FY2013 (April 1, 2012 to March 31, 2013) PRTR Data by Site

(Unit: kg / dioxin and dioxin-like compounds only mg-TEQ) Figures are listed to 3 significant figures, except for figures below 10 which are listed to the nearest 0.1 measure.

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	16,200	—	16,200	—	—	—	—	—	—
	Chromium & chromium(III) compounds	87	—	1,900	—	—	1,440	—	—	—	—	466
	Hexavalent chromium compounds	88	—	1,900	—	1,900	—	—	—	—	—	0.3
	Water soluble copper salts (except complex salts)	272	—	29,800	—	—	29,800	—	—	—	1.2	—
	Toluene	300	108-88-3	1,010,000	—	—	993,000	20,400	—	—	—	—
Warabi Plant, Information Solutions Operations 4-5-1, Nishikicho, Warabi-shi, Saitama 335-0005, Japan	Dioxins and dioxin-like compounds	243	—	—	—	—	—	2.1	—	—	—	106
	Toluene	300	108-88-3	1,810	—	1,570	—	242	—	—	—	—
Nara Plant, DNP Data Techno Kansai 712-10, Toin, Kawanishicho, Shiki-gun, Nara 636-0293, Japan	Toluene	300	108-88-3	3,820	—	3,240	—	201	—	—	—	382
Kyoto Plant, DNP Data Techno Kansai 29, Kisshoin Kannondocho, Minami-ku, Kyoto-shi, Kyoto	Toluene	300	108-88-3	13,000	1,870	7,820	1,040	159	—	—	—	2,120
Sapporo Plant, DNP Technopack 11-1-1, Kita7johigashi, Higashi-ku, Sapporo-shi, Hokkaido 065-0007, Japan	Toluene	300	108-88-3	239,000	—	208,000	—	8,760	—	—	—	22,200
Izumizaki Plant, DNP Technopack 7, Izumizaki Chukaku Industrial Park, Izumizaki-mura, Nishishirakawa-gun, Fukushima 969-0101, Japan	Chromium & chromium(III) compounds	87	—	4,710	—	—	1,490	—	—	—	—	3,220
	Hexavalent chromium compounds	88	—	4,710	1,670	3,040	—	—	—	—	—	—
	Dioxins and dioxin-like compounds	243	—	—	—	—	—	0.1	—	—	—	3.4
	Water soluble copper salts (except complex salts)	272	—	36,800	36,600	—	—	—	—	—	—	217
	Toluene	300	108-88-3	2,080,000	—	1,270,000	449,000	140,000	—	—	—	214,000
Sayama Plant No.1, DNP Technopack 2-6-1, Hirosedai, Sayama-shi, Saitama 350-1328, Japan	Chromium & chromium(III) compounds	87	—	1,550	—	—	1,370	—	—	—	—	173
	Hexavalent chromium compounds	88	—	1,670	1,540	—	—	—	—	—	—	133
	Water soluble copper salts (except complex salts)	272	—	15,500	—	—	14,400	—	—	—	—	1,090
	Toluene	300	108-88-3	434,000	—	358,000	27,000	35,300	—	—	—	13,600
	N-hexane	392	110-54-3	1,510	—	1,260	68.0	132	—	—	—	51.0
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	87,700	—	82,900	—	417	—	—	—	4,390
Tokai Plant, DNP Technopack 1646-39, Nasubigawa, Nakatsugawa-shi, Gifu 509-9132, Japan	Water soluble copper salts (except complex salts)	272	—	3,010	3,010	—	—	—	—	—	—	—
	Toluene	300	108-88-3	72,500	—	49,900	—	21,500	—	—	—	1,070

(Unit: kg / dioxin and dioxin-like compounds only mg-TEQ) Figures are listed to 3 significant figures, except for figures below 10 which are listed to the nearest 0.1 measure.

