FY2011 PRTR Data by Site

(Unit: kg/mg dioxin and dioxin-like compounds only-TEQ)　Listed to 3 significant figures

Site	Substance	Substance No.	CAS No.	Handled	Consumed	Removed/ Consumed	Recycled	Emissions Volume			Transfer Volume	
								Atmosphere	Public Waterways	Soil	Sewer	Off-site
Tsuruse Plant, Ichigaya Publication Printing Operations 311, Chikumazawa, Miyoshimachi, Iruma-gun, Saitama 354-8558, Japan	Ferric chloride	71	7705-08-0	10,400	—	10,400	—	—	—	—	—	—
	Chromium & chromium(III) compounds	87	—	1,930	—	—	1,680	—	—	—	—	250
	Hexavalent chromium compounds	88	—	1,930	—	1,930	—	—	—	—	—	0.3
	Water soluble copper salts (except complex salts)	272	—	36,000	—	—	36,000	—	—	—	1.2	—
	Toluene	300	108-88-3	1,270,000	—	—	1,230,000	23,900	—	—	—	14,900
Warabi Plant, IPS Operations 4-5-1, Nishikicho, Warabi-shi, Saitama 335-0005, Japan	Dioxins and dioxin-like compounds	243	—	—	—	—	—	—	—	—	—	23.0
	Toluene	300	108-88-3	18,400	—	16,600	—	1,830	—	—	—	—
DNP Data Techno Kansai 712-10, Toin, Kawanishicho, Shiki-gun, Nara 636-0293, Japan	Toluene	300	108-88-3	2,170	—	1,830	—	119	—	—	—	217
Izumizaki Plant, DNP Technopack 7, Izumizaki Chukaku Industrial Park, Izumizaki-mura, Nishishirakawa-gun, Fukushima 969-0101, Japan	Chromium & chromium(III) compounds	87	—	2,310	—	—	1,250	—	—	—	—	1,070
	Hexavalent chromium compounds	88	—	2,310	1,320	996	—	—	—	—	—	—
	Dioxins and dioxin-like compounds	243	—	—	—	—	—	4.2	—	—	—	9.5
	Water soluble copper salts (except complex salts)	272	—	27,800	27,700	—	—	—	—	—	—	165
	Toluene	300	108-88-3	2,040,000	—	1,230,000	406,000	174,000	—	—	—	235,000
Sayama Plant, DNP Technopack 2-6-1, Hirosedai, Sayama-shi, Saitama 350-1328, Japan	Chromium & chromium(III) compounds	87	—	1,230	—	—	1,100	—	—	—	—	133
	Hexavalent chromium compounds	88	—	1,850	1,330	45.0	28.0	—	—	—	—	450
	Water soluble copper salts (except complex salts)	272	—	18,600	15,400	—	—	—	—	—	—	3,170
	Toluene	300	108-88-3	506,000	—	416,000	28,700	42,900	—	—	—	18,900
	N-hexane	392	110-54-3	2,700	—	2,210	138	231	—	—	—	120
Yokohama Plant, DNP Technopack Yokohama 3500, Ikonobecho, Tsuzuki-ku, Yokohama-shi, Kanagawa 224-0053, Japan	Dioxins and dioxin-like compounds	243	—	24.5	—	—	—	—	—	—	—	24.5
	Water soluble copper salts (except complex salts)	272	—	18,100	—	18,100	—	—	—	—	—	—
	Toluene	300	108-88-3	117,000	—	105,000	—	528	—	—	—	11,200
DNP Technopack Tokai 1646-39, Nasubigawa, Nakatsugawa-shi, Gifu 509-9132, Japan	Water soluble copper salts (except complex salts)	272	—	2,220	2,220	—	—	—	—	—	—	—
	Toluene	300	108-88-3	94,500	—	67,300	—	25,200	—	—	—	2,020
Kyoto Plant, DNP Technopack Kansai 10, Uzumasakamikeibucho, Ukyo-ku, Kyoto-shi, Kyoto 616-8533, Japan	Chromium & chromium(III) compounds	87	—	2,230	—	—	1,180	—	—	—	1.9	1,040
	Hexavalent chromium compounds	88	—	2,230	1,180	1,050	—	—	—	—	0.3	—
	Toluene	300	108-88-3	940,000	—	807,000	91,200	35,600	—	—	—	6,450
Tanabe Plant, DNP Technopack Kansai 29-1, Osuminishikitamukai, Kyotanabe-shi, Kyoto 610-0343, Japan	Dioxins and dioxin-like compounds	243	—	—	—	—	—	1.7	—	—	—	162
	Toluene	300	108-88-3	171,000	—	142,000	19,000	8,740	—	—	—	920

