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Certificate of Analysis

Client Report For: MyExposome

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USA

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Project Name: MyExposome PO 236

Project Number: F21-31

Report Date: March 16 2022

Kaleyadoms

03-29-2022

QC Review Date

Kan: A. Sudeson

3/29/22

FSES Director Approval: Kim A. Anderson

Date

Project#: F21-31:

MyExposome PO

236



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/µL = ppm pg/µL = ppb µg/mL = ppb

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.

N/A Y flag: Indicates a chemical is present but unable to quantify due to matrix interference.

< 123.45 U: Detection limit, indicates value was below limit of detection.

COA Notes:

Fifty seven total samples were submitted by client with this purchase order. A total of 57 samples were analyzed. All samples arrived upon good condition.

QC Summary:

Continuing calibration verification (CV) analyses were performed at the start and end of every analytical batch. A total of 12 CVs were analyzed as part of the complete project. All 12 CVs met FSES data quality objectives (DQOs) of >70% compound detection frequency, retention time standard within DQO window, and >60% of compounds detected within 2.5X of true concentration.

During the analysis of samples for this project, a total of 20 instrument blanks (IBs) were analyzed. In 18 cases, IBs met FSES DQOs for all target analytes. All target analytes in the 18 IBs are below the method limits of quantitation. Two IBs had detections for bis(2-ethylhexyl) phthalate at 30 PPB.

To demonstrate instrument precision, a duplicate analysis was performed during the project. Across all detected analytes, there was a median relative percent difference (RPD%) of 25%.

To assess instrument accuracy, a sample over-spike analysis was performed where a sample was spiked at 2 PPM with target compounds prior to additional clean-up. Across detected analytes, there was a median percent recovery of 99%.

A post deployment cleaning (PDC) blank, a solid phase extraction (SPE) blank, and a reagent blank were run with this project. Bis(2-ethylhexyl) phthalate, diethyl phthalate and di-n-butyl phthalate were detected in QC blanks. The highest content present in all QC blanks of this project was background subtracted from all samples.





Client Sample Name:	W5		Test Method: MASV15 -1530 analyte method	od
FSES Sample ID:	A211668		Date Received: 12/15/21	
Client location:			Matrix: Passive Sampling Device - Pe	ersonal
Chemical Name		Concentration (ng/Wristband)	Chemical Name	Concentration (ng/Wristband)
amyl cinnamal		870	Diisobutyl phthalate	7700
anthracene		150	Diuron Metabolite [3,4-Dichlorophenyl isocyanate]	640
Benzophenone		67 J	Ethylene brassylate (Musk NN)	9200
benzyl salicylate		9500	fluoranthene	150
Butyl benzyl phthalate		200	Galaxolide	26000
Caffeine		8300	lilial	2900
Cashmeran		540	Pendimethalin	590
Citral A		140	Pyrene	160
cyclopenta[cd]pyrene		30 J	Tonalide	12000
Di-n-nonyl phthalate		12000	TPP	970
Diethyl phthalate		15000 B		





Client Sample Name: W10		Test Method: MASV15 -1530 analyte method		
FSES Sample ID: A211669		Date Received: 12/15/21		
Client location:		Matrix: Passive Sampling Device - Pers	onal	
Chemical Name	Concentration (ng/Wristband)	Chemical Name	Concentration (ng/Wristband)	
2,4-di-tert-butylphenol	60 J	Di-n-nonyl phthalate	1000	
a-lonone	580	Diethyl phthalate	4300 B	
amyl cinnamal	650	Diisobutyl phthalate	13000	
anthracene	270	Diuron Metabolite [3,4-Dichlorophenyl isocyanate]	430	
b-citronellol	210	Ethylene brassylate (Musk NN)	9100	
benz[a]anthracene	71	Fipronil	270 J	
benzo[a]fluorene	44 J	Galaxolide	58000	
benzo[a]pyrene	20 J	lilial	1800	
Benzyl benzoate	33000	naphthalene	18 J	
benzyl salicylate	9800	Pendimethalin	1700	
Bis(2-ethylhexyl)phthalate	2500 B	Permethrin	1300	
Buprofezin	360	Pyrene	340	
Citral A	180	Tonalide	9100	
Coumarin	230	TPP	530	
cyclopenta[cd]pyrene	93	Triclosan	500	
Di-n-butyl phthalate	3800 B			





Client Sample Name:			Test Method:	t Method: MASV15 -1530 analyte method		
FSES Sample ID:			Date Received:	12/15/21		
Client location:			Matrix:	Passive Sampling Device - Persona	I	
Chemical Name		Concentration (ng/Wristband)	Chemical Name		Concentration (ng/Wristband)	
1-methylphenanthrene		82	cyclopenta[cd]pyrer	ne	200	
2-methylphenanthrene		97	Di-n-butyl phthalate)	45000 B	
9-Fluorenone		160	Di-n-nonyl phthalate	е	35000	
amyl cinnamal		460	Diethyl phthalate		360 B	
anthracene		840	Diisobutyl phthalate		10000	
b-lonone		420	Diuron Metabolite [3	3,4-Dichlorophenyl isocyanate]	850	
benz[a]anthracene		150	Ethylene brassylate	e (Musk NN)	5000	
benzo[a]fluorene		88	fluorene		24 J	
benzo[a]pyrene		53	Galaxolide		38000	
benzo[b]fluorene		99	lilial		4900	
Benzophenone		83 J	Musk Ketone		16000	
Benzyl benzoate		2300	PBDE 49		430	
benzyl salicylate		15000	Pendimethalin		2700	
Biphenyl		110	Permethrin		1200	
Bis(2-ethylhexyl)phthalat	te	360 B	Pyrene		770	
Butyl benzyl phthalate		1300	Tonalide		2900	
Caffeine		4100	TPP		560	
chrysene		250				





Client Sample Name: W13		Test Method: MASV15 -1530 analyte method	i
FSES Sample ID: A211671		Date Received: 12/15/21	
Client location:		Matrix: Passive Sampling Device - Per	rsonal
Chemical Name	Concentration (ng/Wristband)	Chemical Name	Concentration (ng/Wristband)
anthracene	210	Diisobutyl phthalate	1900
b-lonone	970	Diuron Metabolite [3,4-Dichlorophenyl isocyanate]	99 J
Benzophenone	55 J	Fipronil	370
benzyl salicylate	450	Galaxolide	6600
Bis(2-ethylhexyl)phthalate	960 B	lilial	680
Butyl benzyl phthalate	1500	Pendimethalin	2100
Caffeine	1100	Pyrene	170
Di-n-nonyl phthalate	3600	Tonalide	140
Diethyl phthalate	210 B	TPP	290





Client Sample Name: W14		Test Method: MASV15 -1530 analyte method	
FSES Sample ID: A211672		Date Received: 12/15/21	
Client location:		Matrix: Passive Sampling Device - Pers	sonal
Chemical Name	Concentration (ng/Wristband)	Chemical Name	Concentration (ng/Wristband)
amyl cinnamal	270	Diuron Metabolite [3,4-Dichlorophenyl isocyanate]	1100
anthracene	90	Ethylene brassylate (Musk NN)	7600
Benzophenone	72 J	Fipronil	550
Benzyl benzoate	2300	Galaxolide	22000
benzyl salicylate	2100	lilial	840
Bis(2-ethylhexyl)phthalate	2400 B	PBDE 49	150 J
Citral A	250	Pendimethalin	2300
Di-n-butyl phthalate	19000 B	Pyrene	95
Di-n-nonyl phthalate	1700	Tonalide	1800
Diethyl phthalate	2400 B	TPP	970
Diisobutyl phthalate	12000		





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Client Sample Name:			Test Method:	MASV15 -1530 analyte method	
FSES Sample ID:			Date Received:	12/15/21	
Client location:				Passive Sampling Device - Personal	
Chemical Name		Concentration (ng/Wristband)	Chemical Name		Concentration (ng/Wristband)
a-lonone		1000	Diethyl phthalate		3200 B
amyl cinnamal		1100	Diisobutyl phthalate	•	16000
anthracene		110	Diuron Metabolite [3,4-Dichlorophenyl isocyanate]	3500
b-citronellol		1200	Ethylene brassylate	e (Musk NN)	4100
b-Ionone		600	Galaxolide		19000
Benzophenone		200	Geraniol		630
Benzyl benzoate		9100	lilial		2000
benzyl salicylate		3500	Linalool		470
Bis(2-ethylhexyl)phthalat	e	8800 B	naphthalene		23 J
butylated hydroxytoluene	;	220	Pendimethalin		1600
Citral A		170	Pyrene		100
Coumarin		620	Thymol		100
Di-n-butyl phthalate		46000 B	Tonalide		1100
Di-n-nonyl phthalate		6300	TPP		520



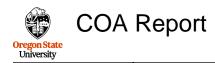


Client Sample Name: W16	Client Sample Name: W16		MASV15 -1530 analyte method	
FSES Sample ID: A211674		Date Received:	12/15/21	
Client location:		Matrix:	Passive Sampling Device - Persona	al
Chemical Name	Concentration (ng/Wristband)	Chemical Name		Concentration (ng/Wristband)
a-lonone	1700	Diuron Metabolite [3	3,4-Dichlorophenyl isocyanate]	700
amyl cinnamal	3900	Ethylene brassylate	e (Musk NN)	3000
anthracene	130	Galaxolide		18000
b-citronellol	1200	lilial		4700
b-Ionone	570	Linalool		450
Benzophenone	120	Musk Ketone		1400
Benzyl benzoate	2600	naphthalene		18 J
benzyl salicylate	12000	PBDE 49		520
Bis(2-ethylhexyl)phthalate	1100 B	Pendimethalin		370
Butyl benzyl phthalate	450	Permethrin		2200
Caffeine	6200	Pyrene		130
Coumarin	890	Tonalide		680
Diethyl phthalate	3800 B	TPP		450
Diisobutyl phthalate	38000			



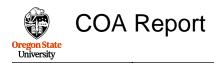


Client Sample Name: W17 FSES Sample ID: A211675 Client location:		Test Method: MASV15 -1530 analyte method	ethod: MASV15 -1530 analyte method		
		Date Received: 12/15/21			
		Matrix: Passive Sampling Device - P	ersonal		
Chemical Name	Concentration (ng/Wristband)	Chemical Name	Concentration (ng/Wristband)		
1,6-dimethylnaphthalene	3 J	Di-n-nonyl phthalate	1100		
2,4-di-tert-butylphenol	100	Diethyl phthalate	850 B		
amyl cinnamal	290	Diisobutyl phthalate	4000		
b-lonone	960	Diuron Metabolite [3,4-Dichlorophenyl isocyanate	340		
Benzo[ghi]perylene	13 J	Galaxolide	32000		
Benzophenone	120	lilial	5300		
benzyl salicylate	1300	naphthalene	21 J		
Bis(2-ethylhexyl)phthalate	1300 B	Pendimethalin	600		
Citral A	400	phenanthrene	200		
Clomazone	130 J	Pyrene	240		
cyclopenta[cd]pyrene	64	retene	2 J		
Cypermethrin-2	980	Tonalide	4100		
Di-n-butyl phthalate	27000 B	TPP	1500		





