinnamal	1.53e-005		Ethofenprox	4.52e-005	
b-Ionone	2.91e-006		Ethylene brassylate	0.000629	
Benzophenone	2.69e-006		Exaltolide [15-Pentadecanolide]	0.000108	
Benzyl benzoate	1.84e-005		Galaxolide	9.29e-005	
benzyl salicylate	0.00021		lilial	8.32e-005	
Bis(2-ethylhexyl)phthalate	0.000358		Linalool	1.88e-006	
Butyl benzyl phthalate	1.44e-005		N,N-Diethyl-m-toluamide	0.000784	
Butylated hydroxyanisole	3.53e-006		Permethrin	1.05e-006	
butylated hydroxytoluene	5.9e-006		Tonalide	2.17e-005	
Di-n-nonyl phthalate	6.93e-006				

Client Sample Name:	A000008CZ		Test Method:	MASIV-1500 analyte method	
FSES Sample ID:	A191393		Date Received:	08/27/19	
Client location:			Matrix:	Passive Sampling Device - Personal	
Chemical Name	Molar Concentration (mMol/WB)		Chemical Name	Molar Concentration (mMol/WB)	
1-methylnaphthalene	1.97e-007		Diisobutyl phthalate	6.11e-006	
amyl cinnamal	8.4e-006		Ethylene brassylate	4.07e-005	
b-citronellol	3.01e-006		Galaxolide	3.6e-005	
Benzophenone	4.88e-006		lilial	1.08e-005	
benzyl salicylate	1.58e-005		N,N-Diethyl-m-toluamide	0.000146	
Butyl benzyl phthalate	3.2e-005		naphthalene	2.5e-007	
Butylated hydroxyanisole	1.21e-006		Permethrin	3.83e-007	
butylated hydroxytoluene	6.81e-007		TCPP	6.11e-006	
Citral A	6.24e-006		Tonalide	1.24e-005	
Di-n-butyl phthalate	1.22e-005				

Client Sample Name:	A00000C8F		Test Method:	MASIV-1500 analyte method	
FSES Sample ID:	A191394		Date Received:	08/27/19	
Client location:			Matrix:	Passive Sampling Device - Personal	
Chemical Name	Molar Concentration (mMol/WB)		Chemical Name	Molar Concentration (mMol/WB)	
Benzophenone	3.79e-006		Diisobutyl phthalate	0.000431	
Benzyl cinnamate	1.85e-006		Dimethyl phthalate	8.75e-007	
benzyl salicylate	1.71e-005		Exaltolide [15-Pentadecanolide]	8.74e-005	
Bis(2-ethylhexyl)phthalate	0.00164		Galaxolide	5.81e-006	
Butyl benzyl phthalate	3.52e-005		N,N-Diethyl-m-toluamide	2.51e-005	
Butylated hydroxyanisole	7.17e-007		Permethrin	0.000248	
Citral A	3.22e-006		Pyriproxyfen	5.91e-006	
Di-n-butyl phthalate	3.52e-005		TCPP	0.000366	
Di-n-octyl phthalate	1.43e-005		Tonalide	4.26e-007	
Dicyclohexyl phthalate	3.03e-006				

Client Sample Name:	A000008CM		Test Method:	MASIV-1500 analyte method	
FSES Sample ID:	A191395		Date Received:	08/27/19	
Client location:			Matrix:	Passive Sampling Device - Personal	

Chemical Name	Molar Concentration (mMol/WB)	Chemical Name	Molar Concentration (mMol/WB)
amyl cinnamal	2.57e-006	Di-n-nonyl phthalate	2.39e-005
Benzophenone	5.49e-006	Diisobutyl phthalate	8.62e-005
Benzyl benzoate	1.79e-005	Galaxolide	3.37e-005
benzyl salicylate	2.58e-005	lilial	1.42e-006
Bis(2-ethylhexyl)phthalate	0.00151	N,N-Diethyl-m-toluamide	7.84e-005
Butyl benzyl phthalate	1.34e-005	Permethrin	4.6e-006
butylated hydroxytoluene	3.45e-007	Permethrin II	9.97e-007
Citral A	2.96e-006	Phthalimide	4.69e-006
Di-n-butyl phthalate	4.31e-005	Tonalide	3.87e-006
Di-n-hexyl phthalate	6.58e-006		

Client Sample Name:	A000008CW		Test Method:	MASIV-1500 analyte method	
FSES Sample ID:	A191396		Date Received:	08/27/19	
Client location:			Matrix:	Passive Sampling Device - Personal	
Chemical Name	Molar Concentration (mMol/WB)	Chemical Name	Molar Concentration (mMol/WB)		
2,4-bis(alpha,alpha-dimethylbenzyl)phenol	3.63e-007	Diethyl phthalate	6.75e-006		
4-chloro-3,5-dimethylphenol	2.36e-006	Diisobutyl phthalate	1.72e-005		
b-citronellol	4.8e-006	Ethylene brassylate	0.000285		
benzyl salicylate	7.01e-005	Galaxolide	7.35e-006		
Butyl benzyl phthalate	3.2e-006	lilial	7.34e-005		
Butylated hydroxyanisole	1.6e-006	Linalool	1.43e-006		
butylated hydroxytoluene	2.59e-006	N,N-Diethyl-m-toluamide	2.93e-006		
Carvone	2.8e-006	Permethrin II	9.71e-006		
cinnamal	5.75e-007	TCCP	1.4e-005		
Citral A	4.34e-006	Tonalide	8.9e-007		
Di-n-butyl phthalate	1.51e-005	Tributyl phosphate	1.58e-006		
Di-n-nonyl phthalate	3.11e-006	Triethyl phosphate	1.48e-006		

Client Sample Name:	A000008CL		Test Method:	MASIV-1500 analyte method	
FSES Sample ID:	A191397		Date Received:	08/27/19	
Client location:			Matrix:	Passive Sampling Device - Personal	
Chemical Name	Molar Concentration (mMol/WB)		Chemical Name	Molar Concentration (mMol/WB)	
a-Ionone	6.24e-006		Di-n-butyl phthalate	3.95e-005	
b-citronellol	3.33e-006		Diethyl phthalate	9.45e-006	
b-Ionone	1.66e-006		Diisobutyl phthalate	0.000144	
Benzophenone	2.09e-006		Ethylene brassylate	6.66e-006	
Benzyl benzoate	9.89e-006		Galaxolide	7.74e-006	
benzyl salicylate	3.59e-005		indole	2.82e-006	
Butyl benzyl phthalate	3.11e-005		N,N-Diethyl-m-toluamide	2.09e-006	
Butylated hydroxyanisole	2.04e-006		TCPP	4.88e-006	
butylated hydroxytoluene	3.68e-006		Tonalide	1.32e-007	
Citral A	2.76e-006				

Client Sample Name:	A000009YV		Test Method:	MASIV-1500 analyte method	
FSES Sample ID:	A191398		Date Received:	08/27/19	
Client location:			Matrix:	Passive Sampling Device - Personal	
Chemical Name	Molar Concentration (mMol/WB)		Chemical Name	Molar Concentration (mMol/WB)	
1-methylnaphthalene	4.92e-007		Di-n-nonyl phthalate	7.88e-006	
amyl cinnamal	1.14e-005		Diethyl phthalate	1.57e-005	
anthracene	4.94e-007		Diisobutyl phthalate	2.69e-005	
Benzyl benzoate	0.000132		Ethofenprox	1.06e-005	
benzyl salicylate	5.7e-005		Ethylene brassylate	2.44e-005	
Bifenthrin	3.07e-007		Galaxolide	7.74e-005	
Bis(2-ethylhexyl)phthalate	0.00154		lilial	1.27e-005	
Butyl benzyl phthalate	5.12e-006		Linalool	1.43e-005	
Butylated hydroxyanisole	7.17e-007		Permethrin II	6.13e-005	
butylated hydroxytoluene	1.41e-005		Piperonyl butoxide	5.61e-006	
Citral A	2.1e-006		TCPP	7.33e-007	
d-Limonene	5.58e-006		Tonalide	4.64e-006	
Di-n-butyl phthalate	4.31e-005				

Client Sample Name:	A000008CK		Test Method:	MASIV-1500 analyte method	
FSES Sample ID:	A191399		Date Received:	08/27/19	
Client location:			Matrix:	Passive Sampling Device - Personal	
Chemical Name	Molar Concentration (mMol/WB)		Chemical Name	Molar Concentration (mMol/WB)	
4-tert-butylphenol	4.19e-006		Di-n-nonyl phthalate	7.88e-006	
amyl cinnamal	9.39e-006		Dicyclohexyl phthalate	5.75e-006	
anthracene	6.17e-008		Diethyl phthalate	8.55e-006	
b-citronellol	7.04e-006		Diisobutyl phthalate	1.22e-005	
Benzyl benzoate	2.73e-005		Dimethyl phthalate	1.18e-006	
benzyl salicylate	1.4e-005		Ethylene brassylate	1.26e-005	
Bis(2-ethylhexyl)phthalate	0.00202		Galaxolide	8.9e-006	
Butyl benzyl phthalate	2.88e-005		lilial	8.81e-006	
butylated hydroxytoluene	3.54e-007		N,N-Diethyl-m-toluamide	5.75e-006	
Citral A	2.76e-006		Tonalide	2.79e-006	
Di-n-butyl phthalate	1.69e-005		Tributyl phosphate	1.31e-005	
Di-n-hexyl phthalate	1.88e-006				

Client Sample Name:	A000008D0		Test Method:	MASIV-1500 analyte method	
FSES Sample ID:	A191400		Date Received:	08/27/19	
Client location:			Matrix:	Passive Sampling Device - Personal	
Chemical Name	Molar Concentration (mMol/WB)	Chemical Name	Molar Concentration (mMol/WB)		
4-chloro-3,5-dimethylphenol	5.87e-006	Di-n-butyl phthalate	2.16e-005		
amyl cinnamal	1.09e-005	Di-n-nonyl phthalate	0.000236		
b-Ionone	1.61e-006	Diisobutyl phthalate	2.16e-005		
Benzophenone	1.81e-006	Ethylene brassylate	3.66e-005		
Benzyl benzoate	8.48e-005	Farnesol IV	9.89e-006		
benzyl salicylate	0.000175	Galaxolide	1.82e-005		
Bis(2-ethylhexyl)phthalate	0.00223	lilial	3.38e-006		
Butyl benzyl phthalate	1.95e-005	N,N-Diethyl-m-toluamide	5.75e-006		
Butylated hydroxyanisole	6.62e-007	Permethrin	1.58e-006		
butylated hydroxytoluene	1.13e-006	TCCP	1.83e-006		
Citral A	9.2e-006	Tonalide	1.78e-006		

Client Sample Name:	A00000C8G		Test Method:	MASIV-1500 analyte method	
FSES Sample ID:	A191401		Date Received:	08/27/19	
Client location:			Matrix:	Passive Sampling Device - Personal	
Chemical Name	Molar Concentration (mMol/WB)	Chemical Name	Molar Concentration (mMol/WB)		
amyl cinnamal	3.71e-006	Di-n-octyl phthalate	0.000177		
b-citronellol	4.86e-006	Diisobutyl phthalate	5.03e-005		
Benzophenone	4.01e-006	Dimethyl phthalate	2.68e-006		
Benzyl benzoate	4.19e-005	Ethofenprox	5.84e-006		
benzyl salicylate	0.000127	Ethylene brassylate	0.000115		
Bis(2-ethylhexyl)phthalate	0.000307	Galaxolide	3.56e-005		
Butyl benzyl phthalate	3.84e-005	lilial	4.06e-006		
Butylated hydroxyanisole	1.32e-006	N,N-Diethyl-m-toluamide	3.24e-006		
butylated hydroxytoluene	1.23e-006	Permethrin	0.000281		
Citral A	7.23e-006	Pyriproxyfen	6.85e-006		
Coumarin	1.37e-006	TCP	0.000205		
Di-n-butyl phthalate	5.03e-005	Tonalide	2.4e-006		
Di-n-hexyl phthalate	1.61e-006	Tributyl phosphate	1.99e-006		
Di-n-nonyl phthalate	6.69e-006	Triethyl phosphate	9.33e-007		

Client Sample Name:	A000008D1		Test Method:	MASIV-1500 analyte method	
FSES Sample ID:	A191402		Date Received:	08/27/19	
Client location:			Matrix:	Passive Sampling Device - Personal	
Chemical Name	Molar Concentration (mMol/WB)		Chemical Name	Molar Concentration (mMol/WB)	
b-citronellol	7.04e-006		Diisobutyl phthalate	1.9e-005	
Benzophenone	1.59e-006		Ethylene brassylate	8.88e-005	
Benzyl benzoate	9.89e-006		Exaltolide [15-Pentadecanolide]	2.08e-005	
benzyl salicylate	1.75e-005		Galaxolide	1.39e-006	
Butyl benzyl phthalate	2.53e-005		lilial	2.1e-006	
Citral A	9.2e-006		Permethrin	2.07e-006	
Di-n-butyl phthalate	3.05e-005		TCPP	4.58e-006	
Di-n-nonyl phthalate	5.73e-006		Tonalide	2.71e-007	
Dicyclohexyl phthalate	3.03e-006				

Client Sample Name:	A000009Y1		Test Method:	MASIV-1500 analyte method	
FSES Sample ID:	A191403		Date Received:	08/27/19	
Client location:			Matrix:	Passive Sampling Device - Personal	
Chemical Name	Molar Concentration (mMol/WB)		Chemical Name	Molar Concentration (mMol/WB)	
amyl cinnamal	3.41e-005		Coumarin	1.16e-006	
b-Ionone	2.96e-006		Di-n-butyl phthalate	2.19e-005	
Benzophenone	2.41e-006		Di-n-hexyl phthalate	2.48e-006	
Benzyl benzoate	8.48e-005		Dicyclohexyl phthalate	2.6e-005	
benzyl salicylate	0.000131		Diisobutyl phthalate	1.4e-005	
Bis(2-ethylhexyl)phthalate	0.00174		Ethofenprox	2.26e-005	
Butyl benzyl phthalate	1.02e-005		Ethylene brassylate	3.33e-005	
Butylated hydroxyanisole	2.81e-006		Galaxolide	0.00017	
butylated hydroxytoluene	3.09e-006		lilial	2.06e-005	
Carvone	2.8e-006		Permethrin	2.4e-005	
Citral A	2.63e-006		TCPP	6.11e-005	

Client Sample Name:	A000009YT		Test Method:	MASIV-1500 analyte method	
FSES Sample ID:	A191404		Date Received:	08/27/19	
Client location:			Matrix:	Passive Sampling Device - Personal	
Chemical Name	Molar Concentration (mMol/WB)		Chemical Name	Molar Concentration (mMol/WB)	
4-tert-butylphenol	1.6e-006		Di-n-butyl phthalate	2.73e-005	
b-Ionone	7.8e-006		Di-n-nonyl phthalate	2.87e-006	
Benzophenone	2.52e-006		Diethyl phthalate	0.000436	
Benzyl alcohol	4.07e-006		Diisobutyl phthalate	1.76e-005	
Benzyl benzoate	0.000471		Ethylene brassylate	0.000999	
benzyl salicylate	0.000421		Farnesol I	2.2e-005	
Bis(2-ethylhexyl)phthalate	0.00174		Galaxolide	0.00036	
Butyl benzyl phthalate	6.72e-006		hydroxy-citronellal	6.39e-005	
Butylated hydroxyanisole	1.88e-006		lilial	2.15e-005	
Cashmeran	8.72e-006		N,N-Diethyl-m-toluamide	9.41e-006	
Coumarin	4.45e-006				

Client Sample Name:	A000009YU		Test Method:	MASIV-1500 analyte method	
FSES Sample ID:	A191405		Date Received:	08/27/19	
Client location:			Matrix:	Passive Sampling Device - Personal	
Chemical Name	Molar Concentration (mMol/WB)		Chemical Name	Molar Concentration (mMol/WB)	
a-Ionone	3.22e-006		Di-n-butyl phthalate	1.15e-005	
amyl cinnamal	3.81e-006		Di-n-nonyl phthalate	3.58e-006	
b-Ionone	3.12e-006		Dicyclohexyl phthalate	1.3e-006	
Benzophenone	1.21e-006		Diisobutyl phthalate	1.11e-005	
Benzyl benzoate	1.04e-005		Ethylene brassylate	2.22e-005	
benzyl salicylate	1.62e-005		Galaxolide	7.35e-005	
Bis(2-ethylhexyl)phthalate	0.000256		lilial	1.03e-005	
Butyl benzyl phthalate	8.96e-006		Permethrin	8.43e-006	
Butylated hydroxyanisole	2.1e-006		TCCP	3.36e-006	
butylated hydroxytoluene	2.68e-005		Tonalide	7.35e-007	
Citral A	1.38e-006				

Client Sample Name:	A000009YQ		Test Method:	MASIV-1500 analyte method	
FSES Sample ID:	A191406		Date Received:	08/27/19	
Client location:			Matrix:	Passive Sampling Device - Personal	
Chemical Name	Molar Concentration (mMol/WB)		Chemical Name	Molar Concentration (mMol/WB)	
amyl cinnamal	1.58e-006		Di-n-octyl phthalate	4.35e-006	
b-citronellol	1.41e-005		Diethyl phthalate	3.69e-006	
Benzophenone	4.61e-006		Diisobutyl phthalate	1.94e-005	
Benzyl benzoate	8.48e-006		Dimethyl phthalate	7.72e-007	
benzyl salicylate	1.1e-005		Galaxolide	3.17e-006	
Bis(2-ethylhexyl)phthalate	0.000282		lilial	1.81e-006	
Butyl benzyl phthalate	1.86e-005		Linalool	2.53e-006	
Butylated hydroxyanisole	6.62e-007		N,N-Diethyl-m-toluamide	1.83e-006	
butylated hydroxytoluene	5.45e-007		Permethrin	1.87e-006	
Caffeine	1.85e-006		Phthalimide	3.13e-006	
Citral A	1.71e-006		TCPP	3.66e-006	
Di-n-butyl phthalate	2.01e-005		Tonalide	1.01e-006	
Di-n-nonyl phthalate	5.49e-006				

Client Sample Name: A000009YR		Test Method: MASIV-1500 analyte method	
FSES Sample ID: A191407		Date Received: 08/27/19	
Client location:		Matrix: Passive Sampling Device - Personal	
Chemical Name	Molar Concentration (mMol/WB)	Chemical Name	Molar Concentration (mMol/WB)
4-chloro-3,5-dimethylphenol	3.45e-005	Di-n-butyl phthalate	3.05e-005
4-tert-butylphenol	3.66e-006	Di-n-nonyl phthalate	6.69e-006
amyl cinnamal	0.000153	Dicyclohexyl phthalate	2.24e-005
b-Ionone	1.04e-005	Diethyl phthalate	4.95e-005
Benzophenone	2.03e-006	Diisobutyl phthalate	2.01e-005
Benzothiazole	5.25e-006	Ethylene brassylate	0.00122
Benzyl alcohol	6.2e-006	Exaltolide [15-Pentadecanolide]	0.000166
Benzyl benzoate	0.00066	Farnesol I	5.85e-006
Benzyl cinnamate	2.31e-005	Galaxolide	0.000503
benzyl salicylate	0.000245	lilial	0.000186
Bis(2-ethylhexyl)phthalate	0.00164	lyral	1.47e-005
Butylated hydroxyanisole	3.03e-006	N,N-Diethyl-m-toluamide	4.44e-006
butylated hydroxytoluene	3.72e-006	Permethrin II	3.32e-005
Coumarin	3.49e-006	Tonalide	1.04e-005

Client Sample Name:	A000008CS		Test Method:	MASIV-1500 analyte method	
FSES Sample ID:	A191408		Date Received:	08/27/19	
Client location:			Matrix:	Passive Sampling Device - Personal	
Chemical Name	Molar Concentration (mMol/WB)		Chemical Name	Molar Concentration (mMol/WB)	
amyl cinnamal	5.44e-006		Di-n-butyl phthalate	1.9e-005	
Azobenzene	8.78e-007		Di-n-nonyl phthalate	5.73e-006	
Benzophenone	1.48e-006		Diethyl phthalate	1.3e-005	
Benzyl benzoate	3.63e-005		Diisobutyl phthalate	3.95e-005	
benzyl salicylate	4.82e-005		Ethylene brassylate	2.63e-005	
Bis(2-ethylhexyl)phthalate	0.000333		Farnesol I	1.48e-005	
Butyl benzyl phthalate	1.95e-006		Galaxolide	6.19e-005	
Butylated hydroxyanisole	1.93e-006		lilial	3.03e-005	
butylated hydroxytoluene	2.36e-006		Tonalide	6.19e-006	
Citral A	4.07e-006				

Client Sample Name:	A000009YH		Test Method:	MASIV-1500 analyte method	
FSES Sample ID:	A191409		Date Received:	08/27/19	
Client location:			Matrix:	Passive Sampling Device - Personal	
Chemical Name	Molar Concentration (mMol/WB)		Chemical Name	Molar Concentration (mMol/WB)	
amyl cinnamal	6.43e-006		Di-n-butyl phthalate	1.54e-005	
b-citronellol	8.32e-006		Diethyl phthalate	2.34e-006	
Benzophenone	2.69e-006		Diisobutyl phthalate	3.09e-005	
Benzyl benzoate	0.000179		Ethylene brassylate	5.92e-005	
benzyl salicylate	0.000136		Galaxolide	1.86e-005	
Bis(2-ethylhexyl)phthalate	0.000174		lilial	2.4e-006	
Butyl benzyl phthalate	5.76e-006		Linalool	9.08e-006	
butylated hydroxytoluene	4.54e-007		Methoprene II	9.34e-005	
Cashmeran	8.72e-007		N,N-Diethyl-m-toluamide	6.27e-006	
Citral A	7.88e-006		Permethrin	9.46e-007	
Coumarin	9.58e-007				

Client Sample Name:	A000009YN		Test Method:	MASIV-1500 analyte method	
FSES Sample ID:	A191410		Date Received:	08/27/19	
Client location:			Matrix:	Passive Sampling Device - Personal	
Chemical Name	Molar Concentration (mMol/WB)		Chemical Name	Molar Concentration (mMol/WB)	
2,4-di-tert-butylphenol	7.75e-007		Di-n-butyl phthalate	3.95e-005	
amyl cinnamal	3.61e-006		Di-n-nonyl phthalate	1.65e-006	
b-Ionone	1.87e-006		Diisobutyl phthalate	0.000431	
Benzophenone	1.54e-006		Ethylene brassylate	0.000104	
Benzyl alcohol	2.22e-006		Galaxolide	2.75e-005	
Benzyl benzoate	2.83e-005		lilial	9.79e-006	
benzyl salicylate	4.38e-005		lyral	5.23e-006	
Bis(2-ethylhexyl)phthalate	0.000256		N,N-Diethyl-m-toluamide	7.32e-006	
Butyl benzyl phthalate	7.04e-005		Permethrin	2.56e-006	
Caffeine	6.18e-006		Permethrin II	3.32e-006	
Citral A	3.81e-006		Tonalide	4.64e-006	

