

CAS	Chemical	Type of Observation	voc_status	Mutagenic	GIABS	ABS ₂	C _{sat} (mg/kg)	RD ₂ (mg/kg-day)	k _e (y)	RC ₁ (mg/m ³)	k _e (y)	SFO (mg/kg-day) ¹	k _e (y)	IUR (mg/m ³ -y)	k _e (y)	Resident Soil (mg/kg)	reskey	Industrial Soil (mg/kg)	indskey	ResidentAir (ug/m ³)	reskey	IndustrialAir (ug/m ³)	indskey	Tap Water (ug/L)	reskey	MCL (ug/L)	Risk-based SSL (mg/kg)	slriskkey	MCL-based SSL (mg/kg)		
107-13-1	Acrylonitrile	Fall 2023	V				1.10E+04	1.00E-03	H	2.00E-03	I	5.40E-01	I	6.80E-05	I	2.50E-01	c*	1.10E+00	c*	4.10E-02	c**	1.80E-01	c**	5.20E-02	c*			1.10E-05	c**		
107-13-1	Acrylonitrile	Spring 2024	V				1.13E+04	9.00E-05	T	2.00E-03	I	5.40E-01	I	6.80E-05	I	2.50E-01	c**	1.10E+00	c**	4.10E-02	c**	1.80E-01	c**	5.20E-02	c**			1.10E-05	c**		
67-66-3	Chloroform	Fall 2023	V				2.50E+03	1.00E-02	I	9.80E-02	A	3.10E-02	C	2.30E-05	I	3.20E-01	c*	1.40E+00	c*	1.20E-01	c*	5.30E-01	c*	2.20E-01	c*		8.0E+01(G)	6.10E-05	c*	2.20E-02	
67-66-3	Chloroform	Spring 2024	V				2.54E+03	1.00E-02	I	1.95E-03	T	3.10E-02	C	2.30E-05	I	3.20E-01	c**	1.40E+00	c**	1.20E-01	c**	5.30E-01	c**	2.20E-01	c**		8.0E+01(G)	6.10E-05	c**	2.20E-02	
119-90-4	Dimethoxybenzidine, 3,3'-	Fall 2023										1.60E+00	P	1.40E-01	C	3.30E-01	c	1.40E+00	c	2.00E-05	c	8.80E-05	c	4.70E-02	c			5.80E-05	c		
119-90-4	Dimethoxybenzidine, 3,3'-	Spring 2024										1.60E+00	P	1.40E-01	C	3.30E-01	c	1.40E+00	c	2.00E-05	c	8.80E-05	c	4.70E-02	c			5.80E-05	c		
319-84-6	Hexachlorocyclohexane, Alpha-	Fall 2023										6.30E+00	I	1.80E-03	I	8.60E-02	c	3.60E-01	c	1.60E-03	c	6.80E-03	c	7.20E-03	c			4.20E-05	c		
319-84-6	Hexachlorocyclohexane, Alpha-	Spring 2024						9.00E-04	A			6.30E+00	I	1.80E-03	I	8.60E-02	c*	3.60E-01	c	1.60E-03	c	6.80E-03	c	7.20E-03	c			4.20E-05	c		
13252-13-6	Hexafluoropropylene oxide dimer acid (HFPO-DA)	Fall 2023	V				1.90E+06	3.00E-06	D							2.30E-02	n	3.50E-01	n					1.50E-03	n			1.50E-06	n		
13252-13-6	Hexafluoropropylene oxide dimer acid (HFPO-DA)	Spring 2024	V				1.92E+06	3.00E-06	D							2.30E-02	n	3.50E-01	n					1.50E-03	n		1.0E-02(G)	1.50E-06	n	1.00E-05	
7439-92-1	Lead and Compounds	Fall 2023														4.00E+02	G	8.00E+02	G	1.50E-01	G			1.50E+01	G			1.5E+01			1.40E+01
7439-92-1	Lead and Compounds	Spring 2024														2.00E+02	G	8.00E+02	G	1.50E-01	G			1.50E+01	G			1.5E+01			1.40E+01
90-12-0	Methylnaphthalene, 1-	Fall 2023	V				3.90E+02	7.00E-02	A			2.90E-02	P			1.80E+01	c*	7.30E+01	c*					1.10E+00	c*			6.00E-03	c*		
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-06	n		