(Unit: kg/mg dioxin and dioxin-like compounds only-TEQ)

Site	Substance	Substance No.	CAS No.	Handled	Consumed	Removed/ Consumed	Recycled	Emissions Volume			Transfer Volume	
								Atmosphere	Public Waterways	Soil	Sewer	Off-site
Tokyo Plant, DNP Lifestyle Materials 311, Chikumazawa, Miyoshimachi, Iruma-gun, Saitama 354-8558, Japan	Epsilon-caprolactam	76	105-60-2	3,210	2,740	—	—	—	—	—	—	477
	Hexavalent chromium compounds	88	—	920	665	257	—	—	—	—	—	—
	Dichloromethane	186	75-09-2	4,640	—	4,320	—	320	—	—	—	—
	Toluene	300	108-88-3	102,000	—	85,100	—	6,310	—	—	—	10,800
	Bis(2-ethylhexyl)phthalate	355	117-81-7	5,800	4,940	—	—	—	—	—	—	858
	1,2,4-benzenetricarboxylic acid 1,2-anhydride	401	552-30-7	2,430	2,070	—	—	—	—	—	—	360
Kobe Plant, DNP Lifestyle Materials 2446-3, Shiota, Dojocho, Kita-ku, Kobe-shi, Hyogo 651-1502, Japan	Sodium dodecyl sulfate	275	151-21-3	1,720	1,620	—	—	—	—	—	—	104
	1,2,4-benzenetricarboxylic acid 1,2-anhydride	401	552-30-7	1,360	1,260	—	—	—	—	—	—	105
Okayama Plant, DNP Lifestyle Materials 642-8, Mitsuugaki, Kita-ku, Okayama-shi, Okayama 709-2121, Japan	Epsilon-caprolactam	76	105-60-2	2,600	—	2,130	—	122	—	—	—	353
	Bis(2-ethylhexyl)phthalate	355	117-81-7	2,240	—	1,840	—	108	—	—	—	293
Tokyo Plant, DNP Ellio 4013, Nakatsu, Aikawamachi, Aiko-gun, Kanagawa 243-0303, Japan	Ethylbenzene	53	100-41-4	99,600	—	63,200	33,600	1,600	—	—	—	1,120
	Xylene	80	1330-20-7	112,000	—	77,000	32,200	1,680	—	—	—	1,550
	1,2,4-trimethylbenzene	296	95-63-6	10,900	—	3,740	7,110	72.0	—	—	—	—
	1,3,5-trimethylbenzene	297	108-67-8	4,620	—	2,710	1,760	25.0	—	—	—	130
	Toluene	300	108-88-3	6,880	—	2,250	4,430	195	—	—	—	9.0
	Naphthalene	302	91-20-3	2,930	—	2,820	—	12.0	—	—	—	95.0
Osaka Plant, DNP Ellio 19-5, Shoeicho, Neyagawa-shi, Osaka 572-8522, Japan	Ethylbenzene	53	100-41-4	39,400	—	30,900	8,380	154	—	—	—	—
	Xylene	80	1330-20-7	38,000	—	30,000	7,860	150	—	—	—	—
	1,2,4-trimethylbenzene	296	95-63-6	2,070	—	2,050	—	12.0	—	—	—	—
	1,3,5-trimethylbenzene	297	108-67-8	1,890	—	1,190	690	6.0	—	—	—	—
	Toluene	300	108-88-3	3,320	—	1,610	1,700	8.0	—	—	—	—
Sayama Plant, DNP IMS 2-5-1, Hirosedai, Sayama-shi, Saitama 350-1328, Japan	Xylene	80	1330-20-7	2,220	—	1,870	—	46.0	—	—	—	302
	Toluene	300	108-88-3	975,000	—	813,000	—	20,700	—	—	—	141,000
	Formaldehyde	411	50-00-0	2,660	—	—	—	2,660	—	—	—	—
	Morpholine	455	110-91-8	1,820	—	1,520	—	40.0	—	—	—	261
Odawara Plant, DNP IMS 28, Horinouchi, Odawara-shi, Kanagawa 250-0853, Japan	Silver and its water soluble compounds	82	—	4,830	4,160	—	669	—	—	—	0.4	—
	Tritolyl phosphate	460	1330-78-5	4,440	4,220	—	221	—	—	—	—	—
Shiga Plant, DNP IMS 6, Hinokigaoka, Minakuchicho, Koka-shi, Shiga 528-0068, Japan	Toluene	300	108-88-3	323,000	649	297,000	773	6,810	—	—	—	18,200
	Morpholine	455	110-91-8	4,880	4,380	—	—	—	—	—	460	42.7
Okayama Plant, DNP IMS 642-8, Mitsuugaki, Kita-ku, Okayama-shi, Okayama 709-2121, Japan	Xylene	80	1330-20-7	3,440	—	3,240	111	83.0	—	—	—	9.1
	N,N-dimethylformamide	232	68-12-2	1,940	—	1,890	—	48.5	—	—	—	—
	Toluene	300	108-88-3	2,150,000	6,550	1,910,000	168,000	46,600	—	—	—	15,000
	Methylenebis(4,1-phenylene) diisocyanate	448	101-68-8	2,070	2,070	—	—	—	—	—	—	—

