

# Food Safety and Environmental Stewardship Program 1007 Agricultural and Life Sciences Building

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## Certificate of Analysis

Client Report For:

MyExposome

5060 SW Philomath Blvd. #501

Corvallis, OR 97333

**USA** 

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**Project Name:** 

MyExposome PO 218

**Project Number:** 

F19-26

**Report Date:** 

January 09 2020

QC Review

Date

ESES Director Approval: Kim A Anderson

1-9-2020

Date

Project#: F19-26:

MyExposome PO

218



#### 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 ng/g(Wristband) = ppb pg/µL = ppb µg/mL = ppm

#### **Abbreviations:**

J flag: Indicates lower precision in quantitation due to values near limits of detection or matrix effects.

B flag: The sample was background corrected.

U\* flag: Indicates confirmed presence of the chemical but inability to quantify due to matrix interference.

Y flag: Indicates a chemical is present but quantitation is not possible.

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

#### **COA Notes:**

27 total samples were submitted by client. A total of 27 samples were analyzed.

#### QC Summary:

Q samples were analy ed over the course of this project.

Eight continuing calibration verifications s were included in this analysis. Il eight s met SO 2 . 2 data uality objectives DQOs including % compound detection fre uency, retention time standard within DQO window, and % of compounds detected within 2.5 of true concentration.

Six instrument blanks B were run through the course of this project. No target analytes were detected in any B.

Duplicates and overspikes were run with this analysis, all samples met DQOs.

Blanks run within this analysis showed low level detections of butylated hydroxytoluene, diethyl phthalate, di-n-butyl phthalate and diisobutyl phthalate. No detection in any blank exceeded 25% of the lowest reported value for these analytes.





Client Sample Name: FR-EMS-001		Test Method: MASIV-1500 analyte method	
FSES Sample ID: A190639		Date Received: 06/17/19	
Client location:		Matrix: Passive Sampling Device - Personal	
Chemical Name	Molar Concentration (mMol/WB)	Chemical Name	Molar Concentration (mMol/WB)
4-tert-butylphenol	2.93e-006	Coumarin	7.53e-006
amyl cinnamal	1.19e-005	Di-n-butyl phthalate	0.00019
b-citronellol	6.27e-006	Diethyl phthalate	0.000198
b-lonone	1.35e-006	Diisobutyl phthalate	8.26e-005
Benzophenone	5.49e-006	Ethylene brassylate	7.77e-005
Benzyl benzoate	7.54e-005	Galaxolide	0.000232
benzyl salicylate	0.000272	hydroxy-citronellal	1.45e-005
Bis(2-ethylhexyl)phthalate	1.36e-005	lilial	2.94e-005
Butyl benzyl phthalate	3.84e-005	Musk Ketone	2.31e-005
Butylated hydroxyanisole	2.7e-006	N,N-Diethyl-m-toluamide	4.76e-005
butylated hydroxytoluene	1.18e-005	TCPP	4.58e-006
Caffeine	4.89e-006	Tonalide	1.04e-005
Citral A	1.9e-006		





Client Sample Name: FR-EMS-002		Test Method: MASIV-1500 analyte method	
FSES Sample ID: A190640		Date Received: 06/17/19	
Client location:		Matrix: Passive Sampling Device - Personal	
Chemical Name	Molar Concentration (mMol/WB)	Chemical Name	Molar Concentration (mMol/WB)
4-isopropylphenol	6.17e-007	Citral A	7.23e-006
amyl cinnamal	1.58e-005	Di-n-butyl phthalate	0.000151
b-citronellol	4.86e-006	Diethyl phthalate	8.1e-006
b-lonone	4.42e-006	Diisobutyl phthalate	0.000162
Benzophenone	2.09e-005	Ethylene brassylate	0.000118
Benzyl benzoate	7.54e-005	Galaxolide	0.000139
benzyl salicylate	0.000197	lilial	2.15e-005
Bis(2-ethylhexyl)phthalate	1.02e-005	PBDE 47	1.91e-006
Butyl benzyl phthalate	1.57e-005	TCEP	8.76e-006
butylated hydroxytoluene	6.81e-006	TCPP	9.77e-006
Caffeine	2.11e-005	Tonalide	1.2e-005
cinnamal	3.63e-007		





Client Sample Name:	FR-EMS-003		Test Method:	MASIV-1500 analyte method	
FSES Sample ID:	A190641		Date Received:	06/17/19	
Client location:			Matrix:	Passive Sampling Device - Personal	
Chemical Name		Molar Concentration (mMol/WB)	Chemical Name		Molar Concentration (mMol/WB)
4-chloro-3,5-dimethylph	enol	1.92e-006	Coumarin		2.6e-005
4-tert-butylphenol		9.99e-006	Di-n-butyl phthala	te	0.000122
amyl cinnamal		4.35e-006	Di-n-nonyl phthala	ate	1.48e-006
b-citronellol		2.69e-006	Diisobutyl phthala	te	0.000129
b-lonone		1.51e-005	Ethylene brassyla	te	0.000111
Benzophenone		8.23e-006	Eugenol		7.92e-007
Benzothiazole		2.29e-006	Galaxolide		8.13e-005
Benzyl benzoate		0.000264	lilial		1.91e-005
benzyl salicylate		6.13e-005	Linalool		1.17e-005
Bis(2-ethylhexyl)phthala	ate	6.66e-006	PBDE 49		1.93e-006
Butyl benzyl phthalate		4.8e-005	Quinoline		1.55e-006
Butylated hydroxyaniso	le	6.07e-006	TCPP		1.25e-005
butylated hydroxytoluer	ie	4.99e-006	Tonalide		5.8e-006
Cashmeran		3.44e-006	Triethyl phosphate		3.07e-006
Citral A		9.85e-007			





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Client Sample Name:	FR-EMS-004		Test Method:	MASIV-1500 analyte method	
FSES Sample ID:	A190642		Date Received:	06/17/19	
Client location:			Matrix:	Passive Sampling Device - Personal	
Chemical Name		Molar Concentration (mMol/WB)	Chemical Name		Molar Concentration (mMol/WB)
amyl cinnamal		5.44e-006	Di-n-nonyl phthala	ate	3.58e-005
anthracene		3.65e-007	Diisobutyl phthala	te	0.000359
b-citronellol		4.74e-006	Ethofenprox		1.49e-006
b-Ionone		1.25e-006	Ethylene brassyla	te	0.000277
Benzophenone		6.04e-006	Galaxolide		0.000159
Benzyl benzoate		9.42e-005	Hydroprene		9.01e-006
benzyl salicylate		0.000166	lilial		1.47e-005
Bifenthrin		9.93e-005	N,N-Diethyl-m-tolu	uamide	5.23e-005
Bis(2-ethylhexyl)phthala	te	5.89e-006	Permethrin		0.000212
Butyl benzyl phthalate		4.16e-005	Permethrin II		0.000164
Butylated hydroxyanisol	e	4.03e-006	Quinoline		7.74e-007
butylated hydroxytoluen	e	7.71e-006	TCPP		1.31e-005
Citral A		7.88e-006	Tonalide		3.33e-006
Coumarin		2.26e-006	Tributyl phosphate		6.38e-006
Di-n-butyl phthalate		0.000223			





Client Sample Name: F	R-EMS-005		Test Method:	MASIV-1500 analyte method	70010
FSES Sample ID: A	190643		Date Received:	06/17/19	
Client location:			Matrix:	Passive Sampling Device - Personal	
Chemical Name		Molar Concentration (mMol/WB)	Chemical Name		Molar Concentration (mMol/WB)
2,4-di-tert-butylphenol		3.59e-006	Di-n-octyl phthala	te	3.07e-006
amyl cinnamal		2.42e-005	Diisobutyl phthala	te	4.31e-005
b-citronellol		1.15e-006	Dimethyl phthalate	е	1.65e-006
b-lonone		1.09e-005	Ethylene brassyla	te	2.66e-005
Benzophenone		1.76e-005	Galaxolide		0.000101
Benzothiazole		1.85e-006	lilial		4.41e-005
Benzyl benzoate		8.48e-005	Linalool		6.48e-006
benzyl salicylate		0.000118	N,N-Diethyl-m-toluamide		0.00105
Bis(2-ethylhexyl)phthalate	9	0.000307	phenanthrene		3.87e-007
Butyl benzyl phthalate		9.92e-005	Quinoline		1.47e-006
butylated hydroxytoluene		5.45e-006	TCEP		5.95e-006
cinnamal		1.06e-006	TCPP		1.5e-006
Coumarin		5.75e-006	Tonalide		9.67e-006
Di-n-butyl phthalate		0.000129	Tri-p-tolyl phosphate		6.52e-007
Di-n-nonyl phthalate		3.11e-006	Triethyl phosphate	9	1.21e-006





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Client Sample Name: FR	-EMS-006		Test Method:	MASIV-1500 analyte method	
FSES Sample ID: A1	90644		Date Received:	06/17/19	
Client location:			Matrix:	Passive Sampling Device - Personal	
Chemical Name		Molar Concentration (mMol/WB)	Chemical Name		Molar Concentration (mMol/WB)
amyl cinnamal		1.48e-005	Diisobutyl phthala	te	3.23e-005
b-citronellol		7.04e-006	Dimethyl phthalate	9	5.1e-006
b-lonone		7.8e-006	Ethylene brassyla	te	0.000148
Benzophenone		1.21e-005	Exaltolide [15-Per	ntadecanolide]	1.04e-006
Benzothiazole		2.44e-006	Farnesol I		2.34e-006
Benzyl benzoate		0.000174	Galaxolide		0.000159
benzyl salicylate		5.7e-005	hydroxy-citronella		4.59e-005
Bis(2-ethylhexyl)phthalate		0.000333	lilial		5.87e-005
Butyl benzyl phthalate		4.8e-006	Linalool		3.57e-006
butylated hydroxytoluene		1.95e-006	lyral		2.81e-006
cinnamal		1.36e-005	N,N-Diethyl-m-toluamide		1.25e-005
Citral A		2.82e-006	naphthalene		1.64e-007
Coumarin		1.92e-005	Quinoline		1.63e-006
Di-n-butyl phthalate		2.8e-005	ТСРР		2.32e-006
Diethyl phthalate		0.000441	Tonalide		4.64e-006





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Client Sample Name: FR-	EMS-007		Test Method:	MASIV-1500 analyte method	
FSES Sample ID: A19	90645		Date Received:	06/17/19	
Client location:			Matrix:	Passive Sampling Device - Personal	
Chemical Name		Molar Concentration (mMol/WB)	Chemical Name		Molar Concentration (mMol/WB)
4-chloro-3,5-dimethylpheno	l	7.66e-007	Cypermethrin-2		3.84e-006
amyl cinnamal		3.21e-006	Di-n-butyl phthala	te	0.000172
b-citronellol		1.34e-005	Di-n-nonyl phthala	ite	4.06e-006
b-lonone		8.32e-007	Diethyl phthalate		2.25e-005
Benzophenone		5.05e-006	Diisobutyl phthalate		0.000162
Benzyl benzoate		3.11e-005	Ethofenprox		2.15e-006
benzyl salicylate		5.7e-005	Ethylene brassyla	te	2.33e-005
Bis(2-ethylhexyl)phthalate		1.15e-005	Galaxolide		7.74e-005
Butyl benzyl phthalate		6.4e-005	lilial		9.79e-006
Butylated hydroxyanisole		2.43e-006	Permethrin		2.81e-006
butylated hydroxytoluene		5.45e-006	Promecarb		2.22e-006
Caffeine		3.55e-005	ТСРР		2.38e-005
cinnamal		9.84e-007	Tonalide		3.02e-006
Citral A		7.88e-006			





Client Sample Name: FR-EMS-008		Test Method:	MASIV-1500 analyte method	
FSES Sample ID: A190646		Date Received:	06/17/19	
Client location:		Matrix:	Passive Sampling Device - Personal	
Chemical Name	Molar Concentration (mMol/WB)	Chemical Name		Molar Concentration (mMol/WB)
2,4-di-tert-butylphenol	1.41e-006	Coumarin		1.85e-006
4-tert-butylphenol	1.93e-006	Di-n-butyl phthala	te	0.000119
amyl cinnamal	2.18e-005	Di-n-nonyl phthala	ate	2.39e-005
b-lonone	5.2e-006	Diisobutyl phthala	te	0.000165
Benzophenone	1.98e-005	Ethylene brassylate		6.29e-005
Benzyl benzoate	0.000113	Galaxolide		0.00024
Benzyl cinnamate	2.1e-005	lilial		1.37e-005
benzyl salicylate	0.000193	Linalool		1.17e-006
Bifenthrin	2.84e-006	N,N-Diethyl-m-tol	uamide	2.82e-005
Bis(2-ethylhexyl)phthalate	1.87e-005	Piperonyl butoxid	Э	7.68e-005
Butyl benzyl phthalate	2.75e-005	ТСРР		2.9e-006
Butylated hydroxyanisole	6.07e-006	Tonalide		2.13e-005
butylated hydroxytoluene	5.9e-006	Tributyl phosphate		3.08e-006
Citral A	4.01e-006	Tricresylphosphat	e, meta-	1.71e-006





Client Sample Name: FR-EMS-009		Test Method: MASIV-	1500 analyte method	, 43рден
FSES Sample ID: A190647		Date Received: 06/17/19		
Client location:		Matrix: Passive	Sampling Device - Personal	
Chemical Name	Molar Concentration (mMol/WB)	Chemical Name		Molar Concentration (mMol/WB)
4-tert-butylphenol	9.32e-007	Dicyclohexyl phthalate		6.96e-007
b-lonone	4.37e-006	Diethyl phthalate		4.95e-005
Benzophenone	5.27e-006	Diisobutyl phthalate		0.000122
Benzyl benzoate	3.39e-005	Dimethyl phthalate		2.01e-006
benzyl salicylate	0.000337	Ethylene brassylate		0.000629
Bifenthrin	6.15e-006	Galaxolide		0.000205
Butyl benzyl phthalate	5.76e-005	Geraniol		5.32e-006
Butylated hydroxyanisole	5.41e-006	hydroxy-citronellal		5.63e-006
butylated hydroxytoluene	1.18e-005	lilial		1.52e-005
Caffeine	1.44e-005	N,N-Diethyl-m-toluamide		1.46e-005
cinnamal	5.98e-007	Quinoline		9.29e-007
Citral A	5.19e-006	TCPP		1.04e-005
Coumarin	2.12e-006	Tonalide		1.59e-005
Di-n-butyl phthalate	7.54e-005	Triethyl phosphate		5.11e-007





