

#### 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>

## 2013 List of PRTR chemical substances

< 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	17000
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	7100
11070-44-3	tetrahydromethylphthalic anhydride	0	0	0	0	0	2600
95-63-6	1,2,4-trimethylbenzene	22	0	0	0	0	800
7439-92-1	Lead	0	0	0	0	0	1500
7440-02-0	Nickel	0	0	0	0	0	0
-	hydrogen fluoride and its water-soluble salts	130	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
141-43-5	2-aminoethanol	0	0	0	0	0	40000
7705-08-0	ferric chloride	0	0	0	0	0	0
127-19-5	N,N-dimethylacetamide	0	0	0	0	0	31000
-	copper salts (water-soluble, except complex salts)	0	0	0	0	0	3600
120-80-9	pyrocatechol	0	0	0	0	0	3200
-	hydrogen fluoride and its water-soluble salts	60	0	0	0	0	12000
-	water-soluble salts of peroxodisulfuric acid	0	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	47	0	0	0	1100	0
1321-94-4	methylnaphthalene	10	0	0	0	4	87

< 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
* 115-10-6	Dimethyl ether						
108-88-3	Toluene						
123-92-2	Isoamyl acetate						
* 67-63-0	Isopropyl alcohol	0	0	0	0	0	47.4
1330-20-7	Xylene						
100-41-4	Ethylbenzene						
* 1185-55-3	Methyltrimethoxysilane						
* 123-86-4	Butyl acetate						
* 108-87-2	Methylcyclohexane	0	0	0	0	0	1.2
* 7085-85-0	Ethyl 2-cyanoacrylate						
85-44-9	Phthalic anhydride						
* 67762-90-7	Treated fumed silica	0	0	0	0	0	1.2
* 1333-86-4	Carbon black						
123-31-9	Hydroquinone						
* 868-77-9	2-Hydroxyethyl methacrylate						
80-15-9	Cumene hydroperoxide						
* 613-48-9	N,N-Diethyl-p-toluidine	0	0	0	0	0	1.2
* 609-72-3	N,N-dimethyl-o-toluidine						
98-82-8	Cumene						
* 67-64-1	Acetone	0	0	0	0	0	139
* 99-97-8	Benzenamine, N,N,4-trimethyl-	0	0	0	0	0	72
84-74-2	Dibutyl phthalate						
101-77-9	4,4'-Methylene dianiline (DDM)	0	0	0	0	0	11,376
* 25068-38-6	BisphenolA epoxy resin	0	0	0	0	0	309
Trade Secret	Polyamino amide						
* 38640-62-9	Di(isopropyl)naphthalene	0	0	0	0	0	60
112-24-3	Triethylenetetramine						

\* not listed in the Japanese PRTR.

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							

\* handle this chemical, but not released and not transferred

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
None to be reported							

POTWs ;publically ( publicly ) owned treatment works

## 2014 List of PRTR chemical substances

< 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	11000
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	6100
11070-44-3	tetrahydromethylphthalic anhydride	0	0	0	0	0	9300
95-63-6	1,2,4-trimethylbenzene	60	0	0	0	0	2200
7439-92-1	Lead	0	0	0	0	0	1600
7440-02-0	Nickel	0	0	0	0	0	0
-	hydrogen fluoride and its water-soluble salts	140	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
141-43-5	2-aminoethanol	0	0	0	0	0	43000
7705-08-0	ferric chloride	0	0	0	0	0	0
127-19-5	N,N-dimethylacetamide	0	0	0	0	0	16000
-	copper salts (water-soluble, except complex salts)	0	0	0	0	0	3300
120-80-9	pyrocatechol	0	0	0	0	0	3500
-	hydrogen fluoride and its water-soluble salts	84	0	0	0	0	12000
-	water-soluble salts of peroxodisulfuric acid	0	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	47	0	0	0	1000	0
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
* 115-10-6	Dimethyl ether						
108-88-3	Toluene						
* 123-92-2	Isoamyl acetate						
* 67-63-0	Isopropyl alcohol	0	0	0	0	0	60
1330-20-7	Xylene						
100-41-4	Ethylbenzene						
* 1185-55-3	Methyltrimethoxysilane						
* 123-86-4	Butyl acetate						
* 108-87-2	Methylcyclohexane	0	0	0	0	0	5
* 7085-85-0	Ethyl 2-cyanoacrylate						
85-44-9	Phthalic anhydride						
* 67762-90-7	Treated fumed silica	0	0	0	0	0	24
* 1333-86-4	Carbon black						
123-31-9	Hydroquinone						
* 868-77-9	2-Hydroxyethyl methacrylate						
80-15-9	Cumene hydroperoxide						
* 613-48-9	N,N-Diethyl-p-toluidine	0	0	0	0	0	4
* 609-72-3	N,N-dimethyl-o-toluidine						
98-82-8	Cumene						
* 67-64-1	Acetone	0	0	0	0	0	112
* 99-97-8	Benzenamine, N,N,4-trimethyl-	0	0	0	0	0	80
84-74-2	Dibutyl phthalate						
101-77-9	4,4'-Methylene dianiline (DDM)						
* 25068-38-6	BisphenolAepoxy resin	0	0	0	0	0	10,158
Trade Secret	Polyamino amide						
* 38640-62-9	Di(isopropyl)naphthaline	0	0	0	0	0	2,482
112-24-3	Triethylenetetramine						

\* not listed in the Japanese PRTR.

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							

\* handle this chemical, but not released and not transferred

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
None to be reported							

POTWs :publically ( publicly ) owned treatment works