

EPEAT4.7.2.2 Public disclosure of supply chain toxics

The following information comprises the toxic release data, listed in the Japanese Pollutant Release and Transfer Register (PRTR), from suppliers for the following parts/components contained within one EPEAT registered product:

- Integrated circuit/semiconductor
- Display*
- Motor

Information, including calculations, of the substances included in this disclosure was gathered from the following website of the National Institute of Technology and Evaluation (NITE), a Japanese public agency, and/or from supplier investigations.

<http://www.nite.go.jp/chem/prtr/prtr-kaizi.html>

*We purchase "Display" from a single supplier for the selected EPEAT registered product.

2015 List of PRTR chemical substances

POTWs :publicly (publicly) owned treatment works

<Integrated circuit/semiconductor>

supplier 1

substances specified by Japanese PRTR		Releases (kg/year)				Transfers (kg/year)	
CAS No.	Name	Air Emission	Water Bodies	Land	On-site Landfills	POTWs	Waste
-	antimony and its compounds	0	0	0	0	0	7900
7705-08-0	ferric chloride	0	0	0	0	0	0
-	silver and its water-soluble compounds	0	0	0	0	0	0
127-19-5	N,N-dimethylacetamide	0	0	0	0	0	4400
11070-44-3	tetrahydromethylphthalic anhydride	0	0	0	0	0	2100
95-63-6	1,2,4-trimethylbenzene	0	0	0	0	0	0
7439-92-1	Lead	0	0	0	0	0	600
7440-02-0	Nickel	0	0	0	0	0	0
-	hydrogen fluoride and its water-soluble salts	120	0	0	0	0	0

supplier 2

substances specified by Japanese PRTR		Releases (kg/year)				Transfers (kg/year)	
CAS No.	Name	Air Emission	Water Bodies	Land	On-site Landfills	POTWs	Waste
-	antimony and its compounds	0	0	0	0	0	0
100-41-4	ethylbenzene	1300	0	0	0	0	0
7705-08-0	ferric chloride	0	0	0	0	0	0
1330-20-7	xylene	1500	0	0	0	0	0
127-19-5	N,N-dimethylacetamide	0	0	0	0	0	0
95-63-6	1,2,4-trimethylbenzene	150	0	0	0	0	0
108-67-8	1,3,5-trimethylbenzene	42	0	0	0	0	0
91-20-3	naphthalene	65	0	0	0	0	0
-	lead compounds	0	0	0	0	0	34
7440-02-0	Nickel	0	0	0	0	0	0
25154-52-3	nonylphenol	0	0	0	0	0	0
-	hydrogen fluoride and its water-soluble salts	970	0	0	0	0	0
1321-94-4	methylnaphthalene	87	0	0	0	0	0

supplier 3

substances specified by Japanese PRTR		Releases (kg/year)				Transfers (kg/year)	
CAS No.	Name	Air Emission	Water Bodies	Land	On-site Landfills	POTWs	Waste
112-24-3	triethylenetetramine	0	0	0	0	0	1100
-	hydrogen fluoride and its water-soluble salts	41	0	0	0	1000	2
1321-94-4	methylnaphthalene	11	0	0	0	13	300

<Display>

supplier 1

substances specified by Japanese PRTR		Releases (kg/year)				Transfers (kg/year)	
CAS No.	Name	Air Emission	Water Bodies	Land	On-site Landfills	POTWs	Waste
None to be reported							

<motor>

supplier 1

substances specified by Japanese PRTR		Releases (kg/year)				Transfers (kg/year)	
CAS No.	Name	Air Emission	Water Bodies	Land	On-site Landfills	POTWs	Waste
None to be reported							

supplier 2

substances specified by Japanese PRTR		Releases (kg/year)				Transfers (kg/year)	
CAS No.	Name	Air Emission	Water Bodies	Land	On-site Landfills	POTWs	Waste
None to be reported							

