

Detailed Data on Substances Subject to the PRTR Report

Substances Covered by PRTR (Amount Handled, Amount Released, etc.)

FY2007 PRTR Data (in descending order according to the amount handled (0.1 t or more))

Unit: t/year

Substance number specified by the law	Substance name	CAS number	Amount handled	Release					Amount released	Transfer		Amount transferred	Amount consumed	Amount removed and treated	Amount recycled
				to atmosphere	to public water systems	to soil	On-site landfill	as waste		to sewage					
283	Hydrogen fluoride and its water-soluble salts	Group	4020.03	3.94	62.07	0.00	0.00	66.01	33.14	26.54	59.67	383.42	3510.92	0.01	
63	Xylene	1330-20-7	979.39	128.05	0.00	0.00	0.00	128.05	45.92	0.01	45.93	735.02	7.86	62.53	
16	2-Aminoethanol	141-43-5	831.36	2.06	1.27	0.00	0.00	3.33	366.18	0.00	366.18	2.31	167.86	291.68	
311	Manganese and its compounds	Metal compounds	793.06	0.00	0.15	0.00	0.00	0.15	0.79	0.00	0.79	791.69	0.00	0.43	
43	Ethylene glycol	107-21-1	255.93	0.02	0.02	0.00	0.00	0.03	13.31	0.00	13.31	242.00	0.58	0.01	
25	Antimony and its compounds	Metal compounds	225.60	0.00	0.00	0.00	0.00	0.00	38.79	0.00	38.79	183.69	0.00	3.12	
231	Nickel	7440-02-0	210.43	0.00	0.00	0.00	0.00	0.00	0.10	0.00	0.10	210.04	0.00	0.28	
346	Molybdenum and its compounds	Metal compounds	169.75	0.00	0.10	0.00	0.00	0.10	0.77	0.02	0.80	144.46	1.26	23.14	
304	Boron and its compounds	Metal compounds	148.77	0.37	0.14	0.00	0.00	0.52	24.92	0.03	24.95	117.62	1.13	4.55	
227	Toluene	108-88-3	136.27	83.73	0.00	0.00	0.00	83.73	29.98	0.00	29.98	12.64	9.76	0.15	
243	Barium and its water-soluble compounds	Metal compounds	121.74	0.00	0.00	0.00	0.00	0.00	14.81	0.00	14.81	102.27	0.00	4.66	
338	Methyl-1,3-phenylene diisocyanate	26471-62-5	107.36	0.00	0.00	0.00	0.00	0.00	0.07	0.00	0.07	107.30	0.00	0.00	
30	Polymer of 4,4'-isopropylidenediphenol and 1-chloro-2,3-epoxypropane (liquid)	25068-38-6	100.65	0.40	0.00	0.00	0.00	0.40	13.95	0.00	13.95	86.16	0.12	0.03	
132	1,1'-Dichloro-1-fluoroethane	1717-00-6	94.43	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	94.42	0.00	0.00	
217	Trichlorofluoromethane	75-69-4	67.40	0.00	0.00	0.00	0.00	0.00	67.40	0.00	67.40	0.00	0.00	0.00	
230	Lead and its compounds	Metal compounds	64.39	0.01	0.00	0.00	0.00	0.01	3.71	0.00	3.71	56.03	0.00	4.64	
85	Chlorodifluoromethane	75-45-6	60.20	0.63	0.00	0.00	0.00	0.63	59.02	0.00	59.02	0.55	0.01	0.00	
177	Styrene	100-42-5	57.91	5.06	0.00	0.00	0.00	5.06	0.13	0.00	0.13	33.32	19.40	0.00	
260	Pyrocatechol	120-80-9	49.13	0.00	0.00	0.00	0.00	0.00	42.88	0.00	42.88	0.00	6.25	0.00	
40	Ethylbenzen	100-41-4	46.10	30.52	0.00	0.00	0.00	30.52	9.22	0.00	9.22	3.63	2.73	0.00	
1	Zinc compounds (water-soluble)	Metal compounds	45.09	0.00	0.12	0.00	0.00	0.12	4.62	0.08	4.70	35.51	3.02	1.74	
29	4,4'-Isopropylidenediphenol; Bisphenol A	80-05-7	41.11	0.04	0.00	0.00	0.00	0.04	7.82	0.00	7.82	33.25	0.00	0.00	
202	Tetrahydromethylphthalic anhydride	11070-44-3	37.37	1.68	0.00	0.00	0.00	1.68	4.17	0.00	4.17	31.51	0.00	0.00	
68	Chromium and chromium () compounds	Metal compounds	22.95	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.03	22.81	0.02	0.08	
305	Phosgene	75-44-5	21.32	1.88	0.00	0.00	0.00	1.88	0.00	0.00	0.00	0.00	19.44	0.00	
44	Ethylene glycol monoethyl ether	110-80-5	21.27	2.22	0.00	0.00	0.00	2.22	0.02	0.00	0.02	19.03	0.00	0.00	
