

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

Unit: t/year

FY2008 PRTR Data (in descending order according to the amount handled (0.1 t or more))

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	to waste		to sewage					
283	Hydrogen fluoride and its water-soluble salts	Group	3620.22	4.63	42.92	0.00	0.00	47.56	65.86	18.25	84.11	416.92	3071.64	0.00	
16	2-Aminoethanol	141-43-5	470.50	1.60	0.89	0.00	0.00	2.49	170.44	0.02	170.46	2.56	100.22	194.76	
63	Xylene	1330-20-7	310.31	115.88	0.00	0.00	0.00	115.88	43.33	0.04	43.38	8.16	92.53	50.36	
311	Manganese and its compounds	Metal compounds	192.52	0.00	0.14	0.00	0.00	0.14	0.32	0.00	0.32	191.55	0.00	0.51	
243	Barium and its water-soluble compounds	Metal compounds	161.35	0.00	0.00	0.00	0.00	0.00	16.21	0.00	16.21	138.33	0.00	6.81	
30	Polymer of 4,4'-isopropylidenediphenol and 1-chloro-2,3-epoxypropane (liquid)	25068-38-6	156.33	0.16	0.00	0.00	0.00	0.16	16.72	0.16	16.87	139.27	0.00	0.02	
227	Toluene	108-88-3	155.67	101.59	0.00	0.00	0.00	101.59	29.38	0.04	29.42	4.33	19.34	0.99	
338	Methyl-1,3-phenylene diisocyanate	26471-62-5	121.81	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	121.81	0.00	0.00	
232	Nickel compounds	Metal compounds	108.72	0.00	0.06	0.00	0.00	0.06	0.02	0.00	0.02	93.34	0.38	14.91	
304	Boron and its compounds	Metal compounds	103.44	0.34	0.16	0.00	0.00	0.50	21.21	0.03	21.24	78.68	0.71	2.31	
346	Molybdenum and its compounds	Metal compounds	88.32	0.00	0.06	0.00	0.00	0.06	2.26	0.02	2.28	70.32	1.48	14.17	
132	1,1-Dichloro-1-fluoroethane	1717-00-6	88.17	1.99	0.00	0.00	0.00	1.99	0.58	0.00	0.58	85.60	0.00	0.00	
25	Antimony and its compounds	Metal compounds	78.44	0.00	0.00	0.00	0.00	0.00	23.80	0.00	23.80	51.18	0.00	3.46	
231	Nickel	7440-02-0	75.83	0.00	0.00	0.00	0.00	0.00	0.08	0.00	0.08	75.55	0.00	0.21	
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	62.54	0.00	0.00	0.00	0.00	0.00	3.35	0.16	3.51	56.97	0.00	2.07	
43	Ethylene glycol	107-21-1	60.98	0.03	0.01	0.00	0.00	0.04	9.92	0.00	9.92	36.90	0.38	13.75	
85	Chlorodifluoromethane	75-45-6	60.95	0.59	0.00	0.00	0.00	0.59	58.96	0.00	58.96	1.41	0.00	0.00	
1	Zinc compounds (water-soluble)	Metal compounds	58.90	0.00	0.13	0.00	0.00	0.13	4.74	0.08	4.82	48.84	2.33	2.77	
177	Styrene	100-42-5	56.31	10.14	0.00	0.00	0.00	10.14	0.05	0.00	0.05	28.34	17.78	0.00	
40	Ethylbenzene	100-41-4	51.46	28.38	0.00	0.00	0.00	28.38	13.87	0.00	13.87	2.10	7.11	0.00	
64	Silver and its water-soluble compounds	Metal compounds	44.55	0.00	0.00	0.00	0.00	0.00	3.02	0.00	3.02	40.97	0.02	0.53	
202	Tetrahydromethylphthalic anhydride	11070-44-3	39.12	0.00	0.00	0.00	0.00	0.00	5.54	0.00	5.54	33.58	0.00	0.00	
305	Phosgene	75-44-5	18.32	1.79	0.00	0.00	0.00	1.79	0.00	0.00	0.00	0.00	16.53	0.00	
253	Hydrazine	302-01-2	14.66	2.27	0.00	0.00	0.00	2.27	6.48	0.00	6.48	2.46	3.16	0.29	
121	Dichlorodifluoromethane	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	
320	Methyl methacrylate	80-62-6	10.53	3.03	0.00	0.00	0.00	3.03	3.66	0.44	4.10	3.40	0.00	0.00	
312	Phthalic anhydride	85-44-9	10.44	0.08	0.00	0.00	0.00	0.08	0.56	0.00	0.56	8.08	1.72	0.00	
260	Pyrocatechol	120-80-9	10.37	0.00	0.00	0.00	0.00	0.00	9.26	0.00	9.26	0.00	1.11	0.00	
200	Tetrachloroethylene	127-18-4	9.78	9.78	0.00	0.00	0.00	9.78	0.00	0.00	0.00	0.00	0.00	0.00	
