FY2012 (April 1, 2012 to March 31, 2013) PRTR Data by Site

(Unit: kg / dioxin and dioxin-like compounds only mg-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	13,700	—	13,700	—	—	—	—	—	—
	Chromium & chromium(III) compounds	87	—	1,910	—	—	1,550	—	—	—	—	365
	Hexavalent chromium compounds	88	—	1,910	—	1,910	—	—	—	—	—	0.3
	Water soluble copper salts (except complex salts)	272	—	34,000	—	—	34,000	—	—	—	1.2	—
	Toluene	300	108-88-3	1,320,000	—	—	1,290,000	27,400	—	—	—	—
Warabi Plant, Information Solutions Operations 4-5-1, Nishikicho, Warabi-shi, Saitama 335-0005, Japan	Dioxins and dioxin-like compounds	243	—	—	—	—	—	0.1	—	—	—	25.8
	Toluene	300	108-88-3	12,900	—	11,600	—	1,280	—	—	—	—
DNP Data Techno Kansai 712-10, Toin, Kawanishicho, Shiki-gun, Nara 636-0293, Japan	Toluene	300	108-88-3	2,560	—	2,170	—	135	—	—	—	256
Izumizaki Plant, DNP Technopack 7, Izumizaki Chukaku Industrial Park, Izumizaki-mura, Nishishirakawa-gun, Fukushima 969-0101, Japan	Chromium & chromium(III) compounds	87	—	3,770	—	—	1,260	—	—	—	—	2,500
	Hexavalent chromium compounds	88	—	3,770	1,420	2,340	—	—	—	—	—	—
	Dioxins and dioxin-like compounds	243	—	—	—	—	—	0.7	—	—	—	30.3
	Water soluble copper salts (except complex salts)	272	—	32,900	32,700	—	—	—	—	—	—	195
	Toluene	300	108-88-3	2,100,000	—	1,260,000	457,000	144,000	—	—	—	241,000
Sayama Plant, DNP Technopack 2-6-1, Hirosedai, Sayama-shi, Saitama 350-1328, Japan	Chromium & chromium(III) compounds	87	—	1,380	—	—	1,200	—	—	—	—	178
	Hexavalent chromium compounds	88	—	1,580	1,370	—	—	—	—	—	—	208
	Water soluble copper salts (except complex salts)	272	—	18,200	15,200	—	—	—	—	—	—	2,990
	Toluene	300	108-88-3	469,000	—	380,000	19,000	46,900	—	—	—	22,400
	N-hexane	392	110-54-3	1,880	—	1,520	76.0	194	—	—	—	91.0
Yokohama Plant, DNP Technopack 3500, Ikonobecho, Tsuzuki-ku, Yokohama-shi, Kanagawa 224-0053, Japan	Water soluble copper salts (except complex salts)	272	—	18,100	—	18,100	—	—	—	—	—	—
	Toluene	300	108-88-3	88,800	—	79,400	—	399	—	—	—	9,050
Tokai Plant, DNP Technopack 1646-39, Nasubigawa, Nakatsugawa-shi, Gifu 509-9132, Japan	Water soluble copper salts (except complex salts)	272	—	2,610	2,610	—	—	—	—	—	—	—
	Toluene	300	108-88-3	77,800	—	57,000	281	19,900	—	—	—	673
Kyoto Plant, DNP Technopack 10, Uzumasakamikeibucho, Ukyo-ku, Kyoto-shi, Kyoto 616-8533, Japan	Chromium & chromium(III) compounds	87	—	2,150	—	—	1,230	—	—	—	2.1	918
	Hexavalent chromium compounds	88	—	2,150	1,230	918	—	—	—	—	0.3	—
	Toluene	300	108-88-3	750,000	—	615,000	117,000	9,330	—	—	—	8,920
Tanabe Plant, DNP Technopack 29-1, Osuminishikitamukai, Kyotanabe-shi, Kyoto 610-0343, Japan	Dioxins and dioxin-like compounds	243	—	—	—	—	—	2.1	—	—	—	67.9
	Toluene	300	108-88-3	452,000	—	307,000	89,600	54,900	—	—	—	42.0

(Unit: kg / dioxin and dioxin-like compounds only mg-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