Client Sample Name:	W18		Test Method: MASV15 -1530 analyte me	ethod
FSES Sample ID:	A211676		Date Received: 12/15/21	
Client location:	Client location:		Matrix: Passive Sampling Device	- Personal
Chemical Name		Concentration (ng/Wristband)	Chemical Name	Concentration (ng/Wristband)
1-methylphenanthrene		96	cyclopenta[cd]pyrene	190
1-methylpyrene		74	Di-n-nonyl phthalate	1300
2,4-di-tert-butylphenol		160	Diethyl phthalate	4200 B
2-methylnaphthalene		11 J	Diisobutyl phthalate	2000
2-methylphenanthrene		120	Diuron Metabolite [3,4-Dichlorophenyl isocyana	ate] 500
9-Fluorenone		220	Ethylene brassylate (Musk NN)	1600
acenaphthylene		130	Fipronil	510
anthracene		940	fluorene	90
benz[a]anthracene		140	Galaxolide	32000
benzo[a]fluorene		99	lilial	1200
benzo[a]pyrene		61	Musk Ketone	1400
Benzo[ghi]perylene		33 J	naphthalene	25 J
Benzophenone		230	Pendimethalin	790
benzyl salicylate		9400	Pyrene	810
Caffeine		3400	Tonalide	1500
Chlorpyrifos		11000	TPP	380
chrysene		150	Tributyl phosphate	130
Citral A		200		





Client Sample Name:	W19	W19		MASV15 -1530 analyte method		
FSES Sample ID:	A211677		Date Received:	Date Received: 12/15/21		
Client location:			Matrix:	Passive Sampling Device - Persona	sonal	
Chemical Name		Concentration (ng/Wristband)	Chemical Name		Concentration (ng/Wristband)	
1-methylnaphthalene		15 J	Di-n-nonyl phthalate	е	2000	
1-methylphenanthrene		86	Di-n-octyl phthalate)	71000	
2,4-di-tert-butylphenol		210	Diethyl phthalate		580 B	
2-methylnaphthalene		12 J	Diisobutyl phthalate)	4300	
2-methylphenanthrene		140	Diuron Metabolite [3,4-Dichlorophenyl isocyanate]	1900	
9-Fluorenone		270	Ethylene brassylate	e (Musk NN)	2000	
amyl cinnamal		1700	fluorene		55	
anthracene		490	Galaxolide		39000	
benz[a]anthracene		90	Hexazinone		1200	
benzo[a]fluorene		58	lilial		1600	
benzo[a]pyrene		20 J	naphthalene		29 J	
benzo[b]fluorene		63	Pendimethalin		1800	
Benzophenone		400	Permethrin II		270	
Benzyl benzoate		5100	phenanthrene		840	
benzyl salicylate		22000	Pyrene		750	
Bis(2-ethylhexyl)phthalat	e	1400 B	Quinoline		120	
Caffeine		16000	Tonalide		2200	
Citral A		190	TPP		2500	
Clomazone		650	triphenylene		8 J	
Di-n-butyl phthalate		15000 B				





Client Sample Name:			Test Method:	Test Method: MASV15 -1530 analyte method		
FSES Sample ID:			Date Received:	12/15/21		
Client location:		Matrix:	Passive Sampling Device - Persona	onal		
Chemical Name		Concentration (ng/Wristband)	Chemical Name		Concentration (ng/Wristband)	
2,4-di-tert-butylphenol		80 J	Diisobutyl phthalate)	22000	
2-methylphenanthrene		38 J	Diuron Metabolite [3,4-Dichlorophenyl isocyanate]	1000	
amyl cinnamal		800	Ethylene brassylate	e (Musk NN)	780	
anthracene		52	Exaltolide [15-Penta	adecanolide]	3900	
b-lonone		470	Galaxolide		10000	
benz[a]anthracene		48 J	lilial		3000	
Benzophenone		140	Methyleugenol		460	
Benzyl benzoate		400	Musk Ketone		740	
benzyl salicylate		22000	naphthalene		22 J	
Bis(2-ethylhexyl)phthalat	е	3200 B	Pendimethalin		2300	
Butyl benzyl phthalate		3800	Permethrin		300	
Caffeine		4400	phenanthrene		200	
Citral A		120	Pyrene		220	
Clomazone		180	Tonalide		350	
Di-n-butyl phthalate		40000 B	TPP		630	
Di-n-nonyl phthalate		1900	Triclosan		390	
Diethyl phthalate		820 B				





Client Sample Name: W21		Test Method:	MASV15 -1530 analyte method	
FSES Sample ID: A211679		Date Received:	12/15/21	
Client location:		Matrix:	Passive Sampling Device - Person	al
Chemical Name	Concentration (ng/Wristband)	Chemical Name		Concentration (ng/Wristband)
1-methylphenanthrene	36 J	Diisobutyl phthalate		3800
anthracene	300	Diuron Metabolite [3	3,4-Dichlorophenyl isocyanate]	1000
benz[a]anthracene	58	Ethylene brassylate	(Musk NN)	4400
benzyl salicylate	5100	Fipronil		280 J
Bis(2-ethylhexyl)phthalate	1100 B	fluoranthene		90
Butyl benzyl phthalate	180 J	Galaxolide		16000
Caffeine	5300	lilial		870
Celestolide	150	Pendimethalin		2100
Di-n-butyl phthalate	9200 B	Pyrene		350
Di-n-nonyl phthalate	3200	Tonalide		810
Diethyl phthalate	830 B	TPP		1100





Client Sample Name:	W22		Test Method: MASV15 -1530 analyte method		
FSES Sample ID:	A211680		Date Received:	12/15/21	
Client location:			Matrix:	Passive Sampling Device - Personal	al
Chemical Name		Concentration (ng/Wristband)	Chemical Name		Concentration (ng/Wristband)
1-methylpyrene		42 J	Diethyl phthalate		11000 B
2,4-di-tert-butylphenol		240	Diisobutyl phthalate)	11000
2-methylphenanthrene		64	Diuron Metabolite [3,4-Dichlorophenyl isocyanate]	1400
anthracene		280	Ethylene brassylate	e (Musk NN)	1300
Benzophenone		190	Galaxolide		20000
benzyl salicylate		14000	lilial		700
Bis(2-ethylhexyl)phthalat	е	1600 B	naphthalene		18 J
Butyl benzyl phthalate		660	Pendimethalin		13000
Caffeine		16000	Permethrin		200
Citral A		330	Pyrene		340
cyclopenta[cd]pyrene		100	TCPP		260 J
Di-n-butyl phthalate		24000 B	Tonalide		680
Di-n-nonyl phthalate		1600	TPP		630
Di-n-octyl phthalate		69000			





Client Sample Name:	W23		Test Method: MASV15 -1530 analyte method			
FSES Sample ID:	A211681	A211681		12/15/21		
Client location:			Matrix:	Passive Sampling Device - Personal	al	
Chemical Name		Concentration (ng/Wristband)	Chemical Name		Concentration (ng/Wristband)	
1-methylphenanthrene		32 J	Diethyl phthalate		2000 B	
2,4-di-tert-butylphenol		200	Diisobutyl phthalate	9	7300	
2-methylphenanthrene		47 J	Diuron Metabolite [3,4-Dichlorophenyl isocyanate]	1900	
a-lonone		820	Ethylene brassylate	e (Musk NN)	10000	
amyl cinnamal		4900	Galaxolide		9400	
anthracene		230	lilial		5000	
b-citronellol		720	Linalool		250	
b-lonone		430	lyral		480	
Benzophenone		520	Pendimethalin		1800	
benzyl salicylate		9900	Pyrene		170	
Bis(2-ethylhexyl)phthalat	e	150000 JB	Tonalide		550	
Caffeine		1800	TPP		310	
Coumarin		640	Triclosan		90 J	
Di-n-nonyl phthalate		840				





Client Sample Name: W24		Test Method: MASV15 -1530 analyte method		
FSES Sample ID: A211682	FSES Sample ID: A211682			
Client location:		Matrix: Passive Sampling Device - Pe	ersonal	
Chemical Name	Concentration (ng/Wristband)	Chemical Name	Concentration (ng/Wristband)	
1-methylphenanthrene	34 J	Diuron Metabolite [3,4-Dichlorophenyl isocyanate]	490	
1-methylpyrene	25 J	Ethylene brassylate (Musk NN)	3400	
2-methylphenanthrene	50	Fipronil	400	
9-Fluorenone	53 J	fluoranthene	68	
anthracene	52	Galaxolide	36000	
benzo[a]pyrene	27 J	lilial	2300	
Benzophenone	83 J	Musk Ketone	1900	
Benzyl benzoate	4600	Pendimethalin	1800	
benzyl salicylate	27000	Permethrin	290	
Bis(2-ethylhexyl)phthalate	4500 B	phenanthrene	290	
Caffeine	760	Pyrene	280	
chrysene	65	retene	33 J	
Di-n-nonyl phthalate	2600	Tonalide	2100	
Diisobutyl phthalate	7400	TPP	430	





Client Sample Name:	A211683		Test Method:	MASV15 -1530 analyte method	
FSES Sample ID:			Date Received:	Date Received: 12/15/21	
Client location:			Matrix:	Passive Sampling Device - Person	nal
Chemical Name		Concentration (ng/Wristband)	Chemical Name		Concentration (ng/Wristband)
a-lonone		750	Diethyl phthalate		86000 B
amyl cinnamal		1300	Diisobutyl phthalate	}	8800
b-citronellol		180	Diuron Metabolite [3	3,4-Dichlorophenyl isocyanate]	1500
b-lonone		970	Ethylene brassylate	e (Musk NN)	33000
benz[a]anthracene		92	Fipronil		810
benzo[b]fluorene		48 J	Galaxolide		69000
Benzophenone		880	lilial		5500
Benzyl benzoate		5000	Musk Ketone		1700
benzyl salicylate		29000	naphthalene		16 J
Bis(2-ethylhexyl)phthalat	e	6200 B	PBDE 51		600
Butyl benzyl phthalate		370	Pendimethalin		3800
Caffeine		10000	Permethrin		300
Coumarin		270	phenanthrene		280
cyclopenta[cd]pyrene		120	Pyrene		310
Cypermethrin-2		860	TCPP		280 J
Di-n-butyl phthalate		8000 B	Tonalide		790
Di-n-nonyl phthalate		4300	TPP		1100





Client Sample Name: W26		Test Method: MASV15 -1530 analyte method	
FSES Sample ID: A211684		Date Received: 12/15/21	
Client location:		Matrix: Passive Sampling Device - Persona	l
Chemical Name	Concentration (ng/Wristband)	Chemical Name	Concentration (ng/Wristband)
amyl cinnamal	610	Ethylene brassylate (Musk NN)	12000
benzyl salicylate	14000	fluoranthene	58
Bis(2-ethylhexyl)phthalate	500 B	Galaxolide	29000
Butyl benzyl phthalate	730	lilial	2600
Caffeine	1400	Musk Ketone	2300
Cashmeran	250	Pendimethalin	880
Cypermethrin-2	1100	Permethrin	860
Di-n-butyl phthalate	12000 B	Piperonyl butoxide	1300
Di-n-nonyl phthalate	1000	Pyrene	47 J
Diethyl phthalate	1100 B	Tonalide	500
Diisobutyl phthalate	3800	TPP	1200
Diuron Metabolite [3,4-Dichlorophenyl isocyanate]	240	Triclosan	73 J
drometrizole	1100		