Site	Substance	Substance No.	CAS No.	Handled	Consumed	Removed/ Consumed	Recycled	Emissions Volume			Transfer Volume	
								Atmosphere	Public Waterways	Soil	Sewer	Off-site
Nagoya Plant, DNP Technopack 3-902, Seko, Moriyama-ku, Nagoya-shi, Aichi 463-8543, Japan	Toluene	300	108-88-3	19,300	—	17,200	1,150	918	—	—	—	—
Kyoto Plant, DNP Technopack 10, Uzumasakamikeibucho, Ukyo-ku, Kyoto-shi, Kyoto 616-8533, Japan	Chromium & chromium(III) compounds	87	—	2,610	—	—	1,530	—	—	—	2.1	1,070
	Hexavalent chromium compounds	88	—	2,610	1,530	1,070	—	—	—	—	—	—
	Toluene	300	108-88-3	619,000	—	505,000	102,000	9,370	—	—	—	3,050
Tanabe Plant, DNP Technopack 29-1, Osuminishikitamukai, Kyotanabe-shi, Kyoto 610-0343, Japan	Dioxins and dioxin-like compounds	243	—	—	—	—	—	5.7	—	—	—	86.8
	Toluene	300	108-88-3	535,000	—	298,000	130,000	105,000	—	—	—	2,500
Chikugo Plant, DNP Technopack 200, Nomachi, Chikugo-shi, Fukuoka 833-0032, Japan	Hexavalent chromium compounds	88	—	944	894	1.4	—	—	—	—	—	48.4
	Dioxins and dioxin-like compounds	243	—	—	—	—	—	—	—	—	—	12.7
	Water soluble copper salts (except complex salts)	272	—	6,650	6,650	—	—	—	—	—	—	—
	Toluene	300	108-88-3	435,000	—	369,000	—	56,800	—	—	—	8,800
Tokyo Plant, DNP Lifestyle Materials 311, Chikumazawa, Miyoshimachi, Iruma-gun, Saitama 354-8558, Japan	Epsilon-caprolactam	76	105-60-2	4,180	3,560	—	—	—	—	—	—	623
	Hexavalent chromium compounds	88	—	575	488	92.0	—	—	—	—	—	—
	Toluene	300	108-88-3	92,300	—	73,500	—	5,450	—	—	—	13,300
	Bis (2-ethylhexyl) phthalate	355	117-81-7	3,680	3,140	—	—	—	—	—	—	544
	1,2,4-benzenetricarboxylic acid 1,2-anhydride	401	552-30-7	2,690	2,290	—	—	—	—	—	—	397
Kobe Plant, DNP Lifestyle Materials 2446-3, Shiota, Dojocho, Kita-ku, Kobe-shi, Hyogo 651-1502, Japan	Sodium dodecyl sulfate	275	151-21-3	1,660	1,560	—	—	—	—	—	—	97.0
	1,2,4-benzenetricarboxylic acid 1,2-anhydride	401	552-30-7	1,750	1,610	—	—	—	—	—	—	136
Okayama Plant, DNP Lifestyle Materials 642-8, Mitsuugaki, Kita-ku, Okayama-shi, Okayama 709-2121, Japan	Epsilon-caprolactam	76	105-60-2	2,810	—	2,280	—	133	—	—	—	405
	Bis (2-ethylhexyl) phthalate	355	117-81-7	1,480	—	1,200	—	71.0	—	—	—	211
Tokyo Plant, DNP Ellio 4013, Nakatsu, Aikawamachi, Aiko-gun, Kanagawa 243-0303, Japan	Ethylbenzene	53	100-41-4	135,000	—	89,200	42,600	2,440	—	—	—	1,020
	Xylene	80	1330-20-7	120,000	—	78,600	37,800	1,830	—	—	—	1,430
	1,2,4-trimethylbenzene	296	95-63-6	16,200	—	4,640	11,200	337	—	—	—	—
	1,3,5-trimethylbenzene	297	108-67-8	6,140	—	3,660	2,200	102	—	—	—	183
	Toluene	300	108-88-3	9,030	—	3,670	5,120	233	—	—	—	11.0
	Naphthalene	302	91-20-3	8,010	—	7,840	—	40.0	—	—	—	130
Osaka Plant, DNP Ellio 19-5, Shoeicho, Neyagawa-shi, Osaka 572-8522, Japan	Ethylbenzene	53	100-41-4	41,100	—	32,800	8,090	166	—	—	—	—
	Xylene	80	1330-20-7	38,300	—	30,100	8,090	151	—	—	—	—
	1,2,4-trimethylbenzene	296	95-63-6	2,310	—	2,290	—	12.0	—	—	—	—
	1,3,5-trimethylbenzene	297	108-67-8	1,900	—	1,270	613	8.0	—	—	—	—
	Toluene	300	108-88-3	3,420	—	2,250	1,160	12.0	—	—	—	—
	Naphthalene	302	91-20-3	2,700	—	2,690	2.0	13.0	—	—	—	—

(Unit: kg / dioxin and dioxin-like compounds only mg-TEQ) Figures are listed to 3 significant figures, except for figures below 10 which are listed to the nearest 0.1 measure.