Chikugo Plant, DNP Technopack 200, Nomachi, Chikugo-shi, Fukuoka 833-0032, Japan	Hexavalent chromium compounds	88	—	901	850	1.8	—	—	—	—	—	48.9
	Dioxins and dioxin-like compounds	243	—	—	—	—	—	—	—	—	—	22.4
	Water soluble copper salts (except complex salts)	272	—	3,050	2,930	—	—	—	—	—	—	127
	Toluene	300	108-88-3	449,000	—	391,000	—	52,000	—	—	—	5,950
DNP Hokkaido / Sapporo Plant, DNP Technopack 11-1-1, Kita7johigashi, Higashi-ku, Sapporo-shi, Hokkaido 065-0007, Japan	Toluene	300	108-88-3	194,000	—	165,000	—	6,910	—	—	—	22,500
DNP Tohoku / Sendai Plant, DNP Technopack 3-5-1, Nigatake, Miyagino-ku, Sendai-shi, Miyagi 983-0036, Japan	Hexavalent chromium compounds	88	—	707	431	276	—	—	—	—	—	—
	Water soluble copper salts (except complex salts)	272	—	5,660	5,170	—	—	—	—	—	—	482
	Toluene	300	108-88-3	154,000	—	103,000	—	14,400	—	—	—	37,000
DNP Chubu / Nagoya Plant, DNP Technopack 3-902, Seko, Moriyama-ku, Nagoya-shi, Aichi 463-8543, Japan	Water soluble copper salts (except complex salts)	272	—	5,080	4,990	28.4	—	—	—	—	—	59.4
	Toluene	300	108-88-3	119,000	—	78,200	6,850	34,100	—	—	—	—
Tokyo Plant, DNP Lifestyle Materials 311, Chikumazawa, Miyoshimachi, Iruma-gun, Saitama 354-8558, Japan	Epsilon-caprolactam	76	105-60-2	3,610	3,070	—	—	—	—	—	—	535
	Hexavalent chromium compounds	88	—	795	567	224	—	—	—	—	—	—
	Dichloromethane	186	75-09-2	1,060	—	989	—	73.0	—	—	—	—
	Toluene	300	108-88-3	93,100	—	76,600	—	5,680	—	—	—	10,800
	Bis(2-ethylhexyl)phthalate	355	117-81-7	4,490	3,830	—	—	—	—	—	—	664
	1,2,4-benzenetricarboxylic acid 1,2-anhydride	401	552-30-7	2,540	2,170	—	—	—	—	—	—	377
Kobe Plant, DNP Lifestyle Materials 2446-3, Shiota, Dojocho, Kita-ku, Kobe-shi, Hyogo 651-1502, Japan	Sodium dodecyl sulfate	275	151-21-3	1,580	1,480	—	—	—	—	—	—	92.0
	1,2,4-benzenetricarboxylic acid 1,2-anhydride	401	552-30-7	1,580	1,450	—	—	—	—	—	—	121
Okayama Plant, DNP Lifestyle Materials 642-8, Mitsuugaki, Kita-ku, Okayama-shi, Okayama 709-2121, Japan	Epsilon-caprolactam	76	105-60-2	3,080	—	2,490	—	143	—	—	—	442
	Dichloromethane	186	75-09-2	1,480	—	—	—	—	—	—	—	1,480
	Bis(2-ethylhexyl)phthalate	355	117-81-7	1,800	—	1,440	—	85.0	—	—	—	269
Tokyo Plant, DNP Ellio 4013, Nakatsu, Aikawamachi, Aiko-gun, Kanagawa 243-0303, Japan	Ethylbenzene	53	100-41-4	106,000	—	70,100	32,700	1,860	—	—	—	1,020
	Xylene	80	1330-20-7	118,000	—	84,400	30,000	1,940	—	—	—	1,420
	1,2,4-trimethylbenzene	296	95-63-6	14,400	—	4,270	10,000	86.0	—	—	—	—
	1,3,5-trimethylbenzene	297	108-67-8	5,450	—	3,410	1,880	29.0	—	—	—	132
	Toluene	300	108-88-3	5,770	—	2,140	3,420	200	—	—	—	8.0
	Naphthalene	302	91-20-3	3,280	—	3,170	—	13.0	—	—	—	96.0
Osaka Plant, DNP Ellio 19-5, Shoeicho, Neyagawa-shi, Osaka 572-8522, Japan	Ethylbenzene	53	100-41-4	40,900	—	32,600	8,210	164	—	—	—	—
	Xylene	80	1330-20-7	39,500	—	31,600	7,700	159	—	—	—	—