Client Sample Name: FR-EMS-010		Test Method: MASIV-1500 analyte method	
FSES Sample ID: A190648		Date Received: 06/17/19	
Client location:		Matrix: Passive Sampling Device - Persona	
Chemical Name	Molar Concentration (mMol/WB)	Chemical Name	Molar Concentration (mMol/WB)
2,4-Dimethylaniline	2.15e-006	cinnamal	9.08e-007
4-tert-butylphenol	2.4e-006	Di-n-butyl phthalate	6.47e-005
amyl cinnamal	7.42e-006	Di-n-nonyl phthalate	2.87e-006
b-citronellol	1.6e-006	Dicyclohexyl phthalate	3.63e-006
b-lonone	6.24e-005	Diethyl phthalate	9e-005
Benzophenone	5.21e-006	Diisobutyl phthalate	7.54e-005
Benzothiazole	8.88e-007	Ethylene brassylate	0.000237
Benzyl benzoate	2.97e-005	Eugenol	9.14e-007
benzyl salicylate	0.00039	lilial	1.22e-005
Bis(2-ethylhexyl)phthalate	7.43e-006	Linalool	9.72e-007
Butyl benzyl phthalate	6.4e-005	Tonalide	1.32e-005
Butylated hydroxyanisole	4.52e-006	Tributyl phosphate	5.26e-006
butylated hydroxytoluene	8.17e-006	Triclosan	8.98e-007





Client Sample Name: FR-EMS-011		Test Method: MASIV-1500 analyte method	
FSES Sample ID: A190649		Date Received: 06/17/19	
Client location:		Matrix: Passive Sampling Device - Persor	nal
Chemical Name	Molar Concentration (mMol/WB)	Chemical Name	Molar Concentration (mMol/WB)
amyl cinnamal	8.4e-005	Di-n-butyl phthalate	0.000503
b-citronellol	9.6e-006	Di-n-nonyl phthalate	6.45e-005
b-lonone	7.28e-006	Diisobutyl phthalate	0.000395
Benzophenone	2.52e-005	Ethylene brassylate	0.000111
Benzothiazole	2.29e-006	Galaxolide	0.000255
benzyl salicylate	0.000131	lilial	2.79e-005
Bis(2-ethylhexyl)phthalate	2.82e-005	Linalool	1.43e-006
Buprofezin	4.91e-006	Musk Ketone	7.14e-006
Butyl benzyl phthalate	1.5e-005	Permethrin	2.56e-006
Butylated hydroxyanisole	9.93e-006	TCPP	1.4e-005
butylated hydroxytoluene	1.09e-005	Tonalide	1.47e-005
Citral A	7.23e-006	Tri-p-tolyl phosphate	3.53e-006
Citral B	<9.85e-007 U	Tris(2-ethylhexyl) phosphate	1.06e-005





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Client Sample Name: FR-EMS-012		Test Method:	MASIV-1500 analyte method	
FSES Sample ID: A190650		Date Received:	06/17/19	
Client location:		Matrix:	Passive Sampling Device - Personal	
Chemical Name	Molar Concentration (mMol/WB)	Chemical Name		Molar Concentration (mMol/WB)
amyl cinnamal	1.43e-005	Di-n-butyl phthala	te	0.000158
b-citronellol	9.6e-006	Di-n-hexyl phthala	te	2.93e-005
b-lonone	3.33e-006	Di-n-nonyl phthala	ite	2.87e-006
Benzophenone	2.25e-006	Diisobutyl phthalate		0.000431
Benzothiazole	1.11e-006	Dimethyl phthalate		4.07e-006
Benzyl alcohol	1.11e-005	Ethylene brassylate		4.07e-005
Benzyl benzoate	3.63e-005	Galaxolide		0.00024
benzyl salicylate	0.000101	lilial		1.66e-005
Bis(2-ethylhexyl)phthalate	1.61e-005	N,N-Diethyl-m-tolu	uamide	6.27e-006
Butyl benzyl phthalate	3.2e-005	Phthalimide		3.13e-006
Butylated hydroxyanisole	5.02e-006	TCPP		2.14e-005
butylated hydroxytoluene	7.26e-006	Tonalide		2.9e-006
Caffeine	1.03e-005	Tributyl phosphate		2.63e-006
Citral A	6.11e-006	Tris(2-ethylhexyl) phosphate		4.6e-006





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Client Sample Name: FR-EMS-013		Test Method:	MASIV-1500 analyte method	
FSES Sample ID: A190651		Date Received:	06/17/19	
Client location:		Matrix:	Passive Sampling Device - Personal	
Chemical Name	Molar Concentration (mMol/WB)	Chemical Name		Molar Concentration (mMol/WB)
amyl cinnamal	1.98e-006	Diisobutyl phthala	te	3.34e-005
anthracene	2.13e-007	Dimethyl phthalat	е	9.78e-006
b-citronellol	2.69e-006	Ethylene brassylate		1.66e-006
b-lonone	9.88e-007	Galaxolide		6.19e-006
Benzophenone	9.33e-006	lilial		3.52e-006
Benzyl benzoate	2.69e-005	N,N-Diethyl-m-tol	uamide	1.99e-006
benzyl salicylate	1.53e-006	Quinoline		2.32e-006
Bis(2-ethylhexyl)phthalate	6.91e-006	TCPP		8.55e-007
Butylated hydroxyanisole	2.87e-006	Tonalide		5.8e-007
Coumarin	3.01e-006	Triethyl phosphate		3.02e-006
Di-n-butyl phthalate	1.72e-005			





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Client Sample Name: FR-EMS-014		Test Method:	MASIV-1500 analyte method	
FSES Sample ID: A190652		Date Received:	06/17/19	
Client location:		Matrix:	Passive Sampling Device - Persona	I
Chemical Name	Molar Concentration (mMol/WB)	Chemical Name		Molar Concentration (mMol/WB)
a-lonone	9.88e-006	Di-n-butyl phthala	te	0.000172
amyl cinnamal	5.44e-006	Dicyclohexyl phth	alate	1.69e-005
b-citronellol	7.68e-006	Diisobutyl phthala	te	0.000101
b-lonone	4.78e-006	Ethylene brassyla	te	0.000218
Benzophenone	9.33e-006	Galaxolide		0.000302
Benzothiazole	7.4e-007	Hydroprene		9.01e-006
Benzyl benzoate	6.6e-005	lilial		2.2e-006
benzyl salicylate	0.000526	Linalool		2.46e-006
Bifenthrin	1.82e-005	N,N-Diethyl-m-tol	uamide	1.2e-005
Bis(2-ethylhexyl)phthalate	3.33e-005	Permethrin		0.000434
Butyl benzyl phthalate	0.000106	Permethrin II		0.000562
Butylated hydroxyanisole	2.76e-006	Piperonyl butoxide		2.25e-005
butylated hydroxytoluene	8.17e-006	ТСРР		2.32e-006
Citral A	1.97e-006	Thymol		1.07e-006
Coumarin	1.23e-005	Tonalide		1.39e-005
d-Limonene	3.08e-006	Tributyl phosphate	9	6.01e-006





Client Sample Name: FR-EMS-015		Test Method: MASIV-1500 analyte method	
FSES Sample ID: A190653		Date Received: 06/17/19	
Client location:		Matrix: Passive Sampling Device - Persona	1
Chemical Name	Molar Concentration (mMol/WB)	Chemical Name	Molar Concentration (mMol/WB)
2-methylphenanthrene	5.72e-007	Caffeine	2.37e-005
acenaphthylene	3.81e-007	Citral A	6.37e-006
amyl cinnamal	1.19e-005	Di-n-butyl phthalate	0.000119
anthracene	4.71e-007	Diisobutyl phthalate	9.7e-005
b-citronellol	5.25e-006	Ethofenprox	3.72e-006
b-lonone	7.28e-007	Ethylene brassylate	3.22e-005
Benzophenone	7.13e-006	Galaxolide	5.42e-005
Benzyl benzoate	3.35e-005	lilial	6.36e-006
benzyl salicylate	9.2e-005	N,N-Diethyl-m-toluamide	0.000105
Bis(2-ethylhexyl)phthalate	0.00138	TCPP	1.47e-005
Butyl benzyl phthalate	0.000118	Tonalide	3.41e-006
Butylated hydroxyanisole	3.2e-006	Triethyl phosphate	1.48e-005
butylated hydroxytoluene	3.13e-006		





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Client Sample Name: FF	R-EMS-016		Test Method:	MASIV-1500 analyte method	
FSES Sample ID: A	190654		Date Received:	06/17/19	
Client location:			Matrix:	Passive Sampling Device - Personal	
Chemical Name		Molar Concentration (mMol/WB)	Chemical Name		Molar Concentration (mMol/WB)
1-methylnaphthalene		1.13e-007	Di-n-butyl phthala	te	0.000251
amyl cinnamal		2.22e-005	Di-n-nonyl phthala	ite	2.39e-005
b-lonone		3.02e-006	Di-n-octyl phthala	te	0.000143
Benzophenone		9.33e-006	Diethyl phthalate		4.41e-005
Benzothiazole		8.14e-007	Diisobutyl phthalate		0.000108
Benzyl alcohol		6.47e-006	Dimethyl phthalate		5.15e-006
Benzyl benzoate		0.000141	Ethylene brassylate		0.0027
Benzyl cinnamate		3.69e-007	Galaxolide		0.000851
benzyl salicylate		0.000399	lilial		1.03e-005
Bis(2-ethylhexyl)phthalate		1.54e-005	Musk Ketone		2.58e-006
Butyl benzyl phthalate		1.79e-005	N,N-Diethyl-m-tol	uamide	7.32e-006
Butylated hydroxyanisole		8.28e-006	PBDE 47		1.17e-006
butylated hydroxytoluene		1.45e-005	Phthalimide		3.87e-006
cinnamal		1.29e-006	Quinoline		6.19e-007
Citral A		1.97e-006	TCPP		9.16e-006
Coumarin		4.11e-006	Tonalide		5.42e-006





Client Sample Name: FR-EMS-017		Test Method: MASIV-1500 analyte method	
FSES Sample ID: A190655		Date Received: 06/17/19	
Client location:		Matrix: Passive Sampling Device - Personal	
Chemical Name	Molar Concentration (mMol/WB)	Chemical Name	Molar Concentration (mMol/WB)
amyl cinnamal	2.57e-005	Di-n-hexyl phthalate	2.57e-006
b-lonone	1.82e-005	Di-n-nonyl phthalate	1.15e-005
Benzophenone	2.03e-005	Diisobutyl phthalate	6.83e-005
Benzothiazole	1.18e-006	Ethofenprox	1.91e-006
Benzyl benzoate	0.00016	Ethylene brassylate	0.000237
benzyl salicylate	8.76e-005	Galaxolide	0.000166
Bis(2-ethylhexyl)phthalate	5.12e-006	lilial	3.03e-005
Butyl benzyl phthalate	1.98e-005	N,N-Diethyl-m-toluamide	3.92e-005
Butylated hydroxyanisole	2.76e-006	PBDE 49	2.68e-007
butylated hydroxytoluene	1.41e-005	Tonalide	6.19e-006
Di-n-butyl phthalate	6.47e-005		





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Client Sample Name: FR-EMS-018		Test Method: MASIV-1500 analyte method	
FSES Sample ID: A190656		Date Received: 06/17/19	
Client location:		Matrix: Passive Sampling Device - Persor	nal
Chemical Name	Molar Concentration (mMol/WB)	Chemical Name	Molar Concentration (mMol/WB)
amyl cinnamal	5.93e-005	Coumarin	3.28e-006
b-citronellol	3.2e-006	Di-n-butyl phthalate	0.000104
b-lonone	3.48e-006	Di-n-nonyl phthalate	0.000103
Benzophenone	6.59e-006	Diethyl phthalate	0.000112
Benzyl alcohol	2.59e-006	Diisobutyl phthalate	8.62e-005
Benzyl benzoate	0.000287	Ethylene brassylate	0.000348
Benzyl cinnamate	2.06e-005	Galaxolide	0.000201
benzyl salicylate	0.000438	lilial	5.38e-005
Bis(2-ethylhexyl)phthalate	1.43e-005	lyral	2.38e-006
Butyl benzyl phthalate	0.000115	N,N-Diethyl-m-toluamide	0.000298
Butylated hydroxyanisole	3.26e-006	Piperonyl butoxide	7.09e-005
butylated hydroxytoluene	9.53e-006	TCPP	7.02e-006
cinnamal	1.82e-006	Tonalide	8.9e-006
Citral A	2.43e-006	Tributyl phosphate	4.88e-006





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Client Sample Name:	FR-EMS-019		Test Method:	MASIV-1500 analyte method	
FSES Sample ID:	A190657		Date Received:	06/17/19	
Client location:			Matrix:	Passive Sampling Device - Personal	
Chemical Name		Molar Concentration (mMol/WB)	Chemical Name		Molar Concentration (mMol/WB)
amyl cinnamal		4.05e-006	Di-n-butyl phthala	te	0.000101
b-citronellol		6.34e-006	Di-n-nonyl phthala	ite	2.63e-006
b-lonone		2.18e-006	Diethyl phthalate		4.95e-005
Benzophenone		7.68e-006	Diisobutyl phthala	te	0.000305
Benzyl benzoate		3.39e-005	Dimethyl phthalate		1.34e-006
benzyl salicylate		7.89e-005	Ethylene brassylate		4.81e-005
Bifenthrin		3.55e-006	Galaxolide		7.74e-005
Bis(2-ethylhexyl)phthala	ate	1.66e-005	lilial		2.1e-005
Butyl benzyl phthalate		0.000115	Linalool		9.08e-007
Butylated hydroxyaniso	le	5.19e-006	lyral		3.9e-006
butylated hydroxytoluer	ne	5.45e-006	N,N-Diethyl-m-tol	uamide	2.82e-005
Caffeine		2.99e-005	Permethrin		5.11e-006
Carvone		2.46e-006	Permethrin II		5.88e-006
cinnamal		1.21e-006	ТСРР		5.19e-006
Citral A		6.57e-006	Tonalide		3.79e-006
Coumarin		2.74e-006	Tributyl phosphate	9	1.31e-006