207	Copper salts (water-soluble, except complex salts)	Metal compounds	8.52	0.00	0.00	0.00	0.00	0.00	7.65	0.00	7.65	0.87	0.00	0.00	
224	1,3,5-Trimethylbenzene	108-67-8	7.53	1.79	0.00	0.00	0.00	1.79	3.16	0.00	3.16	0.05	0.50	2.03	
252	Arsenic and its inorganic compounds	Metal compounds	6.31	0.00	0.00	0.00	0.00	0.00	1.42	0.00	1.42	4.89	0.00	0.00	
29	4,4'-Isopropylidenediphenol; Bisphenol A	80-05-7	5.97	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.97	0.00	0.00	
100	Cobalt and its compounds	Metal compounds	5.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.12	0.00	2.38	
176	Organic tin compounds	Group	5.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.14	0.00	0.00	
340	4,4'-Methylenedianiline	101-77-9	4.56	0.00	0.00	0.00	0.00	0.00	0.09	0.00	0.09	4.47	0.00	0.00	
24	n-Alkylbenzenesulfonic acid and its salts (alkyl C=10-14)	Group	4.17	0.00	0.00	0.00	0.00	0.00	4.16	0.00	4.16	0.00	0.00	0.00	
44	Ethylene glycol monoethyl ether	110-80-5	2.60	1.75	0.00	0.00	0.00	1.75	0.45	0.00	0.45	0.41	0.00	0.00	
266	Phenol	108-95-2	2.43	0.37	0.00	0.00	0.00	0.37	1.62	0.14	1.76	0.28	0.00	0.01	
218	1,3,5-Tris(2,3-epoxypropyl)-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione	2451-62-9	2.40	0.00	0.00	0.00	0.00	0.00	0.54	0.00	0.54	1.86	0.00	0.00	
307	Poly(oxyethylene) alkyl ether (alkyl C=12-15)	Group	2.06	0.00	0.00	0.00	0.00	0.00	2.00	0.00	2.00	0.01	0.05	0.00	
310	Formaldehyde	50-00-0	1.48	0.34	0.00	0.00	0.00	0.34	0.05	0.00	0.05	0.00	1.09	0.00	
68	Chromium and chromium(III) compounds	Metal compounds	1.29	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.02	1.21	0.00	0.06	
175	Mercury and its compounds	Metal compounds	1.06	0.00	0.00	0.00	0.00	0.00	0.09	0.00	0.09	0.97	0.00	0.00	
258	Piperazine	110-85-0	0.76	0.00	0.12	0.00	0.00	0.12	0.02	0.00	0.02	0.00	0.63	0.00	
198	1,3,5,7-Tetraazatricyclo[3.3.1.1.3.7]decane	100-97-0	0.74	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.71	0.00	0.04	
309	Poly(oxyethylene) nonylphenyl ether	9016-45-9	0.64	0.20	0.14	0.00	0.00	0.34	0.13	0.05	0.18	0.04	0.09	0.00	
145	Dichloromethane	75-09-2	0.55	0.09	0.00	0.00	0.00	0.09	0.46	0.00	0.46	0.00	0.00	0.00	
47	Ethylenediaminetetraacetic acid	60-00-4	0.51	0.00	0.51	0.00	0.00	0.51	0.00	0.00	0.00	0.00	0.00	0.00	
270	Di-n-butyl phthalate	84-74-2	0.49	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.08	0.40	0.00	
308	Poly(oxyethylene) octylphenyl ether	9036-19-5	0.45	0.00	0.01	0.00	0.00	0.01	0.19	0.00	0.19	0.00	0.00	0.26	
108	Inorganic cyanide compounds (except complex salts and cyanates)	Group	0.45	0.04	0.00	0.00	0.00	0.04	0.35	0.00	0.35	0.00	0.04	0.03	
67	Cresol	1319-77-3	0.41	0.09	0.00	0.00	0.00	0.09	0.33	0.00	0.33	0.00	0.00	0.00	
95	Chloroform	67-66-3	0.25	0.17	0.00	0.00	0.00	0.17	0.08	0.00	0.08	0.00	0.00	0.00	
299	Benzene	71-43-2	0.25	0.06	0.00	0.00	0.00	0.06	0.00	0.00	0.00	0.19	0.00	0.00	
101	2-Ethoxyethyl acetate	111-15-9	0.19	0.15	0.00	0.00	0.00	0.15	0.04	0.00	0.04	0.00	0.00	0.00	
172	N,N-Dimethylformamide	68-12-2	0.13	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.03	0.10	0.00	0.00	
272	Bis(2-ethylhexyl) phthalate	117-81-7	0.13	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.02	0.10	0.00	0.00	
45	Ethylene glycol monomethyl ether	109-86-4	0.11	0.01	0.00	0.00	0.00	0.01	0.03	0.00	0.03	0.06	0.00	0.00	