Client Sample Name:	A000009YW		Test Method:	MASIV-1500 analyte method	
FSES Sample ID:	A191411		Date Received:	08/27/19	
Client location:			Matrix:	Passive Sampling Device - Personal	
Chemical Name	Molar Concentration (mMol/WB)	Chemical Name	Molar Concentration (mMol/WB)		
amyl cinnamal	2.57e-006	Di-n-nonyl phthalate	1.89e-005		
b-Ionone	2.18e-006	Diisobutyl phthalate	9.7e-005		
Benzophenone	1.87e-006	Ethofenprox	3.19e-006		
Benzyl benzoate	0.000165	Ethylene brassylate	8.88e-005		
benzyl salicylate	0.000223	Eugenol	3.53e-006		
Bis(2-ethylhexyl)phthalate	0.00161	Exaltolide [15-Pentadecanolide]	5.82e-005		
Butyl benzyl phthalate	0.00017	Galaxolide	0.000166		
Butylated hydroxyanisole	1.49e-006	lilial	1.81e-005		
butylated hydroxytoluene	1.04e-006	Linalool	1.62e-006		
cinnamal	5.22e-006	N,N-Diethyl-m-toluamide	3.76e-006		
Citral A	2.23e-006	Permethrin	8.94e-006		
Coumarin	5.34e-006	Permethrin II	7.16e-006		
Di-n-hexyl phthalate	1.14e-006	Tonalide	1.32e-005		

Client Sample Name:	A000009YO		Test Method:	MASIV-1500 analyte method	
FSES Sample ID:	A191412		Date Received:	08/27/19	
Client location:			Matrix:	Passive Sampling Device - Personal	
Chemical Name	Molar Concentration (mMol/WB)		Chemical Name	Molar Concentration (mMol/WB)	
4-chloro-3,5-dimethylphenol	1.6e-006		Di-n-butyl phthalate	1.22e-005	
amyl cinnamal	6.43e-006		Di-n-nonyl phthalate	5.02e-006	
b-citronellol	1.02e-005		Dicyclohexyl phthalate	2.54e-006	
Benzyl benzoate	2.73e-005		Diisobutyl phthalate	5.75e-005	
benzyl salicylate	8.32e-006		Exaltolide [15-Pentadecanolide]	3.24e-005	
Bis(2-ethylhexyl)phthalate	0.000256		Galaxolide	4.26e-006	
Butyl benzyl phthalate	1.7e-005		lilial	5.87e-006	
Butylated hydroxyanisole	7.72e-007		N,N-Diethyl-m-toluamide	1.36e-005	
butylated hydroxytoluene	6.81e-007		Permethrin	2.81e-007	
Citral A	3.55e-006				

Client Sample Name:	A000008CR		Test Method:	MASIV-1500 analyte method	
FSES Sample ID:	A191413		Date Received:	08/27/19	
Client location:			Matrix:	Passive Sampling Device - Personal	
Chemical Name	Molar Concentration (mMol/WB)		Chemical Name	Molar Concentration (mMol/WB)	
1-Naphthylamine	1.75e-006		Ethofenprox	1.49e-005	
amyl cinnamal	5.44e-006		Ethylene brassylate	7.03e-005	
b-Ionone	3.48e-006		Galaxolide	0.000151	
Benzophenone	4.99e-006		hydroxy-citronellal	4.47e-006	
Benzyl benzoate	0.000118		indole	7.17e-005	
benzyl salicylate	0.000526		lilial	6.85e-005	
Butyl benzyl phthalate	2.82e-005		PBDE 49	9.88e-007	
Butylated hydroxyanisole	2.76e-006		TCPP	1.68e-006	
butylated hydroxytoluene	4.99e-006		Thymol	9.32e-007	
Di-n-butyl phthalate	3.95e-005		Tonalide	1.55e-005	
Di-n-nonyl phthalate	6.45e-006		Triclosan	1.07e-006	
Diisobutyl phthalate	2.37e-005				

Client Sample Name:	A000009YM		Test Method:	MASIV-1500 analyte method	
FSES Sample ID:	A191414		Date Received:	08/27/19	
Client location:			Matrix:	Passive Sampling Device - Personal	
Chemical Name	Molar Concentration (mMol/WB)		Chemical Name	Molar Concentration (mMol/WB)	
b-Ionone	5.2e-007		Cyclopentadecanone	0.000258	
Benzophenone	2.09e-006		Di-n-butyl phthalate	1.47e-005	
Benzyl alcohol	4.53e-006		Diisobutyl phthalate	8.98e-006	
Benzyl benzoate	5.65e-005		Ethylene brassylate	4.81e-006	
benzyl salicylate	0.000526		Galaxolide	0.000159	
Bis(2-ethylhexyl)phthalate	0.000307		hydroxy-citronellal	1.45e-006	
Butyl benzyl phthalate	4.16e-006		lilial	0.000122	
Butylated hydroxyanisole	7.17e-007		Musk Ketone	1.05e-005	
butylated hydroxytoluene	8.62e-007		N,N-Diethyl-m-toluamide	7.84e-006	
cinnamal	5.07e-007		Permethrin	3.58e-007	
Citral A	1.9e-006				

Client Sample Name:	A000009YK		Test Method:	MASIV-1500 analyte method	
FSES Sample ID:	A191415		Date Received:	08/27/19	
Client location:			Matrix:	Passive Sampling Device - Personal	
Chemical Name	Molar Concentration (mMol/WB)		Chemical Name	Molar Concentration (mMol/WB)	
b-citronellol	2.88e-006		Diisobutyl phthalate	4.31e-005	
b-Ionone	3.33e-006		Ethylene brassylate	5.55e-005	
Benzophenone	2.2e-006		Exaltolide [15-Pentadecanolide]	0.000237	
Benzyl benzoate	0.000118		Farnesol I	6.3e-006	
benzyl salicylate	0.000202		Galaxolide	0.000252	
Bis(2-ethylhexyl)phthalate	0.000108		lilial	2.84e-005	
Butyl benzyl phthalate	1.06e-005		Linalool	1.82e-006	
Butylated hydroxyanisole	9.93e-007		lyral	6.66e-006	
Citral A	1.25e-006		Tonalide	3.87e-006	
Di-n-butyl phthalate	3.59e-005		Triethyl phosphate	7.69e-007	
Diethyl phthalate	6.75e-005				

Client Sample Name:	A000009YP		Test Method:	MASIV-1500 analyte method	
FSES Sample ID:	A191416		Date Received:	08/27/19	
Client location:			Matrix:	Passive Sampling Device - Personal	
Chemical Name	Molar Concentration (mMol/WB)		Chemical Name	Molar Concentration (mMol/WB)	
amyl cinnamal	4.8e-006		Diisobutyl phthalate	1.65e-005	
b-Ionone	1.92e-006		Ethylene brassylate	7.03e-005	
Benzophenone	4.5e-006		Galaxolide	5.81e-005	
benzyl salicylate	0.000136		lilial	8.81e-006	
Bis(2-ethylhexyl)phthalate	0.000358		Linalool	3.24e-006	
Butyl benzyl phthalate	8e-006		N,N-Diethyl-m-toluamide	6.8e-006	
Butylated hydroxyanisole	9.38e-007		Tonalide	4.64e-006	
Coumarin	1.51e-006		TPP	4.6e-007	
Di-n-butyl phthalate	2.05e-005				

Client Sample Name:	A000009YJ		Test Method:	MASIV-1500 analyte method	
FSES Sample ID:	A191417		Date Received:	08/27/19	
Client location:			Matrix:	Passive Sampling Device - Personal	
Chemical Name	Molar Concentration (mMol/WB)	Chemical Name	Molar Concentration (mMol/WB)		
b-citronellol	3.33e-006	Diisobutyl phthalate	3.59e-005		
b-Ionone	2.39e-006	drometrizole	1.73e-006		
Benzophenone	7.68e-007	Ethofenprox	1.62e-006		
Benzyl benzoate	3.82e-005	Ethylene brassylate	0.000307		
Benzyl cinnamate	2.01e-005	Exaltolide [15-Pentadecanolide]	7.9e-005		
benzyl salicylate	2.67e-005	Farnesol IV	2.56e-005		
Bis(2-ethylhexyl)phthalate	0.00256	Galaxolide	9.29e-006		
Butyl benzyl phthalate	2.05e-005	guaiacol	7.57e-006		
Butylated hydroxyanisole	2.48e-006	N,N-Diethyl-m-toluamide	3.87e-006		
butylated hydroxytoluene	5.45e-007	Permethrin	2.56e-005		
Citral A	2.17e-005	TCPP	9.16e-006		
Di-n-nonyl phthalate	5.73e-006	Tonalide	9.67e-007		
Dicyclohexyl phthalate	4.84e-006	Tributyl phosphate	3.68e-006		
Diethyl phthalate	1.84e-006				

Client Sample Name: A000009YS		Test Method: MASIV-1500 analyte method	
FSES Sample ID: A191418		Date Received: 08/27/19	
Client location:		Matrix: Passive Sampling Device - Personal	
Chemical Name	Molar Concentration (mMol/WB)	Chemical Name	Molar Concentration (mMol/WB)
2,4-di-tert-butylphenol	8.72e-007	Di-n-butyl phthalate	2.19e-005
a-Ionone	1.61e-006	Dicyclohexyl phthalate	2.81e-006
amyl cinnamal	3.95e-006	Diisobutyl phthalate	1.8e-005
b-citronellol	1.54e-006	Ethofenprox	1.73e-006
Benzophenone	2.14e-006	Ethylene brassylate	2.81e-006
Benzothiazole	1.04e-006	Galaxolide	2.01e-005
Benzyl benzoate	1.23e-005	lilial	2.84e-006
benzyl salicylate	6.57e-005	N,N-Diethyl-m-toluamide	6.27e-006
Bis(2-ethylhexyl)phthalate	0.000207	Permethrin	6.13e-007
Butyl benzyl phthalate	1.41e-005	Phthalimide	2.99e-006
Butylated hydroxyanisole	6.62e-007	TCPP	8.24e-006
Coumarin	1.37e-006	Tonalide	1.32e-006

Client Sample Name: A000009YL		Test Method: MASIV-1500 analyte method	
FSES Sample ID: A191419		Date Received: 08/27/19	
Client location:		Matrix: Passive Sampling Device - Personal	
Chemical Name	Molar Concentration (mMol/WB)	Chemical Name	Molar Concentration (mMol/WB)
2,4-di-tert-butylphenol	8.72e-007	Di-n-butyl phthalate	3.95e-005
4-tert-butylphenol	4.13e-006	Diisobutyl phthalate	2.34e-005
Benzophenone	2.74e-006	Dimethyl phthalate	4.53e-006
Benzothiazole	6.36e-006	Ethylene brassylate	1.63e-005
Benzyl benzoate	4.71e-006	Farnesol I	4e-005
benzyl salicylate	1.49e-005	fluoranthene	6.43e-007
Bioallethrin	1.12e-006	Galaxolide	6.97e-006
Bis(2-ethylhexyl)phthalate	2.18e-006	Permethrin	1.07e-006
Butyl benzyl phthalate	1.89e-005	Pyrene	2.27e-007
Butylated hydroxyanisole	1.32e-006	TCPP	2.35e-005
Caffeine	4.43e-006	Tonalide	9.29e-007

Client Sample Name:	A000009YG		Test Method:	MASIV-1500 analyte method	
FSES Sample ID:	A191420		Date Received:	08/27/19	
Client location:			Matrix:	Passive Sampling Device - Personal	

Chemical Name	Molar Concentration (mMol/WB)	Chemical Name	Molar Concentration (mMol/WB)
amyl cinnamal	4.15e-006	Di-n-nonyl phthalate	1.29e-006
Benzophenone	3.18e-007	Diisobutyl phthalate	7.54e-006
Benzyl benzoate	1.04e-005	Ethylene brassylate	5.18e-005
benzyl salicylate	6.13e-006	Eugenol	3.17e-006
Bis(2-ethylhexyl)phthalate	0.00023	Galaxolide	1.51e-005
Butyl benzyl phthalate	2.37e-006	lilial	3.08e-006
Butylated hydroxyanisole	7.72e-007	Linalool	2.33e-006
butylated hydroxytoluene	5.45e-007	Permethrin	1.46e-005
Caffeine	1.75e-006	Tonalide	9.29e-007
Di-n-butyl phthalate	8.62e-006		

Client Sample Name:	A000008CP		Test Method:	MASIV-1500 analyte method	
FSES Sample ID:	A191421		Date Received:	08/27/19	
Client location:			Matrix:	Passive Sampling Device - Personal	
Chemical Name	Molar Concentration (mMol/WB)		Chemical Name	Molar Concentration (mMol/WB)	
2,4-di-tert-butylphenol	2.28e-007		Diethyl phthalate	8.55e-005	
benzyl salicylate	7.01e-005		Diisobutyl phthalate	4.67e-006	
Bis(2-ethylhexyl)phthalate	0.000108		Ethylene brassylate	3e-005	
Butyl benzyl phthalate	8e-006		Galaxolide	1.86e-006	
Di-n-butyl phthalate	7.19e-006		lilial	9.3e-007	

Client Sample Name:	A000008CV		Test Method:	MASIV-1500 analyte method	
FSES Sample ID:	A191422		Date Received:	08/27/19	
Client location:			Matrix:	Passive Sampling Device - Personal	
Chemical Name	Molar Concentration (mMol/WB)		Chemical Name	Molar Concentration (mMol/WB)	
4-tert-butylphenol	1.53e-006		Di-n-butyl phthalate	2.55e-005	
amyl cinnamal	4.84e-006		Di-n-nonyl phthalate	5.02e-006	
Benzophenone	1.59e-006		Diethyl phthalate	5.4e-005	
Benzyl benzoate	0.000245		Diisobutyl phthalate	1.76e-005	
benzyl salicylate	0.000482		Ethylene brassylate	0.000592	
Bis(2-ethylhexyl)phthalate	0.000358		Exaltolide [15-Pentadecanolide]	0.000196	
Butyl benzyl phthalate	5.76e-006		Farnesol I	9.44e-006	
Butylated hydroxyanisole	1.16e-006		Galaxolide	8.13e-005	
butylated hydroxytoluene	6.81e-007		lilial	3.13e-005	
Cashmeran	4.65e-006		N,N-Diethyl-m-toluamide	3.19e-006	
Citral A	3.81e-006		Permethrin	8.43e-007	
Coumarin	1.57e-006				

Client Sample Name:	UCSF 9001		Test Method:	MASIV-1500 analyte method	
FSES Sample ID:	A191810		Date Received:	11/12/19	
Client location:			Matrix:	Passive Sampling Device - Personal	
Chemical Name	Molar Concentration (mMol/WB)		Chemical Name	Molar Concentration (mMol/WB)	
4-tert-butylphenol	1.86e-006		butylated hydroxytoluene	5.9e-007	
b-citronellol	3.14e-006		Di-n-butyl phthalate	2.23e-005	
b-lonone	5.72e-007		Diisobutyl phthalate	2.55e-005	
Benzyl benzoate	1.6e-005		Galaxolide	9.29e-006	
benzyl salicylate	1.49e-005		Permethrin	3.07e-006	
Bis(2-ethylhexyl)phthalate	0.000282		Permethrin II	3.32e-006	
Butyl benzyl phthalate	3.2e-006		Tonalide	3.72e-006	
Butylated hydroxyanisole	4.41e-007				

Table 2: Compound Isomers

Compound	Alternative Isomers
1,6-dimethylnaphthalene	2-Ethyl naphthalene, 2,6-dimethylnaphthalene, 1,4-dimethylnaphthalene, 1,2-dimethylnaphthalene, 1,5-dimethylnaphthalene
1-methylnaphthalene	2-methylnaphthalene
1-Naphthylamine	2-naphthylamine
2,4-di-tert-butylphenol	Cashmeran, lilial
2-methylnaphthalene	1-methylnaphthalene
4-tert-butylphenol	Carvone, 2-sec-butylphenol, Thymol, 3-tert-butylphenol, Promecarb artifact [5-isopropyl-3-methylphenol], 4-butylphenol
a-Ionone	b-ionone
anthracene	phenanthrene
Benzyl alcohol	2-Methylphenol, 4-Methylphenol, m-Cresol
Bioallethrin	Bioallethrin S-cyclopentenyl isomer, Methoprene II
b-Ionone	a-ionone
Carvone	2-sec-butylphenol, Thymol, 3-tert-butylphenol, 4-tert-butylphenol, Promecarb artifact [5-isopropyl-3-methylphenol]
Cashmeran	2,4-di-tert-butylphenol, lilial
Citral A	Citral B
Eugenol	Carbofuran-7-phenol
Farnesol I	farnesol II, farnesol III, farnesol IV
Farnesol IV	farnesol I, farnesol II, farnesol III
Galaxolide	Traseolide, Tonalide
lilial	Cashmeran, 2,4-di-tert-butylphenol
Methoprene II	Bioallethrin S-cyclopentenyl isomer, Bioallethrin
PBDE 49	PBDE 62, PBDE 75, PBDE 51, PBDE 71, PBDE 47
Permethrin	Permethrin II
Permethrin II	Permethrin
Thymol	Carvone, 2-sec-butylphenol, 3-tert-butylphenol, 4-tert-butylphenol, Promecarb artifact [5-isopropyl-3-methylphenol], 4-butylphenol
Tonalide	Traseolide, Galaxolide

Appendix A: All compounds and their classifications

* Data taken from World Health Organization (WHO) International Agency for Research on Cancer (IARC) *Agents Classified by the IARC Monographs, Volumes 1–118*, last updated 3/1/2017

Groups are indicated by the Group and year classified, e.g. 2B(1999), for more info visit

<http://fses.oregonstate.edu/who-iarc>

- Group 1: Carcinogenic to humans
- Group 2A: Probably carcinogenic to humans
- Group 2B: Probably carcinogenic to humans
- Group 3: Not classifiable as to its carcinogenicity to humans
- Group 4: Probably not carcinogenic to humans

** Data taken from the United States Environmental Protection Agency (EPA) Integrated Risk Information System (IRIS), last updated on 5/1/2017,

for more info visit <http://fses.oregonstate.edu/epa-iris>

*** Data taken from State of California Environmental Protection Agency (Cal/EPA) *Chemicals Known to the State to Cause Cancer or Reproductive Toxicity*, last updated 3/1/2017,

for more info visit <http://fses.oregonstate.edu/cal-epa>

Compound	CAS #	Classification	Risk		
			WHO IARC *	EPA IRIS**	Cal/EPA***
(2,3-Dibromopropyl) (2,4,6-tribromophenyl) ether	35109-60-5	Flame Retardant	-	-	-
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	Dioxins/Furans	-	-	-
1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	Dioxins/Furans	-	-	-
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	Dioxins/Furans	-	-	-
1,2,3,4,6,7,8-Heptachlorodibenzofuran	38998-75-3	Dioxins/Furans	-	-	-
1,2,3,4,6,7,9-Heptachlorodibenzo-p-dioxin	58200-70-7	Dioxins/Furans	-	-	-
1,2,3,4,6,7-Hexachlorodibenzo-p-dioxin	58200-66-1	Dioxins/Furans	-	-	-
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	Dioxins/Furans,	-	-	-
1,2,3,4,7,8-Hexachlorodibenzofuran	55684-94-1	Dioxins/Furans	-	-	-
1,2,3,4,7-Pentachlorodibenzo-p-dioxin	39227-61-7	Dioxins/Furans,	-	-	-
1,2,3,4-Tetrachlorodibenzo-p-dioxin	30746-58-8	Dioxins/Furans,	-	-	-
1,2,3,4-Tetrachlorodibenzofuran	24478-72-6	Dioxins/Furans	-	-	-
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	Dioxins/Furans	-	Carcinogenicity Assessment: Yes (Last revised: 03-31-1987)	-
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	Dioxins/Furans	-	-	-
1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	Dioxins/Furans,	-	-	-
1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	Dioxins/Furans,	-	-	-
1,2,3,8,9-Pentachlorodibenzo-p-dioxin	71925-18-3	Dioxins/Furans	-	-	-
1,2,3-Trichlorodibenzo-p-dioxin	54536-17-3	Dioxins/Furans	-	-	-
1,2,4,6,7,9/1,2,4,6,8,9-Hexachlorodibenzo-p-dioxin	39227-62-8	Dioxins/Furans	-	-	-
1,2,4,6,8/1,2,4,7,9-Pentachlorodibenzo-p-dioxin	71998-76-0	Dioxins/Furans	-	-	-

Compound	CAS #	Classification	Risk		
			WHO IARC *	EPA IRIS**	Cal/EPA***
1,2,4,7,8-Pentachlorodibenzo-p-dioxin	58802-08-7	Dioxins/Furans,	-	-	-
1,2,4-Trichlorobenzene	120-82-1	Insecticide, Industrial	-	Oral RfD Assessment: Yes (Last revised: 05-01-1992). Carcinogenicity Assessment: Yes (Last revised: 06-01-1989)	-
1,2,4-Trichlorodibenzo-p-dioxin	39227-58-2	Dioxins/Furans,	-	-	-
1,2,5,6,9,10-Hexabromocyclododecane	3194-55-6	Flame Retardant	-	-	-
1,2,6,7-Tetrachlorodibenzo-p-dioxin	41903-57-5	Dioxins/Furans	-	-	-
1,2,6,8-Tetrachlorodibenzo-p-dioxin	67323-56-2	Dioxins/Furans	-	-	-
1,2,7,8-Tetrachlorodibenzo-p-dioxin	34816-53-0	Dioxins/Furans	-	-	-
1,2,8,9-Tetrachlorodibenzo-p-dioxin	116889-69-1	Dioxins/Furans	-	-	-
1,2-Bis(2,4,6-tribromophenoxy) ethane	37853-59-1	Flame Retardant	-	-	-
1,2-Dibromo-3-chloropropane	96-12-8	Fungicide, Insecticide	2B(1999)	Inhalation RfC Assessment: Yes (Last revised: 10-01-1991).	cancer (1-Jul-87) male (27-Feb-87)
1,2-Dibromo-4-(1,2-dibromoethyl) cyclohexane	3322-93-8	Flame Retardant,	-	-	-
1,2-Dichlorodibenzo-p-dioxin	54536-18-4	Dioxins/Furans	-	-	-
1,2-dimethylnaphthalene	573-98-8	PAH	-	-	-
1,3,5-Tribromobenzene	626-39-1	Flame Retardant, Industrial	-	-	-
1,3,6,8-Tetrachlorodibenzo-p-dioxin	33423-92-6	Dioxins/Furans	-	-	-
1,3,6,8-Tetrachlorodibenzofuran	30402-14-3	Dioxins/Furans	-	-	-
1,3,7,8-Tetrachlorodibenzo-p-dioxin	50585-46-1	Dioxins/Furans,	-	-	-
1,3,7,9-Tetrachlorodibenzo-p-dioxin	116889-70-4	Dioxins/Furans	-	-	-
1,3-Dichlorobenzene	541-73-1	Insecticide, Industrial,	3(1999)	Carcinogenicity Assessment: Yes (Last revised: 09-01-1990)	-
1,3-Dichlorodibenzo-p-dioxin	50585-39-2	Dioxins/Furans	-	-	-
1,3-Dinitropyrene	75321-20-9	PAH	2B(2013)	-	cancer (2-Nov-12)
1,4-Anthraquinone	635-12-1	OPAH	-	-	-
1,4-Dichlorodibenzo-p-dioxin	54536-19-5	Dioxins/Furans	-	-	-
1,4-dimethylnaphthalene	571-58-4	PAH	-	-	-
1,4-Dioxino(2,3,b,5,6,b')dipyridine	262-16-8	Dioxins/Furans	-	-	-
1,4-Naphthoquinone	130-15-4	OPAH	-	-	-
1,5-dimethylnaphthalene	571-61-9	PAH	-	-	-
1,6-Benzo(a)pyrene-quinone	3067-13-8	OPAH	-	-	-
1,6-Dichlorodibenzo-p-dioxin	38178-38-0	Dioxins/Furans	-	-	-
1,6-dimethylnaphthalene	575-43-9	PAH	-	-	-
1,6-Dinitropyrene	42397-64-8	PAH	2B(2013)	-	cancer (1-Oct-90)
1,7,8-Trichlorodibenzo-p-dioxin	82306-65-8	Dioxins/Furans	-	-	-
1,8-dimethylnaphthalene	569-41-5	PAH	-	-	-
1,8-Dinitropyrene	42397-65-9	PAH	2B(2013)	-	cancer (1-Oct-90)
1-Chlorodibenzo-p-dioxin	39227-53-7	Dioxins/Furans	-	-	-
1-Hydroxynaphthalene	90-15-3	PAH, Industrial,	-	-	-
1-methylnaphthalene	90-12-0	PAH, Industrial	-	-	-
1-methylphenanthrene	832-69-9	PAH	3(2010)	-	-