Client Sample Name: FR-EMS-020		Test Method: MASIV-1500 analyte method	
FSES Sample ID: A190658		Date Received: 06/17/19	
Client location:		Matrix: Passive Sampling Device - Persona	1
Chemical Name	Molar Concentration (mMol/WB)	Chemical Name	Molar Concentration (mMol/WB)
amyl cinnamal	7.91e-006	Di-n-butyl phthalate	9.34e-005
b-citronellol	2.24e-006	Diethyl phthalate	5.4e-006
b-lonone	6.76e-007	Diisobutyl phthalate	0.000144
Benzophenone	1.87e-006	Ethylene brassylate	7.4e-005
Benzyl benzoate	4.19e-005	Galaxolide	6.58e-005
benzyl salicylate	0.000206	lilial	9.79e-006
Bifenthrin	1.04e-006	N,N-Diethyl-m-toluamide	1.36e-005
Bis(2-ethylhexyl)phthalate	1.02e-005	Permethrin	3.83e-006
Butyl benzyl phthalate	7.04e-005	Pyrene	4.4e-007
Butylated hydroxyanisole	1.54e-006	TCPP	3.66e-006
butylated hydroxytoluene	3.45e-006	Tonalide	3.33e-006
Caffeine	6.18e-006	Tributyl phosphate	2.1e-006
Citral A	5.71e-006		





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Client Sample Name: FR-EMS-021		Test Method:	MASIV-1500 analyte method	
FSES Sample ID: A190659		Date Received:	06/17/19	
Client location:		Matrix:	Passive Sampling Device - Personal	
Chemical Name	Molar Concentration (mMol/WB)	Chemical Name		Molar Concentration (mMol/WB)
1-methylnaphthalene	1.62e-007	Di-n-butyl phthala	te	0.00018
amyl cinnamal	4.1e-006	Di-n-hexyl phthala	ite	7.47e-006
anthracene	4.77e-007	Di-n-nonyl phthala	ite	2.87e-005
b-citronellol	3.58e-006	Diisobutyl phthala	te	0.000198
b-lonone	4.47e-006	Ethofenprox		1.06e-005
Benzophenone	4.94e-006	Ethylene brassyla	te	0.000181
Benzothiazole	9.62e-007	Galaxolide		0.000124
benzyl salicylate	0.000166	lilial		3.08e-005
Bifenthrin	6.86e-006	N,N-Diethyl-m-tolu	uamide	4.08e-006
Bis(2-ethylhexyl)phthalate	3.07e-005	naphthalene		1.25e-007
Butyl benzyl phthalate	0.000205	PBDE 49		1.83e-006
Butylated hydroxyanisole	6.07e-006	Permethrin		1.79e-006
butylated hydroxytoluene	7.26e-006	ТСРР		4.27e-006
Celestolide	6.96e-007	Tonalide		1.08e-005
Citral A	5.78e-006	Tributyl phosphate	e	2.44e-006
Cypermethrin-2	2.11e-006			





Client Sample Name: FR-EMS-022		Test Method: MASIV-1500 analyte method	74610
FSES Sample ID: A190660		Date Received: 06/17/19	
Client location:		Matrix: Passive Sampling Device - Persona	I
Chemical Name	Molar Concentration (mMol/WB)	Chemical Name	Molar Concentration (mMol/WB)
4-isopropylphenol	7.34e-007	Diisobutyl phthalate	7.9e-005
amyl cinnamal	4.6e-006	Ethofenprox	2.05e-006
b-citronellol	7.68e-006	Ethylene brassylate	0.000666
b-lonone	6.24e-007	Farnesol I	3.51e-006
Benzyl benzoate	0.000113	Galaxolide	0.000341
benzyl salicylate	9.64e-005	Isobornyl thiocyanoacetate	0.000118
Bis(2-ethylhexyl)phthalate	1.08e-005	lilial	8.32e-006
Butyl benzyl phthalate	4.8e-005	Methyleugenol	1.91e-006
Butylated hydroxyanisole	1.66e-006	N,N-Diethyl-m-toluamide	1.05e-005
butylated hydroxytoluene	6.35e-006	Permethrin II	1.12e-005
Cashmeran	3e-006	TCPP	9.77e-006
Citral A	5.58e-006	Tonalide	2.13e-006
Di-n-butyl phthalate	0.000108	Tris(2-ethylhexyl) phosphate	8.28e-006
Di-n-nonyl phthalate	1.24e-005		





Client Sample Name: FR	-EMS-024		Test Method:	MASIV-1500 analyte method	
FSES Sample ID: A1	90661		Date Received:	06/17/19	
Client location:			Matrix:	Passive Sampling Device - Personal	
Chemical Name		Molar Concentration (mMol/WB)	Chemical Name		Molar Concentration (mMol/WB)
2-methylphenanthrene		4.06e-007	Di-n-nonyl phthala	ate	3.58e-006
anthracene		2.47e-007	Diisobutyl phthala	te	7.19e-005
b-lonone		7.28e-006	Dimethyl phthalate	е	5.15e-006
Benzophenone		8.78e-006	Ethylene brassyla	te	4.44e-005
Benzothiazole		1.92e-006	Galaxolide		3.02e-005
Benzyl benzoate		0.000707	lilial		1.32e-005
benzyl salicylate		3.55e-005	lyral		2.81e-006
Bis(2-ethylhexyl)phthalate		0.000333	N,N-Diethyl-m-tol	uamide	0.000199
Butyl benzyl phthalate		1.66e-005	Permethrin		7.67e-007
Butylated hydroxyanisole		3.42e-006	Quinoline		5.19e-007
butylated hydroxytoluene		1.32e-006	TCPP		1.4e-006
Caffeine		6.69e-006	Tonalide		1.24e-006
Citral A		4.34e-006	Tributyl phosphate		2.07e-006
Coumarin		1.78e-006	Triethyl phosphate		8.78e-007
Di-n-butyl phthalate		4.67e-005			





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Client Sample Name: FF	R-EMS-026		Test Method:	MASIV-1500 analyte method	
FSES Sample ID: A	190662		Date Received:	06/17/19	
Client location:			Matrix:	Passive Sampling Device - Personal	
Chemical Name		Molar Concentration (mMol/WB)	Chemical Name		Molar Concentration (mMol/WB)
1-methylnaphthalene		1.69e-007	d-(cis-trans)-Phen	othrin-l	4.85e-006
2,4-di-tert-butylphenol		2.42e-006	Di-n-butyl phthala	te	0.000115
4-isopropylphenol		5.73e-007	Diethyl phthalate		4.32e-005
amyl cinnamal		3.46e-006	Diisobutyl phthala	te	0.000172
anthracene		1.23e-006	Ethofenprox		2.92e-005
b-citronellol		2.37e-006	Ethylene brassyla	te	0.000359
b-Ionone		3.02e-006	Galaxolide		0.000302
Benzyl benzoate		7.54e-005	lilial		4.16e-005
benzyl salicylate		8.76e-005	Linalool		4.15e-006
Bis(2-ethylhexyl)phthalate		6.15e-006	N,N-Diethyl-m-tolu	uamide	1.78e-005
Butyl benzyl phthalate		9.92e-005	Permethrin		3.07e-006
Butylated hydroxyanisole		1.88e-006	ТСРР		2.29e-006
butylated hydroxytoluene		4.54e-006	Tilt		8.18e-006
cinnamal		9.84e-007	Tonalide		6.58e-006
Citral A		6.57e-006	Tri-p-tolyl phosphate		1.06e-006
Coumarin		1.09e-005	Tricresylphosphat	e, meta-	1.44e-006





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Client Sample Name: FR	2-EMS-027		Test Method:	MASIV-1500 analyte method	
FSES Sample ID: A1	90663		Date Received:	06/17/19	
Client location:			Matrix:	Passive Sampling Device - Personal	
Chemical Name		Molar Concentration (mMol/WB)	Chemical Name		Molar Concentration (mMol/WB)
1-methylnaphthalene		1.48e-007	d-Limonene		8.07e-006
b-citronellol		5.82e-006	Di-n-butyl phthala	te	0.00014
b-lonone		5.72e-007	Di-n-nonyl phthala	ite	4.78e-005
Benzophenone		3.9e-005	Dicyclohexyl phtha	alate	3.33e-006
Benzothiazole		7.25e-007	Diethyl phthalate		0.000243
Benzyl benzoate		4.05e-005	Diisobutyl phthala	te	0.000111
benzyl salicylate		7.01e-005	Dimethyl phthalate	Э	1.8e-005
Bis(2-ethylhexyl)phthalate		1.74e-005	Ethofenprox		3.19e-005
Butyl benzyl phthalate		3.84e-005	Ethylene brassyla	te	0.000152
Butylated hydroxyanisole		6.07e-006	Galaxolide		0.00017
butylated hydroxytoluene		6.81e-005	lilial		6.85e-006
Caffeine		9.78e-006	Linalool		1.94e-006
cinnamal		7.57e-007	N,N-Diethyl-m-tolu	uamide	7.32e-005
Citral A		1.64e-006	ТСРР		1.13e-005
Coumarin		3.63e-006	Tonalide		3.64e-006
Cypermethrin-2		3.36e-006	Tributyl phosphate	9	4.13e-006





Client Sample Name: FR-EMS-028		Test Method: MASIV-1500 analyte method	
FSES Sample ID: A190664		Date Received: 06/17/19	
Client location:		Matrix: Passive Sampling Device - Personal	
Chemical Name	Molar Concentration (mMol/WB)	Chemical Name	Molar Concentration (mMol/WB)
2,4-di-tert-butylphenol	1.07e-006	butylated hydroxytoluene	1.45e-005
2,6-Di-tert-butylphenol	4.02e-007	Citral A	9.2e-007
a-lonone	2.65e-006	Di-n-butyl phthalate	0.000115
amyl cinnamal	3.71e-005	Di-n-nonyl phthalate	7.17e-006
b-citronellol	1.41e-006	Diethyl phthalate	0.000279
b-lonone	4.73e-006	Diisobutyl phthalate	0.000104
Benzophenone	5.49e-006	Ethylene brassylate	0.000255
Benzyl benzoate	6.6e-005	Galaxolide	0.000182
benzyl salicylate	0.000337	lilial	3.72e-005
Bis(2-ethylhexyl)phthalate	1.18e-005	N,N-Diethyl-m-toluamide	2.88e-006
Butyl benzyl phthalate	5.12e-005	TCPP	3.97e-005
Butylated hydroxyanisole	1.54e-005	Tonalide	1.35e-005





Client Sample Name: FR-EMS-029		Test Method: MASIV-1500 analyte method	
FSES Sample ID: A190665		Date Received: 06/17/19	
Client location:		Matrix: Passive Sampling Device - Personal	
Chemical Name	Molar Concentration (mMol/WB)	Chemical Name	Molar Concentration (mMol/WB)
amyl cinnamal	7.91e-006	Diethyl phthalate	3.46e-005
b-citronellol	2.3e-006	Diisobutyl phthalate	0.000147
b-lonone	1.3e-005	Dimethyl phthalate	3.3e-006
Benzophenone	3.4e-006	Ethofenprox	1.62e-006
Benzyl benzoate	7.07e-005	Ethylene brassylate	0.000137
benzyl salicylate	0.000131	Galaxolide	0.000194
Bis(2-ethylhexyl)phthalate	7.43e-006	lilial	1.22e-005
Butyl benzyl phthalate	0.000166	lyral	4.75e-006
Butylated hydroxyanisole	5.19e-006	N,N-Diethyl-m-toluamide	0.000575
butylated hydroxytoluene	8.62e-006	Permethrin	1.48e-006
Citral A	4.66e-006	TCPP	3.97e-006
Di-n-butyl phthalate	0.000147	Tonalide	8.9e-006
Di-n-nonyl phthalate	2.63e-006	Tributyl phosphate	2.1e-006





### Table 2: Compound Isomers

Compund	Alternative Isomers
1-methylnaphthalene	2-methylnaphthalene
2,4-Dimethylaniline	2-ethylaniline,2,6-Dimethylaniline,2,5-dimethylaniline,3,5-dimethylaniline,3,4-dimethylaniline,2,3-dimethylaniline
2,4-di-tert-butylphenol	Cashmeran, lilial
2-methylphenanthrene	2-methylanthracene,1-methylphenanthrene
4-isopropylphenol	2-isopropylphenol,2,4,6-trimethylphenol,2-propylphenol,2,3,6-trimethylphenol,2,3,5-trimethylphenol
4-tert-butylphenol	Carvone,2-sec-butylphenol,Thymol,3-tert-butylphenol,Promecarb artifact [5-isopropyl-3-methylphenol],4-butylphenol
a-lonone	b-ionone
anthracene	phenanthrene
Benzyl alcohol	2-Methylphenol,4-Methylphenol,m-Cresol
b-lonone	a-ionone
Carvone	2-sec-butylphenol,Thymol,3-tert-butylphenol,4-tert-butylphenol,Promecarb artifact [5-isopropyl-3-methylphenol]
Cashmeran	2,4-di-tert-butylphenol,lilial
Citral A	Citral B
Citral B	Citral A
Cypermethrin-2	Cypermethrin-1,Cypermethrin-3,Cypermethrin-4
d-(cis-trans)- Phenothrin-I	Phenothrin I,Phenothrin II,d-(cis-trans)-Phenothrin-II
Eugenol	Carbofuran-7-phenol
Farnesol I	farnesol II,farnesol IV
Galaxolide	Traseolide, Tonalide
lilial	Cashmeran,2,4-di-tert-butylphenol
PBDE 47	PBDE 49,PBDE 71,PBDE 66
PBDE 49	PBDE 62,PBDE 75,PBDE 51,PBDE 71,PBDE 47
Permethrin	Permethrin II
Permethrin II	Permethrin
phenanthrene	anthracene
Thymol	Carvone,2-sec-butylphenol,3-tert-butylphenol,4-tert-butylphenol,Promecarb artifact [5-isopropyl-3-methylphenol],4-butylphenol
Tilt	Propiconazole-II
Tonalide	Traseolide, Galaxolide
Tricresylphosphate, meta-	Tricresylphosphate, ortho-,Tri-p-tolyl phosphate
Tri-p-tolyl phosphate	Tricresylphosphate, ortho-,Tricresylphosphate, meta-



