

EPEAT 4722 Public Disclosure of Supply Chain Toxics 2014

The information below shows supply chain toxics reflecting the whole enterprise or the individual manufacturing sites relevant to Display, Lamp, and Semiconductor.

The calculation and protocols used were the Japanese Pollutant Release and Transfer Register (PRTR).
 More details can be found on : <http://www.env.go.jp/en/chemi/prtr/about/index.html>

Display

Supplier 1

PRTR Chemical		Handled	Releases		Transfer			Consumption		Removal
CAS No.	Name		Air	Water	Offsite	Sewage	Waste	Product	Recycled	
141-43-5	2-aminoethanol	6586.32	1.10	0.20	0.00	0.00	277.54	0.00	5189.84	1117.64
-	antimony and its compounds	5.50	0.00	0.00	0.00	0.00	0.06	3.91	1.52	0.00
-	indium and its compounds	27.14	0.00	0.00	0.00	0.00	7.33	0.81	19.00	0.00
7705-08-0	ferric chloride	120.12	0.00	0.00	0.00	0.00	0.00	0.00	83.66	36.46
-	silver and its water-soluble compounds	0.74	0.00	0.00	0.00	0.00	0.00	0.45	0.30	0.00
68-12-2	N,N-dimethylformamide	3.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.38
-	copper salts (water-soluble, except complex	13.60	0.00	0.00	0.00	0.00	13.33	0.00	0.00	0.27
-	arsenic and its inorganic compounds	1.50	0.00	0.00	0.00	0.00	1.46	0.01	0.03	0.00
120-80-9	pyrocatechol	1.28	0.00	0.00	0.00	0.00	1.28	0.00	0.00	0.00
117-81-7	bis(2-ethylhexyl) phthalate	12.91	0.00	0.00	0.00	0.00	9.54	0.00	3.37	0.00
98-54-4	4-tert-butylphenol	2.10	0.04	0.00	0.00	0.00	2.07	0.00	0.00	0.00
-	hydrogen fluoride and its water-soluble salts	773.82	0.69	0.00	0.00	0.00	514.10	0.00	142.27	116.76
552-30-7	1,2,4-benzenetricarboxylic 1,2-anhydride	0.50	0.00	0.00	0.00	0.00	0.03	0.47	0.00	0.00
-	boron compounds	2.08	0.00	0.00	0.00	0.00	1.43	0.49	0.16	0.00
-	poly(oxyethylene)alkyl ether (alkyl C=12-15)	0.89	0.00	0.00	0.00	0.00	0.86	0.00	0.00	0.03
-	manganese and its compounds	27.42	0.00	0.00	0.00	0.00	0.00	27.15	0.27	0.00
1321-94-4	methylnaphthalene	14.21	0.07	0.00	0.00	0.00	0.00	0.00	0.00	14.14
101-68-8	methylenebis(4,1-phenylene) diisocyanate	2540.32	0.00	0.00	0.00	0.00	33.65	2506.67	0.00	0.00
-	molybdenum and its compounds	12.14	0.00	0.01	0.00	0.00	2.42	0.43	9.27	0.00
75-45-6	chlorodifluoromethane; HCFC-22	179.58	0.62	0.00	0.00	0.00	0.00	178.97	0.00	0.00
2451-62-9	1,3,5-tris(2,3-epoxypropyl)-1,3,5-triazine-2,4,6(1H,3H,5H)-trione	3.66	0.00	0.00	0.00	0.00	0.04	2.46	1.17	0.00
108-88-3	toluene	0.71	0.71	0.00	0.00	0.00	0.00	0.00	0.00	0.00
106-94-5	1-bromopropane	2.13	0.00	0.00	0.00	0.00	0.02	0.72	1.38	0.00
85-44-9	phthalic anhydride	2.50	0.00	0.00	0.00	0.00	0.03	1.68	0.80	0.00

Lamp

Supplier 2

PRTR Chemical		Handled	Releases		Transfer			Consumption		Removal
CAS No.	Name		Air	Water	Offsite	Sewage	Waste	Product	Recycled	
100-41-4	Ethylbenzene	3.00	2.40	0.00	0.00	0.00	0.60	0.00	0.00	0.00
1330-20-7	Xylene	6.51	5.20	0.00	0.00	0.00	1.31	0.00	0.00	0.00
95-63-6	1,2,4-Trimethylbenzene	0.02	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
108-88-3	Toluene	64.34	49.60	0.00	0.00	0.00	14.74	0.00	0.00	0.00