Site	Substance	Substance No.	CAS No.	Handled	Consumed	Removed/ Consumed	Recycled	Emissions Volume			Transfer Volume	
								Atmosphere	Public Waterways	Soil	Sewer	Off-site
Sayama Plant, DNP IMS 2-5-1, Hirosedai, Sayama-shi, Saitama 350-1328, Japan	Toluene	300	108-88-3	972,000	—	797,000	—	23,700	—	—	—	151,000
	Formaldehyde	411	50-00-0	2,230	—	—	—	2,230	—	—	—	—
	Morpholine	455	110-91-8	1,920	—	1,590	—	47.0	—	—	—	280
Odawara Plant, DNP IMS 28, Horinouchi, Odawara-shi, Kanagawa 250-0853, Japan	Silver and its water soluble compounds	82	—	4,420	3,980	—	442	—	—	—	0.2	—
	Tritolyl phosphate	460	1330-78-5	3,380	3,210	—	169	—	—	—	—	—
Okayama Plant, DNP IMS 642-8, Mitsuugaki, Kita-ku, Okayama-shi, Okayama 709-2121, Japan	Xylene	80	1330-20-7	3,570	—	3,350	129	85.8	—	—	—	12.7
	N,N-dimethylformamide	232	68-12-2	2,770	—	2,700	—	69.2	—	—	—	—
	Toluene	300	108-88-3	1,970,000	6,560	1,710,000	195,000	43,000	—	—	—	16,400
	Methylenebis (4,1-phenylene) diisocyanate	448	101-68-8	2,750	2,750	—	—	—	—	—	—	—
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	372,000	—	37,200	335,000	—	—	—	—	—
	Water soluble copper salts (except complex salts)	272	—	75,000	—	7,500	67,500	—	—	—	—	—
Okayama Plant, DNP Advanced Optics 564, Mitsuugaki, Kita-ku, Okayama-shi, Okayama 709-2121, Japan	Toluene	300	108-88-3	598,000	—	390,000	176,000	31,800	—	—	—	—
	N-hexane	392	110-54-3	2,830	—	1,950	717	163	—	—	—	—
Mihara Plant, DNP Advanced Optics 73-47, Obara, Nutanishicho, Mihara-shi, Hiroshima 729-0473, Japan	Toluene	300	108-88-3	110,000	—	75,800	30,200	4,320	—	—	—	—
	Nickel	308	7440-02-0	2,500	—	—	2,500	—	—	—	—	—
Kyoto Plant, DNP Energy Systems 10, Uzumasakamikeibucho, Ukyo-ku, Kyoto-shi, Kyoto 616-8533, Japan	Toluene	300	108-88-3	8,720	—	—	1,540	7,180	—	—	—	—
Kamifukuoka Plant, DNP Fine Electronics 2-2-1, Fukuoka, Fujimino-shi, Saitama 356-8507, Japan	2-aminoethanol	20	141-43-5	38,300	—	—	—	—	—		28,300	10,000
	Ferric chloride	71	7705-08-0	1,260,000	—	552,000	662,000	—	—	—	—	42,000
	Chromium & chromium(III) compounds	87	—	39,400	20,800	—	4,520	—	—	—	—	14,100
	Hexavalent chromium compounds	88	—	2,320	286	2,030	—	—	—	—	—	—
	Inorganic cyanide compounds (except complex salts and cyanate)	144	—	2,580	—	292	—	498	—	—	—	1,790
	Water soluble copper salts (except complex salts)	272	—	98,700	—	—	98,700	—	—	—	—	—
	Nickel	308	7440-02-0	32,500	28,500	—	3,960	—	—	—	—	—
	Nickel compounds	309	—	10,300	—	—	—	—	—	—	—	10,300
	Manganese and its compounds	412	—	3,620	2,000	—	436	—	—	—	47.0	1,130
Mihara Plant, DNP Fine Electronics 73-1, Obara, Nutanishicho, Mihara-shi, Hiroshima 729-0473, Japan	2-aminoethanol	20	141-43-5	1,080	—	—	—	—	—	—	—	1,080
	Indium and its compounds	44	—	5,350	1,050	—	4,010	—	—	—	—	288
	Ferric chloride	71	7705-08-0	391,000	386,000	—	5,890	—	—	—	—	—
	Chromium & chromium(III) compounds	87	—	1,640	62.2	6.1	959	—	—	—	—	609
	Hexavalent chromium compounds	88	—	939	645	287	5.7	—	—	—	—	1.0
	Nickel	308	7440-02-0	9,590	2,820	1,960	4,820	—	—	—	—	—
	Nickel compounds	309	—	3,010	19.7	—	1,480	—	—	—	—	1,520