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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	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	30002-00-7	Dioxins/Furans,	-	-	-	
1,2,4-Trichlorobenzene	120-82-1	Insecticide, Industrial	-	Oral RfD Assessment: Yes (Last revised: 05- 01-1992). Carcinogenicity Assessment: Yes (Last revised: 06- 01-1989)	-	
1,2,4-Trichlorodibenzo-p-dioxin	39227-58-2	Dioxins/Furans,	-	-	-	
1,2,5,6,9,10- Hexabromocyclododecane	3194-55-6	Flame Retardant	-	-	-	
1,2,6,7-Tetrachlorodibenzo-p-dioxin	41903-57-5	Dioxins/Furans	-	-	-	
1,2,6,8-Tetrachlorodibenzo-p-dioxin	67323-56-2	Dioxins/Furans	-	-	-	
1,2,7,8-Tetrachlorodibenzo-p-dioxin	34816-53-0	Dioxins/Furans	-	-	-	
1,2,8,9-Tetrachlorodibenzo-p-dioxin	116889-69-1	Dioxins/Furans	-	-	-	
1,2-Bis(2,4,6-tribromophenoxy) ethane	37853-59-1	Flame Retardant	-	-	-	
1,2-Dibromo-3-chloropropane	96-12-8	Fungicide, Insecticide	2B(1999)	Inhalation RfC Assessment: Yes (Last revised: 10- 01-1991).	cancer (1-Jul-87) male (27-Feb-87)	
1,2-Dibromo-4-(1,2-dibromoethyl) cyclohexane	3322-93-8	Flame Retardant,	-	-	-	
1,2-Dichlorodibenzo-p-dioxin	54536-18-4	Dioxins/Furans	-	-	-	
1,2-dimethylnaphthalene	573-98-8	PAH	-	-	-	
1,3,5-Tribromobenzene	626-39-1	Flame Retardant, Industrial	-	-	-	
1,3,6,8-Tetrachlorodibenzo-p-dioxin	33423-92-6	Dioxins/Furans	-	-	-	
1,3,6,8-Tetrachlorodibenzofuran	30402-14-3	Dioxins/Furans	-	-	-	
1,3,7,8-Tetrachlorodibenzo-p-dioxin	50585-46-1	Dioxins/Furans,	-	-	-	
1,3,7,9-Tetrachlorodibenzo-p-dioxin	116889-70-4	Dioxins/Furans	-	-	-	
1,3-Dichlorobenzene	541-73-1	Insecticide, Industrial,	3(1999)	Carcinogenicity Assessment: Yes (Last revised: 09- 01-1990)	-	
1,3-Dichlorodibenzo-p-dioxin	50585-39-2	Dioxins/Furans	-	-	-	
1,3-Dinitropyrene	75321-20-9	PAH	2B(2013)	-	cancer (2-Nov-12)	
1,4-Anthraquinone	635-12-1	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	РАН	-	-	-	
1,8-Dinitropyrene	42397-65-9	РАН	2B(2013)	-	cancer (1-Oct-90)	
1-Chlorodibenzo-p-dioxin	39227-53-7	Dioxins/Furans	-	-	-	
1-Hydroxynaphthalene	90-15-3	PAH, Industrial,	-	-	-	
1-methylnaphthalene	90-12-0	PAH, Industrial	-	-	-	
1-methylphenanthrene	832-69-9	PAH	3(2010)	-	-	





Compound	CAS # Classification		Risk			
			WHO IARC *	EPA IRIS**	Cal/EPA***	
1-methylpyrene	2381-21-7	PAH,	-	-	-	
1-Naphthylamine	134-32-7	Industrial	3(1987)	-	cancer (1-Oct-89)	
1-Nitronaphthalene	86-57-7	PAH, Industrial	3(1989)	-	-	
1-Nitropyrene	5522-43-0	PAH	2A(2014)	-	cancer (1-Oct-90)	
17a-Ethynylestradiol	57-63-6	Pharmacological	-	-	cancer (1-Jan-88)	
2'-Hydroxy-2,4,4'-tribromodiphenyl ether	N/A	Flame Retardant, PBDE	-	-	-	
2'-Hydroxy-4-monobromodiphenyl ether	N/A	Flame Retardant, PBDE	-	-	-	
2'-Methoxy-2,4,4'-tribromodiphenyl ether	N/A	Flame Retardant, PBDE	-	-	-	
2,3,4,5-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		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		Risk			
<u>'</u>			WHO IARC *	EPA IRIS**	Cal/EPA***	
2,4'-DDT	789-02-6	Insecticide,	-	-	developmental, female, male (15- May-98)	
2,4'-Dichlorobenzophenone (2,4'-Dicofol decomposition product)	85-29-0	General Pesticide	-	-	-	
2,4,5-T methyl ester	1928-37-6	Herbicide,	-	-	-	
2,4,5-Tribromoanisole	N/A	Industrial	-	-	-	
2,4,5-Trichloro-p-terphenyl	999008-03-6	Flame Retardant, Industrial	-	-	-	
2,4,5-Trichloroaniline	636-30-6	General Pesticide,	-	-	-	
2,4,5-Trichlorophenol	95-95-4	Fungicide, Herbicide, Industrial, Pulp/Paper,	-	Oral RfD Assessment: Yes (Last revised: 01- 31-1987), Inhalation RfC Assessment: Message (Last revised: 07-01- 1991),	-	
2,4,5-Trichlorophenyl-4-nitrophenyl ether	22532-68-9	Industrial, Halo Ethers	-	-	-	
2,4,5-Trimethylaniline	137-17-7	Industrial,	3(1987)	-	-	
2,4,6-Tribromoanisole	607-99-8	Industrial	-	-	-	
2,4,6-Tribromophenol	118-79-6	Flame Retardant,	-	-	-	
2,4,6-Tribromophenyl allyl ether	3278-89-5	Flame Retardant	-	-	-	
2,4,6-trichloroaniline	634-93-5	General Pesticide, Industrial,	-	-	-	
2,4,6-Trichloroanisole	87-40-1	General Pesticide	-	-	-	
2,4,6-Trichlorophenol	88-06-2	Fungicide, Herbicide, Industrial, Pulp/Paper,	2	Inhalation RfC Assessment: Message (Last revised: 07-01- 1991). Carcinogenicity Assessment: Yes (Last revised: 06- 01-1990)	cancer (1-Jan-88)	
2,4,6-triiodophenol	609-23-4	Industrial,	-	-	-	
2,4,6-trimethylphenol	527-60-6	Industrial,	-	-	-	
2,4,8-Trichlorodibenzofuran	54589-71-8	Dioxins/Furans	-	-	-	
2,4-bis(alpha,alpha-dimethylbenzyl) phenol	2772-45-4	Industrial,	-	-	-	
2,4-D methyl ester	1928-38-7	General Pesticide	-	-	-	
2,4-D sec-butyl ester	94-79-1	Herbicide	-	-	-	
2,4-DB methyl ester	18625-12-2	General Pesticide	-	-	-	
2,4-di-tert-amylphenol	120-95-6	Industrial,	-	-	-	
2,4-di-tert-butylphenol	96-76-4	Industrial,	-	-	-	
2,4-Dibromoanisole	21702-84-1	Industrial	-	-	-	
2,4-Dibromophenol	615-58-7	Flame Retardant,	-	-	-	
2,4-Dibromophenyl-4-nitrophenyl ether	2671-93-4	Industrial, Halo Ethers	-	-	-	
2,4-dichloro-3,5-dimethylphenol	133-53-9	Industrial,	-	-	-	
2,4-dichloroaniline	554-00-7	Industrial,	-	-	-	
2,4-Dichlorophenol	120-83-2	Fungicide, Herbicide, Industrial, Pulp/Paper,	-	Oral RfD Assessment: Yes (Last revised: 01- 31-1987).	-	
2,4-Dichlorophenyl benzenesulfonate	97-16-5	General Pesticide	-	-	-	
2,4-Dimethylaniline	95-68-1	Industrial,	3(1987)	-	-	





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





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Compound		Olassification				
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2-Bromoanisole	578-57-4	Industrial	-	-	-	
2-bromophenol	95-56-7	Industrial,	-	-	-	
2-chloro-4,6-dinitroaniline	3531-19-9	Industrial,	-	-	-	
2-chloro-4-nitroaniline	121-87-9	Industrial,	-	-	-	
2-chloroaniline	95-51-2	Industrial,	-	-	-	
2-Chlorodibenzo-p-dioxin	39227-54-8	Dioxins/Furans	-	-	-	
2-chlorodibenzofuran	51230-49-0	Dioxins/Furans,	-	-	-	
2-Chlorophenol	95-57-8	General Pesticide, Industrial,	-	Oral RfD Assessment: Yes (Last revised: 08- 22-1988),	-	
2-Chlorophenyl-4-nitrophenyl ether	2303-23-3	Industrial, Halo Ethers	-	-	-	
2-Chlorosyringaldehyde	76341-69-0	Industrial, Pulp/Paper	-	-	-	
2-ethoxyphenol	94-71-3	Industrial,	-	-	-	
2-Ethyl-1,3-hexanediol	94-96-2	Insecticide	-	-	-	
2-ethyl-6-methylaniline	24549-06-2	Industrial,	-	-	-	
2-ethylaniline	578-54-1	Industrial,	-	-	-	
2-ethylnaphthalene	939-27-5	PAH	-	-	-	
2-ethylphenol	90-00-6	Industrial,	-	-	-	
2-Hydroxyestradiol	362-05-0	Pharmacological	-	-	-	
2-isopropylaniline	643-28-7	Industrial,	-	-	-	
2-isopropylphenol	88-69-7	Industrial,	-	-	-	
2-Mercaptobenzothiazole	149-30-4	Industrial,	2	-	-	
2-methoxy-4-methylphenol	93-51-6	Natural,	-	-	-	
2-methyl-9,10-anthraquinone	84-54-8	OPAH	_	_	-	
2-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- 01-1990)	-	
2-Naphthylamine	91-59-8	PAH, Industrial	1(2012)	-	cancer (27- Feb-87)	
2-nitro-p-cresol	119-33-5	Industrial,	-	-	-	
2-Nitroaniline	88-74-4	Industrial,	-	-	-	
2-Nitroanthracene	3586-69-4	PAH	-	-	-	





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





Compound	CAS # Classification	Risk			
			WHO IARC *	EPA IRIS**	Cal/EPA***
3-Nitrobenzanthrone	17117-34-9	PAH	2B(2014)	-	-
3-Nitrobiphenyl	2113-58-8	Industrial	-	-	-
3-Nitrodibenzofuran	5410-97-9	Dioxins/Furans	-	-	-
3-Nitrofluoranthene	892-21-7	PAH	3(1987)	_	_
3-Nitrophenanthrene	17024-19-0	PAH	-	_	_
3-nitrophenol	554-84-7	Industrial,	_	<u>-</u>	_
3-tert-butylphenol	585-34-2	Industrial.	_	_	_
3-Trifluormethylaniline	98-16-8	Herbicide, Industrial,	_	_	_
4,4'-DDD	72-54-8	Insecticide,		Carcinogenicity	cancer (1-Jan-89)
4,4-000	72-04-0	maedicide,		Assessment: Yes (Last revised: 08- 22-1988)	cancer (1-Jan-09)
4,4'-DDE	72-55-9	Insecticide,	-	Carcinogenicity Assessment: Yes (Last revised: 08- 22-1988)	developmental, male (30-Mar-10) cancer (1-Jan-89)
4,4'-DDT	50-29-3	Insecticide,	2	Oral RfD Assessment: Yes (Last revised: 03- 31-1987). Carcinogenicity Assessment: Yes (Last revised: 08- 22-1988)	cancer (1-Oct-87) developmental, female, male (15- May-98)
4,4'-Dichlorobenzophenone	90-98-2	General Pesticide	-	-	-
4,4'-Methylenedianiline	101-77-9	Industrial,	2B(1987)	-	cancer (1-Jan-88)
4,4'-Oxydianiline	101-80-4	Industrial,	2B(1987)	-	cancer (1-Jan-88)
4,5-Dichloroguaiacol	2460-49-3	Industrial, Pulp/Paper	-	-	-
4,6-Dichloroguaiacol	16766-31-7	Industrial, Pulp/Paper	-	-	-
4,6-Dinitro-o-cresol (DNOC)	534-52-1	Fungicide, Herbicide, Insecticide, Industrial,	-	-	-
4-(2-benzothiazolyldithio)morpholine	95-32-9	Industrial	-	-	-
4-alpha-cumylphenol	599-64-4	Industrial,	-	-	-
4-amino-2,6-dichlorophenol	5930-28-9	Industrial,	-	-	-
4-Aminobiphenyl	92-67-1	Industrial	1(2012)	-	cancer (27- Feb-87)
4-aminophenol	123-30-8	Industrial,	-	-	-
4-benzylphenol	101-53-1	Industrial,	-	-	-
4-Bromoaniline	106-40-1	Herbicide, Industrial,	-	-	-
4-Bromoanisole	104-92-7	Industrial	-	-	-
4-Bromophenol	106-41-2	Flame Retardant,	-	-	-
4-Bromostyrene	2039-82-9	Flame Retardant	-	-	-
4-butylphenol	1638-22-8	Industrial,	-	-	-
4-Chloro-2-methylaniline	95-69-2	General Pesticide, Industrial,	2A(2010)	-	cancer (1-Jan-90)
4-chloro-2-methylphenol	1570-64-5	Industrial,	-	-	-
4-chloro-2-nitroaniline	89-63-4	Industrial,	-	-	-
4-chloro-3,5-dimethylphenol	88-04-0	Industrial,	_	-	-
4-Chloro-3-methylphenol	59-50-7	Fungicide, Industrial,	-	-	-
4-Chloroaniline	106-47-8	Herbicide, Industrial,	2B(1993)	Oral RfD Assessment: Yes (Last revised: 08- 22-1988).	cancer (1-Oct-94)
4-Chlorocatechol	2138-22-9	Industrial, Pulp/Paper	-	-	-
4-Chlorodibenzofuran	74992-96-4	Dioxins/Furans,	-	-	-
4-Chloroguaiacol	16766-30-6	Industrial, Pulp/Paper	-	-	-
4-Chlorophenol	106-48-9	Industrial, Pulp/Paper,	-	-	-