Client Sample Name:	BR1002		Test Method: MASV15 -1530 analyte	e method
FSES Sample ID:	A211685		Date Received: 12/15/21	
Client location:			Matrix: Passive Sampling Dev	ice - Personal
Chemical Name		Concentration (ng/Wristband)	Chemical Name	Concentration (ng/Wristband)
1,2-dimethylnaphthalene)	13 J	Chlorpyrifos	490 J
1-methylnaphthalene		21 J	Citral A	540
1-methylphenanthrene		55	d-Limonene	1800
2,4-di-tert-butylphenol		180	Di-n-butyl phthalate	17000 B
2-methylphenanthrene		84	Di-n-nonyl phthalate	1300
4-chloro-3,5-dimethylphe	enol	720	Diethyl phthalate	140000 B
9-Fluorenone		91 J	Diisobutyl phthalate	4100
acenaphthylene		80	Diphenylamine	100
amyl cinnamal		350	Ethylene brassylate (Musk NN)	2500
anthracene		600	fluorene	46 J
benzo[a]pyrene		54	Galaxolide	1300
Benzo[ghi]perylene		26 J	lilial	460
Benzophenone		120	Musk Ketone	1300
benzyl salicylate		2900	naphthalene	56
Bifenthrin		340	Permethrin	2900
Biphenyl		66	phenanthrene	660
Bis(2-ethylhexyl)phthalat	te	12000 B	Pyrene	720
Butyl benzyl phthalate		620	Tonalide	2000





Client Sample Name:	BR1006		Test Method:	MASV15 -1530 analyte method	.42016
FSES Sample ID:			Date Received:		
Client location:			Matrix:	Passive Sampling Device - Personal	
Chemical Name		Concentration (ng/Wristband)	Chemical Name		Concentration (ng/Wristband)
1-methylphenanthrene		31 J	Di-n-nonyl phthalate	е	860
1-methylpyrene		31 J	Dibenzofuran		46 J
acenaphthylene		55	Diethyl phthalate		1300 B
amyl cinnamal		170 J	Diisobutyl phthalate)	3000
anthracene		250	fluorene		36 J
benz[a]anthracene		68	Galaxolide		140
benzo[a]fluorene		27 J	naphthalene		26 J
benzo[a]pyrene		36 J	Permethrin		1900
benzo[b]fluorene		39 J	Permethrin II		990
benzo[k]fluoranthene		72	Pyrene		430
Benzyl benzoate		490	Sudan I		210
benzyl salicylate		530	Tonalide		290
Bis(2-ethylhexyl)phthalat	е	4600 B	triphenylene		30 J
Di-n-butyl phthalate		23 JB			



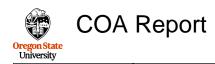


Client Sample Name:	BR1010		Test Method: MASV15 -1530 analyte method		
FSES Sample ID:	A211687		Date Received:	12/15/21	
Client location:			Matrix:	Passive Sampling Device - Personal	
Chemical Name		Concentration (ng/Wristband)	Chemical Name		Concentration (ng/Wristband)
1-methylnaphthalene		20 J	cyclopenta[cd]pyrer	ne	100
1-methylpyrene		22 J	Di-n-butyl phthalate		7600 B
2,4-bis(alpha,alpha-dime	thylbenzyl)phenol	190	Di-n-nonyl phthalate	e	1200
2,4-di-tert-butylphenol		150	Diethyl phthalate		8300 B
2-ethylnaphthalene		16 J	Diisobutyl phthalate	•	3700
2-methylphenanthrene		60	Ethylene brassylate	e (Musk NN)	1600
9-Fluorenone		46 J	fluorene		43 J
acenaphthylene		63	Galaxolide		300
benz[a]anthracene		49 J	naphthalene		51
benzo[b]fluorene		28 J	Permethrin		500
Benzophenone		88 J	phenanthrene		440
Benzyl benzoate		890	Piperonyl butoxide		240
benzyl salicylate		3000	Pyrene		380
Bis(2-ethylhexyl)phthalat	e	2600 B	Tonalide		140
chrysene		20 J	TPP		120 J
cinnamal		29 J	triphenylene		83





Client Sample Name: BR1011		Test Method: MASV15 -1530 analyte method		
FSES Sample ID: A211688		Date Received: 12/15/21		
Client location:	Client location:		vice - Personal	
Chemical Name	Concentration (ng/Wristband)	Chemical Name	Concentration (ng/Wristband)	
1-methylnaphthalene	8 J	Dicyclohexyl phthalate	1500	
2,4-di-tert-butylphenol	260	Diethyl phthalate	500 B	
2-methylphenanthrene	49 J	Diisobutyl phthalate	6800	
3,6-dimethylphenanthrene	26 J	Galaxolide	160	
acenaphthylene	48 J	naphthalene	32 J	
benz[a]anthracene	53	Permethrin	4100	
benzo[a]fluorene	32 J	Permethrin II	4000	
benzo[a]pyrene	26 J	phenanthrene	120	
Benzyl benzoate	460	Phthalimide	260	
benzyl salicylate	2200	Pyrene	360	
Bis(2-ethylhexyl)phthalate	280 B	Sudan I	330	
Butyl benzyl phthalate	630	Sulfur (S8)	310	
cyclopenta[cd]pyrene	120	TPP	260	
Di-n-butyl phthalate	15000 B	triphenylene	55	
Di-n-nonyl phthalate	3700			





Client Sample Name:	A211689		Test Method:	MASV15 -1530 analyte method		
FSES Sample ID:			Date Received:	12/15/21		
Client location:			Matrix:	Passive Sampling Device - Personal		
Chemical Name		Concentration (ng/Wristband)	Chemical Name		Concentration (ng/Wristband)	
1-methylnaphthalene		19 J	cyclopenta[cd]pyre	ne	490	
1-methylphenanthrene		91	Cyhalothrin (Gamm	na)	160 J	
1-methylpyrene		88	Di-n-butyl phthalate	<u>)</u>	90000 B	
2-methylphenanthrene		100	Di-n-nonyl phthalat	e	3400	
9-Fluorenone		170	Diethyl phthalate		2400 B	
acenaphthylene		210	Diisobutyl phthalate)	12000	
anthracene		190	Ethylene brassylate	e (Musk NN)	15000	
benz[a]anthracene		250	fluorene		120	
benzo[a]fluorene		160	Galaxolide		1200	
benzo[a]pyrene		73	lilial		2200	
benzo[b]fluorene		120	naphthalene		69	
Benzo[ghi]perylene		55	Permethrin		2100	
benzo[k]fluoranthene		170	phenanthrene		1700	
Benzophenone		110	Phthalimide		450	
benzyl salicylate		20000	Pyrene		2000	
Bis(2-ethylhexyl)phthalat	е	13000 B	Tonalide		120	
Butyl benzyl phthalate		520	TPP		1500	
butylated hydroxytoluene	;	510	triphenylene		120	
chrysene		71				





Client Sample Name:	BR1032		Test Method:	MASV15 -1530 analyte method	
FSES Sample ID:	A211690		Date Received:	12/15/21	
Client location:			Matrix:	Passive Sampling Device - Personal	
Chemical Name		Concentration (ng/Wristband)	Chemical Name		Concentration (ng/Wristband)
1-methylnaphthalene		22 J	cyclopenta[cd]pyrer	ne	230
2-methylphenanthrene		65	Di-n-nonyl phthalate	e	720
acenaphthylene		130	Dibenzofuran		97
anthracene		700	Diethyl phthalate		980 B
benz[a]anthracene		120	Diisobutyl phthalate		12000
benzo[a]fluorene		63	Exaltolide [15-Penta	adecanolide]	4000
benzo[a]pyrene		59	Galaxolide		990
benzo[b]fluorene		61	naphthalene		60
Benzophenone		60 J	Permethrin		530
benzyl salicylate		920	Pyrene		650
Bis(2-ethylhexyl)phthalate	9	4600 B	Tonalide		190
chrysene		180			





Client Sample Name: B	: A211691		Test Method: MASV15 -1530 analyte	method
FSES Sample ID: A			Date Received: 12/15/21	
Client location:			Matrix: Passive Sampling Devi	ce - Personal
Chemical Name		Concentration (ng/Wristband)	Chemical Name	Concentration (ng/Wristband)
1,6-dimethylnaphthalene		32 J	Di-n-butyl phthalate	7400 B
1-methylnaphthalene		31 J	Di-n-nonyl phthalate	5000
2,4-bis(alpha,alpha-dimeth	ylbenzyl)phenol	89 J	Diethyl phthalate	1700 B
9-Fluorenone		100	Diisobutyl phthalate	9600
acenaphthylene		73	Dimethyl phthalate	1300
anthracene		690	Exaltolide [15-Pentadecanolide]	2800
benz[a]anthracene		120	fluoranthene	620
benzo[a]fluorene		52	Galaxolide	1200
benzo[a]pyrene		71	naphthalene	52
benzo[k]fluoranthene		160	Permethrin	1400
Benzophenone		85 J	Phthalimide	1400
Benzyl benzoate		520	Pyrene	720
benzyl salicylate		1300	Tonalide	130
Bis(2-ethylhexyl)phthalate		8000 B	triphenylene	280
cyclopenta[cd]pyrene		200		





Client Sample Name:	: BR1052		Test Method:	MASV15 -1530 analyte method	
FSES Sample ID:	: A211692		Date Received:	12/15/21	
Client location:	:		Matrix:	Passive Sampling Device - Personal	
Chemical Name		Concentration (ng/Wristband)	Chemical Name		Concentration (ng/Wristband)
acenaphthylene		18 J	Exaltolide [15-Penta	adecanolide]	4900
anthracene		400	fluoranthene		560
benz[a]anthracene		77	lilial		270
Benzyl benzoate		520	naphthalene		150
benzyl salicylate		1000	Permethrin		240
Bis(2-ethylhexyl)phthalate	е	1900 B	Pyrene		490
Di-n-nonyl phthalate		550	Sudan I		170 J
Diethyl phthalate		2000 B			





Client Sample Name:	BR1062		Test Method:	MASV15 -1530 analyte method	
FSES Sample ID:	A211693		Date Received:	12/15/21	
Client location:			Matrix:	Passive Sampling Device - Personal	
Chemical Name		Concentration (ng/Wristband)	Chemical Name		Concentration (ng/Wristband)
2,6-dimethylnaphthalene		32 J	Diethyl phthalate		3700 B
2-methylphenanthrene		81	Diisobutyl phthalate		11000
acenaphthylene		65	Ethylene brassylate	(Musk NN)	3700
anthracene		560	Exaltolide [15-Penta	adecanolide]	3200
benz[a]anthracene		92	fluorene		52
Benzophenone		100	Galaxolide		770
benzyl salicylate		1200	lilial		210
Bifenthrin		1200	naphthalene		57
Bis(2-ethylhexyl)phthalat	e	12000 B	Permethrin		6500
cyclopenta[cd]pyrene		220	Pyrene		720
Di-n-butyl phthalate		52000 B	Tonalide		220
Di-n-nonyl phthalate		7100	Transfluthrin		1300