Compound	CAS #	Classification	Risk		
			WHO IARC *	EPA IRIS**	Cal/EPA***
1-methylpyrene	2381-21-7	PAH,	-	-	-
1-Naphthylamine	134-32-7	Industrial	3(1987)	-	cancer (1-Oct-89)
1-Nitronaphthalene	86-57-7	PAH, Industrial	3(1989)	-	-
1-Nitropyrene	5522-43-0	PAH	2A(2014)	-	cancer (1-Oct-90)
17a-Ethynylestradiol	57-63-6	Pharmacological	-	-	cancer (1-Jan-88)
2'-Hydroxy-2,4,4'-tribromodiphenyl ether	N/A	Flame Retardant, PBDE	-	-	-
2'-Hydroxy-4-monobromodiphenyl ether	N/A	Flame Retardant, PBDE	-	-	-
2'-Methoxy-2,4,4'-tribromodiphenyl ether	N/A	Flame Retardant, PBDE	-	-	-
2,3,4,5-Tetrachloronitrobenzene	879-39-0	Fungicide, Industrial	-	-	-
2,3,4,5-Tetrachlorophenol	4901-51-3	General Pesticide,	-	-	-
2,3,4,6-Tetrachlorophenol	58-90-2	Fungicide, Industrial, Pulp/Paper,	-	Oral RfD Assessment: Yes (Last revised: 03-01-1988).	-
2,3,4,7,8-PeCDF	57117-31-4	Dioxins/Furans,	1(2012)	-	-
2,3,4-Tribromophenol	138507-65-0	Flame Retardant,	-	-	-
2,3,4-Trichlorophenyl-4-nitrophenyl ether	142022-61-5	Industrial, Halo Ethers	-	-	-
2,3,5,6-Tetrachloro-p-terphenyl	61576-99-6	Flame Retardant, Industrial	-	-	-
2,3,5,6-Tetrachlorophenol	935-95-5	General Pesticide,	-	-	-
2,3,5-Trichlorophenol	933-78-8	Industrial,	-	-	-
2,3,5-Trichlorophenyl-4-nitrophenyl ether	142022-59-1	Industrial, Halo Ethers	-	-	-
2,3,5-Trimethacarb	2655-15-4	Insecticide	-	-	-
2,3,5-trimethylphenol	697-82-5	Personal Care, Industrial,	-	-	-
2,3,6-Trichloroanisole	50375-10-5	General Pesticide	-	-	-
2,3,6-Trichlorophenyl-4-nitrophenyl ether	142022-58-0	Industrial, Halo Ethers	-	-	-
2,3,6-trimethylphenol	2416-94-6	Industrial,	-	-	-
2,3,7,8-TCDD	1746-01-6	Industrial,	1(2012)	Oral RfD Assessment: Yes (Last revised: 02-17-2012). Carcinogenicity Assessment: Message (Last revised: 02-17-2012)	cancer (1-Jan-88) developmental (1-Apr-91)
2,3,7,8-Tetrabromodibenzo-p-dioxin	50585-41-6	Dioxins/Furans,	-	-	-
2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	Industrial,	-	-	-
2,3,7-Trichlorodibenzo-p-dioxin	33857-28-2	Dioxins/Furans,	-	-	-
2,3-Dibromoanisole	95970-22-2	Industrial	-	-	-
2,3-Dibromophenol	57383-80-9	Flame Retardant,	-	-	-
2,3-Dichlorodibenzo-p-dioxin	29446-15-9	Dioxins/Furans	-	-	-
2,3-Dichlorophenyl-4-nitrophenyl ether	82239-20-1	Industrial, Halo Ethers	-	-	-
2,3-dimethylaniline	87-59-2	Industrial,	-	-	-
2,3-dimethylantracene	613-06-9	PAH	-	-	-
2,3-xenol	526-75-0	Industrial,	-	-	-
2,4'-DDD	53-19-0	Insecticide, Pharmacological,	-	-	-
2,4'-DDE	3424-82-6	Insecticide,	-	-	-

Compound	CAS #	Classification	Risk		
			WHO IARC *	EPA IRIS**	Cal/EPA***
2,4'-DDT	789-02-6	Insecticide,	-	-	developmental, female, male (15-May-98)
2,4'-Dichlorobenzophenone (2,4'-Dicofol decomposition product)	85-29-0	General Pesticide	-	-	-
2,4,5-T methyl ester	1928-37-6	Herbicide,	-	-	-
2,4,5-Tribromoanisole	N/A	Industrial	-	-	-
2,4,5-Trichloro-p-terphenyl	999008-03-6	Flame Retardant, Industrial	-	-	-
2,4,5-Trichloroaniline	636-30-6	General Pesticide,	-	-	-
2,4,5-Trichlorophenol	95-95-4	Fungicide, Herbicide, Industrial, Pulp/Paper,	-	Oral RfD Assessment: Yes (Last revised: 01-31-1987). Inhalation RfC Assessment: Message (Last revised: 07-01-1991).	-
2,4,5-Trichlorophenyl-4-nitrophenyl ether	22532-68-9	Industrial, Halo Ethers	-	-	-
2,4,5-Trimethylaniline	137-17-7	Industrial,	3(1987)	-	-
2,4,6-Tribromoanisole	607-99-8	Industrial	-	-	-
2,4,6-Tribromophenol	118-79-6	Flame Retardant,	-	-	-
2,4,6-Tribromophenyl allyl ether	3278-89-5	Flame Retardant	-	-	-
2,4,6-trichloroaniline	634-93-5	General Pesticide, Industrial,	-	-	-
2,4,6-Trichloroanisole	87-40-1	General Pesticide	-	-	-
2,4,6-Trichlorophenol	88-06-2	Fungicide, Herbicide, Industrial, Pulp/Paper,	2	Inhalation RfC Assessment: Message (Last revised: 07-01-1991). Carcinogenicity Assessment: Yes (Last revised: 06-01-1990)	cancer (1-Jan-88)
2,4,6-triiodophenol	609-23-4	Industrial,	-	-	-
2,4,6-trimethylphenol	527-60-6	Industrial,	-	-	-
2,4,8-Trichlorodibenzofuran	54589-71-8	Dioxins/Furans	-	-	-
2,4-bis(alpha,alpha-dimethylbenzyl) phenol	2772-45-4	Industrial,	-	-	-
2,4-D methyl ester	1928-38-7	General Pesticide	-	-	-
2,4-D sec-butyl ester	94-79-1	Herbicide	-	-	-
2,4-DB methyl ester	18625-12-2	General Pesticide	-	-	-
2,4-di-tert-amylphenol	120-95-6	Industrial,	-	-	-
2,4-di-tert-butylphenol	96-76-4	Industrial,	-	-	-
2,4-Dibromoanisole	21702-84-1	Industrial	-	-	-
2,4-Dibromophenol	615-58-7	Flame Retardant,	-	-	-
2,4-Dibromophenyl-4-nitrophenyl ether	2671-93-4	Industrial, Halo Ethers	-	-	-
2,4-dichloro-3,5-dimethylphenol	133-53-9	Industrial,	-	-	-
2,4-dichloroaniline	554-00-7	Industrial,	-	-	-
2,4-Dichlorophenol	120-83-2	Fungicide, Herbicide, Industrial, Pulp/Paper,	-	Oral RfD Assessment: Yes (Last revised: 01-31-1987).	-
2,4-Dichlorophenyl benzenesulfonate	97-16-5	General Pesticide	-	-	-
2,4-Dimethylaniline	95-68-1	Industrial,	3(1987)	-	-

Compound	CAS #	Classification	Risk		
			WHO IARC *	EPA IRIS**	Cal/EPA***
2,4-Dimethylphenol	105-67-9	Pharmacological, Industrial,	-	Oral RfD Assessment: Yes (Last revised: 11-01-1990).	-
2,4-dinitroaniline	97-02-9	Industrial,	-	-	-
2,5-Dibromoanisole	95970-08-4	Industrial	-	-	-
2,5-Dibromophenol	28165-52-8	Flame Retardant,	-	-	-
2,5-dichloroaniline	95-82-9	Industrial,	-	-	-
2,5-dichlorophenol	583-78-8	Industrial,	-	-	-
2,5-Dichlorophenyl-4-nitrophenyl ether	39145-48-7	Industrial, Halo Ethers	-	-	-
2,5-dimethylaniline	95-78-3	Industrial,	3(1987)	-	-
2,5-dimethylphenol	95-87-4	Industrial,	-	-	-
2,6-di-tert-butyl-4-dimethylaminomethylphenol	88-27-7	Industrial,	-	-	-
2,6-Di-tert-butyl-4-ethylphenol	4130-42-1	Industrial,	-	-	-
2,6-Di-tert-butylphenol	128-39-2	Industrial,	-	-	-
2,6-dibromo-4-nitroaniline	827-94-1	Industrial,	-	-	-
2,6-Dibromoanisole	38603-09-7	Industrial	-	-	-
2,6-Dibromophenol	608-33-3	Flame Retardant,	-	-	-
2,6-Dichlorobenzamide	2008-58-4	Herbicide	-	-	-
2,6-Dichlorobenzonitrile	1194-65-6	Herbicide	-	-	-
2,6-Dichlorophenol	87-65-0	Industrial, Pulp/Paper,	-	-	-
2,6-Dichlorophenyl-4-nitrophenyl ether	2093-28-9	Industrial, Halo Ethers	-	-	-
2,6-Dichlorosyringaldehyde	76330-06-8	Industrial, Pulp/Paper	-	-	-
2,6-diethylaniline	579-66-8	Industrial,	-	-	-
2,6-diethylnaphthalene	59919-41-4	PAH	-	-	-
2,6-diisopropylaniline	24544-04-5	Industrial,	-	-	-
2,6-dimethoxyphenol	91-10-1	Industrial,	-	-	-
2,6-Dimethylaniline	87-62-7	Industrial,	2B(1993)	-	cancer (1-Jan-91)
2,6-dimethylnaphthalene	581-42-0	PAH	-	-	-
2,6-dimethylphenol	576-26-1	Industrial,	-	Oral RfD Assessment: Yes (Last revised: 09-07-1988).	-
2,6-ditertbutyl-4-methoxyphenol	489-01-0	Industrial,	-	-	-
2,7-Dichlorodibenzo-p-dioxin	33857-26-0	Dioxins/Furans	-	-	-
2,8-Dichlorodibenzo-p-dioxin	38964-22-6	Dioxins/Furans,	-	-	-
2,8-Dichlorodibenzofuran	5409-83-6	Dioxins/Furans,	-	-	-
2-(1-methylbutyl)phenol	87-26-3	Industrial,	-	-	-
2-(1-naphthyl)acetamide	86-86-2	General Pesticide, PAH	-	-	-
2-(2-Butoxyethoxy)ethyl thiocyanate	112-56-1	Insecticide	-	-	-
2-(3-Chlorophenoxy)propionamide	5825-87-6	General Pesticide	-	-	-
2-(4-chlorophenyl)benzothiazole	6265-91-4	Industrial	-	-	-
2-(morpholiniothio)benzothiazole	102-77-2	Industrial	-	-	-
2-(Octylthio)ethanol	3547-33-9	Insecticide	-	-	-
2-Amino-4-chlorophenol	95-85-2	Industrial,	-	-	-
2-amino-p-cresol	95-84-1	Industrial,	-	-	-
2-aminophenol	95-55-6	Industrial,	-	-	-
2-benzothiazolyl sulfide	4074-77-5	Industrial	-	-	-
2-bromo-4,6-dinitroaniline	1817-73-8	Industrial,	-	-	-

Compound	CAS #	Classification	Risk		
			WHO IARC *	EPA IRIS**	Cal/EPA***
2-Bromoanisole	578-57-4	Industrial	-	-	-
2-bromophenol	95-56-7	Industrial,	-	-	-
2-chloro-4,6-dinitroaniline	3531-19-9	Industrial,	-	-	-
2-chloro-4-nitroaniline	121-87-9	Industrial,	-	-	-
2-chloroaniline	95-51-2	Industrial,	-	-	-
2-Chlorodibenzo-p-dioxin	39227-54-8	Dioxins/Furans	-	-	-
2-chlorodibenzofuran	51230-49-0	Dioxins/Furans,	-	-	-
2-Chlorophenol	95-57-8	General Pesticide, Industrial,	-	Oral RfD Assessment: Yes (Last revised: 08-22-1988).	-
2-Chlorophenyl-4-nitrophenyl ether	2303-23-3	Industrial, Halo Ethers	-	-	-
2-Chlorosyringaldehyde	76341-69-0	Industrial, Pulp/Paper	-	-	-
2-ethoxyphenol	94-71-3	Industrial,	-	-	-
2-Ethyl-1,3-hexanediol	94-96-2	Insecticide	-	-	-
2-ethyl-6-methylaniline	24549-06-2	Industrial,	-	-	-
2-ethylaniline	578-54-1	Industrial,	-	-	-
2-ethylnaphthalene	939-27-5	PAH	-	-	-
2-ethylphenol	90-00-6	Industrial,	-	-	-
2-Hydroxyestradiol	362-05-0	Pharmacological	-	-	-
2-isopropylaniline	643-28-7	Industrial,	-	-	-
2-isopropylphenol	88-69-7	Industrial,	-	-	-
2-Mercaptobenzothiazole	149-30-4	Industrial,	2	-	-
2-methoxy-4-methylphenol	93-51-6	Natural,	-	-	-
2-methyl-9,10-anthraquinone	84-54-8	OPAH	-	-	-
2-methylantracene	613-12-7	PAH	-	-	-
2-methylnaphthalene	91-57-6	PAH, Industrial	-	Oral RfD Assessment: Yes (Last revised: 12-22-2003). Inhalation RfC Assessment: Discussion (Last revised: 12-22-2003). Carcinogenicity Assessment: Yes (Last revised: 12-22-2003).	-
2-methylphenanthrene	2531-84-2	PAH	-	-	-
2-Methylphenol	95-48-7	Industrial,	-	Oral RfD Assessment: Yes (Last revised: 09-07-1988). Inhalation RfC Assessment: Message (Last revised: 04-01-1992). Carcinogenicity Assessment: Yes (Last revised: 09-01-1990).	-
2-Naphthylamine	91-59-8	PAH, Industrial	1(2012)	-	cancer (27-Feb-87)
2-nitro-p-cresol	119-33-5	Industrial,	-	-	-
2-Nitroaniline	88-74-4	Industrial,	-	-	-
2-Nitroanthracene	3586-69-4	PAH	-	-	-

Compound	CAS #	Classification	Risk		
			WHO IARC *	EPA IRIS**	Cal/EPA***
2-Nitrobiphenyl	86-00-0	Fungicide	-	-	-
2-Nitrofluorene	607-57-8	PAH, Industrial	2B(2013)	-	cancer (1-Oct-90)
2-Nitronaphthalene	581-89-5	PAH, Industrial	3(1989)	-	-
2-Nitrophenol	88-75-5	Industrial,	-	-	-
2-Nitropyrene	789-07-1	PAH	3(1989)	-	-
2-Phenoxypropionic acid	940-31-8	Pharmacological	-	-	-
2-propylphenol	644-35-9	Industrial,	-	-	-
2-sec-butylphenol	89-72-5	Industrial,	-	-	-
3,3'-Dimethoxybenzidine	119-90-4	Industrial,	2B(1987)	-	cancer (1-Jan-88)
3,4,5-trichlorophenol	609-19-8	Industrial,	-	-	-
3,4,5-Trichlorophenyl-4-nitrophenyl ether	1836-77-7	Industrial, Halo Ethers,	-	-	-
3,4,5-Trimethacarb	2686-99-9	Insecticide	-	-	-
3,4,6-Trichloroguaiacol	60712-44-9	Industrial, Pulp/Paper	-	-	-
3,4-Dichloroaniline	95-76-1	General Pesticide, Pharmacological, Industrial,	-	-	-
3,4-Dichlorocatechol	3978-67-4	Industrial, Pulp/Paper	-	-	-
3,4-Dichloroguaiacol	77102-94-4	Industrial, Pulp/Paper	-	-	-
3,4-Dichlorophenyl-4-nitrophenyl ether	22532-80-5	Industrial, Halo Ethers	-	-	-
3,4-dimethylaniline	95-64-7	Industrial,	-	-	-
3,4-dimethylphenol	95-65-8	Industrial,	-	Oral RfD Assessment: Yes (Last revised: 09-07-1988).	-
3,5-Dibromoanisole	74137-36-3	Industrial	-	-	-
3,5-Dibromophenol	626-41-5	Flame Retardant,	-	-	-
3,5-Dichloroaniline	626-43-7	General Pesticide, Pharmacological, Industrial,	-	-	-
3,5-Dichlorophenyl-4-nitrophenyl ether	21105-77-1	Industrial, Halo Ethers	-	-	-
3,5-dimethylaniline	108-69-0	Industrial,	-	-	-
3,5-dimethylphenol	108-68-9	Industrial,	-	-	-
3,6-dimethylphenanthrene	1576-67-6	PAH	-	-	-
3-(dimethylamino)phenol	99-07-0	Industrial,	-	-	-
3-Aminophenol	591-27-5	Personal Care, Industrial,	-	-	-
3-Bromoanisole	2398-37-0	Industrial	-	-	-
3-Bromophenol	591-20-8	Flame Retardant,	-	-	-
3-Bromostyrene	2039-86-3	Flame Retardant	-	-	-
3-Chloro-4-fluoroaniline	367-21-5	Industrial,	-	-	-
3-Chloro-4-methoxyaniline	5345-54-0	General Pesticide,	-	-	-
3-Chloroaniline	108-42-9	Industrial,	-	-	-
3-chlorophenol	108-43-0	Pharmacological, Industrial, Pulp/Paper,	-	-	-
3-Chlorophenyl-4-nitrophenyl ether	2303-23-3	Industrial, Halo Ethers	-	-	-
3-ethylphenol	620-17-7	Industrial,	-	-	-
3-hydroxybiphenyl	580-51-8	Industrial,	-	-	-
3-Hydroxycarbofuran	16655-82-6	Industrial	-	-	-
3-Indolylacetonitrile	771-51-7	General Pesticide	-	-	-
3-Methoxy-2,2',4,4',6-pentabromodiphenyl ether	N/A	Flame Retardant, PBDE	-	-	-
3-methoxyphenol	150-19-6	Pharmacological, Industrial, Natural,	-	-	-
3-Nitroaniline	99-09-2	Industrial,	-	-	-

Compound	CAS #	Classification	Risk		
			WHO IARC *	EPA IRIS**	Cal/EPA***
3-Nitrobenzanthrone	17117-34-9	PAH	2B(2014)	-	-
3-Nitrobiphenyl	2113-58-8	Industrial	-	-	-
3-Nitrodibenzofuran	5410-97-9	Dioxins/Furans	-	-	-
3-Nitrofluoranthene	892-21-7	PAH	3(1987)	-	-
3-Nitrophenanthrene	17024-19-0	PAH	-	-	-
3-nitrophenol	554-84-7	Industrial,	-	-	-
3-tert-butylphenol	585-34-2	Industrial,	-	-	-
3-Trifluormethylaniline	98-16-8	Herbicide, Industrial,	-	-	-
4,4'-DDD	72-54-8	Insecticide,	-	Carcinogenicity Assessment: Yes (Last revised: 08-22-1988)	cancer (1-Jan-89)
4,4'-DDE	72-55-9	Insecticide,	-	Carcinogenicity Assessment: Yes (Last revised: 08-22-1988)	developmental, male (30-Mar-10) cancer (1-Jan-89)
4,4'-DDT	50-29-3	Insecticide,	2	Oral RfD Assessment: Yes (Last revised: 03-31-1987). Carcinogenicity Assessment: Yes (Last revised: 08-22-1988)	cancer (1-Oct-87) developmental, female, male (15-May-98)
4,4'-Dichlorobenzophenone	90-98-2	General Pesticide	-	-	-
4,4'-Methylenedianiline	101-77-9	Industrial,	2B(1987)	-	cancer (1-Jan-88)
4,4'-Oxydianiline	101-80-4	Industrial,	2B(1987)	-	cancer (1-Jan-88)
4,5-Dichloroguaiacol	2460-49-3	Industrial, Pulp/Paper	-	-	-
4,6-Dichloroguaiacol	16766-31-7	Industrial, Pulp/Paper	-	-	-
4,6-Dinitro-o-cresol (DNOC)	534-52-1	Fungicide, Herbicide, Insecticide, Industrial,	-	-	-
4-(2-benzothiazolyldithio)morpholine	95-32-9	Industrial	-	-	-
4-alpha-cumylphenol	599-64-4	Industrial,	-	-	-
4-amino-2,6-dichlorophenol	5930-28-9	Industrial,	-	-	-
4-Aminobiphenyl	92-67-1	Industrial	1(2012)	-	cancer (27-Feb-87)
4-aminophenol	123-30-8	Industrial,	-	-	-
4-benzylphenol	101-53-1	Industrial,	-	-	-
4-Bromoaniline	106-40-1	Herbicide, Industrial,	-	-	-
4-Bromoanisole	104-92-7	Industrial	-	-	-
4-Bromophenol	106-41-2	Flame Retardant,	-	-	-
4-Bromostyrene	2039-82-9	Flame Retardant	-	-	-
4-butylphenol	1638-22-8	Industrial,	-	-	-
4-Chloro-2-methylaniline	95-69-2	General Pesticide, Industrial,	2A(2010)	-	cancer (1-Jan-90)
4-chloro-2-methylphenol	1570-64-5	Industrial,	-	-	-
4-chloro-2-nitroaniline	89-63-4	Industrial,	-	-	-
4-chloro-3,5-dimethylphenol	88-04-0	Industrial,	-	-	-
4-Chloro-3-methylphenol	59-50-7	Fungicide, Industrial,	-	-	-
4-Chloroaniline	106-47-8	Herbicide, Industrial,	2B(1993)	Oral RfD Assessment: Yes (Last revised: 08-22-1988).	cancer (1-Oct-94)
4-Chlorocatechol	2138-22-9	Industrial, Pulp/Paper	-	-	-
4-Chlorodibenzofuran	74992-96-4	Dioxins/Furans,	-	-	-
4-Chloroguaiacol	16766-30-6	Industrial, Pulp/Paper	-	-	-
4-Chlorophenol	106-48-9	Industrial, Pulp/Paper,	-	-	-