Compound	CAS # Classification	Risk			
			WHO IARC *	EPA IRIS**	Cal/EPA***
4-Chlorophenyl isocyanate	104-12-1	Herbicide, Industrial	-	-	-
4-Chlorophenyl phenyl ether	7005-72-3	Industrial, Halo Ethers	-	-	-
4-Chlorophenyl-4-nitrophenyl ether	1836-74-4	Industrial, Halo Ethers	-	-	-
4-ethoxyphenol	622-62-8	Industrial,	-	-	-
4-ethylphenol	123-07-9	Personal Care, Industrial,	-	-	-
4-hydroxy-3-chlorobiphenyl	92-04-6	Industrial,	-	-	-
4-hydroxybiphenyl	92-69-3	Industrial,	-	-	-
4-Isopropylaniline	99-88-7	Industrial,	-	-	-
4-isopropylphenol	99-89-8	Personal Care, Industrial,	-	-	-
4-methoxyphenol	150-76-5	Pharmacological, Industrial,	-	-	-
4-Methylphenol	106-44-5	Industrial,	-	Oral RfD Assessment: Withdrawn (Last revised: 08-01- 1991). Inhalation RfC Assessment: Message (Last revised: 04-01- 1992). Carcinogenicity Assessment: Yes (Last revised: 09- 01-1990)	-
4-n-octylphenol	1806-26-4	Industrial,	-	-	-
4-Nitroaniline	100-01-6	Industrial,	-	-	-
4-Nitrobiphenyl	92-93-3	Industrial	3(1987)	-	cancer (1-Apr-88)
4-Nitrophenol	100-02-7	Fungicide, Industrial,		Inhalation RfC Assessment: Message (Last revised: 10-01- 1991).	-
4-Nitrophenyl phenyl ether	620-88-2	Industrial, Halo Ethers	-	-	-
4-Nonylphenol	104-40-5	Fungicide, Industrial,	-	-	-
4-tert-butylphenol	98-54-4	Industrial,	-	-	-
4H-cyclopenta[def]phenanthren-4- one	5737-13-3	OPAH, Industrial	-	-	-
5,12-Naphthacene-quinone	1090-13-7	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)
7,12-dimethylbenz[a]anthracene	57-97-6	РАН,	-	-	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	-	-	-





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Compound	CAS#	Classification		Risk	
			WHO IARC *	EPA IRIS**	Cal/EPA***
9-Nitroanthracene	602-60-8	PAH	3(1987)	-	-
9-Nitrophenanthrene	954-46-1	PAH	-	-	-
a-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	-	-	-
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	-	-	-
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	-	-	-





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Compound	CAS#	Classification		Risk	
			WHO IARC *	EPA IRIS**	Cal/EPA***
Aniline	62-53-3	Industrial,	3(1987)	Inhalation RfC Assessment: Yes (Last revised: 11- 01-1990), Carcinogenicity Assessment: Yes (Last revised: 09- 07-1988)	cancer (1-Jan-90)
Anilofos	64249-01-0	Herbicide,	-	-	-
Anisyl alcohol	105-13-5	Personal Care, Natural	-	-	-
anthanthrene	191-26-4	PAH	3(2010)	-	-
anthracene	120-12-7	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	-	-	-
b-Estradiol	50-28-2	Pharmacological	-	-	cancer (1-Jan-88)
b-Ionone	79-77-6	Personal Care, Natural	-	-	-
Barban	101-27-9	Herbicide	-	-	-
Beflubutamid	113614-08-7	Herbicide	-	-	-
Benalaxyl	71626-11-4	Fungicide	-	-	-
Benazolin-ethyl	25059-80-7	Herbicide	-	-	-
Bendiocarb	22781-23-3	Insecticide,	-	-	-
Benfluralin	1861-40-1	Herbicide	-	-	-
Benfuracarb	82560-54-1	Insecticide	-	-	-
Benfuresate	68505-69-1	Herbicide	-	-	-
Benodanil	15310-01-7	Fungicide	-	-	-





Compound	CAS#	Classification	Risk			
			WHO IARC *	EPA IRIS**	Cal/EPA***	
Benoxacor	98730-04-2	Herbicide	-	-	-	
Bentazone	25057-89-0	Herbicide,	-	Oral RfD Assessment: Yes (Last revised: 03- 02-1998), Inhalation RfC Assessment: Message (Last revised: 03-02- 1998), Carcinogenicity Assessment: Yes	-	
				(Last revised: 03- 02-1998)		
Bentazone methyl derivative	61592-45-8	Herbicide	-	-	-	
Benthiocarb	28249-77-6	Herbicide,	-	Oral RfD Assessment: Yes (Last revised: 09- 30-1987),	-	
Benz(a)anthracene-7,12-dione	2498-66-0	OPAH	-	-	-	
benz[a]anthracene	56-55-3	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)	-	-	
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  benzo[b]fluorene benzo[c]fluorene benzo[c]fluorene benzo[c]fluorene benzo[g]pyrene Benzo[ghi]perylene  benzo[j]fluoranthene benzo[k]fluoranthene  Benzophenone Benzothiazole benzotriazole Benzoximate metabolite Benzoylprop ethyl Benzyl alcohol  Benzyl benzoate Benzyl salicylate beta-BHC  Bifenazate metabolite (5-Phenyl-o-anisidine) Bifenox	205-99-2  243-17-4 197-70-6 205-12-9 192-97-2 191-24-2  205-82-3 207-08-9  119-61-9 95-16-9 95-14-7 55440-55-6 22212-55-1 100-51-6	PAH,  PAH,  PAH  PAH  PAH  PAH  PAH  PAH	WHO IARC *  2B(2010)  3(2010)  -  3(2010)  3(2010)  3(2010)  2B(2010)  2B(2010)  2B(2013)  -  -  -	Risk  EPA IRIS**  Carcinogenicity Assessment: Yes (Last revised: 03- 01-1994)  Carcinogenicity Assessment: Yes (Last revised: 12- 01-1990)  - Carcinogenicity Assessment: Yes (Last revised: 03- 01-1994)	cancer (1-Jul-87)  cancer (1-Jul-87)  cancer (1-Jul-87)  cancer (1-Jul-87)  cancer (22-Jun-12)  -
benzo[b]fluorene benzo[c]fluorene benzo[c]fluorene benzo[e]pyrene Benzo[ghi]perylene  benzo[j]fluoranthene benzo[k]fluoranthene  Benzophenone Benzothiazole benzotriazole Benzoximate metabolite Benzoylprop ethyl Benzyl alcohol  Benzyl benzoate Benzyl cinnamate benzyl salicylate beta-BHC  BHC epsilon isomer  Bifenazate metabolite (5-Phenyl-o-anisidine) Bifenox	243-17-4 197-70-6 205-12-9 192-97-2 191-24-2 205-82-3 207-08-9 119-61-9 95-16-9 95-14-7 55440-55-6 22212-55-1 100-51-6	PAH, PAH PAH, PAH, PAH, PAH, PAH, PAH,  Personal Care, Industrial, Industrial Industrial Industrial General Pesticide Herbicide Pharmacological, Personal Care, Industrial,	2B(2010)  3(2010)  - 3(2010)  3(2010)  3(2010)  2B(2010)  2B(2010)	Carcinogenicity Assessment: Yes (Last revised: 03- 01-1994)  Carcinogenicity Assessment: Yes (Last revised: 12- 01-1990)  - Carcinogenicity Assessment: Yes (Last revised: 03-	cancer (1-Jul-87)  cancer (1-Jul-87)  cancer (1-Jul-87)
benzo[b]fluorene benzo[c]fluorene benzo[c]fluorene benzo[e]pyrene Benzo[ghi]perylene  benzo[j]fluoranthene benzo[k]fluoranthene  Benzophenone Benzothiazole benzotriazole Benzoximate metabolite Benzoyl prop ethyl Benzyl alcohol  Benzyl salicylate beta-BHC  BHC epsilon isomer  Bifenazate metabolite (5-Phenyl-o-anisidine) Bifenox	243-17-4 197-70-6 205-12-9 192-97-2 191-24-2 205-82-3 207-08-9 119-61-9 95-16-9 95-14-7 55440-55-6 22212-55-1 100-51-6	PAH, PAH PAH, PAH, PAH, PAH, PAH, PAH,  Personal Care, Industrial, Industrial Industrial Industrial General Pesticide Herbicide Pharmacological, Personal Care, Industrial,	3(2010) - 3(2010) 3(2010) 3(2010) 2B(2010) 2B(2010)	Assessment: Yes (Last revised: 03- 01-1994)  Carcinogenicity Assessment: Yes (Last revised: 12- 01-1990) - Carcinogenicity Assessment: Yes (Last revised: 03-	- - - - cancer (1-Jul-87)
benzo[b]perylene benzo[c]fluorene benzo[e]pyrene Benzo[ghi]perylene  benzo[j]fluoranthene benzo[k]fluoranthene  Benzophenone Benzothiazole benzotriazole Benzoximate metabolite Benzoylprop ethyl Benzyl alcohol  Benzyl benzoate Benzyl cinnamate benzyl salicylate beta-BHC  BHC epsilon isomer  Bifenazate metabolite (5-Phenyl-o-anisidine) Bifenox	197-70-6 205-12-9 192-97-2 191-24-2 205-82-3 207-08-9 119-61-9 95-16-9 95-14-7 55440-55-6 22212-55-1 100-51-6	PAH PAH, PAH, PAH, PAH, PAH, PAH, PAH,  Personal Care, Industrial, Industrial Industrial General Pesticide Herbicide Pharmacological, Personal Care, Industrial,	- 3(2010) 3(2010) 3(2010) 2B(2010) 2B(2010)	Assessment: Yes (Last revised: 12- 01-1990) - Carcinogenicity Assessment: Yes (Last revised: 03-	cancer (1-Jul-87)
benzo[c]fluorene benzo[e]pyrene Benzo[ghi]perylene  benzo[j]fluoranthene benzo[k]fluoranthene  Benzophenone Benzothiazole benzotriazole Benzoximate metabolite Benzoylprop ethyl Benzyl alcohol Benzyl benzoate Benzyl salicylate beta-BHC  BHC epsilon isomer  Bifenazate metabolite (5-Phenyl-o-anisidine) Bifenox	205-12-9 192-97-2 191-24-2 205-82-3 207-08-9 119-61-9 95-16-9 95-14-7 55440-55-6 22212-55-1 100-51-6	PAH PAH, PAH, PAH, PAH, PAH, Pah, Personal Care, Industrial, Industrial Industrial Industrial General Pesticide Herbicide Pharmacological, Personal Care, Industrial,	3(2010) 3(2010) 2B(2010) 2B(2010)	Assessment: Yes (Last revised: 12- 01-1990) - Carcinogenicity Assessment: Yes (Last revised: 03-	cancer (1-Jul-87)
benzo[e]pyrene Benzo[ghi]perylene  benzo[j]fluoranthene benzo[k]fluoranthene  Benzophenone Benzothiazole benzotriazole Benzoximate metabolite Benzoylprop ethyl Benzyl alcohol  Benzyl benzoate Benzyl cinnamate benzyl salicylate beta-BHC  BHC epsilon isomer  Bifenazate metabolite (5-Phenyl-o-anisidine) Bifenox	192-97-2 191-24-2 205-82-3 207-08-9 119-61-9 95-16-9 95-14-7 55440-55-6 22212-55-1 100-51-6	PAH, PAH  PAH, PAH,  Personal Care, Industrial, Industrial Industrial Industrial General Pesticide Herbicide Pharmacological, Personal Care, Industrial,	3(2010) 3(2010) 2B(2010) 2B(2010)	Assessment: Yes (Last revised: 12- 01-1990) - Carcinogenicity Assessment: Yes (Last revised: 03-	cancer (1-Jul-87)
Benzo[ghi]perylene  benzo[j]fluoranthene  benzo[k]fluoranthene  Benzophenone  Benzothiazole  benzotriazole  Benzoximate metabolite  Benzoylprop ethyl  Benzyl alcohol  Benzyl benzoate  Benzyl cinnamate  benzyl salicylate  beta-BHC  BHC epsilon isomer  Bifenazate metabolite (5-Phenyl-o-anisidine)  Bifenox	191-24-2 205-82-3 207-08-9 119-61-9 95-16-9 95-14-7 55440-55-6 22212-55-1 100-51-6	PAH  PAH,  PAH,  Personal Care, Industrial,  Industrial  Industrial  General Pesticide  Herbicide  Pharmacological, Personal Care, Industrial,	3(2010) 2B(2010) 2B(2010)	Assessment: Yes (Last revised: 12- 01-1990) - Carcinogenicity Assessment: Yes (Last revised: 03-	cancer (1-Jul-87)
benzo[j]fluoranthene benzo[k]fluoranthene  Benzophenone Benzothiazole benzotriazole Benzoximate metabolite Benzoylprop ethyl Benzyl alcohol Benzyl salicohol Benzyl salicylate beta-BHC  BHC epsilon isomer  Bifenazate metabolite (5-Phenyl-o-anisidine) Bifenox	205-82-3 207-08-9 119-61-9 95-16-9 95-14-7 55440-55-6 22212-55-1 100-51-6	PAH, PAH, Personal Care, Industrial, Industrial Industrial General Pesticide Herbicide Pharmacological, Personal Care, Industrial,	2B(2010) 2B(2010)	Assessment: Yes (Last revised: 12- 01-1990) - Carcinogenicity Assessment: Yes (Last revised: 03-	cancer (1-Jul-87)
benzo[k]fluoranthene  Benzophenone Benzothiazole benzotriazole Benzoximate metabolite Benzoylprop ethyl Benzyl alcohol  Benzyl benzoate Benzyl cinnamate benzyl salicylate beta-BHC  BHC epsilon isomer  Bifenazate metabolite (5-Phenyl-o-anisidine) Bifenox	207-08-9 119-61-9 95-16-9 95-14-7 55440-55-6 22212-55-1 100-51-6	PAH,  Personal Care, Industrial, Industrial Industrial General Pesticide Herbicide Pharmacological, Personal Care, Industrial,	2B(2010)	Assessment: Yes (Last revised: 03-	cancer (1-Jul-87)
Benzophenone Benzothiazole benzotriazole Benzoximate metabolite Benzoylprop ethyl Benzyl alcohol Benzyl benzoate Benzyl cinnamate benzyl salicylate beta-BHC  BHC epsilon isomer  Bifenazate metabolite (5-Phenyl-o-anisidine) Bifenox	119-61-9 95-16-9 95-14-7 55440-55-6 22212-55-1 100-51-6	Personal Care, Industrial, Industrial Industrial General Pesticide Herbicide Pharmacological, Personal Care, Industrial,		Assessment: Yes (Last revised: 03-	
Benzothiazole benzotriazole Benzoximate metabolite Benzoylprop ethyl Benzyl alcohol Benzyl benzoate Benzyl cinnamate benzyl salicylate beta-BHC  BHC epsilon isomer  Bifenazate metabolite (5-Phenyl-o-anisidine) Bifenox	95-16-9 95-14-7 55440-55-6 22212-55-1 100-51-6	Industrial Industrial General Pesticide Herbicide Pharmacological, Personal Care, Industrial,	2B(2013)	-	cancer (22-Jun-12)
benzotriazole  Benzoximate metabolite  Benzoylprop ethyl  Benzyl alcohol  Benzyl benzoate  Benzyl cinnamate  benzyl salicylate  beta-BHC  BHC epsilon isomer  Bifenazate metabolite (5-Phenyl-o-anisidine )  Bifenox	95-14-7 55440-55-6 22212-55-1 100-51-6	Industrial General Pesticide Herbicide Pharmacological, Personal Care, Industrial,	-	-  -  -	-
Benzoximate metabolite  Benzoylprop ethyl  Benzyl alcohol  Benzyl benzoate  Benzyl cinnamate  benzyl salicylate  beta-BHC  BHC epsilon isomer  Bifenazate metabolite (5-Phenyl-o-anisidine)  Bifenox	55440-55-6 22212-55-1 100-51-6	General Pesticide Herbicide Pharmacological, Personal Care, Industrial,	-	-	-
Benzoylprop ethyl Benzyl alcohol  Benzyl benzoate Benzyl cinnamate benzyl salicylate beta-BHC  BHC epsilon isomer  Bifenazate metabolite (5-Phenyl-o-anisidine) Bifenox	22212-55-1 100-51-6	Herbicide  Pharmacological, Personal Care, Industrial,	-	-	
Benzyl alcohol  Benzyl benzoate  Benzyl cinnamate  benzyl salicylate  beta-BHC  BHC epsilon isomer  Bifenazate metabolite (5-Phenyl-o-anisidine)  Bifenox	100-51-6	Pharmacological, Personal Care, Industrial,	-		-
Benzyl benzoate Benzyl cinnamate benzyl salicylate beta-BHC  BHC epsilon isomer  Bifenazate metabolite (5-Phenyl-o-anisidine) Bifenox		Pharmacological, Personal Care, Industrial,		-	-
Benzyl cinnamate benzyl salicylate beta-BHC  BHC epsilon isomer  Bifenazate metabolite (5-Phenyl-o-anisidine) Bifenox	120-51-4	Ivatural		-	-
benzyl salicylate beta-BHC  BHC epsilon isomer  Bifenazate metabolite (5-Phenyl-o-anisidine )  Bifenox		Insecticide	-	-	-
beta-BHC  BHC epsilon isomer  Bifenazate metabolite (5-Phenyl-o-anisidine )  Bifenox	103-41-3	Personal Care, Natural	-	-	-
BHC epsilon isomer  Bifenazate metabolite (5-Phenyl-o-anisidine) Bifenox	118-58-1	Personal Care, Natural,	-	-	-
Bifenazate metabolite (5-Phenyl-o- anisidine ) Bifenox	319-85-7	Insecticide,	-	Carcinogenicity Assessment: Yes (Last revised: 09- 30-1987)	-
anisidine ) Bifenox	6108-10-7	Insecticide	-	Carcinogenicity Assessment: Yes (Last revised: 03- 31-1987)	-
	39811-17-1	General Pesticide	-	-	-
	42576-02-3	Herbicide,	-	-	-
Bifenthrin	82657-04-3	Insecticide,	-	Oral RfD Assessment: Yes (Last revised: 08- 22-1988),	-
Binapacryl	485-31-4	Fungicide	-	-	-
Bioallethrin	584-79-2	Insecticide	-	-	-
Bioallethrin S-cyclopentenyl isomer	28434-00-6	Insecticide	-	-	-
Bioresmethrin	28434-01-7	Insecticide	-	-	-
Biphenyl	92-52-4	Fungicide, Industrial,	-	Oral RfD Assessment: Yes (Last revised: 08- 27-2013). Inhalation RfC Assessment: Discussion (Last revised: 08-27- 2013). Carcinogenicity Assessment: Yes (Last revised: 08- 27-2013)	-
Bis(2,3,3,3-tetrachloropropyl) ether		Insecticide	-	-	-