Client Sample Name:			Test Method: MASV15 -1530 analyte me	ethod
FSES Sample ID:			Date Received: 12/15/21	
Client location:			Matrix: Passive Sampling Device	- Personal
Chemical Name		Concentration (ng/Wristband)	Chemical Name	Concentration (ng/Wristband)
1-methylphenanthrene		110	Di-n-butyl phthalate	72000 B
2-methylphenanthrene		140	Di-n-nonyl phthalate	1600
acenaphthylene		98	Diethyl phthalate	8000 B
anthracene		1000	Diisobutyl phthalate	15000
benz[a]anthracene		220	Dimethyl phthalate	390
benzo[a]fluorene		120	Exaltolide [15-Pentadecanolide]	2000
benzo[a]pyrene		83	fluorene	89
Benzyl alcohol		210	Galaxolide	510
benzyl salicylate		1800	naphthalene	61
Bifenthrin		640	Permethrin	2300
Bis(2-ethylhexyl)phthalat	e	5200 B	Pyrene	1200
cyclopenta[cd]pyrene		400	Tonalide	340
Cyhalothrin (Gamma)		690	triphenylene	310





Client Sample Name: BR			Test Method: MASV15 -1530 analyte method		
FSES Sample ID: A2			Date Received: 12/15/21		
Client location:		Matrix:	Passive Sampling Device - Personal	evice - Personal	
Chemical Name		Concentration (ng/Wristband)	Chemical Name		Concentration (ng/Wristband)
2-methylphenanthrene		110	Citral A		230
9-Fluorenone		110	cyclopenta[cd]pyrer	ne	330
acenaphthylene		140	Di-n-butyl phthalate	3	130000 JB
amyl cinnamal		2000	Diethyl phthalate		1300 B
anthracene		970	Diisobutyl phthalate		10000
benz[a]anthracene		210	Ethylene brassylate	e (Musk NN)	3100
benzo[a]pyrene		130	Galaxolide		6000
benzo[b]fluorene		91	indeno[1,2,3-cd]pyr	rene	180
Benzo[ghi]perylene		130	lilial		1300
benzo[k]fluoranthene		370	naphthalene		60
Benzophenone		160	Permethrin		1300
Benzyl benzoate		3100	Phthalimide		370
benzyl salicylate		8700	Pyrene		1100
Bis(2-ethylhexyl)phthalate		6800 B	triphenylene		120





Client Sample Name: BR1131	FSES Sample ID: A211696		Test Method: MASV15 -1530 analyte method		
FSES Sample ID: A211696			12/15/21		
Client location:		Matrix:	Passive Sampling Device - Personal	sonal	
Chemical Name	Concentration (ng/Wristband)	Chemical Name		Concentration (ng/Wristband)	
1-methylpyrene	66	Di-n-butyl phthalate	•	47000 B	
2-methylphenanthrene	97	Di-n-nonyl phthalat	е	1900	
acenaphthylene	140	Dibenzofuran		120	
anthracene	960	Diethyl phthalate		68000 B	
b-citronellol	300	Diisobutyl phthalate)	19000	
benz[a]anthracene	230	Exaltolide [15-Pent	adecanolide]	10000	
benzo[a]fluorene	95	fluoranthene		1400	
benzo[a]pyrene	120	fluorene		72	
benzo[k]fluoranthene	360	Galaxolide		590	
Benzophenone	140	naphthalene		64	
benzyl salicylate	1600	Permethrin		1000	
Bis(2-ethylhexyl)phthalate	5700 B	Pyrene		1300	
Citral A	710	Tonalide		90 J	
Citral B	710	Tris(2-ethylhexyl) p	hosphate	2700	
cyclopenta[cd]pyrene	430				





Client Sample Name:			Test Method:	Method: MASV15 -1530 analyte method	
FSES Sample ID:			Date Received:	12/15/21	
Client location:			Matrix:	Passive Sampling Device - Personal	
Chemical Name		Concentration (ng/Wristband)	Chemical Name		Concentration (ng/Wristband)
1,6-dimethylnaphthalene		4 J	Di-n-nonyl phthalate	e	1000
1-methylnaphthalene		52	Diethyl phthalate		4500 B
acenaphthylene		40 J	Diisobutyl phthalate)	5300
anthracene		420	fluoranthene		580
benz[a]anthracene		88	Galaxolide		390
benzo[a]pyrene		74	lilial		450
benzo[k]fluoranthene		210	naphthalene		35 J
benzyl salicylate		1000	Permethrin		640
Bifenthrin		520	Phthalimide		1800
Bis(2-ethylhexyl)phthalat	e	6300 B	Pyrene		560
cyclopenta[cd]pyrene		230	triphenylene		270
Di-n-butyl phthalate		42000 B			





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Client Sample Name:			Test Method:	MASV15 -1530 analyte method		
FSES Sample ID:			Date Received:	12/15/21		
Client location:			Matrix:	Passive Sampling Device - Personal	nal	
Chemical Name		Concentration (ng/Wristband)	Chemical Name		Concentration (ng/Wristband)	
1-methylnaphthalene		26 J	cyclopenta[cd]pyrer	ne	300	
2,4-di-tert-butylphenol		120	Di-n-butyl phthalate		33000 B	
2-methylphenanthrene		66	Di-n-nonyl phthalate	е	760	
acenaphthylene		120	Dibenzofuran		76	
anthracene		700	Diethyl phthalate		1200 B	
benz[a]anthracene		150	Diisobutyl phthalate)	8000	
benzo[a]pyrene		90	Exaltolide [15-Penta	adecanolide]	3600	
benzo[b]fluorene		70	fluoranthene		890	
benzo[k]fluoranthene		240	naphthalene		120	
Benzophenone		55 J	Permethrin II		2100	
benzyl salicylate		680	Pyrene		740	
Bifenthrin		520	ТСРР		260 J	
Bis(2-ethylhexyl)phthalat	e	9600 B	triphenylene		160	





Client Sample Name: BR1172		Test Method: MASV15 -1530 analyte method	
FSES Sample ID: A211699		Date Received: 12/15/21	
Client location:	Client location:		ice - Personal
Chemical Name	Concentration (ng/Wristband)	Chemical Name	Concentration (ng/Wristband)
acenaphthylene	62	Di-n-butyl phthalate	5300 B
anthracene	530	Di-n-nonyl phthalate	1600
benz[a]anthracene	90	Diisobutyl phthalate	2000
benzo[a]pyrene	58	fluoranthene	270
Benzophenone	92 J	Galaxolide	360
Benzyl benzoate	5600	indeno[1,2,3-cd]pyrene	59
benzyl salicylate	640	naphthalene	48 J
Bis(2-ethylhexyl)phthalate	11000 B	Permethrin	630
Citral A	150	Phthalimide	160 J
cyclopenta[cd]pyrene	170	Pyrene	600





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Client Sample Name:	A211700		Test Method:	MASV15 -1530 analyte method	
FSES Sample ID:			Date Received:	12/15/21	
Client location:			Matrix:	Passive Sampling Device - Personal	al
Chemical Name	Concentration (ng/Wristband)		Chemical Name		Concentration (ng/Wristband)
1-methylphenanthrene		64	butylated hydroxyto	oluene	95 J
2-methylphenanthrene		80	Citral A		290
4-chloro-3,5-dimethylphe	enol	43 J	cyclopenta[cd]pyre	ne	360
acenaphthylene		83	Di-n-butyl phthalate	•	5600 B
anthanthrene		25 J	Di-n-nonyl phthalat	е	570
anthracene		740	Diisobutyl phthalate		4800
benz[a]anthracene		180	Ethylene brassylate	e (Musk NN)	4200
benzo[a]fluorene		85	Exaltolide [15-Pent	adecanolide]	3400
benzo[a]pyrene		120	fluoranthene		960
benzo[k]fluoranthene		240	Galaxolide		2100
Benzophenone		160	lilial		1300
Benzyl benzoate		580	naphthalene		65
benzyl salicylate		11000	Permethrin		1000
Bis(2-ethylhexyl)phthalat	te	8600 B	Pyrene		860
Butylated hydroxyanisole	;	82 J	Tonalide		290





Client Sample Name: BR1187 FSES Sample ID: A211701 Client location:		Test Method: MASV15 -1530 analyte method		
		e - Personal		
Concentration (ng/Wristband)	Chemical Name	Concentration (ng/Wristband)		
45 J	Di-n-nonyl phthalate	2600		
78 J	Diisobutyl phthalate	13000		
56	Dimethyl phthalate	2000		
130	Exaltolide [15-Pentadecanolide]	2000		
38 J	fluoranthene	730		
83	naphthalene	45 J		
590	Permethrin	810		
6600 B	phenanthrene	540		
54 J	Phthalimide	990		
200	Pyrene	660		
220	Tonalide	66 J		
24000 B	triphenylene	86		
	(ng/Wristband) 45 J 78 J 56 130 38 J 83 590 6600 B 54 J 200 220	Date Received: 12/15/21 Matrix: Passive Sampling Device Concentration (ng/Wristband) Chemical Name 45 J Di-n-nonyl phthalate 78 J Diisobutyl phthalate 56 Dimethyl phthalate 130 Exaltolide [15-Pentadecanolide] 38 J fluoranthene 83 naphthalene 590 Permethrin 6600 B phenanthrene 54 J Phthalimide 200 Pyrene 220 Tonalide		



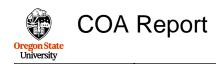


Client Sample Name: BR1228		Test Method: MASV15 -1530 analyte	method	
FSES Sample ID: A211702		Date Received: 12/15/21		
Client location:		Matrix: Passive Sampling Device	ice - Personal	
Chemical Name	Concentration (ng/Wristband)	Chemical Name	Concentration (ng/Wristband)	
1-methylnaphthalene	16 J	cyclopenta[cd]pyrene	150	
1-methylphenanthrene	48 J	d-Limonene	370	
1-methylpyrene	34 J	Di-n-butyl phthalate	16000 B	
2-methylphenanthrene	65	Di-n-nonyl phthalate	540	
9-Fluorenone	84 J	Dibenzofuran	82	
acenaphthylene	61	Dicyclohexyl phthalate	480	
anthracene	660	Diethyl phthalate	1400 B	
benz[a]anthracene	65	Diisobutyl phthalate	2300	
benzo[a]pyrene	40 J	fluorene	51	
benzo[b]fluorene	23 J	naphthalene	69	
benzo[k]fluoranthene	96	Permethrin	210	
Benzophenone	110	Pyrene	610	
Benzyl benzoate	4700	Tonalide	260	
benzyl salicylate	1500	TPP	400	
Bis(2-ethylhexyl)phthalate	2100 B			





Client Sample Name:	BR1233		Test Method:	MASV15 -1530 analyte method	
FSES Sample ID:	A211703		Date Received:	12/15/21	
Client location:	eation:		Matrix:	Passive Sampling Device - Personal	
Chemical Name		Concentration (ng/Wristband)	Chemical Name		Concentration (ng/Wristband)
1,6-dimethylnaphthalene		16 J	cinnamal		54 J
1-methylnaphthalene		16 J	cyclopenta[cd]pyrer	ne	150
1-methylpyrene		34 J	Cypermethrin-2		380 J
2,4-di-tert-butylphenol		80 J	d-Limonene		730
2-methyl-9,10-anthraquir	none	320	Di-n-nonyl phthalate	е	2900
4-Chlorophenyl isocyana	te	48 J	Dibenzofuran		66
acenaphthylene		56	Diethyl phthalate		2500 B
anthracene		470	Diisobutyl phthalate)	2400
b-citronellol		160	fluoranthene		500
benz[a]anthracene		110	Galaxolide		2000
benzo[a]pyrene		65	Musk amberette		380
Benzophenone		140	naphthalene		57
Benzyl benzoate		980	Permethrin II		560
benzyl salicylate		2200	Pyrene		420
Bioallethrin S-cyclopente	enyl isomer	860	Tonalide		130
Bis(2-ethylhexyl)phthalat	е	5700 B	Triclosan		1800
butylated hydroxytoluene)	120			