Compound	CAS #	Classification	Risk		
			WHO IARC *	EPA IRIS**	Cal/EPA***
4-Chlorophenyl isocyanate	104-12-1	Herbicide, Industrial	-	-	-
4-Chlorophenyl phenyl ether	7005-72-3	Industrial, Halo Ethers	-	-	-
4-Chlorophenyl-4-nitrophenyl ether	1836-74-4	Industrial, Halo Ethers	-	-	-
4-ethoxyphenol	622-62-8	Industrial,	-	-	-
4-ethylphenol	123-07-9	Personal Care, Industrial,	-	-	-
4-hydroxy-3-chlorobiphenyl	92-04-6	Industrial,	-	-	-
4-hydroxybiphenyl	92-69-3	Industrial,	-	-	-
4-Isopropylaniline	99-88-7	Industrial,	-	-	-
4-isopropylphenol	99-89-8	Personal Care, Industrial,	-	-	-
4-methoxyphenol	150-76-5	Pharmacological, Industrial,	-	-	-
4-Methylphenol	106-44-5	Industrial,	-	Oral RfD Assessment: Withdrawn (Last revised: 08-01-1991). Inhalation RfC Assessment: Message (Last revised: 04-01-1992). Carcinogenicity Assessment: Yes (Last revised: 09-01-1990)	-
4-n-octylphenol	1806-26-4	Industrial,	-	-	-
4-Nitroaniline	100-01-6	Industrial,	-	-	-
4-Nitrobiphenyl	92-93-3	Industrial	3(1987)	-	cancer (1-Apr-88)
4-Nitrophenol	100-02-7	Fungicide, Industrial,	-	Inhalation RfC Assessment: Message (Last revised: 10-01-1991).	-
4-Nitrophenyl phenyl ether	620-88-2	Industrial, Halo Ethers	-	-	-
4-Nonylphenol	104-40-5	Fungicide, Industrial,	-	-	-
4-tert-butylphenol	98-54-4	Industrial,	-	-	-
4H-cyclopenta[def]phenanthren-4-one	5737-13-3	OPAH, Industrial	-	-	-
5,12-Naphthacene-quinone	1090-13-7	OPAH	-	-	-
5,6-Dichlorovanillin	18268-69-4	Industrial, Pulp/Paper	-	-	-
5,7-Dihydroxy-4'-methoxyisoflavone	491-80-5	Pharmacological,	-	-	-
5-Chlorovanillin	19463-48-0	Industrial, Pulp/Paper	-	-	-
5-methylchrysene	3697-24-3	PAH,	2B(2010)	-	cancer (1-Apr-88)
5-Nitroacenaphthene	602-87-9	PAH	2B(1987)	-	cancer (1-Apr-88)
6-chloro-m-cresol	615-74-7	Industrial,	-	-	-
6-Chlorovanillin	18268-76-3	Industrial, Pulp/Paper	-	-	-
6-methylchrysene	1705-85-7	PAH	3(2010)	-	-
6-Nitrobenzo(a)pyrene	63041-90-7	PAH	3(1989)	-	-
6-Nitrochrysene	7496-02-8	PAH	2A(2014)	-	cancer (1-Oct-90)
7,12-dimethylbenz[a]anthracene	57-97-6	PAH,	-	-	cancer (1-Jan-90)
7-Nitrobenz(a)anthracene	20268-51-3	PAH	3(1989)	-	-
9,10-Anthraquinone	84-65-1	OPAH, Industrial	2B(2013)	-	cancer (28-Sep-07)
9,10-dimethylantracene	781-43-1	PAH	-	-	-
9,10-Phenanthrenequinone	84-11-7	Fungicide, OPAH, Industrial	-	-	-
9-Fluorenone	486-25-9	OPAH, Industrial	-	-	-
9-methylantracene	779-02-2	PAH	-	-	-

Compound	CAS #	Classification	Risk		
			WHO IARC *	EPA IRIS**	Cal/EPA***
9-Nitroanthracene	602-60-8	PAH	3(1987)	-	-
9-Nitrophenanthrene	954-46-1	PAH	-	-	-
a-Ionone	127-41-3	Personal Care, Natural	-	-	-
acenaphthene	83-32-9	PAH	3(2010)	Oral RfD Assessment: Yes (Last revised: 11-01-1990).	-
Acenaphthenequinone	82-86-0	OPAH	-	-	-
acenaphthylene	208-96-8	PAH,	-	Carcinogenicity Assessment: Yes (Last revised: 01-01-1991)	-
Acephate	30560-19-1	Insecticide	-	-	-
Acequinocyl	57960-19-7	General Pesticide, OPAH	-	-	-
acetamiprid	135410-20-7	Insecticide	-	-	-
Acetochlor	34256-82-1	Herbicide, Insecticide,	-	Oral RfD Assessment: Yes (Last revised: 09-01-1993).	cancer (1-Jan-89)
Acifluorfen methyl ester	50594-67-7	Herbicide,	-	-	-
Aclonifen	74070-46-5	Herbicide	-	-	-
Acrinathrin	101007-06-1	Insecticide	-	-	-
Alachlor	15972-60-8	Herbicide,	-	Oral RfD Assessment: Yes (Last revised: 09-01-1993).	cancer (1-Jan-89)
Aldrin	309-00-2	Insecticide,	-	Oral RfD Assessment: Yes (Last revised: 03-31-1987). Carcinogenicity Assessment: Yes (Last revised: 09-30-1987)	cancer (1-Jul-88)
Allidochlor	93-71-0	Herbicide	-	-	-
alpha, alpha-Dibromo-m-xylene	626-15-3	Flame Retardant, Industrial	-	-	-
alpha-BHC	319-84-6	Insecticide, Pharmacological,	-	Carcinogenicity Assessment: Yes (Last revised: 03-31-1987)	-
alpha-Chlordane	5103-71-9	Insecticide,	-	-	-
Ametryne	834-12-8	Herbicide,	-	Oral RfD Assessment: Yes (Last revised: 09-30-1987).	-
Amidithion	919-76-6	Insecticide	-	-	-
Aminocarb	2032-59-9	Insecticide	-	-	-
Amitraz	33089-61-1	Insecticide,	-	Oral RfD Assessment: Yes (Last revised: 08-22-1988).	developmental (30-Mar-99)
Amitraz metabolite [Methanimidamide, N-(2,4-dimethylphenyl)-N'-methyl-]	33089-74-6	Insecticide	-	-	-
amyl cinnamal	122-40-7	Personal Care	-	-	-
amylcinnamyl alcohol	101-85-9	Personal Care	-	-	-
Ancymidol	12771-68-5	General Pesticide	-	-	-
Anilazine	101-05-3	Fungicide	-	-	-

Compound	CAS #	Classification	Risk		
			WHO IARC *	EPA IRIS**	Cal/EPA***
Aniline	62-53-3	Industrial,	3(1987)	Inhalation RfC Assessment: Yes (Last revised: 11-01-1990). Carcinogenicity Assessment: Yes (Last revised: 09-07-1988)	cancer (1-Jan-90)
Anilofos	64249-01-0	Herbicide,	-	-	-
Anisyl alcohol	105-13-5	Personal Care, Natural	-	-	-
anthanthrene	191-26-4	PAH	3(2010)	-	-
anthracene	120-12-7	PAH,	3(2010)	Oral RfD Assessment: Yes (Last revised: 09-01-1990). Carcinogenicity Assessment: Yes (Last revised: 01-01-1991)	-
Aramite	140-57-8	General Pesticide	2B(1987)	Carcinogenicity Assessment: Yes (Last revised: 06-01-1991)	cancer (1-Jul-87)
Aramite II	999009-03-9	General Pesticide	-	-	-
Atraton	1610-17-9	Herbicide	-	-	-
Atrazine	1912-24-9	Herbicide, Pharmacological,	3(1999)	Oral RfD Assessment: Yes (Last revised: 10-01-1993).	developmental, female (15-Jul-16)
Atrazine-desethyl	6190-65-4	Herbicide,	-	-	developmental, female (15-Jul-16)
Azaconazole	60207-31-0	Fungicide	-	-	-
Azamethiphos	35575-96-3	Insecticide	-	-	-
Azibenzolar-S-methyl	135158-54-2	Fungicide	-	-	-
Azinphos-ethyl	2642-71-9	Insecticide	-	-	-
Azinphos-methyl	86-50-0	Insecticide, Pharmacological,	-	-	-
Aziprotryn metabolite [2-Amino-4-isopropylamino-6-methylthio-1,3,5-triazine]	4147-57-3	Pesticide Product	-	-	-
Aziprotryne	4658-28-0	Herbicide	-	-	-
Azobenzene	103-33-3	Fungicide, Insecticide, Industrial	3(1987)	Carcinogenicity Assessment: Yes (Last revised: 09-07-1988)	cancer (1-Jan-90)
Azoxybenzene	495-48-7	Insecticide, Industrial	-	-	-
Azoxystrobin	131860-33-8	Fungicide	-	-	-
b-citronellol	106-22-9	Personal Care, Natural	-	-	-
b-Estradiol	50-28-2	Pharmacological	-	-	cancer (1-Jan-88)
b-Ionone	79-77-6	Personal Care, Natural	-	-	-
Barban	101-27-9	Herbicide	-	-	-
Beflubutamid	113614-08-7	Herbicide	-	-	-
Benalaxyl	71626-11-4	Fungicide	-	-	-
Benazolin-ethyl	25059-80-7	Herbicide	-	-	-
Bendiocarb	22781-23-3	Insecticide,	-	-	-
Benfluralin	1861-40-1	Herbicide	-	-	-
Benfuracarb	82560-54-1	Insecticide	-	-	-
Benfuresate	68505-69-1	Herbicide	-	-	-
Benodanil	15310-01-7	Fungicide	-	-	-

Compound	CAS #	Classification	Risk		
			WHO IARC *	EPA IRIS**	Cal/EPA***
Benoxacor	98730-04-2	Herbicide	-	-	-
Bentazone	25057-89-0	Herbicide,	-	Oral RfD Assessment: Yes (Last revised: 03-02-1998). Inhalation RfC Assessment: Message (Last revised: 03-02-1998). Carcinogenicity Assessment: Yes (Last revised: 03-02-1998).	-
Bentazone methyl derivative	61592-45-8	Herbicide	-	-	-
Benthiocarb	28249-77-6	Herbicide,	-	Oral RfD Assessment: Yes (Last revised: 09-30-1987).	-
Benz(a)anthracene-7,12-dione	2498-66-0	OPAH	-	-	-
benz[a]anthracene	56-55-3	PAH,	2B(2010)	Inhalation RfC Assessment: No (Last revised: 09-01-1994). Carcinogenicity Assessment: Yes (Last revised: 03-01-1994).	cancer (1-Jul-87)
benz[j] and [e]aceanthrylene	202-33-5 and 199-54-2	PAH	2B(2010)	-	-
Benzanthrone	82-05-3	OPAH, Industrial,	-	-	-
Benzenesulfonamide	98-10-2	Pharmacological	-	-	-
Benzidine	92-87-5	Industrial	1(2012)	Oral RfD Assessment: Yes (Last revised: 01-01-1989). Inhalation RfC Assessment: Message (Last revised: 07-01-1991). Carcinogenicity Assessment: Yes (Last revised: 03-31-1987).	cancer (27-Feb-87)
Benzo(a)fluoren-11-one	479-79-8	OPAH	-	-	-
Benzo(a)pyrene-7,8-dione	65199-11-3	OPAH	-	-	-
Benzo(c)phenanthrene(1,4)quinone	109699-80-1	OPAH	-	-	-
benzo[a]chrysene	213-46-7	PAH,	3(2010)	-	-
benzo[a]fluorene	238-84-6	PAH	3(2010)	-	-
benzo[a]pyrene	50-32-8	PAH,	1(2012)	Oral RfD Assessment: Yes (Last revised: 01-19-2017). Inhalation RfC Assessment: Yes (Last revised: 01-19-2017). Carcinogenicity Assessment: Yes (Last revised: 01-19-2017).	cancer (1-Jul-87)

Compound	CAS #	Classification	Risk		
			WHO IARC *	EPA IRIS**	Cal/EPA***
benzo[b]fluoranthene	205-99-2	PAH,	2B(2010)	Carcinogenicity Assessment: Yes (Last revised: 03-01-1994)	cancer (1-Jul-87)
benzo[b]fluorene	243-17-4	PAH,	3(2010)	-	-
benzo[b]perylene	197-70-6	PAH	-	-	-
benzo[c]fluorene	205-12-9	PAH	3(2010)	-	-
benzo[e]pyrene	192-97-2	PAH,	3(2010)	-	-
Benzo[ghi]perylene	191-24-2	PAH	3(2010)	Carcinogenicity Assessment: Yes (Last revised: 12-01-1990)	-
benzo[j]fluoranthene	205-82-3	PAH,	2B(2010)	-	cancer (1-Jul-87)
benzo[k]fluoranthene	207-08-9	PAH,	2B(2010)	Carcinogenicity Assessment: Yes (Last revised: 03-01-1994)	cancer (1-Jul-87)
Benzophenone	119-61-9	Personal Care, Industrial,	2B(2013)	-	cancer (22-Jun-12)
Benzothiazole	95-16-9	Industrial	-	-	-
benzotriazole	95-14-7	Industrial	-	-	-
Benzoximate metabolite	55440-55-6	General Pesticide	-	-	-
Benzoylprop ethyl	22212-55-1	Herbicide	-	-	-
Benzyl alcohol	100-51-6	Pharmacological, Personal Care, Industrial, Natural	-	-	-
Benzyl benzoate	120-51-4	Insecticide	-	-	-
Benzyl cinnamate	103-41-3	Personal Care, Natural	-	-	-
benzyl salicylate	118-58-1	Personal Care, Natural,	-	-	-
beta-BHC	319-85-7	Insecticide,	-	Carcinogenicity Assessment: Yes (Last revised: 09-30-1987)	-
BHC epsilon isomer	6108-10-7	Insecticide	-	Carcinogenicity Assessment: Yes (Last revised: 03-31-1987)	-
Bifenazate metabolite (5-Phenyl-o-anisidine)	39811-17-1	General Pesticide	-	-	-
Bifenox	42576-02-3	Herbicide,	-	-	-
Bifenthrin	82657-04-3	Insecticide,	-	Oral RfD Assessment: Yes (Last revised: 08-22-1988).	-
Binapacryl	485-31-4	Fungicide	-	-	-
Bioallethrin	584-79-2	Insecticide	-	-	-
Bioallethrin S-cyclopentenyl isomer	28434-00-6	Insecticide	-	-	-
Bioresmethrin	28434-01-7	Insecticide	-	-	-
Biphenyl	92-52-4	Fungicide, Industrial,	-	Oral RfD Assessment: Yes (Last revised: 08-27-2013). Inhalation RfC Assessment: Discussion (Last revised: 08-27-2013). Carcinogenicity Assessment: Yes (Last revised: 08-27-2013)	-
Bis(2,3,3,3-tetrachloropropyl) ether	127-90-2	Insecticide	-	-	-

Compound	CAS #	Classification	Risk		
			WHO IARC *	EPA IRIS**	Cal/EPA***
Bis(2-butoxyethyl) phthalate	117-83-9	Industrial	-	-	-
Bis(2-ethylhexyl)phthalate	117-81-7	Insecticide, Industrial,	2B(2013)	Oral RfD Assessment: Yes (Last revised: 01-31-1987). Carcinogenicity Assessment: Yes (Last revised: 09-07-1988).	cancer (1-Jan-88) developmental, male (24-Oct-03)
Bisphenol A	80-05-7	Industrial,	-	Oral RfD Assessment: Yes (Last revised: 09-26-1988).	female (11-May-15)
bisphenol B	77-40-7	Industrial,	-	-	-
bisphenol E	2081-08-5	Industrial,	-	-	-
bisphenol Z	843-55-0	Industrial,	-	-	-
bisphenol AF	1478-61-1	Industrial,	-	-	-
Bitertanol I	55179-31-2	Fungicide,	-	-	-
Bitertanol II	999027-03-1	Fungicide	-	-	-
Boscalid (Nicobifen)	188425-85-6	Fungicide,	-	-	-
Bromacil	314-40-9	Herbicide,	-	-	-
Bromfenvinphos-(E)	58580-14-6	Insecticide	-	-	-
Bromfenvinphos-(Z)	58580-13-5	Insecticide	-	-	-
Bromobutide	74712-19-9	Herbicide	-	-	-
Bromocyclen	1715-40-8	Insecticide	-	-	-
Bromophos	2104-96-3	Insecticide,	-	-	-
Bromophos-ethyl	4824-78-6	Insecticide,	-	-	-
Bromopropylate	18181-80-1	General Pesticide,	-	-	-
Bromoxynil	1689-84-5	Herbicide,	-	-	developmental (1-Oct-90)
Bromoxynil octanoic acid ester	1689-99-2	Herbicide	-	-	developmental (18-May-99)
Bromuconazole I	116255-48-2	Fungicide	-	-	-
Bromuconazole II	999010-03-6	Fungicide	-	-	-
Bufen carb	8065-36-9	Insecticide	-	-	-
Bupirimate	41483-43-6	Fungicide,	-	-	-
Buprofezin	69327-76-0	Insecticide	-	-	-
Butachlor	23184-66-9	Herbicide,	-	-	-
Butafenacil	134605-64-4	Herbicide	-	-	-
Butamifos	36335-67-8	Herbicide,	-	-	-
Butoxycarboxim	34681-23-7	Insecticide	-	-	-
Butralin	33629-47-9	Herbicide	-	-	-
Butyl benzyl phthalate	85-68-7	Industrial,	3(1999)	Oral RfD Assessment: Yes (Last revised: 09-01-1989). Carcinogenicity Assessment: Yes (Last revised: 08-22-1988).	developmental (2-Dec-05)
Butylate	2008-41-5	Herbicide	-	Oral RfD Assessment: Yes (Last revised: 10-01-1994).	-
Butylated hydroxyanisole	25013-16-5	Pharmacological, Personal Care,	2B(1987)	-	cancer (1-Jan-90)
butylated hydroxytoluene	128-37-0	Industrial,	3(1987)	-	-

Compound	CAS #	Classification	Risk		
			WHO IARC *	EPA IRIS**	Cal/EPA***
Cadusafos	95465-99-9	Insecticide	-	-	-
Cafenstrole	125306-83-4	Herbicide	-	-	-
Caffeine	58-08-2	Pharmacological,	3(1991)	-	-
Captafol	2425-06-1	Fungicide	2A(1991)	Oral RfD Assessment: Yes (Last revised: 09-30-1987).	cancer (1-Oct-88)
Captan	133-06-2	Fungicide,	3(1987)	Oral RfD Assessment: Yes (Last revised: 03-01-1989).	cancer (1-Jan-90)
Carbaryl	63-25-2	Insecticide, PAH,	3(1987)	Oral RfD Assessment: Yes (Last revised: 01-31-1987). Inhalation RfC Assessment: Message (Last revised: 11-01-1991).	cancer (5-Feb-10) developmental, female, male (7-Aug-09)
Carbazole	86-74-8	Industrial	2B(2013)	-	cancer (1-May-96)
Carbetamide	16118-49-3	Herbicide	-	-	-
Carbofuran	1563-66-2	Insecticide,	-	Oral RfD Assessment: Yes (Last revised: 09-30-1987).	-
Carbofuran-3-keto	16709-30-1	General Pesticide	-	-	-
Carbofuran-7-phenol	1563-38-8	Pesticide Product,	-	-	-
Carbophenothion	786-19-6	Insecticide	-	-	-
Carbosulfan	55285-14-8	Insecticide	-	Oral RfD Assessment: Yes (Last revised: 01-31-1987).	-
Carboxin	5234-68-4	Fungicide	-	Oral RfD Assessment: Yes (Last revised: 01-31-1987).	-
Carfentrazone-ethyl	128639-02-1	Herbicide	-	-	-
Carpropamid	104030-54-8	Fungicide	-	-	-
Carvone	99-49-0	Fungicide, Personal Care	-	-	-
Cashmeran	33704-61-9	Personal Care,	-	-	-
Cekafix	121227-99-4	Fungicide, Insecticide	-	-	-
Celestolide	13171-00-1	Personal Care,	-	-	-
Chinomethionat	2439-01-2	Fungicide	-	-	cancer (20-Aug-99) developmental (6-Nov-98)
Chloramben methyl ester	7286-84-2	Herbicide	-	-	-
Chloranocryl	2164-09-2	Herbicide	-	-	-
Chlorbenside	103-17-3	General Pesticide	-	-	-
Chlorbenside sulfone	7082-99-7	General Pesticide	-	-	-
Chlorbicyclen	2550-75-6	Insecticide	-	-	-
Chlorbromuron	13360-45-7	Herbicide	-	-	-
Chlorbufam	1967-16-4	Herbicide	-	-	-
Chlordene, trans-	3734-48-3	Insecticide, Industrial	-	-	-
Chlordimeform	6164-98-3	Insecticide,	3(1987)	-	cancer (1-Jan-89)
Chlorethoxyfos	54593-83-8	Insecticide	-	-	-
Chlorfenapyr	122453-73-0	Insecticide	-	-	-