supplier 3

substances specified by Japanese PRTR		Releases (kg/year)				Transfers (kg/year)	
CAS No.	Name	Air Emission	Water Bodies	Land	On-site Landfills	POTWs	Waste
* 115-10-6	Dimethyl ether	0	0	0	0	0	132
108-88-3	Toluene						
* 123-92-2	Isoamyl acetate						
* 67-63-0	Isopropyl alcohol						
1330-20-7	Xylene						
100-41-4	Ethylbenzene						
* 1185-55-3	Methyltrimethoxysilane	0	0	0	0	0	24
* 123-86-4	Butyl acetate						
* 108-87-2	Methylcyclohexane	0	0	0	0	0	180
* 461-58-5	Dicyandiamide						
109-86-4	Ethylene Glycol monomethyl ether	0	0	0	0	0	240
* 25068-38-6	Bisphenol A type Solid epoxy resin						
109-86-4	Ethylene Glycol monomethyl ether						
* 8042-87	Mineral Oil	0	0	0	0	0	25
* 110-82-7	Cyclohexane						
* 74-98-6	Propane						
1717-00-6	Dichlorofluoroethane	0	0	0	0	0	80
* 63148-57-2	Polysiloxane						
* 68476-85-7	Liquified Petroleum Gas	0	0	0	0	0	24
* 115-10-6	Dymethy Ether						
* 100-51-6	Benzyl Alcohol						
* 104-76-7	2-ethyl-1-hexanol						
* 108-94-1	Cyclohexanone						
* 123-92-2	Isopentyl Acetate						
* 34590-94-8	Dipropylene glycol monomethyl ether	0	0	0	0	0	540
* 27858-32-8	Diisopropoxy di(ethoxyacetoacetyl) titanate						
* 12122-17-7	Basic zinc carbonate	0	0	0	0	0	66
* 681-84-5	Tetramethoxysilane						
* 9003-36-5	Formaldehyde, polymer with (chloromethyl)oxirane and phenol	0	0	0	0	0	1440
* 1333-86-4	Carbon black						
* 7440-31-5	Tin	0	0	0	0	0	120
* 7440-50-8	Copper						
* 7440-22-4	Silver						
* 67-64-1	Acetone	0	0	0	0	0	126
* 78-93-3	Methyl Ethyl Ketone	0	0	0	0	0	63
108-88-3	Toluene	0	0	0	0	0	216
* 111-76-2	Ethylene Glycol mono buthyl ether						
* 108-65-6	Propylene glycol Mono methyl ether acetate						
* 78-93-3	Methyl Ethyl Ketone						
* 108-10-1	Methyl Isobutyl ketone						

*not listed in the Japanese PRTR.

2016 List of PRTR chemical substances

POTWs :publically (publicly) owned treatment works

<Integrated circuit/semiconductor>

supplier 1

substances specified by Japanese PRTR		Releases (kg/year)				Transfers (kg/year)	
CAS No.	Name	Air Emission	Water Bodies	Land	On-site Landfills	POTWs	Waste
-	Antimony and its compounds	0	0	0	0	0	8100
7705-08-0	Ferric chloride	0	0	0	0	0	0
-	Silver and its water-soluble compounds	0	0	0	0	0	0
127-19-5	N,N-dimethylacetamide	0	0	0	0	0	0
91-20-3	Naphthalene	0	0	0	0	0	0
7439-92-1	Lead	0	0	0	0	0	620
7440-02-0	Nickel	0	0	0	0	0	0
-	Hydrogen fluoride and its water-soluble salts	120	0	0	0	0	0
1321-94-4	Methylnaphthalene	0	0	0	0	0	0

supplier 2

substances specified by Japanese PRTR		Releases (kg/year)				Transfers (kg/year)	
CAS No.	Name	Air Emission	Water Bodies	Land	On-site Landfills	POTWs	Waste
100-41-4	Ethylbenzene	1300	0	0	0	0	0
7705-08-0	Ferric chloride	0	0	0	0	0	0
1330-20-7	Xylene	1500	0	0	0	0	0
127-19-5	N,N-dimethylacetamide	0	0	0	0	0	0
95-63-6	1,2,4-trimethylbenzene	23	0	0	0	0	0
-	Lead compounds	0	0	0	0	0	34
7440-02-0	Nickel	0	0	0	0	0	0
110-85-0	Piperazine	0	1100	0	0	0	0
-	Hydrogen fluoride and its water-soluble salts	700	0	0	0	0	0