Client Sample Name:	BR1236		Test Method:	Test Method: MASV15 -1530 analyte method	
FSES Sample ID:	A211704		Date Received:	12/15/21	
Client location:	Client location:		Matrix:	Passive Sampling Device - Personal	
Chemical Name		Concentration (ng/Wristband)	Chemical Name		Concentration (ng/Wristband)
1-methylnaphthalene		12 J	cyclopenta[cd]pyrei	ne	320
2-methylphenanthrene		58	Di-n-nonyl phthalate	e	1100
9-Fluorenone		77 J	Diethyl phthalate		440 B
acenaphthylene		68	Diisobutyl phthalate	e	1100
amyl cinnamal		200 J	fluoranthene		750
benz[a]anthracene		130	fluorene		42 J
benzo[a]fluorene		43 J	indeno[1,2,3-cd]pyr	rene	70
benzo[a]pyrene		99	naphthalene		34 J
Benzo[ghi]perylene		57	Permethrin		450
benzo[k]fluoranthene		270	phenanthrene		570
Benzyl benzoate		1400	Phthalimide		490
benzyl salicylate		5900	Pyrene		660
Bis(2-ethylhexyl)phthalat	е	7000 B	Tonalide		420
Citral A		330	triphenylene		110
Citral B		330			





Client Sample Name:			Test Method:	MASV15 -1530 analyte meth	nod
FSES Sample ID:			Date Received:	Date Received: 12/15/21	
Client location:				Passive Sampling Device - F	Personal
Chemical Name		Concentration (ng/Wristband)	Chemical Name		Concentration (ng/Wristband)
1,6-dimethylnaphthalene		18 J	Bis(2-ethylhexyl)ph	thalate	5700 B
1-methylphenanthrene		63	cyclopenta[cd]pyrer	ne	370
1-methylpyrene		54	Di-n-butyl phthalate		72000 B
2-methylphenanthrene		110	Di-n-nonyl phthalate	e	150
acenaphthylene		34 J	Diethyl phthalate		2800 B
amyl cinnamal		570	Diisobutyl phthalate)	2000
anthanthrene		32 J	Ethylene brassylate	e (Musk NN)	2800
benz[a]anthracene		350	fluoranthene		1100
benzo[a]fluorene		93	fluorene		42 J
benzo[a]pyrene		150	Galaxolide		3700
Benzo[ghi]perylene		120	naphthalene		33 J
benzo[k]fluoranthene		120	Permethrin		280
Benzophenone		98 J	phenanthrene		510
Benzyl alcohol		190 J	Pyrene		1000
Benzyl benzoate		190	TPP		280
benzyl salicylate		79000	triphenylene		190





ne: BR1260		Test Method: MASV15 -1530 analyte method		
FSES Sample ID: A211706				
	Matrix: Passive Sampling Device	e - Personal		
Concentration (ng/Wristband)	Chemical Name	Concentration (ng/Wristband)		
270	Di-n-nonyl phthalate	1700		
36 J	Diethyl phthalate	1100 B		
41 J	Diisobutyl phthalate	26000		
430	Ethylene brassylate (Musk NN)	1100		
54	fluoranthene	500		
45 J	Galaxolide	58 J		
980	naphthalene	20 J		
270	Permethrin	360		
4700 B	Phthalimide	680		
160	Pyrene	450		
46000 B	triphenylene	42 J		
	(ng/Wristband) 270 36 J 41 J 430 54 45 J 980 270 4700 B 160	Date Received: 12/15/21 Matrix: Passive Sampling Device Concentration (ng/Wristband) 270 Di-n-nonyl phthalate 36 J Diethyl phthalate 41 J Diisobutyl phthalate 430 Ethylene brassylate (Musk NN) 54 fluoranthene 45 J Galaxolide 980 naphthalene 270 Permethrin 4700 B Phthalimide 160 Pyrene		





Client Sample Name: BR1261		Test Method: MASV15 -1530 analyte n	nethod
FSES Sample ID: A211707		Date Received: 12/15/21	
Client location:		Matrix: Passive Sampling Device	e - Personal
Chemical Name	Concentration (ng/Wristband)	Chemical Name	Concentration (ng/Wristband)
1-methylphenanthrene	39 J	cyclopenta[cd]pyrene	270
acenaphthylene	66	Di-n-butyl phthalate	31000 B
anthracene	580	Di-n-nonyl phthalate	1900
benz[a]anthracene	100	Diethyl phthalate	4500 B
benzo[a]pyrene	75	Diisobutyl phthalate	14000
Benzo[ghi]perylene	31 J	Ethylene brassylate (Musk NN)	1400
benzo[k]fluoranthene	220	fluoranthene	730
Benzophenone	43 J	naphthalene	40 J
Benzyl benzoate	890	Permethrin	370
benzyl salicylate	1000	Permethrin II	720
Bis(2-ethylhexyl)phthalate	3300 B	Pyrene	660
chrysene	280	Tonalide	83 J
Citral A	530	TPP	120 J
Citral B	530	triphenylene	97





Client Sample Name: BR1271		Test Method: MASV15 -1530 analyte method	
FSES Sample ID: A211708		Date Received: 12/15/21	
Client location:		Matrix: Passive Sampling Device	e - Personal
Chemical Name	Concentration (ng/Wristband)	Chemical Name	Concentration (ng/Wristband)
1-methylnaphthalene	16 J	Di-n-butyl phthalate	19000 B
2-methylphenanthrene	88	Di-n-nonyl phthalate	2000
4-chloro-3,5-dimethylphenol	310	Diethyl phthalate	38000 B
9-Fluorenone	130	Diisobutyl phthalate	16000
acenaphthylene	46 J	Diphenylamine	92 J
benz[a]anthracene	110	Ethylene brassylate (Musk NN)	3000
benzo[a]pyrene	64	fluoranthene	600
Benzo[ghi]perylene	30 J	lilial	310
Benzophenone	260	naphthalene	38 J
Benzyl benzoate	430	Permethrin II	360
benzyl salicylate	3800	phenanthrene	520
Bifenthrin	930	Pyrene	620
Bis(2-ethylhexyl)phthalate	9300 B	Tonalide	170
Chlorpyrifos	480 J	triphenylene	58
Citral A	500		





Client Sample Name: BR1296		Test Method: MASV15 -15	530 analyte method
FSES Sample ID: A211709		Date Received: 12/15/21	
Client location:		Matrix: Passive San	npling Device - Personal
Chemical Name	Concentration (ng/Wristband)	Chemical Name	Concentration (ng/Wristband)
1-methylnaphthalene	25 J	Dibenzofuran	72
1-methylphenanthrene	60	Diethyl phthalate	890 B
1-methylpyrene	49 J	Diisobutyl phthalate	24000
2,4-di-tert-butylphenol	75 J	fluoranthene	810
2-methylphenanthrene	110	fluorene	63
acenaphthylene	93	naphthalene	120
benz[a]anthracene	220	Permethrin	2800
benzo[a]pyrene	77	Permethrin II	150000
Benzyl benzoate	170	phenanthrene	600
benzyl salicylate	1600	Phthalimide	1500
Bis(2-ethylhexyl)phthalate	8100 B	Pyrene	740
Chlorpyrifos	30000	TCPP	100 J
cyclopenta[cd]pyrene	320	Tonalide	100
Cyhalothrin (Gamma)	560	TPP	140 J
Di-n-butyl phthalate	16000 B	triphenylene	110
Di-n-nonyl phthalate	1400		





Client Sample Name:	BR1297		Test Method:	MASV15 -1530 analyte method	
FSES Sample ID:	A211710		Date Received:	12/15/21	
Client location:				Passive Sampling Device - Personal	
Chemical Name		Concentration (ng/Wristband)	Chemical Name		Concentration (ng/Wristband)
1-methylnaphthalene		18 J	cyclopenta[cd]pyrer	ne	240
2-methylphenanthrene		49 J	Cyhalothrin (Gamm	a)	130 J
acenaphthylene		90	Di-n-butyl phthalate		4000 B
amyl cinnamal		340	Di-n-nonyl phthalate	9	3200
anthracene		34 J	Dibenzofuran		58
benz[a]anthracene		120	Diethyl phthalate		3100 B
benzo[a]pyrene		80	Diisobutyl phthalate	•	1500
Benzo[ghi]perylene		32 J	fluoranthene		200
benzo[k]fluoranthene		220	Galaxolide		340
Benzophenone		130	naphthalene		90
Benzyl benzoate		620	Permethrin		2100
benzyl salicylate		380	phenanthrene		450
Bis(2-ethylhexyl)phthalat	e	3200 B	Tonalide		670
chrysene		140	TPP		92 J
Citral A		680	triphenylene		110
Citral B		680			





Client Sample Name:	BR1311		Test Method:	MASV15 -1530 analyte method	
FSES Sample ID:	A211711		Date Received:	12/15/21	
Client location:				Passive Sampling Device - Personal	
Chemical Name		Concentration (ng/Wristband)	Chemical Name		Concentration (ng/Wristband)
1-methylnaphthalene		20 J	cyclopenta[cd]pyrer	ne	250
1-methylphenanthrene		45 J	Di-n-butyl phthalate		5800 B
1-methylpyrene		40 J	Di-n-nonyl phthalate	e	1400
2-methylphenanthrene		65	Diethyl phthalate		3900 B
9-Fluorenone		100	Diisobutyl phthalate		11000
acenaphthylene		71	Ethylene brassylate	e (Musk NN)	2600
amyl cinnamal		300	fluoranthene		690
anthanthrene		50	Galaxolide		670
anthracene		550	lilial		450
benz[a]anthracene		100	naphthalene		56
benzo[a]pyrene		79	Permethrin		420
benzo[k]fluoranthene		230	Phthalimide		1800
Benzophenone		150	Pyrene		640
Benzyl benzoate		730	Tonalide		560
benzyl salicylate		3000	triphenylene		290
Bis(2-ethylhexyl)phthalat	e	8200 B			





Client Sample Name:	BR1312		Test Method: MASV15 -1530 analyte method		
FSES Sample ID:	A211712		Date Received:	12/15/21	
Client location:			Matrix:	Passive Sampling Device - Personal	
Chemical Name		Concentration (ng/Wristband)	Chemical Name		Concentration (ng/Wristband)
1,6-dimethylnaphthalene		62	cyclopenta[cd]pyrer	ne	130
1-methylnaphthalene		48 J	Di-n-butyl phthalate		2300 B
1-methylpyrene		57	Di-n-nonyl phthalate	9	1400
2-methylphenanthrene		91	Diethyl phthalate		900 B
9-Fluorenone		84 J	Diisobutyl phthalate		2300
acenaphthylene		66	fluoranthene		560
anthracene		620	fluorene		47 J
benz[a]anthracene		73	naphthalene		35 J
benzo[a]pyrene		61	Permethrin		180
Benzophenone		110	Pyrene		490
benzyl salicylate		420	Tonalide		120
Bis(2-ethylhexyl)phthalat	е	1000 B			