7440-02-0	Nickel Soluble Salts	Fall 2023						2.00E-02	I	1.40E-05	C					2.60E-04	C	1.40E+02	n	1.80E+03	n	1.50E-03	n	3.90E+01	n			2.60E+00	n		
7440-02-0	Nickel Soluble Salts	Spring 2024						2.00E-02	I	1.40E-05	T					2.60E-04	C	1.40E+02	n	1.70E+03	n	1.00E-03	n	3.90E+01	n			2.60E+00	n		
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	Fall 2023						2.00E-05	A							1.30E-01	n	1.60E+00	n					3.90E-02	n			1.70E-05	n		
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	Spring 2024						2.00E-05	A							1.30E-01	n	1.60E+00	n					3.90E-02	n		1.0E-02(G)	1.70E-05	n	4.20E-06	
375-95-1	Perfluorononanoic acid (PFNA)	Fall 2023						3.00E-06	A							1.90E-02	n	2.50E-01	n					5.90E-03	n			2.50E-05	n		
375-95-1	Perfluorononanoic acid (PFNA)	Spring 2024						3.00E-06	A							1.90E-02	n	2.50E-01	n					5.90E-03	n		1.0E-02(G)	2.50E-05	n	4.20E-05	
45298-90-6	Perfluorooctanesulfonate	Fall 2023						2.00E-06	A							1.30E-02	n	1.60E-01	n					4.00E-03	n		X	3.10E-05	n	X	
45298-90-6	Perfluorooctanesulfonate	Spring 2024						1.00E-07	D			3.95E+01	D			6.30E-04	n	8.20E-03	n					2.00E-04	n			1.50E-06	n		
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	Fall 2023						2.00E-06	A							1.30E-02	n	1.60E-01	n					4.00E-03	n			3.10E-05	n		
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	Spring 2024						1.00E-07	D			3.95E+01	D			6.30E-04	n	8.20E-03	n					2.00E-04	n		4.0E-03	1.50E-06	n	3.00E-05	
45285-51-6	Perfluorooctanoate	Fall 2023						3.00E-06	A							1.90E-02	n	2.50E-01	n					6.00E-03	n			9.10E-05	n		
45285-51-6	Perfluorooctanoate	Spring 2024						3.00E-08	D			2.93E+04	D			1.90E-05	c*	7.80E-05	c*					2.70E-06	c*			4.00E-08	c*		
335-67-1	Perfluorooctanoic acid (PFOA)	Fall 2023						3.00E-06	A							7.00E-02	D	1.90E-02	n	2.50E-01	n			6.00E-03	n			9.10E-05	n		
335-67-1	Perfluorooctanoic acid (PFOA)	Spring 2024						3.00E-08	D			2.93E+04	D			1.90E-05	c*	7.80E-05	c*					2.70E-06	c*		4.0E-03	4.00E-08	c*	6.10E-05	
2795-39-3	Potassium perfluorooctanesulfonate	Fall 2023						2.00E-06	A							1.30E-02	n	1.60E-01	n					4.00E-03	n			3.10E-05	n		
2795-39-3	Potassium perfluorooctanesulfonate	Spring 2024						1.00E-07	D			3.95E+01	D			6.30E-04	n	8.20E-03	n					2.00E-04	n			1.50E-06	n		
3825-26-1	Ammonium perfluorooctanoate	Spring 2024	V				1.82E+02	3.00E-08	D			2.93E+04	D			1.90E-05	c*	7.80E-05	c*					2.70E-06	c*			4.00E-08	c*		
7439-92-1	Lead and Compounds (with other sources of lead present, see Guidance)	Spring 2024										4.00E-03	C			5.10E+00	n	2.20E+01	n			4.20E-01	n	8.30E-01	n			1.20E-03	n		