Compound	CAS #	Classification	Risk		
			WHO IARC *	EPA IRIS**	Cal/EPA***
Chlorfenethol	80-06-8	General Pesticide	-	-	-
Chlorfenprop-methyl	14437-17-3	Herbicide	-	-	-
Chlorfenson	80-33-1	Fungicide, Insecticide	-	-	-
Chlorfenvinphos	470-90-6	Insecticide,	-	-	-
Chlorfenvinphos, cis-	18708-87-7	Insecticide	-	-	-
Chlorfenvinphos, trans-	18708-86-6	Insecticide	-	-	-
Chlorflurecol-methyl ester	2536-31-4	Herbicide, PAH	-	-	-
Chlormefos	24934-91-6	Insecticide	-	-	-
Chlornitrofen	1836-77-7	Herbicide,	-	-	-
Chlorobenzilate	510-15-6	General Pesticide,	3(1987)	Oral RfD Assessment: Yes (Last revised: 12-01-1989).	cancer (1-Jan-90)
Chloroneb	2675-77-6	Fungicide	-	-	-
Chloropropylate	5836-10-2	General Pesticide,	-	-	-
Chlorothalonil	1897-45-6	General Pesticide, Fungicide, Insecticide,	2B(1999)	Oral RfD Assessment: Yes (Last revised: 03-01-1988).	cancer (1-Jan-89)
Chlorotoluron	15545-48-9	Herbicide,	-	-	-
Chlorpropham	101-21-3	Herbicide,	3(1987)	-	-
Chlorpyrifos	2921-88-2	Insecticide, Pharmacological,	-	Oral RfD Assessment: No (Last revised: 03-01-1988).	-
Chlorpyrifos Methyl	5598-13-0	Insecticide,	-	-	-
Chlorthiamid	1918-13-4	Herbicide	-	-	-
Chlorthion	500-28-7	Insecticide	-	-	-
Chlorthiophos	60238-56-4	Insecticide	-	-	-
Chlorthiophos sulfone	999053-03-1	General Pesticide	-	-	-
Chlorthiophos sulfoxide	29185-21-5	Pesticide Product	-	-	-
Chlozolinate	84332-86-5	Fungicide	-	-	-
chrysene	218-01-9	PAH,	2B(2010)	Carcinogenicity Assessment: Yes (Last revised: 12-01-1990)	cancer (1-Jan-90)
Cinerin I	25402-06-6	Insecticide	-	-	-
Cinerin II	121-20-0	Insecticide	-	-	-
Cinidon-ethyl	142891-20-1	Herbicide	-	-	-
cinnamal	104-55-2	Fungicide, Personal Care, Industrial, Natural,	-	-	-
cinnamyl alcohol	104-54-1	Personal Care, Natural	-	-	-
cis-Nonachlor	5103-73-1	Insecticide,	-	-	-
Citral A	5392-40-5	Personal Care, Natural	-	-	-
Citral B	5392-40-5	Personal Care, Natural	-	-	-
Clodinafop-propargyl	105512-06-9	Herbicide	-	-	-
Clomazone	81777-89-1	Herbicide	-	-	-
Cloquintocet-mexyl	99607-70-2	Herbicide	-	-	-
coronene	191-07-1	PAH	3(1987)	-	-
Coumaphos	56-72-4	Insecticide	-	-	-
Coumarin	91-64-5	Personal Care, Natural	3(2000)	-	-
Crimidine	535-89-7	Rodenticide	-	-	-
Crotoxyphos	7700-17-6	Insecticide	-	-	-

Compound	CAS #	Classification	Risk		
			WHO IARC *	EPA IRIS**	Cal/EPA***
Cruformate	299-86-5	Insecticide	-	-	-
Cyanazine	21725-46-2	Herbicide,	-	Oral RfD Assessment: Withdrawn (Last revised: 07-01-1992).	developmental (1-Apr-90)
Cyanofenphos	13067-93-1	Insecticide,	-	-	-
Cyanophos	2636-26-2	Insecticide,	-	-	-
Cyclafuramid	34849-42-8	Fungicide	-	-	-
Cycloate	1134-23-2	Herbicide	-	-	developmental (19-Mar-99)
cyclopenta[cd]pyrene	27208-37-3	PAH,	2A(2010)	-	cancer (29-Apr-11)
Cyclopentadecanone	502-72-7	Personal Care	-	-	-
Cycluron	2163-69-1	Herbicide	-	-	-
Cyflufenamid	180409-60-3	Fungicide	-	-	-
Cyfluthrin I	68359-37-5	Insecticide,	-	Oral RfD Assessment: Yes (Last revised: 03-01-1988).	-
Cyfluthrin II	999028-03-4	Insecticide	-	-	-
Cyfluthrin III	999029-03-7	Insecticide	-	-	-
Cyfluthrin IV	999030-03-4	Insecticide	-	-	-
Cyhalofop-butyl	122008-85-9	Herbicide	-	-	-
Cyhalothrin (Gamma)	91465-08-6	Insecticide,	-	-	-
Cyhalothrin I (lambda)	68085-85-8	Fungicide, Insecticide,	-	-	-
Cymiazole	61676-87-7	General Pesticide	-	-	-
Cymoxanil	57966-95-7	Fungicide	-	-	-
Cypermethrin-1	52315-07-8	Insecticide,	-	-	-
Cypermethrin-2	52315-07-8	Insecticide,	-	-	-
Cypermethrin-3	52315-07-8	Insecticide,	-	-	-
Cypermethrin-4	52315-07-8	Insecticide,	-	-	-
Cyphenothrin cis-	39515-40-7	Insecticide	-	-	-
Cyphenothrin trans-	999011-03-9	Insecticide	-	-	-
Cyprazine	22936-86-3	Herbicide	-	-	-
Cyproconazole	113096-99-4	Insecticide	-	-	-
Cyprodinil	121552-61-2	Fungicide,	-	-	-
Cyprofuram	69581-33-5	Fungicide	-	-	-
Cyromazine	66215-27-8	Insecticide	-	-	-
d-(cis-trans)-Phenothrin-I	26002-80-2	Insecticide,	-	-	-
d-(cis-trans)-Phenothrin-II	999034-03-6	Insecticide	-	-	-
d-Limonene	5989-27-5	Personal Care, Natural	3(1999)	Inhalation RfC Assessment: Discussion (Last revised: 12-01-1993).	-
Dacthal	1861-32-1	Herbicide,	-	Oral RfD Assessment: Yes (Last revised: 08-01-1994).	-
Dazomet	533-74-4	Fungicide, Herbicide, Insecticide, Industrial	-	-	-
DDMU [1-Chloro-2,2-bis(4'-chlorophenyl)ethylene]	1022-22-6	General Pesticide	-	-	-

Compound	CAS #	Classification	Risk		
			WHO IARC *	EPA IRIS**	Cal/EPA***
delta-BHC	319-86-8	Insecticide,	-	Carcinogenicity Assessment: Yes (Last revised: 03-31-1987)	-
Deltamethrin	52918-63-5	Insecticide,	3(1991)	-	-
Demephion	8065-62-1	General Pesticide	-	-	-
Demeton-s	126-75-0	Insecticide	-	-	-
Demeton-S-methyl	919-86-8	Insecticide	-	-	-
Demeton-S-methylsulfon	17040-19-6	Insecticide	-	-	-
Desbromo-bromobutide	999055-03-7	Herbicide	-	-	-
Desmedipham	13684-56-5	Herbicide	-	-	-
Desmetryn	1014-69-3	Herbicide	-	-	-
Di-n-butyl phthalate	84-74-2	Insecticide, Personal Care, Industrial,	-	Oral RfD Assessment: Yes (Last revised: 01-31-1987). Inhalation RfC Assessment: Message (Last revised: 10-01-1990). Carcinogenicity Assessment: Yes (Last revised: 09-07-1988)	developmental, female, male (2-Dec-05)
Di-n-hexyl phthalate	84-75-3	Industrial,	-	-	female, male (2-Dec-05)
Di-n-nonyl phthalate	84-76-4	Industrial,	-	-	-
Di-n-octyl phthalate	117-84-0	Industrial,	-	-	-
Di-n-propyl phthalate	131-16-8	Pharmacological, Industrial,	-	-	-
Dialifos	10311-84-9	Insecticide	-	-	-
Diallate I	2303-16-4	Herbicide	3(1987)	-	-
Diallate II	17708-57-5	Herbicide	-	-	-
Diamyl phthalate	131-18-0	Industrial,	-	-	-
Diazinon	333-41-5	Insecticide, Pharmacological,	2	-	-
Diazinon-oxon	962-58-3	General Pesticide	-	-	-
Dibenzo-p-dioxin	262-12-4	Dioxins/Furans	3(1997)	-	-
dibenzo[a,e]fluoranthene	5385-75-1	PAH,	3(2010)	-	-
dibenzo[a,e]pyrene	192-65-4	PAH,	3(2010)	-	cancer (1-Jan-88)
dibenzo[a,h]anthracene	53-70-3	PAH,	2A(2010)	Carcinogenicity Assessment: Yes (Last revised: 12-01-1990)	cancer (1-Jan-88)
dibenzo[a,h]pyrene	189-64-0	PAH,	2B(2010)	-	cancer (1-Jan-88)
dibenzo[a,i]pyrene	189-55-9	PAH,	2B(2010)	-	cancer (1-Jan-88)
dibenzo[a,l]pyrene	191-30-0	PAH,	2A(2010)	-	cancer (1-Jan-88)
dibenzo[e,l]pyrene	192-51-8	PAH	3(2010)	-	-
Dibenzofuran	132-64-9	Dioxins/Furans	-	Carcinogenicity Assessment: Yes (Last revised: 10-01-1990)	-
dibenzothiophene	132-65-0	PAH, Pharmacological, Personal Care, Industrial,	3(2013)	-	-
Dicamba	1918-00-9	Herbicide,	-	Oral RfD Assessment: Yes (Last revised: 08-22-1988).	-
Dicamba methyl ester	6597-78-0	Pharmacological	-	-	-

Compound	CAS #	Classification	Risk		
			WHO IARC *	EPA IRIS**	Cal/EPA***
Dicaphon	2463-84-5	Insecticide	-	-	-
Dichlofenthion	97-17-6	Insecticide,	-	-	-
Dichlofluanid	1085-98-9	Fungicide,	-	-	-
Dichlofluanid metabolite (DMSA)	4710-17-2	Pharmacological	-	-	-
Dichlone	117-80-6	Fungicide, Herbicide, OPAH,	-	-	-
Dichloran	99-30-9	Fungicide, Industrial	-	-	-
Dichlormid	37764-25-3	Herbicide, Insecticide	-	-	-
Dichlorophen	97-23-4	Fungicide, Pharmacological,	-	-	developmental (27-Apr-99)
Dichlorprop	120-36-5	Herbicide,	-	-	-
Dichlorprop methyl ester	57153-17-0	General Pesticide	-	-	-
Dichlorvos	62-73-7	Insecticide,	2B(1991)	Oral RfD Assessment: Yes (Last revised: 11-01-1993). Inhalation RfC Assessment: Yes (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1989)	cancer (1-Jan-89)
Diclobutrazol	75736-33-3	Fungicide,	-	-	-
Diclocymet I	139920-32-4	Fungicide	-	-	-
Diclocymet II	999059-03-9	Fungicide	-	-	-
Diclofop methyl	51338-27-3	Herbicide,	-	-	developmental (5-Mar-99) cancer (6-Apr-10)
Dicrotophos	141-66-2	Insecticide	-	-	-
Dicyclohexyl phthalate	84-61-7	Industrial,	-	-	-
Dicyclopentadiene	77-73-6	PAH, Industrial	-	-	-
Dieldrin	60-57-1	Insecticide,	-	Oral RfD Assessment: Yes (Last revised: 09-07-1988). Carcinogenicity Assessment: Yes (Last revised: 09-07-1988)	cancer (1-Jul-88)
Diethatyl ethyl	38727-55-8	Herbicide	-	-	-
Diethofencarb	87130-20-9	Fungicide,	-	-	-
Diethyl dithiobis(thionoformate) (EXD)	502-55-6	Herbicide	-	-	-
Diethyl phthalate	84-66-2	Insecticide, Industrial,	-	Oral RfD Assessment: Yes (Last revised: 09-30-1987). Carcinogenicity Assessment: Yes (Last revised: 09-07-1988)	-
Diethylene glycol	111-46-6	Industrial,	-	-	-
Diethylstilbestrol	56-53-1	Pharmacological	1(2012)	-	cancer (27-Feb-87) developmental (1-Jul-87)
Difenoconazol I	119446-68-3	Fungicide,	-	-	-
Difenoconazol II	999036-03-2	Fungicide	-	-	-
Difenoxyuron	14214-32-5	Herbicide	-	-	-

Compound	CAS #	Classification	Risk		
			WHO IARC *	EPA IRIS**	Cal/EPA***
Diflufenican	83164-33-4	Herbicide	-	-	-
Diisobutyl phthalate	84-69-5	Industrial,	-	-	-
Dimefox	115-26-4	Insecticide	-	-	-
Dimepiperate	61432-55-1	Herbicide	-	-	-
Dimethachlor	50563-36-5	Herbicide	-	-	-
Dimethametryn	22936-75-0	Herbicide	-	-	-
Dimethenamid	87674-68-8	Herbicide	-	-	-
Dimethipin	55290-64-7	General Pesticide	-	-	-
Dimethoate	60-51-5	Insecticide, Pharmacological,	-	-	-
Dimethomorph-(E)	110488-70-5	Fungicide,	-	-	-
Dimethomorph-(Z)	999012-03-2	Fungicide	-	-	-
Dimethyl phthalate	131-11-3	Insecticide, Industrial,	-	Inhalation RfC Assessment: Message (Last revised: 09-01-1990). Carcinogenicity Assessment: Yes (Last revised: 09-07-1988)	-
Dimethylvinphos(E)	71363-52-5	Insecticide	-	-	-
Dimethylvinphos(Z)	67628-93-7	Insecticide	-	-	-
Dimetilan	644-64-4	Insecticide	-	-	-
Dimoxystrobin	149961-52-4	Fungicide	-	-	-
Diniconazole	83657-24-3	Fungicide	-	-	-
Dinitramine	29091-05-2	Herbicide	-	-	-
Dinobuton	973-21-7	Fungicide	-	-	-
Dinocap	39300-45-3	Fungicide,	-	-	developmental (1-Apr-90)
Dinocap II	999037-03-5	Fungicide	-	-	-
Dinocap III	999038-03-8	Fungicide	-	-	-
Dinocap IV	999039-03-1	Fungicide	-	-	-
Dinoseb	88-85-7	Fungicide, Herbicide, Insecticide,	-	Oral RfD Assessment: Yes (Last revised: 01-31-1987). Carcinogenicity Assessment: Yes (Last revised: 08-01-1989)	developmental, male (1-Jan-89)
Dinoseb acetate	2813-95-8	Herbicide	-	-	-
Dinoseb methyl ether	6099-79-2	General Pesticide	-	-	-
Dinoterb	1420-07-1	Herbicide	-	-	-
Dinoterb acetate	3204-27-1	Herbicide, Insecticide	-	-	-
Diofenolan I	63837-33-2	Insecticide	-	-	-
Diofenolan II	999013-03-5	Insecticide	-	-	-
Dioxabenzofos	3811-49-2	Insecticide	-	-	-
Dioxacarb	6988-21-2	Insecticide	-	-	-
Dioxathion	78-34-2	Insecticide	-	-	-
Diphacinone	82-66-6	Rodenticide, PAH	-	-	-
Diphenamid	957-51-7	Herbicide	-	Oral RfD Assessment: Yes (Last revised: 09-30-1987).	-
Diphenyl phthalate	84-62-8	General Pesticide, Industrial,	-	-	-

Compound	CAS #	Classification	Risk		
			WHO IARC *	EPA IRIS**	Cal/EPA***
Diphenylamine	122-39-4	Fungicide	-	-	-
Dipropetryn	4147-51-7	Herbicide	-	-	-
Dipropyl isocinchomeronate	136-45-8	Insecticide	-	-	cancer (1-May-96)
Disulfoton	298-04-4	Insecticide	-	Oral RfD Assessment: Yes (Last revised: 03-31-1987).	-
Disulfoton sulfone	2497-06-5	Insecticide	-	-	-
Ditalimfos	5131-24-8	Fungicide	-	-	-
Dithiopyr	97886-45-8	Herbicide	-	-	-
Diuron	330-54-1	Herbicide,	-	Oral RfD Assessment: Yes (Last revised: 08-22-1988).	cancer (31-May-02)
Diuron Metabolite [3,4-Dichlorophenyl isocyanate]	102-36-3	Industrial	-	-	-
Dodemorph I	1593-77-7	Fungicide,	-	-	-
Dodemorph II	999040-03-8	Fungicide	-	-	-
Drazoxolon	5707-69-7	Fungicide	-	-	-
drometrizole	2440-22-4	Industrial	-	-	-
Edifenphos	17109-49-8	Fungicide	-	-	-
Empenthrin I	54406-48-3	Insecticide	-	-	-
Empenthrin II	999014-03-8	Insecticide	-	-	-
Empenthrin III	999015-03-1	Insecticide	-	-	-
Empenthrin IV	999016-03-4	Insecticide	-	-	-
Empenthrin V	999017-03-7	Insecticide	-	-	-
Endosulfan ether	3369-52-6	General Pesticide	-	-	-
Endosulfan I	959-98-8	Insecticide,	-	-	-
Endosulfan II	33213-65-9	Insecticide,	-	-	-
Endosulfan lactone	3868-61-9	General Pesticide	-	-	-
Endosulfan sulfate	1031-07-8	Insecticide,	-	-	-
Endrin	72-20-8	Fungicide, Insecticide, Rodenticide,	3(1987)	Oral RfD Assessment: Yes (Last revised: 09-07-1988). Carcinogenicity Assessment: Yes (Last revised: 10-01-1989).	developmental (15-May-98)
Endrin aldehyde	7421-93-4	Fungicide, Insecticide, Rodenticide	-	-	-
Endrin ketone	53494-70-5	General Pesticide	-	-	-
EPN	2104-64-5	Insecticide, Pharmacological,	-	Oral RfD Assessment: Yes (Last revised: 09-30-1987).	-
Epoxiconazole	106325-08-0	General Pesticide	-	-	cancer (15-Apr-11)
EPTC	759-94-4	Herbicide,	-	-	developmental (27-Apr-99)
Erbon	136-25-4	Herbicide	-	-	-
Esfenvalerate	66230-04-4	Insecticide,	-	-	-
Esprocarb	85785-20-2	Herbicide	-	-	-
Etaconazole	60207-93-4	Fungicide	-	-	-
Ethalfuralin	55283-68-6	Herbicide	-	-	-
Ethidimuron	30043-49-3	Herbicide	-	-	-
Ethiofencarb	29973-13-5	Insecticide	-	-	-

Compound	CAS #	Classification	Risk		
			WHO IARC *	EPA IRIS**	Cal/EPA***
Ethiolate	2941-55-1	Herbicide	-	-	-
Ethion	563-12-2	Insecticide,	-	Oral RfD Assessment: Yes (Last revised: 09-01-1989).	-
Ethofenprox	80844-07-1	Insecticide,	-	-	-
Ethofumesate	26225-79-6	Herbicide	-	-	-
Ethofumesate, 2-Keto	26244-33-7	General Pesticide	-	-	-
Ethoprophos	13194-48-4	Insecticide	-	-	cancer (27-Feb-01)
Ethoxyfen-ethyl	131086-42-5	Herbicide	-	-	-
Ethoxyquin	91-53-2	Fungicide,	-	-	-
Ethylene brassylate	105-95-3	Personal Care	-	-	-
Ethylenethiourea	96-45-7	Fungicide, Industrial,	3(2001)	Oral RfD Assessment: Yes (Last revised: 05-01-1991).	cancer (1-Jan-88) developmental (1-Jan-93)
Ettoxazole	153233-91-1	General Pesticide	-	-	-
Etrimfos	38260-54-7	Insecticide	-	-	-
Eugenol	97-53-0	Insecticide, Pharmacological, Personal Care, Industrial	3(1987)	-	-
Exaltolide [15-Pentadecanolide]	106-02-5	Personal Care	-	-	-
Famoxadon	131807-57-3	Fungicide	-	-	-
Famphur	52-85-7	Fungicide, Insecticide	-	-	-
Farnesol I	4602-84-0	Personal Care, Natural	-	-	-
Farnesol II	4602-84-0	Personal Care, Natural	-	-	-
Farnesol III	4602-84-0	Personal Care, Natural	-	-	-
Farnesol IV	4602-84-0	Personal Care, Natural	-	-	-
Fenamidone	161326-34-7	Fungicide	-	-	-
Fenamiphos	22224-92-6	Insecticide	-	Oral RfD Assessment: Yes (Last revised: 09-30-1987).	-
Fenamiphos sulfoxide	31972-43-7	General Pesticide	-	-	-
Fenamiphos-sulfone	31972-44-8	General Pesticide	-	-	-
Fenarimol	60168-88-9	Fungicide, Industrial,	-	-	-
Fenazaflor	14255-88-0	Insecticide	-	-	-
Fenazaflor metabolite	4228-88-0	Insecticide	-	-	-
Fenazaquin	120928-09-8	General Pesticide	-	-	-
Fenbuconazole	119611-00-6	Fungicide	-	-	-
Fenchlorazole-ethyl	103112-35-2	Herbicide	-	-	-
Fenchlorphos	299-84-3	Insecticide,	-	-	-
Fenchlorphos-oxon	3983-45-7	Pesticide Product	-	-	-
Fencloirim	3740-92-9	Herbicide	-	-	-
Fenfuram	24691-80-3	Fungicide	-	-	-
Fenhexamid	126833-17-8	Fungicide,	-	-	-
Fenitrothion	122-14-5	Insecticide,	-	-	-
Fenitrothion-oxon	2255-17-6	Insecticide	-	-	-
Fenobucarb	3766-81-2	Insecticide	-	-	-