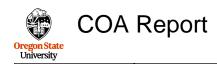


Client Sample Name:	BR1384		Test Method:	MASV15 -1530 analyte method	- Azbiteis
FSES Sample ID:			Date Received:		
Client location:	A211713	211710			
Chent location:			Iviatrix:	Passive Sampling Device - Personal	
Chemical Name		Concentration (ng/Wristband)	Chemical Name		Concentration (ng/Wristband)
1-methylphenanthrene		74	Di-n-butyl phthalate	•	36000 B
2-methylphenanthrene		120	Di-n-nonyl phthalat	e	3500
acenaphthylene		120	Diethyl phthalate		10000 B
anthracene		800	Diisobutyl phthalate	9	11000
benz[a]anthracene		120	Ethylene brassylate	e (Musk NN)	5800
benzo[a]pyrene		84	fluoranthene		980
benzo[b]fluorene		75	Galaxolide		1600
Benzo[ghi]perylene		59	lilial		580
Benzophenone		110	naphthalene		38 J
benzyl salicylate		6300	Permethrin		4800
Bis(2-ethylhexyl)phthalate	е	20000 B	Phthalimide		560
butylated hydroxytoluene		190	Pyrene		930
chrysene		230	Sudan I		250
cyclopenta[cd]pyrene		310	Tonalide		130





Client Sample Name: BR1385	nt Sample Name: BR1385		MASV15 -1530 analyte method	
FSES Sample ID: A211714	SES Sample ID: A211714		12/15/21	
Client location:		Matrix:	Passive Sampling Device - Personal	
Chemical Name	Concentration (ng/Wristband)	Chemical Name		Concentration (ng/Wristband)
9-Fluorenone	60 J	Diethyl phthalate		900 B
acenaphthylene	58	Diisobutyl phthalate		9400
anthracene	460	Exaltolide [15-Penta	adecanolide]	3100
benz[a]anthracene	79	fluoranthene		630
benzyl salicylate	400	Galaxolide		270
Bis(2-ethylhexyl)phthalate	3500 B	Permethrin		870
Citral A	430	Phthalimide		550
cyclopenta[cd]pyrene	200	Pyrene		520
Di-n-butyl phthalate	11000 B	triphenylene		190
Di-n-nonyl phthalate	5800			





Client Sample Name: BR1386		Test Method: MASV15 -1530 analyte	MASV15 -1530 analyte method	
FSES Sample ID: A211715		Date Received: 12/15/21		
Client location:		Matrix: Passive Sampling Devi	ce - Personal	
Chemical Name	Concentration (ng/Wristband)	Chemical Name	Concentration (ng/Wristband)	
1-methylphenanthrene	71	Di-n-butyl phthalate	12000 B	
2-methylphenanthrene	120	Di-n-nonyl phthalate	700	
anthracene	820	Diethyl phthalate	2800 B	
benz[a]anthracene	130	Diisobutyl phthalate	4900	
benzo[a]fluorene	68	Ethylene brassylate (Musk NN)	2300	
benzo[a]pyrene	96	fluoranthene	870	
Benzo[ghi]perylene	48 J	Galaxolide	1700	
benzo[k]fluoranthene	230	lilial	400	
Benzophenone	46 J	Permethrin	1900	
benzyl salicylate	3000	Phthalimide	530	
Bis(2-ethylhexyl)phthalate	4100 B	Pyrene	780	
Citral A	340	Tonalide	220	
cyclopenta[cd]pyrene	310	triphenylene	97	





Client Sample Name:	BR1388		Test Method: MASV15 -1530 analyte method		
FSES Sample ID:	A211716	A211716		12/15/21	
Client location:			Matrix:	Passive Sampling Device - Personal	
Chemical Name		Concentration (ng/Wristband)	Chemical Name		Concentration (ng/Wristband)
2-methylphenanthrene		87	Diethyl phthalate		14000 B
3,6-dimethylphenanthren	ne	87	Diisobutyl phthalate		4700
9-Fluorenone		110	Dimethyl phthalate		3100
acenaphthylene		99	Diphenylamine		110
anthracene		680	Ethylene brassylate	(Musk NN)	21000
benz[a]anthracene		120	Exaltolide [15-Penta	adecanolide]	8200
benzo[a]pyrene		71	fluoranthene		720
benzo[k]fluoranthene		130	fluorene		82
Benzophenone		280	Galaxolide		6500
benzyl salicylate		4100	naphthalene		40 J
Bifenthrin		1000	Permethrin		6600
Bis(2-ethylhexyl)phthalat	e	3200 B	Phthalimide		320
chrysene		190	Pyrene		750
Di-n-butyl phthalate		5200 B	Tonalide		2600
Di-n-nonyl phthalate		400			





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Client Sample Name:	BR1389		Test Method:	MASV15 -1530 analyte method	
FSES Sample ID:	A211717		Date Received:	12/15/21	
Client location:			Matrix:	Passive Sampling Device - Personal	
Chemical Name		Concentration (ng/Wristband)	Chemical Name		Concentration (ng/Wristband)
1,6-dimethylnaphthalene		20 J	Citral A		580
1-methylphenanthrene		48 J	cyclopenta[cd]pyre	ne	270
2-methylphenanthrene		75	d-Limonene		2000
4-chloro-3,5-dimethylphe	enol	62 J	Di-n-butyl phthalate		900 B
acenaphthylene		76	Diethyl phthalate		1000 B
anthracene		740	Diisobutyl phthalate	9	3200
benz[a]anthracene		91	Dimethyl phthalate		530
benzo[a]pyrene		58	fluoranthene		780
benzo[b]fluorene		57	Linalool		360
Benzo[ghi]perylene		24 J	naphthalene		18 J
Benzyl benzoate		2400	Permethrin		5100
benzyl salicylate		520	Pyrene		710
Bis(2-ethylhexyl)phthalat	e	11000 B	triphenylene		230





Client Sample Name:	BR1443		Test Method: MASV15 -1530 analyte method			
FSES Sample ID:	A211718		Date Received:	12/15/21		
Client location:			Matrix:	Passive Sampling Device - Personal		
Chemical Name		Concentration (ng/Wristband)	Chemical Name		Concentration (ng/Wristband)	
1-methylphenanthrene		40 J	Butyl benzyl phthala	ate	440	
2-methylphenanthrene		80	Citral A		450	
4-chloro-3,5-dimethylphe	nol	580	cyclopenta[cd]pyrei	ne	210	
4-Chlorophenyl isocyanat	te	52 J	Di-n-butyl phthalate		34000 B	
acenaphthylene		84	Di-n-nonyl phthalate	е	17000	
anthracene		690	Diethyl phthalate		830 B	
benz[a]anthracene		96	Diisobutyl phthalate	9	3600	
benzo[b]fluorene		54	Exaltolide [15-Penta	adecanolide]	12000	
Benzo[ghi]perylene		33 J	Galaxolide		340	
Benzophenone		170	lilial		230	
benzyl salicylate		5200	naphthalene		67	
Bifenthrin		190	Permethrin		730	
Bioallethrin		18000	Permethrin II		1400	
Bioallethrin S-cyclopenter	nyl isomer	16000	Pyrene		780	
Bis(2-ethylhexyl)phthalate	9	6300 B	TPP		510	





• Name: BR1445 nple ID: A211719		te method
	Matrix: Passive Sampling De	vice - Personal
Concentration (ng/Wristband)	Chemical Name	Concentration (ng/Wristband)
11 J	chrysene	210
47 J	cyclopenta[cd]pyrene	130
66	Diethyl phthalate	870 B
100	Diisobutyl phthalate	1100
46 J	fluoranthene	680
73	naphthalene	40 J
21 J	Permethrin II	700
190	phenanthrene	630
88 J	Phthalimide	180 J
420	Pyrene	530
430000 JB	TPP	680
	(ng/Wristband) 11 J 47 J 66 100 46 J 73 21 J 190 88 J 420	Concentration (ng/Wristband) Chemical Name 11 J chrysene 47 J cyclopenta[cd]pyrene 66 Diethyl phthalate 100 Diisobutyl phthalate 46 J fluoranthene 73 naphthalene 21 J Permethrin II 190 phenanthrene 88 J Phthalimide 420 Pyrene





Client Sample Name: BR1469		Test Method: MASV15 -1530 analyte method	
FSES Sample ID: A211720		Date Received: 12/15/21	
Client location:		Matrix: Passive Sampling	Device - Personal
Chemical Name	Concentration (ng/Wristband)	Chemical Name	Concentration (ng/Wristband)
2-methylphenanthrene	28 J	Di-n-nonyl phthalate	250
acenaphthylene	35 J	Diethyl phthalate	360 B
anthracene	320	Diisobutyl phthalate	1900
benz[a]anthracene	40 J	Galaxolide	180
benzo[a]pyrene	18 J	naphthalene	27 J
Bis(2-ethylhexyl)phthalate	2200 B	Permethrin	310
chrysene	70	Pyrene	300





Client Sample Name: BR147	BR1471		Test Method:	MASV15 -1530 analyte method	
FSES Sample ID: A2117	ID: A211721		Date Received:	12/15/21	
Client location:			Matrix:	Passive Sampling Device - Personal	
Chemical Name		oncentration g/Wristband)	Chemical Name		Concentration (ng/Wristband)
1-methylnaphthalene	1	17 J	cyclopenta[cd]pyren	ne	240
2-methylphenanthrene	7	73	Di-n-butyl phthalate		11000 B
acenaphthene	2	27 J	Dibenzofuran		180
acenaphthylene	g	99	Diethyl phthalate		250 B
benz[a]anthracene	1	120	Diisobutyl phthalate		1100
benzo[a]fluorene	3	36 J	fluoranthene		760
benzo[a]pyrene	1	110	fluorene		110
benzo[k]fluoranthene	1	150	naphthalene		39 J
Benzophenone	3	36 J	Permethrin II		230
Benzyl benzoate	1	140	phenanthrene		910
benzyl salicylate	g	980	Phthalimide		600
Bis(2-ethylhexyl)phthalate	5	5700 B	Pyrene		680
chrysene	1	170			





Client Sample Name: BR1483		Test Method: MASV15 -1530 analyte method		
FSES Sample ID: A211722		Date Received:	12/15/21	
Client location:		Matrix:	Passive Sampling Device - Persona	l
Chemical Name	Concentration (ng/Wristband)	Chemical Name		Concentration (ng/Wristband)
acenaphthylene	28 J	Diethyl phthalate		4600 B
anthracene	210	Diisobutyl phthalate		1100
benz[a]anthracene	62	Ethylene brassylate	(Musk NN)	1500
Benzophenone	78 J	fluoranthene		49 J
benzyl salicylate	3100	Galaxolide		1000
Bifenthrin	210	lilial		420
Bis(2-ethylhexyl)phthalate	1400 B	Permethrin		34000
Butyl benzyl phthalate	3800	Phthalimide		440
Di-n-butyl phthalate	2200 B	Pyrene		150
Di-n-nonyl phthalate	880			