(Unit: kg/mg dioxin and dioxin-like compounds only-TEQ)

Site	Substance	Substance No.	CAS No.	Handled	Consumed	Removed/ Consumed	Recycled	Emissions Volume			Transfer Volume	
								Atmosphere	Public Waterways	Soil	Sewer	Off-site
Saitama Plant, DNP Opto-Materials 1-5, Kiyokucho, Kuki-shi, Saitama 346-0035, Japan Inside of Kiyoku Industrial Park	Ferric chloride	71	7705-08-0	366,000	—	73,100	293,000	—	—	—	—	—
	Water soluble copper salts (except complex salts)	272	—	207,000	41,500	—	166,000	—	—	—	—	—
	Toluene	300	108-88-3	2,530	—	1,730	34.9	17.5	—	—	—	744
Okayama Plant, DNP Opto-Materials 642-8, Mitsuugaki, Kita-ku, Okayama-shi, Okayama 709-2121, Japan	Ethylene glycol monoethyl ether	57	110-80-5	3,450	—	2,520	719	210	—	—	—	—
	Toluene	300	108-88-3	612,000	—	437,000	139,000	36,000	—	—	—	—
	Hexamethylene diacrylate	306	13048-33-4	1,840	1,460	—	380	—	—	—	—	—
	N-hexane	392	110-54-3	3,790	—	2,830	721	236	—	—	—	—
Mihara Plant No.1, DNP Opto-Materials 73-47, Obara, Nutanishicho, Mihara-shi, Hiroshima 729-0473, Japan	Toluene	300	108-88-3	107,000	—	72,100	30,900	4,120	—	—	—	—
Mihara Plant No.2, DNP Opto-Materials 73-1, Obara, Nutanishicho, Mihara-shi, Hiroshima 729-0473, Japan	Nickel	308	7440-02-0	1,360	—	—	1,360	—	—	—	—	—
Kuki Plant, DNP Fine Electronics 1-5, Kiyokucho, Kuki-shi, Saitama 346-0035, Japan Inside of Kiyoku Industrial Park	Water soluble copper salts (except complex salts)	272	—	135,000	—	87,800	47,600	—	—	—	—	—
Kamifukuoka Plant, DNP Fine Electronics 2-2-1, Fukuoka, Fujimino-shi, Saitama 356-8507, Japan	2-aminoethanol	20	141-43-5	43,500	—	—	—	—	—	—	32,700	10,800
	Ferric chloride	71	7705-08-0	1,170,000	—	619,000	423,000	—	—	—	—	131,000
	Chromium & chromium(III) compounds	87	—	51,500	28,200	—	4,880	—	—	—	—	18,500