Compound	CAS #	Classification	Risk		
			WHO IARC *	EPA IRIS**	Cal/EPA***
Fenoprop	93-72-1	Herbicide,	-	Oral RfD Assessment: Yes (Last revised: 09-07-1988). Carcinogenicity Assessment: Yes (Last revised: 08-22-1988)	-
Fenoprop methyl ester	4841-20-7	Herbicide	-	-	-
Fenothiocarb	62850-32-2	General Pesticide	-	-	-
Fenoxanil	115852-48-7	Fungicide	-	-	-
Fenoxaprop-ethyl	66441-23-4	Herbicide	-	-	developmental (26-Mar-99)
Fenoxycarb	79127-80-3	Insecticide	-	-	cancer (2-Jun-00)
Fenpiclonil	74738-17-3	Fungicide,	-	-	-
Fenpropathrin	64257-84-7	Insecticide	-	-	-
Fenpropidin	67306-00-7	Fungicide	-	-	-
Fenson	80-38-6	General Pesticide	-	-	-
Fensulfothion	115-90-2	Insecticide	-	-	-
Fensulfothion-oxon	6552-21-2	Insecticide	-	-	-
Fensulfothion-oxon -sulfone	6132-17-8	Insecticide	-	-	-
fensulfothion-sulfone	14255-72-2	Insecticide	-	-	-
Fenthion	55-38-9	Insecticide,	-	-	-
Fenthion sulfoxide	3761-41-9	Insecticide	-	-	-
Fenthion-sulfone	3761-42-0	Insecticide	-	-	-
Fenuron	101-42-8	Herbicide	-	-	-
Fenvalerate	51630-58-1	Insecticide,	3(1991)	Oral RfD Assessment: Yes (Last revised: 03-31-1987).	-
Fenvalerate II	999041-03-1	Insecticide	-	-	-
Fepropimorph	67564-91-4	Fungicide	-	-	-
Fipronil	120068-37-3	Insecticide, Pharmacological,	-	-	-
Fipronil, Desulfinyl-	205650-65-3	General Pesticide	-	-	-
Fipronil-sulfide	120067-83-6	Insecticide	-	-	-
Fipronil-sulfone	120068-36-2	Insecticide	-	-	-
Flamprop-isopropyl	52756-22-6	Herbicide	-	-	-
Flamprop-methyl	52756-25-9	Herbicide	-	-	-
Fluacrypyrim	229977-93-9	General Pesticide	-	-	-
Fluazifop-p-butyl	79241-46-6	Herbicide	-	-	-
Fluazinam	79622-59-6	Fungicide	-	-	-
Fluazolate	174514-07-9	Herbicide	-	-	-
Flubenzimine	37893-02-0	Fungicide	-	-	-
Fluchloralin	33245-39-5	Herbicide	-	-	-
Flucythrinate I	70124-77-5	Insecticide,	-	-	-
Flucythrinate II	999042-03-4	Insecticide	-	-	-
Fludioxonil	131341-86-1	Fungicide,	-	-	-
Flufenacet	142459-58-3	Herbicide,	-	-	-
Flumetralin	62924-70-3	Herbicide	-	-	-
Flumiclorac-pentyl	87546-18-7	Herbicide	-	-	-
Flumioxazin	103361-09-7	Herbicide	-	-	-

Compound	CAS #	Classification	Risk		
			WHO IARC *	EPA IRIS**	Cal/EPA***
Fluometuron	2164-17-2	Herbicide	3(1987)	Oral RfD Assessment: Yes (Last revised: 09-30-1987).	-
fluoranthene	206-44-0	PAH, Pharmacological,	3(2010)	Oral RfD Assessment: Yes (Last revised: 09-01-1990). Carcinogenicity Assessment: Yes (Last revised: 12-01-1990)	-
fluorene	86-73-7	PAH,	3(2010)	Oral RfD Assessment: Yes (Last revised: 11-01-1990). Carcinogenicity Assessment: Yes (Last revised: 12-01-1990)	-
Fluorodifen	15457-05-3	Herbicide	-	-	-
Fluoroglycofen-ethyl	77501-90-7	Herbicide	-	-	-
Fluoroimide	41205-21-4	Fungicide	-	-	-
Fluotrimazole	31251-03-3	Fungicide	-	-	-
Fluoxastrobin cis-	361377-29-9	Fungicide, Herbicide	-	-	-
Fluquinconazole	136426-54-5	Fungicide	-	-	-
Flurenol-butyl ester	2314-09-2	Herbicide	-	-	-
Flurenol-methylester	1216-44-0	General Pesticide	-	-	-
Fluridone	59756-60-4	Herbicide	-	Oral RfD Assessment: Yes (Last revised: 08-22-1988).	-
Flurochloridone I	61213-25-0	Herbicide	-	-	-
Flurochloridone II	999043-03-7	Herbicide	-	-	-
Flurochloridone, deschloro-	999003-03-1	Pesticide Product	-	-	-
Fluroxypyr-1-methylheptyl ester	81406-37-3	Herbicide	-	-	-
Flurprimidol	56425-91-3	General Pesticide	-	-	-
Flurtamone	96525-23-4	Herbicide	-	-	-
Flusilazole	85509-19-9	Fungicide,	-	-	-
Fluthiacet-methyl	117337-19-6	Herbicide	-	-	-
Flutolanil	66332-96-5	Fungicide,	-	-	-
Flutriafol	76674-21-0	Fungicide,	-	-	-
Fluvalinate-tau-I	102851-06-9	Insecticide	-	-	-
Fluvalinate-tau-II	999044-03-0	Insecticide	-	-	-
Folpet	133-07-3	Fungicide	-	-	cancer (1-Jan-89)
Fonofos	944-22-9	Insecticide	-	Oral RfD Assessment: Yes (Last revised: 03-31-1987).	-
Formothion	2540-82-1	Insecticide	-	-	-
Fosthiazate I	98886-44-3	Insecticide	-	-	-
Fosthiazate II	999018-03-0	Insecticide	-	-	-
Fuberidazole	3878-19-1	Fungicide	-	-	-
Furalaxyl	57646-30-7	Fungicide	-	-	-
Furathiocarb	65907-30-4	Insecticide	-	-	-
Furilazole	121776-33-8	Herbicide	-	-	cancer (22-Mar-11)

Compound	CAS #	Classification	Risk		
			WHO IARC *	EPA IRIS**	Cal/EPA***
Furmecyclox	60568-05-0	Fungicide	-	Carcinogenicity Assessment: Yes (Last revised: 09-07-1988)	cancer (1-Jan-90)
Galaxolide	1222-05-5	Personal Care, Industrial,	-	-	-
gamma-Chlordane	5103-74-2	Insecticide,	-	-	-
Geraniol	106-24-1	Personal Care, Natural	-	-	-
guaiacol	90-05-1	Industrial, Natural,	-	-	-
Halfenprox	111872-58-3	Insecticide	-	-	-
Haloxypop-methyl	69806-40-2	Herbicide	-	Oral RfD Assessment: Yes (Last revised: 05-01-1990).	-
Heptachlor	76-44-8	Fungicide, Insecticide,	2B(2001)	Oral RfD Assessment: Yes (Last revised: 09-30-1987). Carcinogenicity Assessment: Yes (Last revised: 09-30-1987)	cancer (1-Jul-88) developmental (20-Aug-99)
Heptachlor epoxide	1024-57-3	Insecticide,	-	Oral RfD Assessment: Yes (Last revised: 09-30-1987). Carcinogenicity Assessment: Yes (Last revised: 09-30-1987)	cancer (1-Jul-88)
Heptachlor epoxide isomer A	28044-83-9	General Pesticide	-	-	-
Heptenophos	23560-59-0	Insecticide	-	-	-
Hexabromobenzene	87-82-1	Flame Retardant	-	Oral RfD Assessment: Yes (Last revised: 03-31-1987).	-
Hexachlorobenzene	118-74-1	Fungicide, Industrial,	2B(2001)	Oral RfD Assessment: Yes (Last revised: 09-26-1988). Inhalation RfC Assessment: Message (Last revised: 03-01-1991). Carcinogenicity Assessment: Yes (Last revised: 03-01-1991)	cancer (1-Oct-87) developmental (1-Jan-89)
Hexachlorophene	70-30-4	Fungicide, Pharmacological,	3(1987)	Oral RfD Assessment: Yes (Last revised: 08-22-1988).	-
Hexaconazole	79983-71-4	Fungicide,	-	-	-
Hexazinone	51235-04-2	Herbicide	-	Oral RfD Assessment: Yes (Last revised: 09-30-1987).	-
Hexestrol	84-16-2	Pharmacological	-	-	-
Hydroprene	41096-46-2	Insecticide,	-	-	-
hydroxy-citronellal	107-75-5	Personal Care	-	-	-
Imazalil	35554-44-0	Fungicide, Industrial,	-	-	cancer (20-May-11)
Imazamethabenz-methyl I	81405-85-8	Herbicide	-	-	-

Compound	CAS #	Classification	Risk		
			WHO IARC *	EPA IRIS**	Cal/EPA***
Imazamethabenz-methyl II	999019-03-3	Herbicide	-	-	-
Imibenconazole	86598-92-7	Fungicide	-	-	-
Imibenconazole-desbenzyl	199338-48-2	Pesticide Product	-	-	-
Imidan	732-11-6	Insecticide	-	Oral RfD Assessment: Yes (Last revised: 01-31-1987).	-
indeno[1,2,3-cd]pyrene	193-39-5	PAH,	2B(2010)	Carcinogenicity Assessment: Yes (Last revised: 12-01-1990)	cancer (1-Jan-88)
indole	120-72-9	Personal Care, Industrial,	-	-	-
Indoxacarb and Dioxacarb decomposition product [Phenol, 2-(1,3-dioxolan-2-yl)-]	999058-03-6	Insecticide,	-	-	-
loxynil	1689-83-4	Herbicide,	-	-	-
loxynil octanoate	3861-47-0	Herbicide	-	-	-
Ipconazole	125225-28-7	Fungicide	-	-	-
Iprobenfos	26087-47-8	Fungicide	-	-	-
Iprodione	36734-19-7	Fungicide,	-	Oral RfD Assessment: Yes (Last revised: 06-30-1988).	cancer (1-May-96)
Iprovalicarb I	140923-25-7	Fungicide	-	-	cancer (1-Jun-07)
Iprovalicarb II	999020-03-0	Fungicide	-	-	-
Irgarol	28159-98-0	General Pesticide,	-	-	-
Isazophos	42509-80-8	Fungicide, Insecticide	-	-	-
Isobenzan	297-78-9	Insecticide	-	-	-
Isobornyl thiocynoacetate	115-31-1	Insecticide	-	-	-
Isocarbamide	30979-48-7	Herbicide	-	-	-
Isocarbophos	24353-61-5	Insecticide	-	-	-
Isodrin	465-73-6	Insecticide	-	-	-
isoeugenol	97-54-1	Personal Care, Natural,	-	-	-
Isafenphos	25311-71-1	Insecticide,	-	-	-
Isafenphos-oxon	31120-85-1	General Pesticide	-	-	-
Isomethiozin	57052-04-7	Herbicide	-	-	-
Isoprocab	2631-40-5	Insecticide	-	-	-
Isopropalin	33820-53-0	Herbicide	-	Oral RfD Assessment: Yes (Last revised: 01-31-1987).	-
Isoprothiolane	50512-35-1	Fungicide, Insecticide,	-	-	-
Isoproturon	34123-59-6	Herbicide,	-	-	-
Isoxaben	82558-50-7	Herbicide	-	Oral RfD Assessment: Yes (Last revised: 09-26-1988). Carcinogenicity Assessment: Yes (Last revised: 09-01-1991)	-
Isxadifen-ethyl	163520-33-0	Herbicide	-	-	-
Isxaflutole	141112-29-0	Herbicide	-	-	cancer (22-Dec-00)
Isxathion	18854-01-8	Insecticide,	-	-	-
Jasmolin I	4466-14-2	Insecticide	-	-	-

Compound	CAS #	Classification	Risk		
			WHO IARC *	EPA IRIS**	Cal/EPA***
Jasmolin II	1172-63-0	Insecticide	-	-	-
Jodfenphos	18181-70-9	Insecticide	-	-	-
Kepone	143-50-0	Fungicide, Insecticide,	2B(1987)	Oral RfD Assessment: Yes (Last revised: 09-22-2009). Inhalation RfC Assessment: Discussion (Last revised: 09-22-2009). Carcinogenicity Assessment: Yes (Last revised: 09-22-2009)	cancer (1-Jan-88) developmental (1-Jan-89)
Kinoprene	42588-37-4	Insecticide,	-	-	-
Kresoxim-methyl	143390-89-0	Fungicide	-	-	cancer (3-Feb-12)
Lactofen	77501-63-4	Herbicide	-	-	cancer (1-Jan-89)
Lenacil	2164-08-1	Herbicide	-	-	-
Leptophos	21609-90-5	Insecticide,	-	-	-
Leptophos oxon	25006-32-0	Insecticide	-	-	-
lilial	80-54-6	Personal Care,	-	-	-
Linalool	78-70-6	Insecticide, Personal Care	-	-	-
Lindane	58-89-9	Fungicide, Insecticide,		Oral RfD Assessment: Yes (Last revised: 01-31-1987).	-
Linuron	330-55-2	Herbicide,	-	-	developmental (19-Mar-99)
lyral	31906-04-4	Personal Care	-	-	-
m-Cresol	108-39-4	Industrial	-	Oral RfD Assessment: Yes (Last revised: 08-22-1988). Inhalation RfC Assessment: Message (Last revised: 04-01-1992). Carcinogenicity Assessment: Yes (Last revised: 09-01-1990)	-
m-toluidine	108-44-1	Industrial,	-	-	-
Malathion	121-75-5	Insecticide, Pharmacological,	2	Oral RfD Assessment: Yes (Last revised: 09-30-1987).	cancer (20-May-16)
Malathion-o-analog	1634-78-2	Insecticide,	-	-	-
MCPA methyl ester	2436-73-9	General Pesticide	-	-	-
MCPA-butoxyethyl ester	19480-43-4	Herbicide	-	-	-
MCPB methyl ester	57153-18-1	Herbicide	-	-	-
Mecarbam	2595-54-2	Insecticide	-	-	-
Mecoprop methyl ester	23844-56-6	General Pesticide	-	-	-
Mefenacet	73250-68-7	Herbicide,	-	-	-
Mefenpyr-diethyl	135590-91-9	Herbicide	-	-	-
Mefluidide	53780-34-0	Herbicide	-	-	-
Menazon	78-57-9	Insecticide	-	-	-
Mepanipyrin	110235-47-7	Fungicide	-	-	cancer (1-Jul-08)

Compound	CAS #	Classification	Risk		
			WHO IARC *	EPA IRIS**	Cal/EPA***
Mephosfolan	950-10-7	Insecticide	-	-	-
Mepronil	55814-41-0	Fungicide	-	-	-
Merphos	150-50-5	General Pesticide	-	Oral RfD Assessment: Yes (Last revised: 09-07-1988). Inhalation RfC Assessment: Message (Last revised: 11-01-1992).	-
Metalaxyl	57837-19-1	Fungicide	-	Oral RfD Assessment: Yes (Last revised: 01-31-1987).	-
Metamitron	41394-05-2	Herbicide	-	-	-
Metazachlor	67129-08-2	Herbicide	-	-	-
Metconazole I	125116-23-6	Fungicide	-	-	-
Metconazole II	999021-03-3	Fungicide	-	-	-
Methabenzthiazuron [decomposition product]	16954-69-1	Herbicide	-	-	-
Methacrifos	62610-77-9	Insecticide	-	-	-
Methamidophos	10265-92-6	Insecticide,	-	Oral RfD Assessment: Yes (Last revised: 09-30-1987).	-
Methfuroxam	28730-17-8	Fungicide	-	-	-
Methidathion	950-37-8	Insecticide	-	-	-
Methiocarb	2032-65-7	Insecticide,	-	-	-
Methiocarb Sulfone	2179-25-1	General Pesticide	-	-	-
Methiocarb sulfoxide	2635-10-1	General Pesticide	-	-	-
Methomyl	16752-77-5	Insecticide,	-	Oral RfD Assessment: Yes (Last revised: 01-31-1987).	-
Methoprene I	40596-69-8	Insecticide,	-	-	-
Methoprene II	65733-16-6	Insecticide	-	-	-
Methoprotryne	841-06-5	Herbicide	-	-	-
Methoxychlor	72-43-5	Insecticide, Pharmacological,	3(1987)	Oral RfD Assessment: Yes (Last revised: 09-01-1990). Inhalation RfC Assessment: Discussion (Last revised: 12-01-1993). Carcinogenicity Assessment: Yes (Last revised: 09-07-1988).	-
Methoxychlor olefin	2132-70-9	General Pesticide	-	-	-
Methyl (2-naphthoxy)acetate	1929-87-9	Herbicide	-	-	-
METHYL 2-OCTYNOATE	111-12-6	Personal Care	-	-	-
Methyl paraoxon	950-35-6	Insecticide,	-	-	-
Methyl-1-naphthalene acetate	2876-78-0	General Pesticide	-	-	-
Methyldymron	42609-73-4	Herbicide	-	-	-
Methyleugenol	93-15-2	Personal Care, Natural	2B(2013)	-	cancer (16-Nov-01)

Compound	CAS #	Classification	Risk		
			WHO IARC *	EPA IRIS**	Cal/EPA***
Metobromuron	3060-89-7	Herbicide	-	-	-
Metolachlor	51218-45-2	Herbicide,	-	Oral RfD Assessment: Yes (Last revised: 10-01-1990). Carcinogenicity Assessment: Yes (Last revised: 08-22-1988)	-
Metolcarb	1129-41-5	Insecticide	-	-	-
Metominostrobin (E)	133408-50-1	Fungicide	-	-	-
Metominostrobin (Z)	999022-03-6	Fungicide	-	-	-
Metrafenone	220899-03-6	Fungicide	-	-	-
Metribuzin	21087-64-9	Herbicide,	-	Oral RfD Assessment: Yes (Last revised: 01-31-1987). Carcinogenicity Assessment: Yes (Last revised: 12-01-1993)	-
Mevinphos	7786-34-7	Insecticide,	-	-	-
Mirex	2385-85-5	Insecticide,	2B(1987)	Oral RfD Assessment: Yes (Last revised: 10-01-1992).	cancer (1-Jan-88)
Molinate	2212-67-1	Herbicide,	-	Oral RfD Assessment: Yes (Last revised: 09-26-1988).	developmental, female, male (11-Dec-09)
Monalide	7287-36-7	Herbicide	-	-	-
Monocrotophos	6923-22-4	Insecticide,	-	-	-
Monolinuron	1746-81-2	Herbicide	-	-	-
Musk amberette	83-66-9	Personal Care	3(1996)	-	-
Musk Ketone	81-14-1	Personal Care,	-	-	-
Musk Moskene	116-66-5	Personal Care	-	-	-
Musk Tibetene (Moschustibeten)	145-39-1	Personal Care	-	-	-
Musk xylene	81-15-2	Personal Care,	3(1996)	-	-
Myclobutanil	88671-89-0	Fungicide,	-	Oral RfD Assessment: Yes (Last revised: 09-26-1988).	developmental, male (16-Apr-99)
n,n-diethyl-3-aminophenol	91-68-9	Industrial,	-	-	-
N,N-Diethyl-m-toluamide	134-62-3	Insecticide	-	-	-
N-1-Naphthylacetamide	575-36-0	PAH	-	-	-
N-Cyclohexyl-2-benzothiazolylsulfenamide	95-33-0	Industrial	-	-	-
N-Methyl-N-1-naphthyl acetamide	5903-13-9	Insecticide, PAH	-	-	-
n-phenyl-1-naphthylamine	90-30-2	Industrial	-	-	-
n-phenyl-2-naphthylamine	135-88-6	Industrial	3(1987)	-	-
Naled	300-76-5	Insecticide	-	Oral RfD Assessment: Yes (Last revised: 03-31-1987).	-

Compound	CAS #	Classification	Risk		
			WHO IARC *	EPA IRIS**	Cal/EPA***
naphthalene	91-20-3	PAH,	2B(2002)	Oral RfD Assessment: Yes (Last revised: 09-17-1998). Inhalation RfC Assessment: Yes (Last revised: 09-17-1998). Carcinogenicity Assessment: Yes (Last revised: 09-17-1998).	cancer (19-Apr-02)
Naphthalic anhydride	81-84-5	Herbicide, PAH, Industrial	-	-	-
Naphthanthrone	3074-00-8	OPAH	-	-	-
naphtho[1,2-b]fluoranthene	111189-32-3	PAH	3(2010)	-	-
naphtho[2,3-a]pyrene	196-42-9	PAH,	-	-	-
naphtho[2,3-e]pyrene	193-09-9	PAH	3(2010)	-	-
naphtho[2,3-j]fluoranthene	205-83-4	PAH	-	-	-
naphtho[2,3-k]fluoranthene	207-18-1	PAH	-	-	-
Naproanilide	52570-16-8	Herbicide, PAH	-	-	-
Napropamide	15299-99-7	Herbicide, PAH	-	-	-
Nickel dibutylthiocarbamate	13927-77-0	Personal Care, Industrial	-	-	-
Nicotine	54-11-5	Insecticide, Pharmacological,	-	-	developmental (1-Apr-90)
Nitralin	4726-14-1	Herbicide	-	-	-
Nitrapyrin	1929-82-4	Fungicide, Insecticide	-	Oral RfD Assessment: Withdrawn (Last revised: 07-01-1992).	developmental (30-Mar-99) cancer (5-Oct-05)
Nitrofen	1836-75-5	Herbicide,	2B(1987)	-	cancer (1-Jan-88)
Nitrothal-isopropyl	10552-74-6	Fungicide	-	-	-
Norflurazon	27314-13-2	Herbicide	-	-	-
Norflurazon, Desmethyl-	23576-24-1	Herbicide	-	-	-
Nuarimol	63284-71-9	Fungicide,	-	-	-
o-Dichlorobenzene	95-50-1	Herbicide, Insecticide, Industrial,	3(1999)	Oral RfD Assessment: Yes (Last revised: 08-01-1989). Carcinogenicity Assessment: Yes (Last revised: 11-01-1990).	-
o-Phenylphenol	90-43-7	Fungicide, Insecticide, Industrial,	3(1999)	-	cancer (4-Aug-00)
o-Toluidine	95-53-4	Industrial,	1(2012)	-	cancer (1-Jan-88)
Octachlorostyrene	29082-74-4	Industrial,	-	-	-
Octamethyl pyrophosphoramide	152-16-9	Insecticide	-	-	-
Ofurace	58810-48-3	Fungicide	-	-	-
Omethoate	1113-02-6	Insecticide	-	-	-
Orbencarb	34622-58-7	Herbicide	-	-	-
ortho-Aminoazotoluene	97-56-3	Industrial	2B(1987)	-	cancer (1-Jul-87)
Oryzalin	19044-88-3	Herbicide,	-	-	cancer (12-Sep-08)
Oxabetrinil	74782-23-3	Herbicide	-	-	-
Oxadiazon	19666-30-9	Herbicide,	-	Oral RfD Assessment: Yes (Last revised: 09-30-1987).	cancer (1-Jul-91) developmental (15-May-98)