Compound	CAS#	Classification		Risk			
			WHO IARC *	EPA IRIS**	Cal/EPA***		
Bis(2-butoxyethyl) phthalate	117-83-9	Industrial	-	-	-		
Bis(2-ethylhexyl)phthalate	117-81-7	Insecticide, Industrial,	2B(2013)	Oral RfD Assessment: Yes (Last revised: 01- 31-1987). Carcinogenicity Assessment: Yes (Last revised: 09- 07-1988)	cancer (1-Jan-88) developmental, male (24-Oct-03)		
Bisphenol A	80-05-7	Industrial,	-	Oral RfD Assessment: Yes (Last revised: 09- 26-1988),	female (11- May-15)		
bisphenol B	77-40-7	Industrial,	-	-	-		
bisphenol E	2081-08-5	Industrial,	-	-	-		
bisphenol Z	843-55-0	Industrial,	-	-	-		
bisphenol AF	1478-61-1	Industrial,	-	-	-		
Bitertanol I	55179-31-2	Fungicide,	-	-	-		
Bitertanol II	999027-03-1	Fungicide	-	-	-		
Boscalid (Nicobifen)	188425-85-6	Fungicide,	-	-	-		
Bromacil	314-40-9	Herbicide,	-	-	-		
Bromfenvinphos-(E)	58580-14-6	Insecticide	-	-	-		
Bromfenvinphos-(Z)	58580-13-5	Insecticide	-	-	-		
Bromobutide	74712-19-9	Herbicide	-	-	-		
Bromocyclen	1715-40-8	Insecticide	-	-	-		
Bromophos	2104-96-3	Insecticide,	-	-	-		
Bromophos-ethyl	4824-78-6	Insecticide,	-	-	-		
Bromopropylate	18181-80-1	General Pesticide,	-	-	-		
Bromoxynil	1689-84-5	Herbicide,	-	-	developmental (1- Oct-90)		
Bromoxynil octanoic acid ester	1689-99-2	Herbicide	-	-	developmental (18-May-99)		
Bromuconazole I	116255-48-2	Fungicide	-	-	-		
Bromuconazole II	999010-03-6	Fungicide	-	-	-		
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	-	-	-		
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)		
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Compound	CAS#	Classification		Risk	
			WHO IARC *	EPA IRIS**	Cal/EPA***
Cadusafos	95465-99-9	Insecticide	-	-	-
Cafenstrole	125306-83-4	Herbicide	-	-	-
Caffeine	58-08-2	Pharmacological,	3(1991)	-	-
Captafol	2425-06-1	Fungicide	2A(1991)	Oral RfD Assessment: Yes (Last revised: 09- 30-1987).	cancer (1-Oct-88)
Captan	133-06-2	Fungicide,	3(1987)	Oral RfD Assessment: Yes (Last revised: 03- 01-1989).	cancer (1-Jan-90)
Carbaryl	63-25-2	Insecticide, PAH,	3(1987)	Oral RfD Assessment: Yes (Last revised: 01- 31-1987), Inhalation RfC Assessment: Message (Last revised: 11-01- 1991),	cancer (5-Feb-10) developmental, female, male (7- Aug-09)
Carbazole	86-74-8	Industrial	2B(2013)	-	cancer (1-May-96)
Carbetamide	16118-49-3	Herbicide	-	-	-
Carbofuran	1563-66-2	Insecticide,	-	Oral RfD Assessment: Yes (Last revised: 09- 30-1987).	-
Carbofuran-3-keto	16709-30-1	General Pesticide	-	-	-
Carbofuran-7-phenol	1563-38-8	Pesticide Product,	-	-	-
Carbophenothion	786-19-6	Insecticide	-	-	-
Carbosulfan	55285-14-8	Insecticide	-	Oral RfD Assessment: Yes (Last revised: 01- 31-1987),	-
Carboxin	5234-68-4	Fungicide	-	Oral RfD Assessment: Yes (Last revised: 01-31-1987).	-
Carfentrazone-ethyl	128639-02-1	Herbicide	-	-	-
Carpropamid	104030-54-8	Fungicide	-	-	-
Carvone	99-49-0	Fungicide, Personal Care	-	-	-
Cashmeran	33704-61-9	Personal Care,	-	-	-
Cekafix	121227-99-4	Fungicide, Insecticide	-	-	-
Celestolide	13171-00-1	Personal Care,	-	-	-
Chinomethionat	2439-01-2	Fungicide	-	-	cancer (20- Aug-99) developmental (6- Nov-98)
Chloramben methyl ester	7286-84-2	Herbicide	-	-	-
Chloranocryl	2164-09-2	Herbicide	-	-	-
Chlorbenside	103-17-3	General Pesticide	-	-	-
Chlorbenside sulfone	7082-99-7	General Pesticide	-	-	-
Chlorbicyclen	2550-75-6	Insecticide	-	-	-
Chlorbromuron	13360-45-7	Herbicide	-	-	-
Chlorbufam	1967-16-4	Herbicide	-	-	-
Chlordene, trans-	3734-48-3	Insecticide, Industrial	-	-	-
Chlordimeform	6164-98-3	Insecticide,	3(1987)	-	cancer (1-Jan-89)
Chlorethoxyfos	54593-83-8	Insecticide	-	-	-
Chlorfenapyr	122453-73-0	Insecticide	-	-	-





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





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





Compound	CAS#	AS # Classification		Risk			
<u>'</u>			WHO IARC *	EPA IRIS**	Cal/EPA***		
delta-BHC	319-86-8	Insecticide,	-	Carcinogenicity	-		
				Assessment: Yes (Last revised: 03- 31-1987)			
Deltamethrin	52918-63-5	Insecticide,	3(1991)	-	-		
Demephion	8065-62-1	General Pesticide	-	-	-		
Demeton-s	126-75-0	Insecticide	-	-	-		
Demeton-S-methyl	919-86-8	Insecticide	_	-	_		
Demeton-S-methylsulfon	17040-19-6	Insecticide	-	-	-		
Desbromo-bromobutide	999055-03-7	Herbicide	_	-	_		
Desmedipham	13684-56-5	Herbicide	_	_	_		
Desmetryn	1014-69-3	Herbicide			_		
Di-n-butyl phthalate	84-74-2	Insecticide, Personal Care, Industrial,		Oral RfD	developmental,		
				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,	1	1	female, male (2- Dec-05)		
Di-n-nonyl phthalate	84-76-4	Industrial,	-	-	-		
Di-n-octyl phthalate	117-84-0	Industrial,	-	-	-		
Di-n-propyl phthalate	131-16-8	Pharmacological, Industrial,	-	-	-		
Dialifos	10311-84-9	Insecticide	-	-	-		
Diallate I	2303-16-4	Herbicide	3(1987)	-	-		
Diallate II	17708-57-5	Herbicide	-	-	-		
Diamyl phthalate	131-18-0	Industrial,	-	-	-		
Diazinon	333-41-5	Insecticide, Pharmacological,	2	-	-		
Diazinon-oxon	962-58-3	General Pesticide	-	-	-		
Dibenzo-p-dioxin	262-12-4	Dioxins/Furans	3(1997)	-	-		
dibenzo[a,e]fluoranthene	5385-75-1	PAH,	3(2010)	-	-		
dibenzo[a,e]pyrene	192-65-4	PAH,	3(2010)	-	cancer (1-Jan-88)		
dibenzo[a,h]anthracene	53-70-3	PAH,	2A(2010)	Carcinogenicity Assessment: Yes (Last revised: 12- 01-1990)	cancer (1-Jan-88)		
dibenzo[a,h]pyrene	189-64-0	PAH,	2B(2010)	-	cancer (1-Jan-88)		
dibenzo[a,i]pyrene	189-55-9	PAH,	2B(2010)	-	cancer (1-Jan-88)		
dibenzo[a,l]pyrene	191-30-0	PAH,	2A(2010)	-	cancer (1-Jan-88)		
dibenzo[e,l]pyrene	192-51-8	PAH	3(2010)	-	-		
Dibenzofuran	132-64-9	Dioxins/Furans		Carcinogenicity Assessment: Yes (Last revised: 10- 01-1990)			
dibenzothiophene	132-65-0	PAH, Pharmacological, Personal Care, Industrial,	3(2013)	-	-		
Dicamba	1918-00-9	Herbicide,	-	Oral RfD Assessment: Yes (Last revised: 08- 22-1988),	-		
Dicamba methyl ester	6597-78-0	Pharmacological	_	<u></u>	_		
Dicamba memyi ester	0.091-10-0	i namacological		<u> </u>	-		