supplier 3

substances specified by Japanese PRTR		Releases (kg/year)				Transfers (kg/year)	
CAS No.	Name	Air Emission	Water Bodies	Land	On-site Landfills	POTWs	Waste
112-24-3	Triethylenetetramine	0	0	0	0	0	1100
-	Hydrogen fluoride and its water-soluble salts	42	0	0	0	1200	1

<Display>

supplier 1

substances specified by Japanese PRTR		Releases (kg/year)				Transfers (kg/year)	
CAS No.	Name	Air Emission	Water Bodies	Land	On-site Landfills	POTWs	Waste
None to be reported							

<motor>

supplier 1

substances specified by Japanese PRTR		Releases (kg/year)				Transfers (kg/year)	
CAS No.	Name	Air Emission	Water Bodies	Land	On-site Landfills	POTWs	Waste
None to be reported							

supplier 2

substances specified by Japanese PRTR		Releases (kg/year)				Transfers (kg/year)	
CAS No.	Name	Air Emission	Water Bodies	Land	On-site Landfills	POTWs	Waste
None to be reported							

supplier 3

substances specified by Japanese PRTR		Releases (kg/year)				Transfers (kg/year)	
CAS No.	Name	Air Emission	Water Bodies	Land	On-site Landfills	POTWs	Waste
* 115-10-6	Dimethyl ether	0	0	0	0	0	669
108-88-3	Toluene						
* 123-92-2	Isoamyl acetate						
* 67-63-0	Isopropyl alcohol						
1330-20-7	Xylene						
100-41-4	Ethylbenzene						
* 1185-55-3	Methyltrimethoxysilane	0	0	0	0	0	24
* 123-86-4	Butyl acetate						
* 108-87-2	Methylcyclohexane						
* 461-58-5	Dicyandiamide	0	0	0	0	0	180
109-86-4	Ethylene Glycol monomethyl ether						
* 25068-38-6	Bisphenol A type Solid epoxy resin	0	0	0	0	0	240
109-86-4	Ethylene Glycol monomethyl ether						
* 8042-87	Mineral Oil	0	0	0	0	0	25
* 110-82-7	Cyclohexane						
* 74-98-6	Propane						
1717-00-6	Dichlorofluoroethane	0	0	0	0	0	92
* 63148-57-2	Polysiloxane						
* 68476-85-7	Liquified Petroleum Gas	0	0	0	0	0	24
* 115-10-6	Dymethy Ether						
* 100-51-6	Benzyl Alcohol						
* 104-76-7	2-ethyl-1-hexanol						
* 108-94-1	Cyclohexanone						
* 123-92-2	Isopentyl Acetate						
* 34590-94-8	Dipropylene glycol monomethyl ether	0	0	0	0	0	5,832
* 27858-32-8	Diisopropoxy di(ethoxyacetoacetyl) titanate						
* 12122-17-7	Basic zinc carbonate	0	0	0	0	0	120
* 681-84-5	Tetramethoxysilane						
* 9003-36-5	Formaldehyde, polymer with (chloromethyl)oxirane and phenol	0	0	0	0	0	1,800
* 1333-86-4	Carbon black						
* 7440-31-5	Tin	0	0	0	0	0	3,360
* 7440-50-8	Copper						
* 7440-22-4	Silver						
* 67-64-1	Acetone	0	0	0	0	0	69.6
* 78-93-3	Methyl Ethyl Ketone	0	0	0	0	0	69.6
108-88-3	Toluene	0	0	0	0	0	36
* 111-76-2	Ethylene Glycol mono buthyl ether						
* 108-65-6	Propylene glycol Mono methyl ether acetate						
* 78-93-3	Methyl Ethyl Ketone						
* 108-10-1	Methyl Isobutyl ketone						

*not listed in the Japanese PRTR.