320	Methyl methacrylate	80-62-6	15.32	4.36	0.00	0.00	0.00	4.36	5.26	0.00	5.26	5.69	0.00	0.00	
100	Cobalt and its compounds	Metal compounds	14.48	0.00	0.00	0.00	0.00	0.00	0.06	0.00	0.06	11.53	0.00	2.89	
64	Silver and its water-soluble compounds	Metal compounds	14.38	0.03	0.00	0.00	0.00	0.03	1.36	0.01	1.37	12.18	0.00	0.79	
121	Ethylene glycol	75-71-8	14.00	0.00	0.00	0.00	0.00	0.00	14.00	0.00	14.00	0.00	0.00	0.00	
207	Copper salts (water-soluble, except complex salts)	Metal compounds	10.83	0.00	0.00	0.00	0.00	0.00	4.91	0.00	4.91	5.91	0.00	0.00	
312	Phthalic anhydride	85-44-9	10.47	0.00	0.00	0.00	0.00	0.00	0.30	0.00	0.30	10.16	0.01	0.00	
252	Arsenic and its inorganic compounds	Metal compounds	8.04	0.00	0.00	0.00	0.00	0.00	1.98	0.00	1.98	6.07	0.00	0.00	
224	1,3,5-trimethylbenzene	108-67-8	6.90	2.05	0.00	0.00	0.00	2.05	4.19	0.00	4.19	0.04	0.61	0.00	
232	Nickel compounds	Metal compounds	6.77	0.00	0.08	0.00	0.00	0.08	0.33	0.00	0.33	5.06	0.46	0.83	
24	n-Alkylbenzenesulfonic acid and its salts (alkyl C=10-14)	Group	5.68	0.00	0.00	0.00	0.00	0.00	5.14	0.00	5.14	0.54	0.00	0.00	
307	Poly(oxyethylene) alkyl ether (alkyl C=12-15)	Group	4.55	0.00	0.00	0.00	0.00	0.00	4.18	0.00	4.18	0.33	0.03	0.00	
340	4,4'-methylenedianiline	101-77-9	4.48	0.00	0.00	0.00	0.00	0.00	0.09	0.00	0.09	4.39	0.00	0.00	
218	1,3,5-tris(2,3-epoxypropyl)-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione	2451-62-9	4.28	0.00	0.00	0.00	0.00	0.00	0.82	0.00	0.82	3.36	0.10	0.00	
253	Hydrazine	302-01-2	3.76	0.12	0.00	0.00	0.00	0.12	0.14	0.00	0.14	0.20	3.30	0.00	
310	Formaldehyde	50-00-0	3.13	0.40	0.00	0.00	0.00	0.40	0.03	0.00	0.03	1.58	1.13	0.00	
266	Phenol	108-95-2	2.86	0.47	0.00	0.00	0.00	0.47	1.94	0.00	1.94	0.43	0.00	0.02	
254	Hydroquinone	123-31-9	2.62	0.00	0.00	0.00	0.00	0.00	2.62	0.00	2.62	0.00	0.00	0.00	
272	Bis phthalate (2-ethylhexyl)	117-81-7	1.65	0.03	0.00	0.00	0.00	0.03	1.44	0.00	1.44	0.19	0.00	0.00	
175	Mercury and its compounds	Metal compounds	1.36	0.00	0.00	0.00	0.00	0.00	0.16	0.00	0.16	1.19	0.00	0.01	
198	1,3,5,7-tetraazatricyclo [3.3.1.1 ^{3,7}]decane	100-97-0	1.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.07	0.00	0.00	
258	Piperazine	110-85-0	1.08	0.00	0.05	0.00	0.00	0.05	0.03	0.00	0.03	0.00	1.00	0.00	
47	Ethylenediaminetetraacetic acid	60-00-4	0.77	0.00	0.76	0.00	0.00	0.76	0.00	0.00	0.00	0.00	0.00	0.00	
309	Poly (oxyethylene) nonylphenyl ether	9016-45-9	0.65	0.11	0.18	0.00	0.00	0.29	0.12	0.08	0.20	0.05	0.11	0.00	
308	Poly (oxyethylene) octylphenyl ether	9036-19-5	0.61	0.00	0.01	0.00	0.00	0.01	0.25	0.00	0.25	0.00	0.00	0.34	
95	Chloroform	67-66-3	0.48	0.40	0.00	0.00	0.00	0.40	0.08	0.00	0.08	0.00	0.00	0.00	
299	Benzene	71-43-2	0.48	0.17	0.00	0.00	0.00	0.17	0.01	0.00	0.01	0.31	0.00	0.00	
108	Inorganic cyanide compounds (except complex salts and cyanates)	Group	0.44	0.03	0.00	0.00	0.00	0.03	0.32	0.00	0.32	0.00	0.04	0.05	
145	Dichloromethane	75-09-2	0.38	0.02	0.00	0.00	0.00	0.02	0.37	0.00	0.37	0.00	0.00	0.00	
67	Cresol	1319-77-3	0.27	0.10	0.00	0.00	0.00	0.10	0.17	0.00	0.17	0.00	0.00	0.00	
101	2-Ethoxyethyl acetate	111-15-9	0.22	0.18	0.00	0.00	0.00	0.18	0.03	0.00	0.03	0.00	0.00	0.00	
270	Di-n-butyl phthalate	84-74-2	0.21	0.03	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.08	0.08	0.02	
172	N,N-dimethylformamide	68-12-2	0.11	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.03	0.08	0.00	0.00	