	1,2,4-trimethylbenzene	296	95-63-6	2,280	—	2,260	—	12.0	—	—	—	—
	1,3,5-trimethylbenzene	297	108-67-8	1,970	—	1,290	675	8.0	—	—	—	—
	Toluene	300	108-88-3	3,400	—	1,730	1,670	11.0	—	—	—	—
Sayama Plant, DNP IMS 2-5-1, Hirosedai, Sayama-shi, Saitama 350-1328, Japan	Toluene	300	108-88-3	879,000	—	723,000	—	18,900	—	—	—	138,000
	Formaldehyde	411	50-00-0	3,410	—	—	—	3,410	—	—	—	—

(Unit: kg / dioxin and dioxin-like compounds only mg-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
Odawara Plant, DNP IMS 28, Horinouchi, Odawara-shi, Kanagawa 250-0853, Japan	Silver and its water soluble compounds	82	–	6,040	5,190	–	852	–	–	–	0.3	–
	Tritolyl phosphate	460	1330-78-5	4,080	3,880	–	204	–	–	–	–	–
Shiga Plant, DNP IMS 6, Hinokigaoka, Minakuchicho, Koka-shi, Shiga 528-0068, Japan	Toluene	300	108-88-3	359,000	1,310	323,000	520	7,100	–	–	–	27,200
	Morpholine	455	110-91-8	4,810	4,520	–	3.4	–	–	–	262	19.4
Okayama Plant, DNP IMS 642-8, Mitsuugaki, Kita-ku, Okayama-shi, Okayama 709-2121, Japan	Xylene	80	1330-20-7	3,750	–	3,550	101	90.9	–	–	–	9.0
	N,N-dimethylformamide	232	68-12-2	2,660	–	2,590	–	66.4	–	–	–	–
	Toluene	300	108-88-3	1,930,000	5,870	1,700,000	165,000	40,800	–	–	–	16,900
	Methylenebis(4,1-phenylene) diisocyanate	448	101-68-8	2,480	2,480	–	–	–	–	–	–	–
Saitama Plant, DNP Advanced Optics 1-5, Kiyokucho, Kuki-shi, Saitama 346-0035, Japan Inside of Kiyoku Industrial Park	Ferric chloride	71	7705-08-0	453,000	–	90,600	363,000	–	–	–	–	–
	Water soluble copper salts (except complex salts)	272	–	287,000	57,500	–	230,000	–	–	–	–	–
Okayama Plant, DNP Advanced Optics 642-8, Mitsuugaki, Kita-ku, Okayama-shi, Okayama 709-2121, Japan	Toluene	300	108-88-3	608,000	–	408,000	167,000	33,300	–	–	–	–
	N-hexane	392	110-54-3	4,420	–	3,010	1,160	251	–	–	–	–
Mihara Plant, DNP Advanced Optics 73-47, Obara, Nutanishicho, Mihara-shi, Hiroshima 729-0473, Japan	Indium and its compounds	44	–	1,320	102	–	1,220	–	–	–	–	–
	Toluene	300	108-88-3	155,000	–	103,000	46,000	5,900	–	–	–	–
Kyoto Plant, DNP Energy Systems 10, Uzumasakamikeibucho, Ukyo-ku, Kyoto-shi, Kyoto 616-8533, Japan	Toluene	300	108-88-3	3,050	–	8.0	452	2,590	–	–	–	6.0
Otone Plant, DNP Fine Electronics 1-317-6, Toyonodai, Kazo-shi, Saitama 349-1148, Japan	Ferric chloride	71	7705-08-0	21,800	–	21,800	–	–	–	–	–	–
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	–	72,300	–	38,400	33,900	–	–	–	–	–
Kamifukuoka Plant, DNP Fine Electronics 2-2-1, Fukuoka, Fujimino-shi, Saitama 356-8507, Japan	2-aminoethanol	20	141-43-5	34,400	–	–	–	–	–	–	23,600	10,900
	Ferric chloride	71	7705-08-0	955,000	–	509,000	351,000	–	–	–	–	95,400
	Chromium & chromium(III) compounds	87	–	37,500	19,500	–	4,410	–	–	–	–	13,700
	Hexavalent chromium compounds	88	–	2,220	318	1,900	–	–	–	–	–	–
	Cobalt and its compounds	132	–	1,090	602	–	133	–	–	–	–	354