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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	—	11,300	3,230	—	7,650	—	—	—	—	425
	Ferric chloride	71	7705-08-0	37,600	—	—	—	—	—	—	—	37,600
Kurosaki Plant No.2, DNP Fine Electronics 1-1, Kurosakishiroishi, Yahatanishi-ku, Kitakyushu-shi, Fukuoka 806-0004, Japan	Indium and its compounds	44	—	2,410	362	—	2,050	—	—	—	—	2.1
DNP Color Techno Kameyama 464, Kogawa, Shirakicho, Kameyama-shi, Mie 519-0198, Japan Inside of Sharp Corporation Kameyama No.2 Plant	Indium and its compounds	44	—	4,520	1,360	—	3,160	—	—	—	—	—
DNP Precision Devices Himeji 1-7, Megahidacho, Shikama-ku, Himeji-shi, Hyogo 672-8033, Japan	Ferric chloride	71	7705-08-0	103,000	—	103,000	—	—	—	—	—	—
Tokyo Plant, DNP Fine Chemicals 450, Aotocho, Midori-ku, Yokohama-shi, Kanagawa 226-0022, Japan	Ethylbenzene	53	100-41-4	1,480	1,450	—	—	3.6	—	—	—	28.9
	Xylene	80	1330-20-7	1,730	1,690	—	—	5.0	—	—	—	36.2
	Toluene	300	108-88-3	370,000	341,000	—	—	664	—	—	—	28,500
	Nickel compounds	309	—	651	635	—	—	—	—	—	—	15.7
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	1,440	1,380	7.5	—	1.7	—	—	—	53.6
	Toluene	300	108-88-3	1,070,000	1,020,000	5,060	—	1,120	—	—	—	47,800
	Nickel compounds	309	—	959	941		—	—	—	—	—	17.8
	Poly (oxyethylene) alkyl ether *	407	—	1,700	1,660		—	—	—	—	—	35.3
	Methacrylic acid	415	79-41-4	3,990	3,860	14.7	—	4.1	—	—	—	115
	Methacrylic acid 2,3-epoxypropyl	417	106-91-2	3,760	3,690	5.7	—	2.5	—	—	—	66.1
DNP Fine Chemicals Utsunomiya 1062-8, Honjo, Nishikatamachi, Tochigi-shi, Tochigi Inside Utsunomiya-Nishi Chukaku Industrial Park	Acetonitrile	13	75-05-8	2,890	—	621	—	165	—	—	—	2,100
	Ferric chloride	71	7705-08-0	1,500	—	1,500	—	—	—	—	—	—
	Dichloromethane	186	75-09-2	2,690	—	—	—	—	—	—	—	2,690
	Triethylamine	277	121-44-8	1,460	—	19.0	—	1.3	—	—	—	1,440
	Toluene	300	108-88-3	129,000	—	873	—	3,400	—	—	—	124,000
	N-hexane	392	110-54-3	5,910	—	118	—	—	—	—	—	5,790
	Methacrylic acid	415	79-41-4	9,120	3,800	4,790	—	532	—	—	—	—
Manufacturing Technology Integration Laboratory, Technology Development Center 1-1-3 Midorigahara, Tsukuba-shi, Ibaraki 300-2646, Japan	Toluene	300	108-88-3	3,350	—	854	—	161	—	—	—	2,340

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