Supplier 3

PRTR Chemical		Handled	Releases		Transfer			Consumption		Removal
CAS No.	Name		Air	Water	Offsite	Sewage	Waste	Product	Recycled	
100-41-4	Ethylbenzene	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1330-20-7	Xylene	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
95-63-6	1,2,4-Trimethylbenzene	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
108-88-3	Toluene	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Semiconductor

Supplier 4

PRTR Chemical		Handled	Releases		Transfer			Consumption		Removal
CAS No.	Name		Air	Water	Land	Sewage	Waste	Product	Recycled	
141-43-5	Ethanolamine	8.20	1.20	0.00	0.00	0.00	5.40	1.60	0.00	0.00
-	Antimony and its compounds	20.90	0.00	0.00	0.00	0.00	0.20	5.30	15.40	0.00
100-41-4	Ethylbenzene	10.40	4.60	0.00	0.00	0.00	0.00	0.00	5.80	0.00
109-86-4	2-Methoxyethanol	6.60	0.40	0.00	0.00	0.00	1.90	0.00	4.20	0.00
107-21-1	Ethylene glycol	0.80	0.00	0.00	0.00	0.00	0.00	0.00	0.80	0.00
7705-08-0	Ferric chloride	65.30	0.00	0.00	0.00	0.00	0.00	65.30	0.00	0.00
1330-20-7	Xylene	26.70	3.20	0.00	0.00	0.00	0.90	0.00	22.50	0.00
-	Silver and its water-soluble compounds	17.80	0.00	0.20	0.00	0.00	0.10	13.30	4.30	0.00
112-24-3	Triethylenetetramine	1.60	0.30	0.00	0.00	0.00	1.30	0.00	0.00	0.00
2451-62-9	1,3,5-Tris(2,3-epoxypropyl)	13.60	0.00	0.00	0.00	0.00	0.00	13.60	0.00	0.00
91-20-3	Naphthalene	11.80	0.10	0.00	0.00	0.00	0.00	0.00	11.70	0.00
-	Lead compounds	10.50	0.00	0.00	0.00	0.00	2.70	7.80	0.00	0.00
7440-02-0	Nickel	26.90	0.00	0.00	0.00	0.00	0.00	22.70	4.10	0.00
-	Nickel compounds	8.90	0.00	0.00	0.00	0.00	0.00	6.40	2.60	0.00
80-05-7	Bisphenol A	24.70	0.00	0.00	0.00	0.00	3.70	21.00	0.00	0.00
110-85-0	Piperazine	1.40	0.00	1.40	0.00	0.00	0.00	0.00	0.00	0.00
120-80-9	Pyrocatechol	1.30	0.00	0.00	0.00	0.00	0.00	0.00	1.30	0.00
-	Hydrogen fluoride and its water-soluble salts	201.61	1.92	0.00	0.00	0.00	23.99	0.00	0.00	175.50
1321-94-4	Methylnaphthalene	139.70	0.70	0.00	0.00	0.00	0.00	28.40	15.60	95.00

Supplier 5

PRTR Chemical		Handled	Releases		Transfer			Consumption		Removal
CAS No.	Name		Air	Water	Land	Sewage	Waste	Product	Recycled	
108-88-3	Toluene	1.47	0.17	0.00	0.00	0.00	0.00	0.14	0.29	0.86
-	Manganese and its compounds	26.64	0.00	0.00	0.00	0.00	0.13	0.00	0.25	26.26
1330-20-7	Xylene	0.54	0.12	0.00	0.00	0.00	0.00	0.06	0.03	0.32
100-42-5	Styrene	6.34	0.08	0.00	0.00	0.00	0.01	5.43	0.07	0.75
110-54-3	n-hexane	0.04	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-	Other	117.78	0.17	0.04	0.00	0.00	0.07	109.62	4.54	3.34

Supplier 6

PRTR Chemical		Handled	Releases		Transfer			Consumption		Removal
CAS No.	Name		Air	Water	Land	Sewage	Waste	Product	Recycled	
1330-20-7	Xylene	2.11	0.09	0.00	0.00	0.00	2.03	0.00	0.00	0.00
127-19-5	N,N-dimethylacetamide	1.03	0.04	0.00	0.00	0.00	0.98	0.00	0.00	0.00
108-95-2	phenol	1.30	0.05	0.00	0.00	0.00	1.25	0.00	0.00	0.00
-	hydrogen fluoride and its water-soluble salts	21.22	0.21	0.00	0.00	1.06	0.00	0.00	0.00	19.95
1321-94-4	methylnaphthalene	1.30	0.05	0.00	0.00	0.00	1.25	0.00	0.00	0.00