	Hexavalent chromium compounds	88	—	2,740	407	2,330	—	—	—	—	—	—
	Cobalt and its compounds	132	—	1,780	1,030	—	176	—	—	—	—	573
	Inorganic cyanide compounds (except complex salts and cyanate)	144	—	2,340	—	327	—	490	—	—	—	1,520
	Water soluble copper salts (except complex salts)	272	—	102,000	—	—	102,000	—	—	—	—	—
	Nickel	308	7440-02-0	83,000	74,700	—	8,300	—	—	—	—	—
	Nickel compounds	309	—	26,700	—	—	—	—	—	—	—	26,700
	Manganese and its compounds	412	—	5,710	3,220	—	554	—	—	—	145	1,790
Otone Plant, DNP Precision Devices 1-317-6, Toyonodai, Kazo-shi, Saitama 349-1148, Japan	Ferric chloride	71	7705-08-0	139,000	—	139,000	—	—	—	—	—	—
	Chromium & chromium(III) compounds	87	—	3,020	204	—	1,960	—	—	—	—	852
Mihara Plant, DNP Precision Devices 73-1, Obara, Nutanishicho, Mihara-shi, Hiroshima 729-0473, Japan	Indium and its compounds	44	—	11,400	2,470	—	8,570	—	—	—	—	386
	Ferric chloride	71	7705-08-0	148,000	146,000	—	2,100	—	—	—	—	—
	Chromium & chromium(III) compounds	87	—	2,090	92.0	16.0	1,330	—	—	—	—	654
	Hexavalent chromium compounds	88	—	1,140	775	347	14.7	—	—	—	—	—
	Nickel	308	7440-02-0	5,660	1,670	1,150	2,830	—	—	—	—	14.0
	Nickel compounds	309	—	2,000	87.9	—	268	—	—	—	—	1,640
Kurosaki Plant No.1, DNP Precision Devices 1-1, Kurosakishiroishi, Yahatanishi-ku, Kitakyushu-shi, Fukuoka 806-0004, Japan	Indium and its compounds	44	—	7,490	2,310	—	5,180	—	—	—	—	—
Kurosaki Plant No.2, DNP Precision Devices 1-1, Kurosakishiroishi, Yahatanishi-ku, Kitakyushu-shi, Fukuoka 806-0004, Japan	Indium and its compounds	44	—	3,450	524	—	2,920	—	—	—	—	3.6
DNP Precision Devices Himeji 1-7, Megahidacho, Shikama-ku, Himeji-shi, Hyogo 672-8033, Japan	Ferric chloride	71	7705-08-0	113,000	—	110,000	3,490	—	—	—	—	—

(Unit: kg/mg dioxin and dioxin-like compounds only-TEQ)