Client Sample Name: BR1489	: BR1489		MASV15 -1530 analyte method	
FSES Sample ID: A211723		Date Received:	12/15/21	
Client location:		Matrix:	Passive Sampling Device - Personal	
Chemical Name	Concentration (ng/Wristband)	Chemical Name		Concentration (ng/Wristband)
anthracene	300	Diisobutyl phthalate		3200
benz[a]anthracene	86	Exaltolide [15-Penta	adecanolide]	2800
benzyl salicylate	1100	fluoranthene		320
Bifenthrin	130 J	Galaxolide		120
Bis(2-ethylhexyl)phthalate	2900 B	naphthalene		34 J
Di-n-butyl phthalate	500 B	Permethrin		400
Di-n-nonyl phthalate	940	Phthalimide		180 J
Diethyl phthalate	2600 B	Pyrene		300





Client Sample Name:	BR1498		Test Method:	MASV15 -1530 analyte method	
FSES Sample ID:	A211724		Date Received:	12/15/21	
Client location:			Matrix:	Passive Sampling Device - Personal	
Chemical Name		Concentration (ng/Wristband)	Chemical Name		Concentration (ng/Wristband)
2-methylphenanthrene		49 J	Di-n-butyl phthalate		19000 B
acenaphthylene		42 J	Di-n-nonyl phthalate	е	1100
anthanthrene		120	Di-n-octyl phthalate		4200
anthracene		340	Diethyl phthalate		770 B
benz[a]anthracene		240	fluoranthene		1000
benzo[a]pyrene		220	Galaxolide		880
Benzo[ghi]perylene		130	naphthalene		25 J
benzo[k]fluoranthene		500	Permethrin		4400
Bis(2-ethylhexyl)phthalat	е	15000 B	Permethrin II		8700
chrysene		330	Pyrene		820
cyclopenta[cd]pyrene		260	Tonalide		640



Table 2: Compound Isomers

Campund	
Compund	Alternative Isomers
1,2- dimethylnaphthalene	2-Ethylnaphthalene,2,6-dimethylnaphthalene,1,6-dimethylnaphthalene,1,4-dimethylnaphthalene,1,5-dimethylnaphthalene,1,8-dimethylnaphthalene
1,6- dimethylnaphthalene	2-Ethylnaphthalene,2,6-dimethylnaphthalene,1,4-dimethylnaphthalene,1,2-dimethylnaphthalene,1,5-dimethylnaphthalene
1-methylnaphthalene	2-methylnaphthalene
1-methylphenanthrene	2-methylphenanthrene,2-methylanthracene
2,4-di-tert-butylphenol	Cashmeran, lilial
2,6- dimethylnaphthalene	2-Ethylnaphthalene,1,6-dimethylnaphthalene,1,4-dimethylnaphthalene,1,2-dimethylnaphthalene,1,5-dimethylnaphthalene
2-ethylnaphthalene	2,6-dimethylnaphthalene,1,6-dimethylnaphthalene,1,4-dimethylnaphthalene,1,2-dimethylnaphthalene,1,5-dimethylnaphthalene
2-methylnaphthalene	1-methylnaphthalene
2-methylphenanthrene	2-methylanthracene,1-methylphenanthrene
a-Ionone	b-ionone
anthanthrene	benzo[ghi]perylene
anthracene	phenanthrene
benz[a]anthracene	chrysene,triphenylene
benzo[a]fluorene	benzo[c]fluorene,benzo[b]fluorene
benzo[a]pyrene	benzo[e]pyrene
benzo[b]fluorene	benzo[a]fluorene,benzo[c]fluorene
Benzo[ghi]perylene	anthanthrene
Benzyl alcohol	2-Methylphenol,4-Methylphenol,m-Cresol
Bioallethrin	Bioallethrin S-cyclopentenyl isomer,Methoprene II
Bioallethrin S- cyclopentenyl isomer	Bioallethrin,Methoprene II
b-Ionone	a-ionone
Cashmeran	2,4-di-tert-butylphenol,lilial
chrysene	benz[a]anthracene,triphenylene
Citral A	Citral B
Citral B	Citral A
Cyhalothrin (Gamma)	Cyhalothrin I (lambda)
Cypermethrin-2	Cypermethrin-1,Cypermethrin-3,Cypermethrin-4
Galaxolide	Traseolide,Tonalide
indeno[1,2,3-cd]pyrene	dibenzo[a,h]anthracene,benzo[a]chrysene
lilial	Cashmeran,2,4-di-tert-butylphenol
PBDE 49	PBDE 62,PBDE 75,PBDE 51,PBDE 71,PBDE 47
PBDE 51	PBDE 69,PBDE 50,PBDE 62,PBDE 75,PBDE 49,PBDE 71
Permethrin	Permethrin II



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Permethrin II	Permethrin
phenanthrene	anthracene
	Carvone,2-sec-butylphenol,3-tert-butylphenol,4-tert-butylphenol,Promecarb artifact [5-isopropyl-3-methylphenol],4-butylphenol
Tonalide	Traseolide, Galaxolide
triphenylene	benz[a]anthracene,chrysene

Project#: F21-31:

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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-	58802-08-7	Dioxins/Furans,	-	-	-		
dioxin	00002 00 7	Dioxino, i didilo,					
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	ОРАН	-	-	-		
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	ОРАН	-	-	-		
1,5-dimethylnaphthalene	571-61-9	PAH	-	-	-		
1,6-Benzo(a)pyrene-quinone	3067-13-8	ОРАН	-	-	-		
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	-	-	-		





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Compound	CAS#	Classification		Risk	
			WHO IARC *	EPA IRIS**	Cal/EPA***
1-methylphenanthrene	832-69-9	РАН	3(2010)	-	-
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	4656-58-0	Flame Retardant, PBDE	-	-	-
2'-Hydroxy-4-monobromodiphenyl ether	N/A	Flame Retardant, PBDE	-	-	-
2'-Methoxy-2,4,4'-tribromodiphenyl ether	602326-13-6	Flame Retardant, PBDE	-	-	-
2,3,4,5-Tertrachloronitrobenzene	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-dimethylanthracene	613-06-9	PAH	-	-	-
2,3-xylenol	526-75-0	Industrial,	-	-	-
2,4'-DDD	53-19-0	Insecticide, Pharmacological,	-	-	-
2,4'-DDE	3424-82-6	Insecticide,	-	-	-





Compound	CAS # Classification	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	-		-		





Compound	CAS#	Classification		Risk			
			WHO IARC *	EPA IRIS**	Cal/EPA***		
2,4-Dimethylaniline	95-68-1	Industrial,	3(1987)	-	-		
2,4-Dimethylphenol	105-67-9	Pharmacological, Industrial,	-	Oral RfD	-		
				Assessment: Yes (Last revised: 11-			
				<u>01-1990).</u>			
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-(morpholinothio)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,	-	-	-		





Compound	CAS#	Classification	Risk			
			WHO IARC *	EPA IRIS**	Cal/EPA***	
2-benzothiazolyl sulfide	4074-77-5	Industrial	-	-	-	
2-bromo-4,6-dinitroaniline	1817-73-8	Industrial,	-	-	-	
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,	_	_	_	
	95-57-8	General Pesticide, Industrial,	-	Oral RfD	-	
2-Chlorophenol	95-57-6	General resudue, muusmai,	_	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	РАН	-	-	-	
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	ОРАН	-	_	_	
2-methylanthracene	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-		
2-Naphthylamine	91-59-8	PAH, Industrial	1(2012)	1992). Carcinogenicity Assessment: Yes	cancer (27- Feb-87)	





Compound	CAS#	# Classification	Risk			
			WHO IARC *	EPA IRIS**	Cal/EPA***	
2-Nitroaniline	88-74-4	Industrial,	-	-	-	
2-Nitroanthracene	3586-69-4	PAH	-	-	-	
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	-	-	-	





Compound	CAS # Classification		Risk			
			WHO IARC *	EPA IRIS**	Cal/EPA***	
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,	-	-	-	
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,	_	_	_	





Compound	CAS#	Classification		Risk			
			WHO IARC *	EPA IRIS**	Cal/EPA***		
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,	-	-	-		
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	ОРАН	-	-	-		
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)		





Compound	CAS#	Classification		Risk	
			WHO IARC *	EPA IRIS**	Cal/EPA***
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-dimethylanthracene	781-43-1	PAH	-	-	-
9,10-Phenanthrenequinone	84-11-7	Fungicide, OPAH, Industrial	-	-	-
9-Fluorenone	486-25-9	OPAH, Industrial	-	-	-
9-methylanthracene	779-02-2	PAH	-	-	-
9-Nitroanthracene	602-60-8	PAH	3(1987)	-	-
9-Nitrophenanthrene	954-46-1	PAH	-	-	-
a-lonone	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	ОРАН	ļ-	-	-
acenaphthylene	208-96-8	РАН,		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	-	-	-





Compound	CAS#	Classification Risk			
Compound	0710 11	Classification	WHO IARC * EPA IRIS** Cal/EPA***		
A 15	20000 04 4		IWHO IARC		
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	-	-	-
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	РАН,	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	-	-	-





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Compound	CAS#	CAS # Classification		Risk		
			WHO IARC *	EPA IRIS**	Cal/EPA***	
b-lonone	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	-	-	-	
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	ОРАН	-	-	-	
benz[a]anthracene	56-55-3	РАН,	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	РАН	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	ОРАН	-	-	-	
Benzo(a)pyrene-7,8-dione	65199-11-3	ОРАН	-	-	-	
Benzo(c)phenanthrene(1,4)quinone	109699-80-1	ОРАН	-	-	-	
benzo[a]chrysene	213-46-7	PAH,	3(2010)	-	-	
benzo[a]fluorene	238-84-6	PAH	3(2010)	-	-	





Compound	CAS#	Classification		Risk	
			WHO IARC *	EPA IRIS**	Cal/EPA***
benzo[a]pyrene	50-32-8	РАН,	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)
benzo[b]fluoranthene	205-99-2	РАН,	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	РАН	-	-	-
benzo[c]fluorene	205-12-9	РАН	3(2010)	-	-
benzo[e]pyrene	192-97-2	РАН,	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	РАН,	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	-	-	-





Compound	CAS#	Classification	Risk			
			WHO IARC *	EPA IRIS**	Cal/EPA***	
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	-	-	-	
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	-	-	-	
Bufencarb	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	-	-	-	





Compound	CAS#	Classification		Risk			
			WHO IARC *	EPA IRIS**	Cal/EPA***		
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)	-	-		
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)		





Compound	CAS#	Classification	Risk			
			WHO IARC *	EPA IRIS**	Cal/EPA***	
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	-	-	-	
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,	-	-	- (4.1.00)	
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	- 2D(2040)	Corcinogonicity		
chrysene	218-01-9	РАН,	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				





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Compound	CAS#	Classification		Risk	
			WHO IARC *	EPA IRIS**	Cal/EPA***
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	_	_	_
Crufomate	299-86-5	Insecticide	_	_	_
Cyanazine	21725-46-2	Herbicide,		Oral RfD	developmental (1-
Gyanazine	21725-40-2	Herbicide,		Assessment: Withdrawn (Last revised: 07-01-1992).	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,	<u>-</u>	_	-
Cyprofuram	69581-33-5	Fungicide		-	_
		-	<u> </u>	-	-
Cyromazine	66215-27-8	Insecticide	<u>-</u>	-	-
d-(cis-trans)-Phenothrin-I	26002-80-2	Insecticide,		-	-
d-(cis-trans)-Phenothrin-II	999034-03-6	Insecticide	-	-	-





