

CAS	Chemical	Type of Observation	voc_status	Mutagenic	GIABS	ABS _v	C ₁₀₀ (mg/kg)	RID ₅ (mg/kg-day)	k e	RIC (mg/m ³) ¹	k e	SFO (mg/kg-day) ¹	k e	IUR (mg/m ³) ¹	k e	Resident Soil (mg/kg)	reskey	Industrial Soil (mg/kg)	Indakey	Resident Air (ug/m ³)	resakey	Industrial Air (ug/m ³)	Indakey	Tap Water (ug/L)	restkey	MCL (ug/L)	Risk-based SSL (mg/kg)	slf/riskkey	MCL-based SSL (mg/kg)
126-99-8	Chloro-1,3-butadiene, 2, (Chloroprene)	Spring 2024	V				7.86E+02	2.00E-02	H	2.00E-02	I		3.00E-04	I	1.00E-02	c	4.40E-02	c	9.40E-03	c	4.10E-02	c	1.90E-02	c	9.80E-06	c			
126-99-8	Chloro-1,3-butadiene, 2, (Chloroprene)	Fall 2024	V	X			7.86E+02	2.00E-02	H	2.00E-02	I		3.00E-04	I	3.60E-03	c	4.40E-02	c	3.40E-03	c	4.10E-02	c	6.80E-03	c			3.60E-06	c	
18540-29-9	Chloro-1,3-butadiene, 2, (Chloroprene)	Change Effect		M											X				X				X						
18540-29-9	Chromium(VI)	Spring 2024		M				3.00E-03	I	1.00E-04	I	5.00E-01	C	8.40E-02	G	3.00E-01	c*	6.30E+00	c*	1.20E-05	c	1.50E-04	c	3.50E-02	c			6.70E-04	c
18540-29-9	Chromium(VI)	Fall 2024		M				9.00E-04	I	3.00E-05	I	1.60E-01	I	1.10E-02	I	9.50E-01	c**	2.00E+01	c**	9.20E-05	c*	1.10E-03	c*	1.10E-01	c*			2.10E-03	c*
75-35-4	Dichloroethylene, 1,1-	Spring 2024	V				1.19E+03	5.00E-02	I	2.00E-01	I			X		2.30E+01	n	1.00E+02	n	2.10E+01	n	8.80E+01	n	2.80E+01	n	7.0E+00	1.00E-02	n	2.50E-03
75-35-4	Dichloroethylene, 1,1-	Fall 2024	V				1.19E+03	5.00E-02	I	3.96E-03	A					4.80E+01	n	2.00E+00	n	4.10E+01	n	1.70E+00	n	7.0E+00	n	7.0E+00	2.90E-04	n	2.50E-03
119-90-4	Dimethoxybenzidine, 3,3'-	Spring 2024													X				X				X						
119-90-4	Dimethoxybenzidine, 3,3'-	Fall 2024		M											X				X				X						
119-93-7	Dimethylbenzidine, 3,3'-	Change Effect																											
119-93-7	Dimethylbenzidine, 3,3'-	Spring 2024																											
119-93-7	Dimethylbenzidine, 3,3'-	Fall 2024		M																									
119-93-7	Dimethylbenzidine, 3,3'-	Change Effect		X																									
50-00-0	Formaldehyde	Spring 2024	V				4.24E+04	2.00E-01	I	9.82E-03	A	2.10E-02	C	1.30E-06	I	1.10E+01	c**	5.00E+01	c**	2.20E-01	c**	9.40E-01	c**	3.90E-01	c**	7.80E-05	c**		
50-00-0	Formaldehyde	Fall 2024	V	M			4.24E+04	2.00E-01	I	7.00E-03	I	2.10E-02	C	7.40E-06	I	4.30E+00	c*	7.00E+01	c**	1.40E-01	c**	1.70E+00	c**	2.20E-01	c**	4.50E-05	c**		
58-89-9	Hexachlorocyclohexane, Gamma- (Lindane)	Change Effect		X											X				X				X						
58-89-9	Hexachlorocyclohexane, Gamma- (Lindane)	Spring 2024						3.00E-04	I			1.10E+00	C	3.10E-04	C	5.70E-01	c**	2.50E+00	c*	9.10E-03	c	4.00E-02	c	4.20E-02	c**	2.0E-01	2.40E-04	c**	1.20E-03
58-89-9	Hexachlorocyclohexane, Gamma- (Lindane)	Fall 2024						8.00E-07	A	1.10E+00	C	3.10E-04	C	5.70E-03	n	8.00E-02	n	9.10E-03	c	4.00E-02	c	9.70E-04	n	2.0E-01	5.70E-06	n	1.20E-03		
95-54-5	Phenylenediamine, o-	Change Effect													X				X				X						
95-54-5	Phenylenediamine, o-	Spring 2024						4.00E-03	P			1.20E-01	P			4.50E+00	c**	1.90E+01	c*					6.50E-01	c*	1.70E-04	c*		
95-54-5	Phenylenediamine, o-	Fall 2024		M				4.00E-03	P			1.20E-01	P			1.00E+00	c*	1.90E+01	c*					2.10E-01	c*	5.60E-05	c*		
75-01-4	Vinyl Chloride	Change Effect		X											X				X				X						