Compound	CAS #	Classification	Risk		
			WHO IARC *	EPA IRIS**	Cal/EPA***
Oxadixyl	77732-09-3	Fungicide	-	-	-
Oxamyl	23135-22-0	Insecticide,	-	Oral RfD Assessment: Yes (Last revised: 03-31-1987).	-
Oxycarboxin	5259-88-1	Fungicide	-	-	-
Oxychlorane	27304-13-8	Insecticide	-	-	-
Oxydemeton-methyl	301-12-2	Insecticide	-	-	female, male (6-Nov-98)
Oxyfluorfen	42874-03-3	Herbicide,	-	-	-
p,p'-DDM [bis(4-chlorophenyl) methane]	101-76-8	Industrial	-	-	-
p,p'-Dibromobenzophenone	3988-03-2	General Pesticide	-	-	-
p,p'-Dicofol	115-32-2	Insecticide,	3(1987)	Carcinogenicity Assessment: Withdrawn (Last revised: 04-01-1992)	-
p-Dichlorobenzene	106-46-7	Fungicide, Insecticide, Industrial	2B(1999)	Inhalation RfC Assessment: Yes (Last revised: 01-01-1994).	cancer (1-Jan-89)
p-Nitrotoluene	99-99-0	Industrial	3(1996)	-	-
p-toluidine	106-49-0	Industrial,	-	-	-
Paclobutrazol	76738-62-0	Herbicide,	-	Oral RfD Assessment: Yes (Last revised: 03-31-1987).	-
Paraoxon	311-45-5	Insecticide, Pharmacological,	-	Carcinogenicity Assessment: Yes (Last revised: 10-01-1992)	-
Parathion-ethyl	56-38-2	Insecticide,	2	Oral RfD Assessment: No (Last revised: 08-22-1988). Carcinogenicity Assessment: Yes (Last revised: 10-01-1993)	cancer (20-May-16)
Parathion-methyl	298-00-0	Fungicide, Insecticide,	3(1987)	Oral RfD Assessment: Yes (Last revised: 03-31-1987).	-
PBB 1	2052-07-5	Flame Retardant, PBB	2A(2016)	-	cancer (1-Jan-88) developmental (1-Oct-94)
PBB 10	59080-32-9	Flame Retardant, PBB	2A(2016)	-	cancer (1-Jan-88) developmental (1-Oct-94)
PBB 15	92-86-4	Flame Retardant, PBB	2A(2016)	-	cancer (1-Jan-88) developmental (1-Oct-94)
PBB 18	59080-34-1	Flame Retardant, PBB	2A(2016)	-	cancer (1-Jan-88) developmental (1-Oct-94)
PBB 2	2113-57-7	Flame Retardant, PBB	2A(2016)	-	cancer (1-Jan-88) developmental (1-Oct-94)
PBB 26	59080-35-2	Flame Retardant, PBB	2A(2016)	-	cancer (1-Jan-88) developmental (1-Oct-94)

Compound	CAS #	Classification	Risk		
			WHO IARC *	EPA IRIS**	Cal/EPA***
PBB 29	115245-07-3	Flame Retardant, PBB	2A(2016)	-	cancer (1-Jan-88) developmental (1-Oct-94)
PBB 3	92-66-0	Flame Retardant, PBB	2A(2016)	-	cancer (1-Jan-88) developmental (1-Oct-94)
PBB 30	59080-33-0	Flame Retardant, PBB	2A(2016)	-	cancer (1-Jan-88) developmental (1-Oct-94)
PBB 31	59080-36-3	Flame Retardant, PBB	2A(2016)	-	cancer (1-Jan-88) developmental (1-Oct-94)
PBB 4	13029-09-9	Flame Retardant, PBB	2A(2016)	-	cancer (1-Jan-88) developmental (1-Oct-94)
PBB 49	60044-24-8	Flame Retardant, PBB	2A(2016)	-	cancer (1-Jan-88) developmental (1-Oct-94)
PBB 52	59080-37-4	Flame Retardant, PBB	2A(2016)	-	cancer (1-Jan-88) developmental (1-Oct-94)
PBB 53	60044-25-9	Flame Retardant, PBB	2A(2016)	-	cancer (1-Jan-88) developmental (1-Oct-94)
PBB 7	53592-10-2	Flame Retardant, PBB	2A(2016)	-	cancer (1-Jan-88) developmental (1-Oct-94)
PBB 77	77102-82-0	Flame Retardant, PBB,	2A(2016)	-	cancer (1-Jan-88) developmental (1-Oct-94)
PBB 80	16400-50-3	Flame Retardant, PBB	2A(2016)	-	cancer (1-Jan-88) developmental (1-Oct-94)
PBB 9	57422-77-2	Flame Retardant, PBB	2A(2016)	-	cancer (1-Jan-88) developmental (1-Oct-94)
PBB-101	67888-96-4	Flame Retardant, PBB	2A(2016)	-	cancer (1-Jan-88) developmental (1-Oct-94)
PBB-103	59080-39-6	Flame Retardant, PBB	2A(2016)	-	cancer (1-Jan-88) developmental (1-Oct-94)
PBB-114	96551-70-1	Flame Retardant, PBB	2A(2016)	-	cancer (1-Jan-88) developmental (1-Oct-94)
PBB-137	81381-52-4	Flame Retardant, PBB	2A(2016)	-	cancer (1-Jan-88) developmental (1-Oct-94)
PBB-141	120991-47-1	Flame Retardant, PBB	2A(2016)	-	cancer (1-Jan-88) developmental (1-Oct-94)
PBB-153	59080-40-9	Flame Retardant, PBB,	2A(2016)	-	cancer (1-Jan-88) developmental (1-Oct-94)
PBB-155	59261-08-4	Flame Retardant, PBB	2A(2016)	-	cancer (1-Jan-88) developmental (1-Oct-94)
PBB-156	77607-09-1	Flame Retardant, PBB	2A(2016)	-	cancer (1-Jan-88) developmental (1-Oct-94)
PBB-159	120991-48-2	Flame Retardant, PBB	2A(2016)	-	cancer (1-Jan-88) developmental (1-Oct-94)

Compound	CAS #	Classification	Risk		
			WHO IARC *	EPA IRIS**	Cal/EPA***
PBB-169	60044-26-0	Flame Retardant, PBB,	2A(2016)	-	cancer (1-Jan-88) developmental (1- Oct-94)
PBB-180	67733-52-2	Flame Retardant, PBB	2A(2016)	-	cancer (1-Jan-88) developmental (1- Oct-94)
PBB-189	88700-06-5	Flame Retardant, PBB	2A(2016)	-	cancer (1-Jan-88) developmental (1- Oct-94)
PBB-200	119264-60-7	Flame Retardant, PBB	2A(2016)	-	cancer (1-Jan-88) developmental (1- Oct-94)
PBDE 1	7025-06-1	Flame Retardant, PBDE	-	-	-
PBDE 10	51930-04-2	Flame Retardant, PBDE	-	-	-
PBDE 100	189084-64-8	Flame Retardant, PBDE,	-	-	-
PBDE 103	446254-67-7	Flame Retardant, PBDE	-	-	-
PBDE 108	446254-71-3	Flame Retardant, PBDE	-	-	-
PBDE 11	6903-63-5	Flame Retardant, PBDE	-	-	-
PBDE 115	446254-78-0	Flame Retardant, PBDE	-	-	-
PBDE 116	189084-65-9	Flame Retardant, PBDE	-	-	-
PBDE 118	446254-80-4	Flame Retardant, PBDE	-	-	-
PBDE 119	189084-66-0	Flame Retardant, PBDE,	-	-	-
PBDE 12	189084-59-1	Flame Retardant, PBDE	-	-	-
PBDE 127	446254-86-0	Flame Retardant, PBDE	-	-	-
PBDE 128	182677-28-7	Flame Retardant, PBDE	-	-	-
PBDE 13	83694-71-7	Flame Retardant, PBDE	-	-	-
PBDE 138	182677-30-1	Flame Retardant, PBDE	-	-	-
PBDE 142	446254-98-4	Flame Retardant, PBDE	-	-	-
PBDE 144	446255-00-1	Flame Retardant, PBDE	-	-	-
PBDE 15	2050-47-7	Flame Retardant, PBDE	-	Carcinogenicity Assessment: Yes (Last revised: 08- 01-1990)	-
PBDE 153	68631-49-2	Flame Retardant, PBDE,	-	Oral RfD Assessment: Yes (Last revised: 06- 30-2008). Inhalation RfC Assessment: Discussion (Last revised: 06-30- 2008). Carcinogenicity Assessment: Yes (Last revised: 06- 30-2008)	-
PBDE 154	207122-15-4	Flame Retardant, PBDE	-	-	-
PBDE 155	35854-94-5	Flame Retardant, PBDE,	-	-	-
PBDE 160	446255-11-4	Flame Retardant, PBDE	-	-	-
PBDE 166	189084-58-0	Flame Retardant, PBDE,	-	-	-
PBDE 17	147217-75-2	Flame Retardant, PBDE	-	-	-
PBDE 185	405237-86-7	Flame Retardant, PBDE	-	-	-
PBDE 19	147217-73-0	Flame Retardant, PBDE,	-	-	-
PBDE 2	6876-00-2	Flame Retardant, PBDE	-	-	-
PBDE 201	446255-50-1	Flame Retardant, PBDE	-	-	-
PBDE 21	337513-67-4	Flame Retardant, PBDE	-	-	-
PBDE 25	147217-77-4	Flame Retardant, PBDE	-	-	-

Compound	CAS #	Classification	Risk		
			WHO IARC *	EPA IRIS**	Cal/EPA***
PBDE 26	337513-75-4	Flame Retardant, PBDE	-	-	-
PBDE 27	337513-53-8	Flame Retardant, PBDE	-	-	-
PBDE 28	41318-75-6	Flame Retardant, PBDE,	-	-	-
PBDE 3	101-55-3	Flame Retardant, PBDE	-	Carcinogenicity Assessment: Yes (Last revised: 08-01-1990)	-
PBDE 30	155999-95-4	Flame Retardant, PBDE,	-	-	-
PBDE 31	65075-08-3	Flame Retardant, PBDE	-	-	-
PBDE 32	189084-60-4	Flame Retardant, PBDE,	-	-	-
PBDE 33	147217-78-5	Flame Retardant, PBDE	-	-	-
PBDE 35	147217-80-9	Flame Retardant, PBDE	-	-	-
PBDE 37	147217-81-0	Flame Retardant, PBDE	-	-	-
PBDE 4	51452-87-0	Flame Retardant, PBDE	-	-	-
PBDE 47	5436-43-1	Flame Retardant, PBDE,	-	Oral RfD Assessment: Yes (Last revised: 06-30-2008). Inhalation RfC Assessment: Discussion (Last revised: 06-30-2008). Carcinogenicity Assessment: Yes (Last revised: 06-30-2008)	-
PBDE 49	243982-82-3	Flame Retardant, PBDE,	-	-	-
PBDE 50	446254-23-5	Flame Retardant, PBDE	-	-	-
PBDE 51	189084-57-9	Flame Retardant, PBDE,	-	-	-
PBDE 6	147217-72-9	Flame Retardant, PBDE	-	-	-
PBDE 62	446254-33-7	Flame Retardant, PBDE	-	-	-
PBDE 66	189084-61-5	Flame Retardant, PBDE	-	-	-
PBDE 69	327185-09-1	Flame Retardant, PBDE	-	-	-
PBDE 7	171977-44-9	Flame Retardant, PBDE	-	-	-
PBDE 71	189084-62-6	Flame Retardant, PBDE,	-	-	-
PBDE 75	189084-63-7	Flame Retardant, PBDE,	-	-	-
PBDE 77	93703-48-1	Flame Retardant, PBDE	-	-	-
PBDE 8	147217-71-8	Flame Retardant, PBDE	-	-	-
PBDE 85	182346-21-0	Flame Retardant, PBDE,	-	-	-
PBDE 88	446254-55-3	Flame Retardant, PBDE	-	-	-
PBDE 89	446254-56-4	Flame Retardant, PBDE	-	-	-
PBDE 9	337513-66-3	Flame Retardant, PBDE	-	-	-
PBDE 99	60348-60-9	Flame Retardant, PBDE,	-	Oral RfD Assessment: Yes (Last revised: 06-30-2008). Inhalation RfC Assessment: Discussion (Last revised: 06-30-2008). Carcinogenicity Assessment: Yes (Last revised: 06-30-2008)	-

Compound	CAS #	Classification	Risk		
			WHO IARC *	EPA IRIS**	Cal/EPA***
PCB 1	2051-60-7	PCB,	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)
PCB 10	33146-45-1	PCB,	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)
PCB 101	37680-73-2	PCB,	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)
PCB 102	68194-06-9	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)
PCB 103	60145-21-3	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)
PCB 104	56558-16-8	PCB,	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)
PCB 105	32598-14-4	PCB,	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)

Compound	CAS #	Classification	Risk		
			WHO IARC *	EPA IRIS**	Cal/EPA***
PCB 106	70424-69-0	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)
PCB 107	70424-68-9	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)
PCB 108	70362-41-3	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)
PCB 109	74472-35-8	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)
PCB 11	2050-67-1	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)
PCB 110	38380-03-9	PCB,	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)
PCB 111	39635-32-0	PCB,	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)

Compound	CAS #	Classification	Risk		
			WHO IARC *	EPA IRIS**	Cal/EPA***
PCB 112	74472-36-9	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)
PCB 113	68194-10-5	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)
PCB 114	74472-37-0	PCB,	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)
PCB 115	74472-38-1	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)
PCB 116	18259-05-7	PCB,	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)
PCB 117	68194-11-6	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)
PCB 118	31508-00-6	PCB,	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)

Compound	CAS #	Classification	Risk		
			WHO IARC *	EPA IRIS**	Cal/EPA***
PCB 119	56558-17-9	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)
PCB 12	2974-92-7	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)
PCB 120	68194-12-7	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)
PCB 121	56558-18-0	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)
PCB 122	76842-07-4	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)
PCB 123	65510-44-3	PCB,	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)
PCB 124	70424-70-3	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)

Compound	CAS #	Classification	Risk		
			WHO IARC *	EPA IRIS**	Cal/EPA***
PCB 125	74472-39-2	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)
PCB 126	57465-28-8	PCB,	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)
PCB 127	39635-33-1	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)
PCB 128	38380-07-3	PCB,	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)
PCB 129	55215-18-4	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)
PCB 13	2974-90-5	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)
PCB 130	52663-66-8	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)

Compound	CAS #	Classification	Risk		
			WHO IARC *	EPA IRIS**	Cal/EPA***
PCB 131	61798-70-7	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)
PCB 132	38380-05-1	PCB,	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)
PCB 133	35694-04-3	PCB,	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)
PCB 134	52704-70-8	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)
PCB 135	52744-13-5	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)
PCB 136	38411-22-2	PCB,	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)
PCB 137	35694-06-5	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)

Compound	CAS #	Classification	Risk		
			WHO IARC *	EPA IRIS**	Cal/EPA***
PCB 138	35065-28-2	PCB,	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)
PCB 139	56030-56-9	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)
PCB 14	34883-41-5	PCB,	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)
PCB 140	59291-64-4	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)
PCB 141	52712-04-6	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)
PCB 142	41411-61-4	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)
PCB 143	68194-15-0	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)

Compound	CAS #	Classification	Risk		
			WHO IARC *	EPA IRIS**	Cal/EPA***
PCB 144	68194-14-9	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)
PCB 145	74472-40-5	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)
PCB 146	51908-16-8	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)
PCB 147	68194-13-8	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)
PCB 148	74472-41-6	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)
PCB 149	38380-04-0	PCB,	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)
PCB 15	2050-68-2	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)

Compound	CAS #	Classification	Risk		
			WHO IARC *	EPA IRIS**	Cal/EPA***
PCB 150	68194-08-1	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)
PCB 151	52663-63-5	PCB,	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)
PCB 152	68194-09-2	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)
PCB 153	35065-27-1	PCB,	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)
PCB 154	60145-22-4	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)
PCB 155	33979-03-2	PCB,	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)
PCB 156	38380-08-4	PCB,	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)

Compound	CAS #	Classification	Risk		
			WHO IARC *	EPA IRIS**	Cal/EPA***
PCB 157	69782-90-7	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)
PCB 158	74472-42-7	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)
PCB 159	39635-35-3	PCB,	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)
PCB 16	38444-78-9	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)
PCB 160	41411-62-5	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)
PCB 161	74472-43-8	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)
PCB 162	39635-34-2	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)

Compound	CAS #	Classification	Risk		
			WHO IARC *	EPA IRIS**	Cal/EPA***
PCB 163	74472-44-9	PCB,	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)
PCB 164	74472-45-0	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)
PCB 165	74472-46-1	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)
PCB 166	41411-63-6	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)
PCB 167	52663-72-6	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)
PCB 168	59291-65-5	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)
PCB 169	32774-16-6	PCB,	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)

Compound	CAS #	Classification	Risk		
			WHO IARC *	EPA IRIS**	Cal/EPA***
PCB 17	37680-66-3	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)
PCB 170	35065-30-6	PCB,	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)
PCB 171	52663-71-5	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)
PCB 172	52663-74-8	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)
PCB 173	68194-16-1	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)
PCB 174	38411-25-5	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)
PCB 175	40186-70-7	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)

Compound	CAS #	Classification	Risk		
			WHO IARC *	EPA IRIS**	Cal/EPA***
PCB 176	52663-65-7	PCB,	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)
PCB 177	52663-70-4	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)
PCB 178	52663-67-9	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)
PCB 179	52663-64-6	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)
PCB 18	37680-65-2	PCB,	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)
PCB 180	35065-29-3	PCB,	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)
PCB 181	74472-47-2	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)

Compound	CAS #	Classification	Risk		
			WHO IARC *	EPA IRIS**	Cal/EPA***
PCB 182	60145-23-5	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)
PCB 183	52663-69-1	PCB,	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)
PCB 184	74472-48-3	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)
PCB 185	52712-05-7	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)
PCB 186	74472-49-4	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)
PCB 187	52663-68-0	PCB,	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)
PCB 188	74487-85-7	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)

Compound	CAS #	Classification	Risk		
			WHO IARC *	EPA IRIS**	Cal/EPA***
PCB 189	39635-31-9	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)
PCB 19	38444-73-4	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)
PCB 190	41411-64-7	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)
PCB 191	74472-50-7	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)
PCB 192	74472-51-8	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)
PCB 193	69782-91-8	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)
PCB 194	35694-08-7	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)

Compound	CAS #	Classification	Risk		
			WHO IARC *	EPA IRIS**	Cal/EPA***
PCB 195	52663-78-2	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)
PCB 196	42740-50-1	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)
PCB 197	33091-17-7	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)
PCB 198	68194-17-2	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)
PCB 199	52663-75-9	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)
PCB 2	2051-61-8	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)
PCB 20	38444-84-7	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)

Compound	CAS #	Classification	Risk		
			WHO IARC *	EPA IRIS**	Cal/EPA***
PCB 200	52663-73-7	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)
PCB 201	40186-71-8	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)
PCB 202	2136-99-4	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)
PCB 203	52663-76-0	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)
PCB 204	74472-52-9	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)
PCB 205	74472-53-0	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)
PCB 206	40186-72-9	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)

Compound	CAS #	Classification	Risk		
			WHO IARC *	EPA IRIS**	Cal/EPA***
PCB 207	52663-79-3	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)
PCB 208	52663-77-1	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)
PCB 21	55702-46-0	PCB,	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)
PCB 22	38444-85-8	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)
PCB 23	55720-44-0	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)
PCB 24	55702-45-9	PCB,	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)
PCB 25	55712-37-3	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)

Compound	CAS #	Classification	Risk		
			WHO IARC *	EPA IRIS**	Cal/EPA***
PCB 26	38444-81-4	PCB,	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)
PCB 27	38444-76-7	PCB,	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)
PCB 28	7012-37-5	PCB,	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)
PCB 29	15862-07-4	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)
PCB 3	2051-62-9	PCB,	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)
PCB 30	35693-92-6	PCB,	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)
PCB 31	16606-02-3	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)

Compound	CAS #	Classification	Risk		
			WHO IARC *	EPA IRIS**	Cal/EPA***
PCB 32	38444-77-8	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)
PCB 33	38444-86-9	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)
PCB 34	37680-68-5	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)
PCB 35	37680-69-6	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)
PCB 36	38444-87-0	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)
PCB 37	38444-90-5	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)
PCB 38	53555-66-1	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)

Compound	CAS #	Classification	Risk		
			WHO IARC *	EPA IRIS**	Cal/EPA***
PCB 39	38444-88-1	PCB,	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)
PCB 4	13029-08-8	PCB,	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)
PCB 40	38444-93-8	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)
PCB 41	52663-59-9	PCB,	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)
PCB 42	36559-22-5	PCB,	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)
PCB 43	70362-46-8	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)
PCB 44	41464-39-5	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)

Compound	CAS #	Classification	Risk		
			WHO IARC *	EPA IRIS**	Cal/EPA***
PCB 45	70362-45-7	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)
PCB 46	41464-47-5	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)
PCB 47	2437-79-8	PCB,	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)
PCB 48	70362-47-9	PCB,	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)
PCB 49	41464-40-8	PCB,	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)
PCB 5	16605-91-7	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)
PCB 50	62796-65-0	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)

Compound	CAS #	Classification	Risk		
			WHO IARC *	EPA IRIS**	Cal/EPA***
PCB 51	68194-04-7	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)
PCB 52	35693-99-3	PCB,	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)
PCB 53	41464-41-9	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)
PCB 54	15968-05-5	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)
PCB 55	74338-24-2	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)
PCB 56	41464-43-1	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)
PCB 57	70424-67-8	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)

Compound	CAS #	Classification	Risk		
			WHO IARC *	EPA IRIS**	Cal/EPA***
PCB 58	41464-49-7	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)
PCB 59	74472-33-6	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)
PCB 6	25569-80-6	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)
PCB 60	33025-41-1	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)
PCB 61	33284-53-6	PCB,	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)
PCB 62	54230-22-7	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)
PCB 63	74472-34-7	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)

Compound	CAS #	Classification	Risk		
			WHO IARC *	EPA IRIS**	Cal/EPA***
PCB 64	52663-58-8	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)
PCB 65	33284-54-7	PCB,	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)
PCB 66	32598-10-0	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)
PCB 67	73575-53-8	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)
PCB 68	73575-52-7	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)
PCB 69	60233-24-1	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)
PCB 7	33284-50-3	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)

Compound	CAS #	Classification	Risk		
			WHO IARC *	EPA IRIS**	Cal/EPA***
PCB 70	32598-11-1	PCB,	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)
PCB 71	41464-46-4	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)
PCB 72	41464-42-0	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)
PCB 73	74338-23-1	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)
PCB 74	32690-93-0	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)
PCB 75	32598-12-2	PCB,	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)
PCB 76	70362-48-0	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)

Compound	CAS #	Classification	Risk		
			WHO IARC *	EPA IRIS**	Cal/EPA***
PCB 77	32598-13-3	PCB,	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)
PCB 78	70362-49-1	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)
PCB 79	41464-48-6	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)
PCB 8	34883-43-7	PCB,	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)
PCB 80	33284-52-5	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)
PCB 81	70362-50-4	PCB,	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)
PCB 82	52663-62-4	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)

Compound	CAS #	Classification	Risk		
			WHO IARC *	EPA IRIS**	Cal/EPA***
PCB 83	60145-20-2	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)
PCB 84	52663-60-2	PCB,	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)
PCB 85	65510-45-4	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)
PCB 86	55312-69-1	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)
PCB 87	38380-02-8	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)
PCB 88	55215-17-3	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)
PCB 89	73575-57-2	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)