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Compound	CAS#	Classification		Risk	
			WHO IARC *	EPA IRIS**	Cal/EPA***
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) (EXD)	502-55-6	Herbicide	-	-	-
Diethyl phthalate	84-66-2	Insecticide, Industrial,		Oral RfD	-
	04 00 2			Assessment: Yes (Last revised: 09- 30-1987), Carcinogenicity Assessment: Yes (Last revised: 09- 07-1988)	
Diethylene glycol			-	Assessment: Yes (Last revised: 09- 30-1987). Carcinogenicity Assessment: Yes (Last revised: 09-	-
Diethylene glycol Diethylstilbestrol	111-46-6 56-53-1	Industrial, Pharmacological	- 1(2012)	Assessment: Yes (Last revised: 09- 30-1987). Carcinogenicity Assessment: Yes (Last revised: 09-	- cancer (27- Feb-87) developmental (1- Jul-87)
	111-46-6	Industrial,	- 1(2012)	Assessment: Yes (Last revised: 09- 30-1987). Carcinogenicity Assessment: Yes (Last revised: 09-	Feb-87) developmental (1-
Diethylstilbestrol	111-46-6 56-53-1	Industrial, Pharmacological	- 1(2012) - -	Assessment: Yes (Last revised: 09- 30-1987). Carcinogenicity Assessment: Yes (Last revised: 09-	Feb-87) developmental (1-





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





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





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





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





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





Compound	CAS#	Classification	Risk			
			WHO IARC *	EPA IRIS**	Cal/EPA***	
Furmecyclox	60568-05-0	Fungicide	-	Carcinogenicity Assessment: Yes (Last revised: 09- 07-1988)	cancer (1-Jan-90)	
Galaxolide	1222-05-5	Personal Care, Industrial,	-	-	-	
gamma-Chlordane	5103-74-2	Insecticide,	-	-	-	
Geraniol	106-24-1	Personal Care, Natural	-	-	-	
guaiacol	90-05-1	Industrial, Natural,	-	-	-	
Halfenprox	111872-58-3	Insecticide	-	-	-	
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)	
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	-	-	-	





Compound	CAS#	AS # Classification		Risk			
			WHO IARC *	EPA IRIS**	Cal/EPA***		
Imazamethabenz-methyl II	999019-03-3	Herbicide	-		-		
Imibenconazole	86598-92-7	Fungicide	_	_	_		
Imibenconazole-desbenzyl	199338-48-2	Pesticide Product	_	-	_		
Imidan	732-11-6	Insecticide	_	Oral RfD	_		
iiiidaii	732-11-0	Insecticide		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).	-		
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	-	-	-		





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





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





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





Compound	CAS#	Classification		Risk			
			WHO IARC *	EPA IRIS**	Cal/EPA***		
naphthalene	91-20-3	РАН,	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	РАН	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)	-		
o-Phenylphenol	90-43-7	Fungicide, Insecticide, Industrial,	3(1999)	-	cancer (4-Aug-00)		
o-Toluidine	95-53-4	Industrial,	1(2012)	-	cancer (1-Jan-88)		
Octachlorostyrene	29082-74-4	Industrial,	-	-	-		
Octamethyl pyrophosphoramide	152-16-9	Insecticide	-	-	-		
Ofurace	58810-48-3	Fungicide	-	-	-		
Omethoate	1113-02-6	Insecticide	-	-	-		
Orbencarb	34622-58-7	Herbicide	-	-	-		
ortho-Aminoazotoluene	97-56-3	Industrial	2B(1987)	-	cancer (1-Jul-87)		
Oryzalin	19044-88-3	Herbicide,	-	-	cancer (12- Sep-08)		
Oxabetrinil	74782-23-3	Herbicide	-	-	-		
Oxadiazon	19666-30-9	Herbicide,	-	Oral RfD Assessment: Yes (Last revised: 09- 30-1987),	cancer (1-Jul-91) developmental (15-May-98)		





Compound	CAS#	Classification		Risk	
			WHO IARC *	EPA IRIS**	Cal/EPA***
Oxadixyl	77732-09-3	Fungicide	-	-	-
Oxamyl	23135-22-0	Insecticide,	-	Oral RfD Assessment: Yes (Last revised: 03- 31-1987).	-
Oxycarboxin	5259-88-1	Fungicide	-	-	-
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).	-
PBB 1	2052-07-5	Flame Retardant, PBB	2A(2016)	-	cancer (1-Jan-88) developmental (1- Oct-94)
PBB 10	59080-32-9	Flame Retardant, PBB	2A(2016)	-	cancer (1-Jan-88) developmental (1- Oct-94)
PBB 15	92-86-4	Flame Retardant, PBB	2A(2016)	-	cancer (1-Jan-88) developmental (1- Oct-94)
PBB 18	59080-34-1	Flame Retardant, PBB	2A(2016)	-	cancer (1-Jan-88) developmental (1- Oct-94)
PBB 2	2113-57-7	Flame Retardant, PBB	2A(2016)	-	cancer (1-Jan-88) developmental (1- Oct-94)
PBB 26	59080-35-2	Flame Retardant, PBB	2A(2016)	-	cancer (1-Jan-88) developmental (1- Oct-94)





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





PBB-189 66 PBB-189 86	60044-26-0 67733-52-2 88700-06-5 19264-60-7	Classification  Flame Retardant, PBB,  Flame Retardant, PBB  Flame Retardant, PBB	WHO IARC * 2A(2016) 2A(2016) 2A(2016)	Risk  EPA IRIS**  -	cancer (1-Jan-88) developmental (1-Oct-94) cancer (1-Jan-88) developmental (1-Oct-94) cancer (1-Jan-88)
PBB-180 6 PBB-189 8	87733-52-2 88700-06-5 19264-60-7	Flame Retardant, PBB Flame Retardant, PBB	2A(2016) 2A(2016)	EPA IRIS**  -  -	cancer (1-Jan-88) developmental (1- Oct-94) cancer (1-Jan-88) developmental (1- Oct-94)
PBB-180 6 PBB-189 8	87733-52-2 88700-06-5 19264-60-7	Flame Retardant, PBB Flame Retardant, PBB	2A(2016)	-	developmental (1-Oct-94) cancer (1-Jan-88) developmental (1-Oct-94)
PBB-189 8i	19264-60-7	Flame Retardant, PBB		-	developmental (1- Oct-94)
	19264-60-7	·	2A(2016)	-	cancer (1-Jan-88)
PBB-200 1		Flame Retardant, PBB			developmental (1- Oct-94)
			2A(2016)	-	cancer (1-Jan-88) developmental (1- Oct-94)
PBDE 1 70	025-06-1	Flame Retardant, PBDE	-	-	-
PBDE 10 5	1930-04-2	Flame Retardant, PBDE	-	-	-
PBDE 100 18	89084-64-8	Flame Retardant, PBDE,	-	-	-
PBDE 103 4-	46254-67-7	Flame Retardant, PBDE	-	-	-
PBDE 108 4-	46254-71-3	Flame Retardant, PBDE	-	-	-
PBDE 11 6	903-63-5	Flame Retardant, PBDE	-	-	-
PBDE 115 4-	46254-78-0	Flame Retardant, PBDE	-	-	-
PBDE 116 18	89084-65-9	Flame Retardant, PBDE	-	-	-
PBDE 118 4	46254-80-4	Flame Retardant, PBDE	-	-	-
PBDE 119 18	89084-66-0	Flame Retardant, PBDE,	-	-	-
		Flame Retardant, PBDE	-	-	-
	46254-86-0	Flame Retardant, PBDE	-	-	-
		Flame Retardant, PBDE	_	-	_
	33694-71-7	Flame Retardant, PBDE	_	_	_
	82677-30-1	Flame Retardant, PBDE	_	_	_
	46254-98-4	Flame Retardant, PBDE	_		_
		Flame Retardant, PBDE	-	-	-
	2050-47-7	Flame Retardant, PBDE	-	Carainaganiaity	-
PDDE 15 21	2050-47-7	riame Retardam, PDDE	-	Carcinogenicity Assessment: Yes (Last revised: 08- 01-1990)	-
PBDE 153 6	8631-49-2	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 20	207122-15-4	Flame Retardant, PBDE	-	-	-
	35854-94-5	Flame Retardant, PBDE,	-	-	-
PBDE 160 4-	46255-11-4	Flame Retardant, PBDE	-	-	-
PBDE 166 18	89084-58-0	Flame Retardant, PBDE,	-	-	-
PBDE 17 14	47217-75-2	Flame Retardant, PBDE	-	-	-
PBDE 185 4	05237-86-7	Flame Retardant, PBDE	-	-	-
PBDE 19	47217-73-0	Flame Retardant, PBDE,	-	-	-
PBDE 2 6	876-00-2	Flame Retardant, PBDE	-	-	-
PBDE 201 4-	46255-50-1	Flame Retardant, PBDE	-	-	-
	37513-67-4	Flame Retardant, PBDE	-	-	-
	47217-77-4	Flame Retardant, PBDE	-	-	-





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





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





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





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





Compound	CAS#	Classification		Risk		
			WHO IARC *	EPA IRIS**	Cal/EPA***	
PCB 119	56558-17-9	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1- Jan-91)	
PCB 12	2974-92-7	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1- Jan-91)	
PCB 120	68194-12-7	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1- Jan-91)	
PCB 121	56558-18-0	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 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	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 125	74472-39-2	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1- Jan-91)		
PCB 126	57465-28-8	PCB,	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1- Jan-91)		
PCB 127	39635-33-1	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1- Jan-91)		
PCB 128	38380-07-3	PCB,	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1- Jan-91)		
PCB 129	55215-18-4	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994), Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1- Jan-91)		
PCB 13	2974-90-5	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994) Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1- Jan-91)		
PCB 130	52663-66-8	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 131	61798-70-7	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01- 1994). Carcinogenicity Assessment: Yes (Last revised: 10- 01-1996)	cancer (1-Oct-89) developmental (1- Jan-91)		
PCB 132	38380-05-1	PCB,	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01- 1994). Carcinogenicity Assessment: Yes (Last revised: 10- 01-1996)	cancer (1-Oct-89) developmental (1- Jan-91)		
PCB 133	35694-04-3	PCB,	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01- 1994). Carcinogenicity Assessment: Yes (Last revised: 10- 01-1996)	cancer (1-Oct-89) developmental (1- Jan-91)		
PCB 134	52704-70-8	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994), Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1- Jan-91)		
PCB 135	52744-13-5	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01- 1994), Carcinogenicity Assessment: Yes (Last revised: 10- 01-1996)	cancer (1-Oct-89) developmental (1- Jan-91)		
PCB 136	38411-22-2	PCB,	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01- 1994). Carcinogenicity Assessment: Yes (Last revised: 10- 01-1996)	cancer (1-Oct-89) developmental (1- Jan-91)		
PCB 137	35694-06-5	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01- 1994). Carcinogenicity Assessment: Yes (Last revised: 10- 01-1996)	cancer (1-Oct-89) developmental (1- Jan-91)		





Compound	CAS#	Classification		Risk			
			WHO IARC *	EPA IRIS**	Cal/EPA***		
PCB 138	35065-28-2	PCB,	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1- Jan-91)		
PCB 139	56030-56-9	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1- Jan-91)		
PCB 14	34883-41-5	PCB,	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1- Jan-91)		
PCB 140	59291-64-4	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1- Jan-91)		
PCB 141	52712-04-6	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994), Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1- Jan-91)		
PCB 142	41411-61-4	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01- 1994). Carcinogenicity Assessment: Yes (Last revised: 10- 01-1996)	cancer (1-Oct-89) developmental (1- Jan-91)		
PCB 143	68194-15-0	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 144	68194-14-9	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01- 1994). Carcinogenicity Assessment: Yes (Last revised: 10- 01-1996)	cancer (1-Oct-89) developmental (1- Jan-91)		
PCB 145	74472-40-5	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1- Jan-91)		
PCB 146	51908-16-8	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01- 1994) Carcinogenicity Assessment: Yes (Last revised: 10- 01-1996)	cancer (1-Oct-89) developmental (1- Jan-91)		
PCB 147	68194-13-8	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1- Jan-91)		
PCB 148	74472-41-6	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01- 1994), Carcinogenicity Assessment: Yes (Last revised: 10- 01-1996)	cancer (1-Oct-89) developmental (1- Jan-91)		
PCB 149	38380-04-0	PCB,	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01- 1994). Carcinogenicity Assessment: Yes (Last revised: 10- 01-1996)	cancer (1-Oct-89) developmental (1- Jan-91)		
PCB 15	2050-68-2	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01- 1994). Carcinogenicity Assessment: Yes (Last revised: 10- 01-1996)	cancer (1-Oct-89) developmental (1- Jan-91)		





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





Compound	CAS#	Classification		Risk		
			WHO IARC *	EPA IRIS**	Cal/EPA***	
PCB 157	69782-90-7	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1- Jan-91)	
PCB 158	74472-42-7	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1- Jan-91)	
PCB 159	39635-35-3	PCB,	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1- Jan-91)	
PCB 16	38444-78-9	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1- Jan-91)	
PCB 160	41411-62-5	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994), Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1- Jan-91)	
PCB 161	74472-43-8	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01- 1994). Carcinogenicity Assessment: Yes (Last revised: 10- 01-1996)	cancer (1-Oct-89) developmental (1- Jan-91)	
PCB 162	39635-34-2	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 163	74472-44-9	PCB,	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1- Jan-91)		
PCB 164	74472-45-0	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1- Jan-91)		
PCB 165	74472-46-1	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1- Jan-91)		
PCB 166	41411-63-6	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01- 1994). Carcinogenicity Assessment: Yes (Last revised: 10- 01-1996)	cancer (1-Oct-89) developmental (1- Jan-91)		
PCB 167	52663-72-6	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994), Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1- Jan-91)		
PCB 168	59291-65-5	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01- 1994). Carcinogenicity Assessment: Yes (Last revised: 10- 01-1996)	cancer (1-Oct-89) developmental (1- Jan-91)		
PCB 169	32774-16-6	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 17	37680-66-3	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1- Jan-91)		
PCB 170	35065-30-6	PCB,	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1- Jan-91)		
PCB 171	52663-71-5	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1- Jan-91)		
PCB 172	52663-74-8	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1- Jan-91)		
PCB 173	68194-16-1	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994), Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1- Jan-91)		
PCB 174	38411-25-5	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1- Jan-91)		
PCB 175	40186-70-7	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 176	52663-65-7	PCB,	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1- Jan-91)		
PCB 177	52663-70-4	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1- Jan-91)		
PCB 178	52663-67-9	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1- Jan-91)		
PCB 179	52663-64-6	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1- Jan-91)		
PCB 18	37680-65-2	PCB,	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994), Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1- Jan-91)		
PCB 180	35065-29-3	PCB,	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1- Jan-91)		
PCB 181	74472-47-2	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01- 1994). Carcinogenicity Assessment: Yes (Last revised: 10- 01-1996)	cancer (1-Oct-89) developmental (1- Jan-91)		