Site	Substance	Substance No.	CAS No.	Handled	Consumed	Removed/ Consumed	Recycled	Emissions Volume			Transfer Volume	
								Atmosphere	Public Waterways	Soil	Sewer	Off-site
DNP Color Techno Kameyama 464, Kogawa, Shirakicho, Kameyama-shi, Mie 519-0198, Japan Inside of Sharp Kameyama No.2 Plant	Indium and its compounds	44	—	7,000	2,100	549	4,350	—	—	—	—	—
DNP Color Techno Sakai 1, Takumicho, Sakai-ku, Sakai-shi, Osaka 590-8520, Japan	Indium and its compounds	44	—	17,200	8,530	—	8,620	—	—	—	—	38.9
	Ferric chloride	71	7705-08-0	53,800	16,200	—	37,600	—	—	—	—	—
DNP Hokkaido 11-1-1, Kita7johigashi, Higashi-ku, Sapporo-shi, Hokkaido 065-0007, Japan	Toluene	300	108-88-3	185,000	—	157,000	—	6,570	—	—	—	22,200
DNP Tohoku 3-5-1, Nigatake, Miyagino-ku, Sendai-shi, Miyagi 983-0036, Japan	Chromium & chromium(III) compounds	87	—	1,190	—	—	608	—	—	—	—	581
	Hexavalent chromium compounds	88	—	1,190	627	562	—	—	—	—	—	—
	Water soluble copper salts (except complex salts)	272	—	8,860	8,640	—	—	—	—	—	—	224
	Toluene	300	108-88-3	209,000	—	92,600	—	71,200	—	—	—	45,200
DNP Chubu 3-902, Seko, Moriyama-ku, Nagoya-shi, Aichi 463-8543, Japan	Water soluble copper salts (except complex salts)	272	—	4,540	4,460	29.0	—	—	—	—	—	49.5
	Toluene	300	108-88-3	139,000	—	89,100	8,330	41,100	—	—	—	—
Chikugo Plant, DNP Nishi Nippon 200, Nomachi, Chikugo-shi, Fukuoka 833-0032, Japan	Hexavalent chromium compounds	88	—	1,510	1,480	1.4	—	—	—	—	—	31.0
	Dioxins and dioxin-like compounds	243	—	—	—	—	—	—	—	—	—	37.8
	Water soluble copper salts (except complex salts)	272	—	1,200	—	—	—	—	—	—	—	1,200
	Toluene	300	108-88-3	456,000	—	340,000	—	113,000	—	—	—	3,250
Tokyo Plant, DNP Fine Chemicals 450, Aotocho, Midori-ku, Yokohama-shi, Kanagawa 226-0022, Japan	Ethylbenzene	53	100-41-4	1,450	1,410	3.7	—	1.5	—	—	—	34.8
	Xylene	80	1330-20-7	1,680	1,640	4.6	—	1.8	—	—	—	42.3
	Toluene	300	108-88-3	455,000	425,000	3,770	—	1,140	—	—	—	25,800
	Nickel compounds	309	—	841	822	—	—	—	—	—	—	18.6
	Methacrylic acid	415	79-41-4	4,780	4,670	—	—	12.1	—	—	—	91.7
	Methacrylic acid 2,3-epoxypropyl	417	106-91-2	4,620	4,500	—	—	15.1	—	—	—	104
	Methyl methacrylate	420	80-62-6	1,940	1,760	—	—	30.3	—	—	—	152
	Tritolyl phosphate	460	1330-78-5	1,170	1,080	—	—	—	—	—	—	84.8
Kasaoka Plant, DNP Fine Chemicals 15, Minokoshi, Kasaoka-shi, Okayama 714-0006, Japan Inside of Kasaoka Chuo Nairiku Industrial Park	N,N-dimethylformamide	232	68-12-2	1,430	1,380	5.9	—	0.7	—	—	—	40.6
	Toluene	300	108-88-3	1,280,000	1,220,000	8,530	—	1,050	—	—	—	53,400
	Poly(oxyethylene) alkyl ether *	407	—	1,890	1,850	—	—	—	—	—	—	39.6
	Methacrylic acid	415	79-41-4	2,420	2,260	22.8	—	2.9	—	—	—	135
	Methacrylic acid 2,3-epoxypropyl	417	106-91-2	2,560	2,510	5.2	—	0.6	—	—	—	46.6
Manufacturing Technology Integration Laboratory, Research & Development Center 1-1-3, Midorigahara, Tsukuba-shi, Ibaraki 300-2646, Japan	Toluene	300	108-88-3	1,050	—	200	—	116	—	—	—	736

* Limited to alkaryls of carbon 12 through 15 or their compounds