Compound	CAS #	Classification	Risk		
			WHO IARC *	EPA IRIS**	Cal/EPA***
PCB 9	34883-39-1	PCB,	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)
PCB 90	68194-07-0	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)
PCB 91	68194-05-8	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)
PCB 92	52663-61-3	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)
PCB 93	73575-56-1	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)
PCB 94	73575-55-0	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)
PCB 95	38379-99-6	PCB,	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)

Compound	CAS #	Classification	Risk		
			WHO IARC *	EPA IRIS**	Cal/EPA***
PCB 96	73575-54-9	PCB,	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)
PCB 97	41464-51-1	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)
PCB 98	60233-25-2	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)
PCB 99	38380-01-7	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1-Jan-91)
Pebulate	1114-71-2	Herbicide	-	-	-
Penconazole	66246-88-6	Fungicide,	-	-	-
Pendimethalin	40487-42-1	Herbicide,	-	-	-
Pentabromoethylbenzene	85-22-3	Flame Retardant	-	-	-
Pentabromotoluene	87-83-2	Flame Retardant	-	-	-
Pentachloroaniline	527-20-8	Fungicide,	-	-	-
Pentachloroanisole	1825-21-4	General Pesticide	-	-	-
Pentachlorobenzene	608-93-5	Fungicide, Insecticide, Industrial,	-	Oral RfD Assessment: Yes (Last revised: 01-31-1987). Carcinogenicity Assessment: Yes (Last revised: 11-01-1992)	-
Pentachloronitrobenzene	82-68-8	Fungicide,	3(1987)	Oral RfD Assessment: Yes (Last revised: 09-30-1987).	-

Compound	CAS #	Classification	Risk		
			WHO IARC *	EPA IRIS**	Cal/EPA***
Pentachlorophenol	87-86-5	Fungicide, Herbicide, Insecticide, Industrial, Pulp/Paper,		Oral RfD Assessment: Yes (Last revised: 09-30-2010). Inhalation RfC Assessment: Discussion (Last revised: 09-30-2010). Carcinogenicity Assessment: Yes (Last revised: 09-30-2010).	cancer (1-Jan-90)
Pentachlor	2307-68-8	Herbicide	-	-	-
Permethrin	52645-53-1	Insecticide,	3(1991)	Oral RfD Assessment: Yes (Last revised: 03-31-1987).	-
Permethrin II	61949-76-6	Insecticide	-	-	-
Perthane	72-56-0	Insecticide	-	-	-
Phantolide	15323-35-0	PAH, Personal Care,	-	-	-
phenanthrene	85-01-8	PAH,	3(2010)	Carcinogenicity Assessment: Yes (Last revised: 12-01-1990).	-
Phenanthrene-1,4-dione	569-15-3	OPAH	-	-	-
Phenkapton	2275-14-1	Insecticide	-	-	-
Phenol	108-95-2	Pharmacological,	3(1999)	Oral RfD Assessment: Yes (Last revised: 09-30-2002). Inhalation RfC Assessment: Discussion (Last revised: 09-30-2002). Carcinogenicity Assessment: Yes (Last revised: 09-30-2002).	-
Phenothiazine	92-84-2	Fungicide, Insecticide, Pharmacological, Industrial	-	-	-
Phenothrin I	51186-88-0	Insecticide	-	-	-
Phenothrin II	26046-85-5	Insecticide	-	-	-
Phenoxyacetic acid	122-59-8	Pesticide Product	-	-	-
Phenthoate	2597-03-7	Insecticide,	-	-	-
Phorate	298-02-2	Insecticide	-	-	-
Phorate sulfone	2588-04-7	Insecticide	-	-	-
Phorate sulfoxide	2588-05-8	General Pesticide	-	-	-
Phorate-oxon	2600-69-3	General Pesticide	-	-	-
Phosalone	2310-17-0	Insecticide,	-	Oral RfD Assessment: Withdrawn (Last revised: 12-01-1988).	-
Phosfolan	947-02-4	Insecticide	-	-	-
Phosphamidon	13171-21-6	Insecticide,	-	-	-
Phosphamidon II	13171-21-6	Insecticide,	-	-	-
Phthalide	27355-22-2	Fungicide	-	-	-
Phthalimide	85-41-6	Fungicide, Industrial	-	-	-
Picloram methyl ester	14143-55-6	Herbicide	-	-	-

Compound	CAS #	Classification	Risk		
			WHO IARC *	EPA IRIS**	Cal/EPA***
Picolinafen	137641-05-5	Herbicide	-	-	-
Picoxystrobin	117428-22-5	Fungicide	-	-	-
Pindone	83-26-1	Insecticide, Rodenticide	-	-	-
Piperalin	3478-94-2	Fungicide	-	-	-
Piperonyl butoxide	51-03-6	Insecticide,	3(1987)	-	-
Piperophos	24151-93-7	Herbicide,	-	-	-
Pirimicarb	23103-98-2	Insecticide,	-	-	cancer (1-Jul-08)
Pirimiphos-ethyl	23505-41-1	Insecticide	-	-	-
Pirimiphos-methyl	29232-93-7	Insecticide,	-	-	-
Plifenat	21757-82-4	Insecticide	-	-	-
Potasan	299-45-6	Insecticide	-	-	-
Prallethrin, cis-	23031-36-9	Insecticide	-	-	-
Prallethrin, trans-	999023-03-9	Insecticide	-	-	-
Pretilachlor	51218-49-6	Herbicide,	-	-	-
Probenazole	27605-76-1	Fungicide	-	-	-
Prochloraz	67747-09-5	Fungicide, Industrial,	-	Oral RfD Assessment: Yes (Last revised: 01-01-1989). Carcinogenicity Assessment: Yes (Last revised: 10-01-1989)	-
Procymidone	32809-16-8	Fungicide,	-	-	cancer (1-Oct-94)
Prodiamine	29091-21-2	Herbicide,	-	-	-
Profenofos	41198-08-7	Insecticide,	-	-	-
Profenofos metabolite (4-Bromo-2-chlorophenol)	3964-56-5	General Pesticide,	-	-	-
Profluralin	26399-36-0	Herbicide	-	-	-
Prohydrojasmon I	158474-72-7	Herbicide	-	-	-
Prohydrojasmon II	999060-03-6	Herbicide	-	-	-
Promecarb	2631-37-0	Insecticide	-	-	-
Promecarb artifact [5-isopropyl-3-methylphenol]	3228-03-3	Insecticide,	-	-	-
Prometon	1610-18-0	Herbicide	-	Oral RfD Assessment: Yes (Last revised: 01-31-1987).	-
Prometryn	7287-19-6	Herbicide,	-	-	-
Propachlor	1918-16-7	Herbicide	-	Oral RfD Assessment: Yes (Last revised: 01-31-1987).	cancer (27-Feb-01)
Propamocarb	24579-73-5	Fungicide,	-	-	-
Propanil	709-98-8	Herbicide,	-	Oral RfD Assessment: Yes (Last revised: 03-01-1988).	-
Propaphos	7292-16-2	Insecticide	-	-	-
Propargite	2312-35-8	General Pesticide	-	-	cancer (1-Oct-94) developmental (15-Jun-99)
Propargite metabolite [Cyclohexanol, 2-(4-tert-butylphenoxy)]	130336-40-2	Insecticide	-	-	-

Compound	CAS #	Classification	Risk		
			WHO IARC *	EPA IRIS**	Cal/EPA***
Propazine	139-40-2	Herbicide,	-	Oral RfD Assessment: Yes (Last revised: 08-28-1987).	developmental, female (15-Jul-16)
propenyl guaethol	94-86-0	Personal Care,	-	-	-
Propetamphos	31218-83-4	Insecticide	-	-	-
Propham	122-42-9	Herbicide	3(1987)	Oral RfD Assessment: Yes (Last revised: 09-30-1987).	-
Propiconazole-II	999048-03-2	Fungicide	-	-	-
Propisochlor	86763-47-5	Herbicide	-	-	-
Propoxur	114-26-1	Insecticide,	-	Oral RfD Assessment: Yes (Last revised: 07-01-1992).	cancer (11-Aug-06)
Propyzamide	23950-58-5	Herbicide,	-	Oral RfD Assessment: Yes (Last revised: 01-31-1987).	cancer (1-May-96)
Prosulfocarb	52888-80-9	Herbicide	-	-	-
Prothioconazole-desthio	999007-03-3	General Pesticide	-	-	-
Prothiofos	34643-46-4	Insecticide,	-	-	-
Prothoate	2275-18-5	Insecticide	-	-	-
Pyracarbolid	24691-76-7	Fungicide	-	-	-
Pyraclofos	89784-60-1	Insecticide	-	-	-
Pyraflufen-ethyl	129630-19-9	Herbicide	-	-	-
Pyrazon	1698-60-8	Herbicide	-	-	-
Pyrazophos	13457-18-6	Fungicide, Insecticide	-	-	-
Pyrazoxyfen	71561-11-0	Herbicide,	-	-	-
Pyrene	129-00-0	PAH, Industrial,	3(2010)	Oral RfD Assessment: Yes (Last revised: 09-01-1990). Carcinogenicity Assessment: Yes (Last revised: 09-01-1990)	-
Pyrethrin I	121-21-1	Insecticide	-	-	-
Pyrethrin II	121-29-9	Insecticide	-	-	-
Pyributicarb	88678-67-5	Herbicide	-	-	-
Pyridaben	96489-71-3	Insecticide	-	-	-
Pyridaphenthion	119-12-0	Insecticide	-	-	-
Pyridate	55512-33-9	Herbicide,	-	-	-
Pyridinitril	1086-02-8	Fungicide	-	-	-
PyrifenoX I	88283-41-4	Fungicide,	-	-	-
PyrifenoX II	999049-03-5	Fungicide	-	-	-
Pyriftalid	135186-78-6	Herbicide	-	-	-
Pyrimethanil	53112-28-0	Fungicide,	-	-	-
Pyrimidifen	105779-78-0	Insecticide	-	-	-
Pyriminobac-methyl (E)	136191-64-5	Herbicide	-	-	-
Pyriminobac-methyl (Z)	999024-03-2	Herbicide	-	-	-
Pyriproxyfen	95737-68-1	Insecticide,	-	-	-
Pyroquilon	57369-32-1	Fungicide	-	-	-

Compound	CAS #	Classification	Risk		
			WHO IARC *	EPA IRIS**	Cal/EPA***
Quinalphos	13593-03-8	Insecticide,	-	Oral RfD Assessment: Yes (Last revised: 03-31-1987).	-
Quinoclamine	2797-51-5	Fungicide, Herbicide, OPAH	-	-	-
Quinoline	91-22-5	Industrial,	-	Oral RfD Assessment: Discussion (Last revised: 09-27-2001), Inhalation RfC Assessment: Discussion (Last revised: 09-27-2001), Carcinogenicity Assessment: Yes (Last revised: 09-27-2001)	-
Quinoxifen	124495-18-7	Fungicide,	-	-	-
Quintozene metabolite (pentachlorophenyl methyl sulfide)	1825-19-0	Fungicide	-	-	-
Quizalofop-ethyl	76578-14-8	Herbicide	-	Oral RfD Assessment: Yes (Last revised: 09-26-1988), Carcinogenicity Assessment: Yes (Last revised: 06-01-1991)	male (24-Dec-99)
Rabenzazole	40341-04-6	Fungicide	-	-	-
Resmethrin	10453-86-8	Insecticide,	-	Oral RfD Assessment: Yes (Last revised: 09-26-1988).	cancer (1-Jul-08) developmental (6-Nov-98)
Resmethrine II	999025-03-5	Insecticide	-	-	-
retene	483-65-8	PAH,	-	-	-
Rotenone	83-79-4	Insecticide	-	Oral RfD Assessment: Yes (Last revised: 09-07-1988).	-
S,S,S-Tributylphosphorotrithioate	78-48-8	Herbicide,	-	-	cancer (25-Feb-11)
Sebuthylazine	7286-69-3	Herbicide	-	-	-
Sebuthylazine-desethyl	37019-18-4	General Pesticide	-	-	-
Secbumeton	26259-45-0	Herbicide	-	-	-
Silafluofen	105024-66-6	Insecticide	-	-	-
Silthiopham	175217-20-6	Fungicide	-	-	-
Simazine	122-34-9	Herbicide,	3(1999)	Oral RfD Assessment: Yes (Last revised: 09-01-1993).	developmental, female (15-Jul-16)
Simeconazole	149508-90-7	Fungicide	-	-	-
Simetryn	1014-70-6	Herbicide	-	-	-
Spirodiclofen	148477-71-8	Insecticide	-	-	cancer (8-Oct-10)
Spiromesifen	283594-90-1	Insecticide	-	-	-
Spiroxamine I	118134-30-8	Fungicide, PAH	-	-	-
Spiroxamine II	999026-03-8	Fungicide	-	-	-
Spiroxamine metabolite (4-tert-butylcyclohexanone)	98-53-3	Pesticide Product	-	-	-
Sudan I	842-07-9	PAH, Industrial	3(1987)	-	cancer (15-May-98)

Compound	CAS #	Classification	Risk		
			WHO IARC *	EPA IRIS**	Cal/EPA***
Sudan II	3118-97-6	PAH, Industrial	3(1987)	-	-
Sudan Red	1229-55-6	Industrial	-	-	-
Sulfallate	95-06-7	Herbicide	2B(1987)	-	cancer (1-Jan-88)
Sulfanilamide	63-74-1	Pharmacological	-	-	-
Sulfentrazone	122836-35-5	Herbicide	-	-	-
Sulfotep	3689-24-5	Insecticide	-	Oral RfD Assessment: Yes (Last revised: 09-07-1988).	-
Sulfur (S8)	10544-50-0	Fungicide, Natural	-	-	-
Sulprofos	35400-43-2	Insecticide	-	-	-
Swep	1918-18-9	Fungicide, Herbicide	-	-	-
Tamoxifen	10540-29-1	Pharmacological	1(2012)	-	cancer (1-Sep-96)
TCEP	115-96-8	Flame Retardant,	3(1999)	-	cancer (1-Apr-92)
TCMTB	21564-17-0	Fungicide, Industrial,	-	-	-
TCPP	26248-87-3	Flame Retardant, Industrial, Pulp/Paper	-	-	-
Tebuconazole	107534-96-3	Fungicide,	-	-	-
Tebufenpyrad	119168-77-3	Insecticide	-	-	-
Tebupirimifos	96182-53-5	Insecticide	-	-	-
Tebutam	35256-85-0	Herbicide	-	-	-
Tebuthiuron	34014-18-1	Herbicide	-	Oral RfD Assessment: Yes (Last revised: 08-22-1988).	-
Tecnazene	117-18-0	Fungicide	-	-	-
Tefluthrin, cis-	79538-32-2	Insecticide	-	-	-
Temephos	3383-96-8	Insecticide	-	-	-
Terbacil	5902-51-2	Herbicide	-	Oral RfD Assessment: Yes (Last revised: 01-31-1987).	developmental (18-May-99)
Terbucarb	1918-11-2	Herbicide	-	-	-
Terbufos	13071-79-9	Insecticide,	-	-	-
Terbufos-oxon-sulfone	56070-15-6	General Pesticide	-	-	-
Terbufos-sulfone	56070-16-7	General Pesticide	-	-	-
Terbumeton	33693-04-8	Herbicide	-	-	-
Terbuthylazine	5915-41-3	Herbicide,	-	-	-
Terbuthylazine-desethyl	30125-63-4	General Pesticide	-	-	-
Terbutryn	886-50-0	Herbicide,	-	Oral RfD Assessment: Yes (Last revised: 09-26-1988).	-
Terrazole	2593-15-9	Fungicide,	-	-	cancer (1-Oct-94)
Tetrabromo-o-chlorotoluene	39569-21-6	Flame Retardant	-	-	-
Tetrabromophthalate diol	20566-35-2	Flame Retardant	-	-	-
Tetrachloroguaiacol	2539-17-5	Industrial, Pulp/Paper	-	-	-
Tetrachlorvinphos	961-11-5	Insecticide	-	Oral RfD Assessment: Yes (Last revised: 03-31-1987).	-
Tetraconazole	112281-77-3	Fungicide	-	-	-
Tetradifon	116-29-0	General Pesticide,	-	-	-
Tetraethyl pyrophosphate	107-49-3	Insecticide, Pharmacological	-	-	-
Tetrahydrophthalimide, cis-1,2,3,6-	27813-21-4	Fungicide	-	-	-

Compound	CAS #	Classification	Risk		
			WHO IARC *	EPA IRIS**	Cal/EPA***
Tetramethrin I	7696-12-0	Insecticide,	-	-	-
Tetramethrin II	999050-03-2	Insecticide	-	-	-
Tetrapropyl thiodiphosphate	3244-90-4	Insecticide	-	-	-
Tetrasul	2227-13-6	General Pesticide	-	-	-
Thenylchlor	96491-05-3	Herbicide,	-	-	-
Theobromine	83-67-0	Pharmacological	3(1991)	-	-
Thiabendazole	148-79-8	Fungicide, Pharmacological	-	-	-
Thiazopyr	117718-60-2	Herbicide,	-	-	-
Thifluzamide	130000-40-7	Fungicide	-	-	-
Thiofanox	39196-18-4	Insecticide	-	-	-
Thiometon	640-15-3	Insecticide	-	-	-
Thionazin	297-97-2	Insecticide	-	-	-
Thymol	89-83-8	Pharmacological	-	-	-
Tilt	60207-90-1	Fungicide,	-	-	-
Tiocarbazil I	36756-79-3	Herbicide	-	-	-
Tiocarbazil II	999051-03-5	Herbicide	-	-	-
Tolclofos-methyl	57018-04-9	Fungicide,	-	-	-
Tolfenpyrad	129558-76-5	Insecticide	-	-	-
Tolylfluanid	731-27-1	Fungicide,	-	-	-
Tolylfluanid metabolite (DMST)	66840-71-9	General Pesticide	-	-	-
Tolyltriazole [1H-Benzotriazole, 4-methyl-]	29878-31-7	Industrial	-	-	-
Tolyltriazole [1H-Benzotriazole, 5-methyl-]	136-85-6	Industrial	-	-	-
Tonalide	1506-02-1	Personal Care	-	-	-
Toxaphene Parlar 26	142534-71-2	Insecticide	2B(2001)	Carcinogenicity Assessment: Yes (Last revised: 08-22-1988)	cancer (1-Jan-88)
Toxaphene Parlar 50	66860-80-8	Insecticide	2B(2001)	Carcinogenicity Assessment: Yes (Last revised: 08-22-1988)	cancer (1-Jan-88)
Toxaphene Parlar 62	154159-06-5	Insecticide	2B(2001)	Carcinogenicity Assessment: Yes (Last revised: 08-22-1988)	cancer (1-Jan-88)
TPP	115-86-6	Flame Retardant, Industrial,	-	-	-
trans-Nonachlor	39765-80-5	General Pesticide,	-	-	-
Transfluthrin	118712-89-3	Insecticide	-	-	-
Traseolide	68140-48-7	Personal Care,	-	-	-
Tri-p-tolyl phosphate	78-32-0	Industrial	-	-	-
Triadimefon	43121-43-3	Fungicide,	-	-	developmental, female, male (30-Mar-99)
Triadimenol	55219-65-3	Fungicide,	-	-	-
Triallate	2303-17-5	Herbicide	-	-	-
Triamiphos	1031-47-6	Fungicide, Insecticide	-	-	-
Triapenthenol	76608-88-3	General Pesticide	-	-	-
Triazamate	112143-82-5	Insecticide	-	-	-
Triazophos	24017-47-8	Insecticide	-	-	-
Tribromoneopentyl alcohol	1522-92-5	Flame Retardant	-	-	-
Tributyl phosphate	126-73-8	Flame Retardant, Industrial,	-	-	-

Compound	CAS #	Classification	Risk		
			WHO IARC *	EPA IRIS**	Cal/EPA***
Trichlamide	70193-21-4	Fungicide	-	-	-
Trichlorfon	52-68-6	Insecticide,	3(1987)	-	-
Trichloronate	327-98-0	Insecticide	-	-	-
Trichlorosyringol	2539-26-6	Industrial, Pulp/Paper	-	-	-
Triclopyr methyl ester	60825-26-5	Pesticide Product	-	-	-
Triclosan	3380-34-5	Pharmacological, Personal Care, Industrial,	-	-	-
Triclosan-methyl	4640-01-1	General Pesticide	-	-	-
Tricresylphosphate, meta-	563-04-2	Flame Retardant, Industrial	-	-	-
Tricresylphosphate, ortho-	78-30-8	Flame Retardant, Industrial	-	-	-
Tricyclazole	41814-78-2	Fungicide,	-	-	-
Tridemorph , 4-tridecyl-	24602-86-6	Fungicide	-	-	-
Tridiphane	58138-08-2	Herbicide	-	Oral RfD Assessment: Yes (Last revised: 01-31-1987).	-
Trietazine	1912-26-1	Herbicide	-	-	-
Triethyl phosphate	78-40-0	Insecticide, Flame Retardant, Industrial	-	-	-
Trifenmorph	1420-06-0	General Pesticide	-	-	-
Trifloxystrobin	141517-21-7	Fungicide	-	-	-
Triflumizole	68694-11-1	Fungicide,	-	-	-
Trifluralin	1582-09-8	Herbicide,	3(1991)	Oral RfD Assessment: Yes (Last revised: 07-01-1989). Carcinogenicity Assessment: Yes (Last revised: 08-22-1988)	-
triphenylene	217-59-4	PAH	3(2010)	-	-
Tris(2-butoxyethyl) phosphate	78-51-3	Industrial,	-	-	-
Tris(2-ethylhexyl) phosphate	78-42-2	Flame Retardant, Industrial,	-	-	-
Triticonazole	131983-72-7	Fungicide	-	-	-
Tryclopyrbutoxyethyl	64470-88-8	Herbicide	-	-	-
Tycor (SMY 1500)	64529-56-2	Herbicide,	-	-	-
Uniconazole-P	83657-17-4	Fungicide	-	-	-
Vamidothion	2275-23-2	Fungicide, Insecticide	-	-	-
Vernolate	1929-77-7	Herbicide	-	Oral RfD Assessment: Yes (Last revised: 03-31-1987).	-
Vinclozolin	50471-44-8	Fungicide,	-	-	developmental (15-May-98) cancer (20-Aug-99)
XMC (3,4-Dimethylphenyl N-methylcarbamate)	2425-10-7	Insecticide	-	-	-
XMC (3,5-Dimethylphenyl N-methylcarbamate)	2655-14-3	Insecticide	-	-	-
Zinc diethyldithiocarbamate	14324-55-1	Personal Care, Industrial	-	-	-
Zoxamide	156052-68-5	Fungicide	-	-	-
Zoxamide decomposition product	999006-03-0	Fungicide	-	-	-