Compound	CAS#	Classification		Risk			
			WHO IARC *	EPA IRIS**	Cal/EPA***		
PCB 182	60145-23-5	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1- Jan-91)		
PCB 183	52663-69-1	PCB,	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1- Jan-91)		
PCB 184	74472-48-3	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1- Jan-91)		
PCB 185	52712-05-7	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 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	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	,4sp.Jen.
			WHO IARC *	EPA IRIS**	Cal/EPA***
PCB 189	39635-31-9	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01- 1994). Carcinogenicity Assessment: Yes (Last revised: 10- 01-1996)	cancer (1-Oct-89) developmental (1- Jan-91)
PCB 19	38444-73-4	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01- 1994), Carcinogenicity Assessment: Yes (Last revised: 10- 01-1996)	cancer (1-Oct-89) developmental (1- Jan-91)
PCB 190	41411-64-7	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01- 1994). Carcinogenicity Assessment: Yes (Last revised: 10- 01-1996)	cancer (1-Oct-89) developmental (1- Jan-91)
PCB 191	74472-50-7	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1- Jan-91)
PCB 192	74472-51-8	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01- 1994), Carcinogenicity Assessment: Yes (Last revised: 10- 01-1996)	cancer (1-Oct-89) developmental (1- Jan-91)
PCB 193	69782-91-8	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01- 1994). Carcinogenicity Assessment: Yes (Last revised: 10- 01-1996)	cancer (1-Oct-89) developmental (1- Jan-91)
PCB 194	35694-08-7	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01- 1994). Carcinogenicity Assessment: Yes (Last revised: 10- 01-1996)	cancer (1-Oct-89) developmental (1- Jan-91)





Compound	CAS#	Classification		Risk			
			WHO IARC *	EPA IRIS**	Cal/EPA***		
PCB 195	52663-78-2	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1- Jan-91)		
PCB 196	42740-50-1	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1- Jan-91)		
PCB 197	33091-17-7	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1- Jan-91)		
PCB 198	68194-17-2	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1- Jan-91)		
PCB 199	52663-75-9	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994), Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1- Jan-91)		
PCB 2	2051-61-8	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01- 1994). Carcinogenicity Assessment: Yes (Last revised: 10- 01-1996)	cancer (1-Oct-89) developmental (1- Jan-91)		
PCB 20	38444-84-7	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 200	52663-73-7	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1- Jan-91)	
PCB 201	40186-71-8	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1- Jan-91)	
PCB 202	2136-99-4	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1- Jan-91)	
PCB 203	52663-76-0	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1- Jan-91)	
PCB 204	74472-52-9	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994), Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1- Jan-91)	
PCB 205	74472-53-0	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994) Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1- Jan-91)	
PCB 206	40186-72-9	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 207	52663-79-3	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1- Jan-91)	
PCB 208	52663-77-1	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1- Jan-91)	
PCB 21	55702-46-0	PCB,	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1- Jan-91)	
PCB 22	38444-85-8	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1- Jan-91)	
PCB 23	55720-44-0	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994), Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1- Jan-91)	
PCB 24	55702-45-9	PCB,	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1- Jan-91)	
PCB 25	55712-37-3	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 26	38444-81-4	PCB,	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1- Jan-91)	
PCB 27	38444-76-7	PCB,	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1- Jan-91)	
PCB 28	7012-37-5	PCB,	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1- Jan-91)	
PCB 29	15862-07-4	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1- Jan-91)	
PCB 3	2051-62-9	PCB,	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994), Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1- Jan-91)	
PCB 30	35693-92-6	PCB,	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994) Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1- Jan-91)	
PCB 31	16606-02-3	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	,4sp.Jen.
			WHO IARC *	EPA IRIS**	Cal/EPA***
PCB 32	38444-77-8	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01- 1994). Carcinogenicity Assessment: Yes (Last revised: 10- 01-1996)	cancer (1-Oct-89) developmental (1- Jan-91)
PCB 33	38444-86-9	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01- 1994), Carcinogenicity Assessment: Yes (Last revised: 10- 01-1996)	cancer (1-Oct-89) developmental (1- Jan-91)
PCB 34	37680-68-5	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01- 1994). Carcinogenicity Assessment: Yes (Last revised: 10- 01-1996)	cancer (1-Oct-89) developmental (1- Jan-91)
PCB 35	37680-69-6	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1- Jan-91)
PCB 36	38444-87-0	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01- 1994), Carcinogenicity Assessment: Yes (Last revised: 10- 01-1996)	cancer (1-Oct-89) developmental (1- Jan-91)
PCB 37	38444-90-5	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01- 1994). Carcinogenicity Assessment: Yes (Last revised: 10- 01-1996)	cancer (1-Oct-89) developmental (1- Jan-91)
PCB 38	53555-66-1	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01- 1994). Carcinogenicity Assessment: Yes (Last revised: 10- 01-1996)	cancer (1-Oct-89) developmental (1- Jan-91)





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





Compound	CAS#	Classification		Risk			
			WHO IARC *	EPA IRIS**	Cal/EPA***		
PCB 45	70362-45-7	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1- Jan-91)		
PCB 46	41464-47-5	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1- Jan-91)		
PCB 47	2437-79-8	PCB,	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1- Jan-91)		
PCB 48	70362-47-9	PCB,	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1- Jan-91)		
PCB 49	41464-40-8	PCB,	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994), Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1- Jan-91)		
PCB 5	16605-91-7	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994) Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1- Jan-91)		
PCB 50	62796-65-0	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 51	68194-04-7	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1- Jan-91)		
PCB 52	35693-99-3	PCB,	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1- Jan-91)		
PCB 53	41464-41-9	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1- Jan-91)		
PCB 54	15968-05-5	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1- Jan-91)		
PCB 55	74338-24-2	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994), Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1- Jan-91)		
PCB 56	41464-43-1	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01- 1994) Carcinogenicity Assessment: Yes (Last revised: 10- 01-1996)	cancer (1-Oct-89) developmental (1- Jan-91)		
PCB 57	70424-67-8	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 58	41464-49-7	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01- 1994). Carcinogenicity Assessment: Yes (Last revised: 10- 01-1996)	cancer (1-Oct-89) developmental (1- Jan-91)		
PCB 59	74472-33-6	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01- 1994). Carcinogenicity Assessment: Yes (Last revised: 10- 01-1996)	cancer (1-Oct-89) developmental (1- Jan-91)		
PCB 6	25569-80-6	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01- 1994). Carcinogenicity Assessment: Yes (Last revised: 10- 01-1996)	cancer (1-Oct-89) developmental (1- Jan-91)		
PCB 60	33025-41-1	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	cancer (1-Oct-89) developmental (1- Jan-91)		
PCB 61	33284-53-6	PCB,	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01- 1994), Carcinogenicity Assessment: Yes (Last revised: 10- 01-1996)	cancer (1-Oct-89) developmental (1- Jan-91)		
PCB 62	54230-22-7	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01- 1994). Carcinogenicity Assessment: Yes (Last revised: 10- 01-1996)	cancer (1-Oct-89) developmental (1- Jan-91)		
PCB 63	74472-34-7	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01- 1994). Carcinogenicity Assessment: Yes (Last revised: 10- 01-1996)	cancer (1-Oct-89) developmental (1- Jan-91)		





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





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





Compound	CAS#	Classification		Risk	,48D1ew
			WHO IARC *	EPA IRIS**	Cal/EPA***
PCB 77	32598-13-3	PCB,	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01- 1994). Carcinogenicity Assessment: Yes (Last revised: 10- 01-1996)	cancer (1-Oct-89) developmental (1- Jan-91)
PCB 78	70362-49-1	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01- 1994). Carcinogenicity Assessment: Yes (Last revised: 10- 01-1996)	cancer (1-Oct-89) developmental (1- Jan-91)
PCB 79	41464-48-6	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01- 1994). Carcinogenicity Assessment: Yes (Last revised: 10- 01-1996)	cancer (1-Oct-89) developmental (1- Jan-91)
PCB 8	34883-43-7	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 80	33284-52-5	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01- 1994), Carcinogenicity Assessment: Yes (Last revised: 10- 01-1996)	cancer (1-Oct-89) developmental (1- Jan-91)
PCB 81	70362-50-4	PCB,	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01- 1994). Carcinogenicity Assessment: Yes (Last revised: 10- 01-1996)	cancer (1-Oct-89) developmental (1- Jan-91)
PCB 82	52663-62-4	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01- 1994). Carcinogenicity Assessment: Yes (Last revised: 10- 01-1996)	cancer (1-Oct-89) developmental (1- Jan-91)





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





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





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





Pulp/Paper,   Assessment, Yes   Last revised, 02   2010.   10   10   10   10   10   10   10	
Pulp/Paper,   Assassment / Vas.   Last rovised: 09: 30:2010.   Pulpilation of the pulpi	A***
Permethrin	(1-Jan-90)
Permethrin II   61949-76-6   Insecticide   -   -   -   -   -   -   -   -   -	
Perthane	
Phantolide	
Phenanthrene	
Phenanthrene-1,4-dione   569-15-3   OPAH   -   -   -   -   -   -   -   -   -	
Phenol         2275-14-1         Insecticide         - <td></td>	
Phenol   Phenol   Pharmacological,   Pharmacological,   Sasessment: Yes (Last revised: 09-30-2002), Inhalation RtC.   Assessment: Post (Last revised: 09-30-2002), Inhalation RtC.   Phenothiazine   Phenothiazine   Phenothiazine   Phenothini   Phenothrini   Phenothrin	
Assessment: Yes (Last revised: 09-30-2002), Inhalation RtC, Assessment: Discussion (Last revised: 09-30-2002), Carcinogenicity, Assessment: Pes (Last revised: 09-30-2002), Carcinogenicity, Assessment: Yes (Last revised: 09-30-2002)    Phenothriazine	
Industrial   Ind	
Phenothrin II         26046-85-5         Insecticide         -         -         -         -           Phenoxyacetic acid         122-59-8         Pesticide Product         -         -         -         -           Phenthoate         2597-03-7         Insecticide,         -         -         -         -           Phorate         298-02-2         Insecticide         -         -         -         -           Phorate sulfone         2588-04-7         Insecticide         -         -         -         -           Phorate sulfoxide         2588-05-8         General Pesticide         -         -         -         -           Phorate-oxon         2600-69-3         General Pesticide         -         -         -         -           Phosalone         2310-17-0         Insecticide,         -         -         -         -	
Phenoxyacetic acid         122-59-8         Pesticide Product         -         -         -         -           Phenthoate         2597-03-7         Insecticide,         -         -         -         -           Phorate         298-02-2         Insecticide         -         -         -         -           Phorate sulfone         2588-04-7         Insecticide         -         -         -         -           Phorate sulfoxide         2588-05-8         General Pesticide         -         -         -         -           Phorate-oxon         2600-69-3         General Pesticide         -         -         -         -           Phosalone         2310-17-0         Insecticide,         -         Oral RfD Assessment: Withdrawn (Last revised: 12-01-1988).         -	
Phenthoate         2597-03-7         Insecticide,         -	
Phorate         298-02-2         Insecticide         - <td></td>	
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).         -	
Phorate-oxon 2600-69-3 General Pesticide Phosalone 2310-17-0 Insecticide, - Oral RfD Assessment: Withdrawn (Last revised: 12-01-1988).	
Phosalone 2310-17-0 Insecticide, - Oral RfD Assessment: Withdrawn (Last revised: 12-01-1988).	
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	





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





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





Compound	CAS#	Classification		Risk			
•			WHO IARC *	EPA IRIS**	Cal/EPA***		
Quinalphos	13593-03-8	Insecticide,	-	Oral RfD	-		
Quinaprio		,		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-			
				<u>27-2001)</u>			
Quinoxyfen	124495-18-7	Fungicide,	-	-	-		
Quintozene metabolite (pentachlorophenyl methyl sulfide)	1825-19-0	Fungicide	-	-	-		
Quizalofop-ethyl	76578-14-8	Herbicide	-	Oral RfD Assessment: Yes	male (24-Dec-99)		
				(Last revised: 09-			
				26-1988). Carcinogenicity			
				Assessment: Yes			
				(Last revised: 06- 01-1991)			
Rabenzazole	40341-04-6	Fungicide	-	-	-		
Resmethrin	10453-86-8	Insecticide,	-	Oral RfD	cancer (1-Jul-08)		
				Assessment: Yes (Last revised: 09-	developmental (6-Nov-98)		
				<u>26-1988).</u>	1407 50)		
Resmethrine II	999025-03-5	Insecticide	-	-	-		
retene	483-65-8	PAH,	-	-	-		
Rotenone	83-79-4	Insecticide	-	Oral RfD Assessment: Yes	-		
				(Last revised: 09-			
				07-1988).	/		
S,S,S-Tributylphosphorotrithioate	78-48-8	Herbicide,	-	-	cancer (25- Feb-11)		
Sebuthylazine	7286-69-3	Herbicide	-	-	-		
Sebuthylazine-desethyl	37019-18-4	General Pesticide	-	-	-		
Secbumeton	26259-45-0	Herbicide	-	-	-		
Silafluofen	105024-66-6	Insecticide	-	-	-		
Silthiopham	175217-20-6	Fungicide	-	-	-		
Simazine	122-34-9	Herbicide,	3(1999)	Oral RfD Assessment: Yes (Last revised: 09- 01-1993).	developmental, female (15-Jul-16)		
Simeconazole	149508-90-7	Fungicide	-	-	-		
Simetryn	1014-70-6	Herbicide	-	-	-		
Spirodiclofen	148477-71-8	Insecticide	-	-	cancer (8-Oct-10)		
Spiromesifen	283594-90-1	Insecticide	-	-	-		
Spiroxamine I	118134-30-8	Fungicide, PAH	-	-	-		
Spiroxamine II	999026-03-8	Fungicide	-	-	-		
		D (111 D 1 1					
Spiroxamine metabolite (4-tert- butylcyclohexanone)	98-53-3	Pesticide Product	-				





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





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





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