Compound	CAS#	Classification		Risk	
<u> </u>			WHO IARC *	EPA IRIS**	Cal/EPA***
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	-	-	-
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	-	-	-
				Assessment: Yes (Last revised: 01- 31-1987), Inhalation RfC Assessment: Message (Last revised: 10-01- 1990), Carcinogenicity Assessment: Yes (Last revised: 09- 07-1988)	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 dibenzo[a,h]anthracene	192-65-4 53-70-3	PAH,	3(2010) 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)





Compound	CAS#	Classification		Risk			
			WHO IARC *	EPA IRIS**	Cal/EPA***		
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	-	-	-		
Dicapthon	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)	502-55-6	Herbicide	-	-	-		
Diethyl dithiobis(thionoformate) (EXD)	502-55-6	Herbicide	-	-	-		





Compound	CAS#	Classification		Risk	
			WHO IARC *	EPA IRIS**	Cal/EPA***
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	-	-	-
Difenoxuron	14214-32-5	Herbicide	-	-	-
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	-	-	-





Compound	CAS#	Classification		Risk			
			WHO IARC *	EPA IRIS**	Cal/EPA***		
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,	-	-	-		
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	-	-	-		
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Compound	CAS#	Classification		Risk		
			WHO IARC *	EPA IRIS**	Cal/EPA***	
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	-	-	-	
Ethalfluralin	55283-68-6	Herbicide	-	-	-	
Ethidimuron	30043-49-3	Herbicide	-	-	-	
Ethiofencarb	29973-13-5	Insecticide	-	-	-	
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 (Musk NN)	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)	
Etoxazole	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	-	_	_	





Compound	CAS#	Classification		Risk			
			WHO IARC *	EPA IRIS**	Cal/EPA***		
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	-	-	-		
Fenclorim	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		-			
	93-72-1	Herbicide,	-	Oral RfD	-		
Fenoprop	93-72-1	Herbicide,		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 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		_	_		
	229977-93-9	General Pesticide	-	-	-		
Fluarifon p butyl		Herbicide	<u> </u>		-		
Fluazifop-p-butyl	79241-46-6	rierbicide	-	-	1-		





Compound	CAS # Classification		Risk			
			WHO IARC *	EPA IRIS**	Cal/EPA***	
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	_	_	_	
Fluometuron	2164-17-2	Herbicide	3(1987)	Oral RfD Assessment: Yes (Last revised: 09- 30-1987),	-	
luoranthene	206-44-0	PAH, Pharmacological,	3(2010)	Oral RfD Assessment: Yes (Last revised: 09-		
				O1-1990), Carcinogenicity Assessment: Yes (Last revised: 12- 01-1990)		
fluorene	86-73-7	РАН,	3(2010)	Oral RfD Assessment: Yes (Last revised: 11- 01-1990), Carcinogenicity Assessment: Yes (Last revised: 12- 01-1990)		
Fluorodifen	15457-05-3	Herbicide	Ì-	-	-	
Fluoroglycofen-ethyl	77501-90-7	Herbicide	-	-	-	
fluoroimide	41205-21-4	Fungicide	-	-	-	
Fluotrimazole	31251-03-3	Fungicide	-	-	-	
luoxastrobin cis-	361377-29-9	Fungicide, Herbicide	-	-	-	
Fluquinconazole	136426-54-5	Fungicide	-	-	-	
	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	-	-	-	
lurochloridone II	999043-03-7	Herbicide	-	-	-	
Flurochloridone, deschloro-	999003-03-1	Pesticide Product	-	-	-	
Fluroxypyr-1-methylheptyl ester	81406-37-3	Herbicide	-	-	-	
lurprimidol	56425-91-3	General Pesticide	-	-	-	
lurtamone	96525-23-4	Herbicide	-	-	-	
lusilazole	85509-19-9	Fungicide,	-	-	-	
Tuthiacet-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		_	_	
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Compound	CAS#	Classification		Risk			
			WHO IARC *	EPA IRIS**	Cal/EPA***		
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)		
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	-	-	-		
Haloxyfop-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)		





Compound	CAS#	Classification	Risk			
			WHO IARC *	EPA IRIS**	Cal/EPA***	
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	-	-	-	
lmazalil	35554-44-0	Fungicide, Industrial,	-	-	cancer (20- May-11)	
Imazamethabenz-methyl I	81405-85-8	Herbicide	-	-	-	
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	РАН,	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 thiocyanoacetate	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,	-	-	-	
Isofenphos	25311-71-1	Insecticide,	-	-	-	
Isofenphos-oxon	31120-85-1	General Pesticide	-	-	-	
Isomethiozin	57052-04-7	Herbicide	-	-	-	
Isoprocarb	2631-40-5	Insecticide	-	-	-	
Isopropalin	33820-53-0	Herbicide	-	Oral RfD Assessment: Yes (Last revised: 01- 31-1987).	-	





Compound	CAS#	Classification	Risk		
			WHO IARC *	EPA IRIS**	Cal/EPA***
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)	-
Isoxadifen-ethyl	163520-33-0	Herbicide	-	-	-
Isoxaflutole	141112-29-0	Herbicide	-	-	cancer (22- Dec-00)
Isoxathion	18854-01-8	Insecticide,	-	-	-
Jasmolin I	4466-14-2	Insecticide	-	-	-
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)	





Compound	CAS # Classification	Classification	Risk			
			WHO IARC *	EPA IRIS**	Cal/EPA***	
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	-	-	-	
Mepanipyrim	110235-47-7	Fungicide	-	-	cancer (1-Jul-08)	
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,	-	<u> </u>	-	
Methoprene II	65733-16-6	Insecticide	-	-	-	
Methoprotryne	841-06-5	Herbicide	-	-	-	





Compound	CAS#	Classification		Risk		
			WHO IARC *	EPA IRIS**	Cal/EPA***	
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)	
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)	-	-	





Compound	CAS#	Classification	Risk			
			WHO IARC *	EPA IRIS**	Cal/EPA***	
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).	-	
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	ОРАН	-	-	-	
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 dibutyldithiocarbamate	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)	-	





Compound	CAS#	Classification		Risk		
			WHO IARC *	EPA IRIS**	Cal/EPA***	
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)	
Oxadixyl	77732-09-3	Fungicide	-	-	-	
Oxamyl	23135-22-0	Insecticide,	-	Oral RfD Assessment: Yes (Last revised: 03- 31-1987).	-	
Oxycarboxin	5259-88-1	Fungicide	-	-	-	
Oxychlordane	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).	-	





Compound	CAS#	Classification		Risk		
			WHO IARC *	EPA IRIS**	Cal/EPA***	
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)	
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)	





Compound	CAS#	Classification		Risk			
			WHO IARC *	EPA IRIS**	Cal/EPA***		
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)		
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)	-		





Compound	CAS#	Classification		Risk			
			WHO IARC *	EPA IRIS**	Cal/EPA***		
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	-	-	-		
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	-	-	-		
-	189084-61-5	Flame Retardant, PBDE					





Compound	CAS#	Classification		Risk			
			WHO IARC *	EPA IRIS**	Cal/EPA***		
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)	-		
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)		





Compound	CAS#	Classification		Risk		
			WHO IARC *	EPA IRIS**	Cal/EPA***	
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)	
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	РСВ	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)	





Compound	CAS#	Classification		Risk		
			WHO IARC *	EPA IRIS**	Cal/EPA***	
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)	
PCB 112	74472-36-9	РСВ	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)	





Compound	CAS # Clas	Classification		Risk		
			WHO IARC *	EPA IRIS**	Cal/EPA***	
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)	
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	РСВ	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 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)	
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)	





Compound	CAS#	Classification		Risk		
			WHO IARC *	EPA IRIS**	Cal/EPA***	
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)	
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)	





Compound	CAS#	Classification		Risk			
			WHO IARC *	EPA IRIS**	Cal/EPA***		
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)		
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	РСВ	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 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)		
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)		





Compound	CAS#	Classification		Risk		
			WHO IARC *	EPA IRIS**	Cal/EPA***	
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)	
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	РСВ,	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 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)	
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	РСВ	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 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)		
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	РСВ	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 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)		
PCB 17	37680-66-3	РСВ	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	РСВ	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 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)		
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)		





Compound	CAS#	Classification		Risk		
			WHO IARC *	EPA IRIS**	Cal/EPA***	
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)	
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)	





Compound	CAS#	Classification		Risk			
			WHO IARC *	EPA IRIS**	Cal/EPA***		
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)		
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	РСВ	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 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)		
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)		





Compound	CAS#	Classification		Risk			
			WHO IARC *	EPA IRIS**	Cal/EPA***		
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)		
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)		





Compound	CAS#	Classification		Risk		
			WHO IARC *	EPA IRIS**	Cal/EPA***	
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)	
PCB 207	52663-79-3	РСВ	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	РСВ	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 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)		
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)		





Compound	CAS#	Classification		Risk			
			WHO IARC *	EPA IRIS**	Cal/EPA***		
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)		
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	РСВ	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 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)	
PCB 39	38444-88-1	РСВ,	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)	





Compound	CAS#	Classification		Risk		
			WHO IARC *	EPA IRIS**	Cal/EPA***	
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)	
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)	





Compound	CAS#	Classification		Risk		
			WHO IARC *	EPA IRIS**	Cal/EPA***	
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)	
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	РСВ	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 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)		
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)		





Compound	CAS#	Classification		Risk		
			WHO IARC *	EPA IRIS**	Cal/EPA***	
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)	
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)	





Compound	CAS#	Classification		Risk		
			WHO IARC *	EPA IRIS**	Cal/EPA***	
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)	
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	РСВ	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 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)		
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	РСВ,	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 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)	
PCB 83	60145-20-2	РСВ	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	РСВ	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 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)		
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	РСВ	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)		





University Compound	CAS#	Classification		Risk	di ^{Asb1ew} a ₂
Compound	CAS#	Ciassification	W// 10 14 PO +		0-1/504***
DOD 00			WHO IARC *	EPA IRIS**	Cal/EPA***
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)
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	-	-	-





University	CAC #	Classification	Piek			
Compound	CAS#	Classification		Risk		
			WHO IARC *	EPA IRIS**	Cal/EPA***	
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).	-	
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)	
Pentanochlor	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	ОРАН	-	-	-	
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	-	-	-	





Compound	CAS#	Classification		Risk		
			WHO IARC *	EPA IRIS**	Cal/EPA***	
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	-	-	-	
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,	-	<u> </u>	-	





Compound	CAS # Classification	Classification		Risk		
			WHO IARC *	EPA IRIS**	Cal/EPA***	
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	-	-	-	
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	-	-	-	





Compound	CAS#	Classification	Risk		
			WHO IARC *	EPA IRIS**	Cal/EPA***
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	-	-	-
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)	
Quinoxyfen	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	-	-	-





Compound	CAS#	Classification		Risk			
			WHO IARC *	EPA IRIS**	Cal/EPA***		
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)		
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)		
ТСМТВ	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	-	-	-		





Compound	CAS#	Classification	Risk			
			WHO IARC *	EPA IRIS**	Cal/EPA***	
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	-	-	-	
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,	-	-	-	





Compound	CAS#	Classification	Risk			
			WHO IARC *	EPA IRIS**	Cal/EPA***	
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,	-	-	-	
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,	-	-	-	
Uniconizole-P	83657-17-4	Fungicide	-	-	-	
Vamidothion	2275-23-2	Fungicide, Insecticide	-	-	-	





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			WHO IARC *	EPA IRIS**	Cal/EPA***
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	-	-	-