75-01-4	Vinyl Chloride	Spring 2024	V	M			3.92E+03	3.00E-03	I	1.00E-01	I	7.20E-01	I	4.40E-06	I	5.90E-02	c	1.70E+00	c*	1.70E-01	c*	2.80E+00	c*	1.90E-02	c	2.0E+00	6.80E-06	c	6.90E-04
75-01-4	Vinyl Chloride	Fall 2024	V	M			3.92E+03	3.00E-03	I	5.11E-02	A	7.20E-01	I	4.40E-06	I	5.90E-02	c*	1.70E+00	c*	1.70E-01	c*	2.80E+00	c**	1.90E-02	c	2.0E+00	6.80E-06	c	6.90E-04
57-12-5	-Cyanide (CN-)	Change Effect																											
57-12-5	-Cyanide (CN-)	Spring 2024	V				9.54E+05	6.00E-04	I	8.00E-04	G					2.30E+00	n	1.50E+01	n	8.30E-02	n	3.50E-01	n	1.50E-01	n	2.0E+02	1.50E-03	n	2.00E+00
57-12-5	-Cyanide (CN-)	Fall 2024	V				9.54E+05	6.00E-04	I	8.00E-04	G					2.40E+00	n	1.60E+01	n	8.30E-02	n	3.50E-01	n	1.50E-01	n	2.0E+02	1.50E-03	n	2.00E+00
7439-92-1	-Lead and Compounds	Change Effect																											
7439-92-1	-Lead and Compounds	Spring 2024																											
7439-92-1	-Lead and Compounds	Fall 2024																											
7439-97-6	-Mercury (elemental)	Change Effect																											
7439-97-6	-Mercury (elemental)	Spring 2024	V				3.13E+00			3.00E-04	I					1.10E+00	n	4.60E+00	ns	3.10E-02	n	1.30E-01	n	6.30E-02	n	2.0E+00	3.30E-03	n	1.00E-01
7439-97-6	-Mercury (elemental)	Fall 2024	V				3.13E+00			3.00E-04	I					7.10E-01	n	3.00E+00	n	3.10E-02	n	1.30E-01	n	6.30E-02	n	2.0E+00	3.30E-03	n	1.00E-01
90-12-0	-Methylnaphthalene, 1-	Change Effect																											
90-12-0	-Methylnaphthalene, 1-	Spring 2024	V				3.94E+02	7.00E-02	A	3.00E-06	P	5.10E-02	X			1.80E-02	n	7.70E-02	n	3.10E-04	n	1.30E-03	n	6.30E-04	n	3.30E-04	n		
90-12-0	-Methylnaphthalene, 1-	Fall 2024	V				3.94E+02	7.00E-02	T	3.00E-06	P	5.10E-02	X			1.80E-02	n	7.70E-02	n	3.10E-04	n	1.30E-03	n	6.30E-04	n	3.30E-04	n		
75-18-3	Dimethyl Sulfoxide	Change Effect																											
75-18-3	Dimethyl Sulfoxide	Spring 2024	V				5.35E+03	2.00E-02	X	2.00E-04	X					6.20E-02	n	2.60E-01	n	2.10E-02	n	8.80E-02	n	4.20E-02	n	1.00E-05	n		
319-86-8	Hexachlorocyclohexane, Delta-	Change Effect																											
99-87-6	Isocorypitoluene, p-	Spring 2024	V				1.62E+02	4.00E-03	X	4.00E-02	X					1.70E+01	n	1.10E+02	n	4.20E+00	n	1.80E+01	n	2.10E+00	n	5.20E-03	n		
7723-14-0	Phosphorus	Fall 2024	V					2.00E-05	I							1.60E-01	n	2.30E+00	n					4.20E-02	n	1.50E-04	n		
3108-42-7	-Ammonium perfluorodecanoate	Change Effect																											
243-17-4	-Benzofluorene, 2,3-	Spring 2024						5.00E-03	X							1.30E-05	n	1.70E-04	n					4.20E-06	n	4.10E-09	n		
122499-17-6	-Perfluor(2-propoxypropanoate)	Fall 2024	V					1.92E+06								3.20E+01	n	4.10E+02	n					1.00E+01	n	1.90E+00	n		
73829-36-4	-Perfluorodecanoate	Change Effect														2.30E-02	n	3.50E-01	n					6.00E-03	n	6.10E-06	n		
73829-36-4	-Perfluorodecanoate	Spring 2024	V					2.00E-09	I							1.30E-05	n	1.60E-04	n					4.00E-06	n	4.00E-09	n		
335-76-2	-Perfluorodecanoic acid (PFDA)	Fall 2024	V					2.00E-09	I							1.30E-05	n	1.60E-04	n					4.00E-06	n	8.10E-09	n		
51604-85-4	-Potassium perfluorodecanoate	Change Effect														1.40E-05	n	1.80E-04	n					4.30E-06	n	4.30E-09	n		
3830-45-3	-Sodium perfluorodecanoate	Fall 2024	V					2.09E-09	I							1.30E-05	n	1.70E-04	n					4.20E-06	n	4.20E-09	n		

TRITON