	Inorganic cyanide compounds (except complex salts and cyanate)	144	–	1,710	–	238	–	494	–	–	–	980
	Water soluble copper salts (except complex salts)	272	–	77,100	–	–	77,100	–	–	–	–	–
	Nickel	308	7440-02-0	61,700	54,000	–	7,710	–	–	–	–	–
	Nickel compounds	309	–	20,000	–	–	–	–	–	–	–	20,000
	Manganese and its compounds	412	–	4,150	2,200	–	499	–	–	–	155	1,300
Mihara Plant, DNP Fine Electronics 73-1, Obara, Nutanishicho, Mihara-shi, Hiroshima 729-0473, Japan	Indium and its compounds	44	–	13,500	2,840	–	10,100	–	–	–	–	524
	Ferric chloride	71	7705-08-0	174,000	172,000	–	2,150	–	–	–	–	–
	Chromium & chromium(III) compounds	87	–	2,490	172	10.1	1,650	–	–	–	–	662
	Nickel	308	7440-02-0	6,810	2,000	1,390	3,420	–	–	–	–	–
	Nickel compounds	309	–	2,240	49.4	–	1,050	–	–	–	–	1,150

(Unit: kg / dioxin and dioxin-like compounds only mg-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
Kurosaki Plant No.1, DNP Fine Electronics 1-1, Kurosakishiroishi, Yahatanishi-ku, Kitakyushu-shi, Fukuoka 806-0004, Japan	Indium and its compounds	44	—	12,800	3,520	372	8,830	—	—	—	—	47.5
	Ferric chloride	71	7705-08-0	42,600	—	—	—	—	—	—	—	42,600
Kurosaki Plant No.2, DNP Fine Electronics 1-1, Kurosakishiroishi, Yahatanishi-ku, Kitakyushu-shi, Fukuoka 806-0004, Japan	Indium and its compounds	44	—	3,000	450	—	2,550	—	—	—	—	2.8
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	—	1,490	447	—	1,040	—	—	—	—	—
DNP Precision Devices Himeji 1-7, Megahidacho, Shikama-ku, Himeji-shi, Hyogo 672-8033, Japan	Ferric chloride	71	7705-08-0	122,000	—	122,000	—	—	—	—	—	—
Tokyo Plant, DNP Fine Chemicals 450, Aotocho, Midori-ku, Yokohama-shi, Kanagawa 226-0022, Japan	Ethylbenzene	53	100-41-4	1,520	1,460	—	—	8.2	—	—	—	49.3
	Xylene	80	1330-20-7	1,750	1,680	—	—	9.7	—	—	—	57.5
	Toluene	300	108-88-3	415,000	386,000	—	—	4,660	—	—	—	24,300
	Nickel compounds	309	—	774	757	—	—	—	—	—	—	16.5
	Methacrylic acid	415	79-41-4	1,860	1,810	—	—	5.5	—	—	—	39.7
	Methacrylic acid 2,3-epoxypropyl	417	106-91-2	1,730	1,690	—	—	4.3	—	—	—	33.5
	Methyl methacrylate	420	80-62-6	1,140	1,110	—	—	3.5	—	—	—	24.5
	Tritolyl phosphate	460	1330-78-5	1,270	1,210	—	—	—	—	—	—	60.5
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	1,780	1,730	6.2	—	1.6	—	—	—	49.9
	Toluene	300	108-88-3	1,090,000	1,030,000	8,350	—	1,870	—	—	—	49,000
	Nickel compounds	309	—	759	744	—	—	—	—	—	—	15.0
	Poly(oxyethylene) alkyl ether *	407	—	1,780	1,740	—	—	—	—	—	—	38.8
	Methacrylic acid	415	79-41-4	10,600	10,400	16.1	—	4.0	—	—	—	174
	Methacrylic acid 2,3-epoxypropyl	417	106-91-2	10,600	10,400	17.9	—	4.5	—	—	—	184
	Methyl methacrylate	420	80-62-6	1,470	1,440	3.3	—	0.7	—	—	—	30.4
Manufacturing Technology Integration Laboratory, Technology Development Center 1-1-3 Midorigahara, Tsukuba-shi, Ibaraki 300-2646, Japan	Toluene	300	108-88-3	1,720	—	377	—	146	—	—	—	1,190

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