

FY2015 (April 1, 2014 to March 31, 2015) PRTR Data by Site

(Unit: kg / dioxin and dioxin-like compounds only mg-TEQ) Figures are listed to 2 significant figures, except for figures below 1 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
Sapporo Plant, DNP Technopack Higashi-ku, Sapporo-shi, Hokkaido	1,2,4-trimethylbenzene	296	95-63-6	1,800	–	–	–	1,800	–	–	–	–
	Toluene	300	108-88-3	270,000	–	220,000	2,100	35,000	–	–	–	19,000
Izumizaki Plant, DNP Technopack Izumizaki-mura, Nishishirakawa-gun, Fukushima	Chromium & chromium(III) compounds	87	–	3,700	–	–	1,600	–	–	–	–	2,000
	Hexavalent chromium compounds	88	–	3,700	1,800	1,900	–	–	–	–	–	–
	Dioxins and dioxin-like compounds	243	–	–	–	–	–	0.1	–	–	–	8
	Water soluble copper salts (except complex salts)	272	–	39,000	39,000	–	–	–	–	–	–	240
	Toluene	300	108-88-3	1,600,000	–	1,300,000	130,000	97,000	–	–	–	31,000
DNP Fine Chemicals Utsunomiya Tochigi-shi, Tochigi	Acetonitrile	13	75-05-8	3,200	–	190	–	32	–	–	–	3,000
	Ferric chloride	71	7705-08-0	1,400	–	–	–	–	–	–	–	1,400
	Xylene	80	1330-20-7	9,800	–	390	–	49	–	–	–	9,300
	Dichloromethane	186	75-09-2	2,100	–	–	–	700	–	–	–	1,400
	Bromine	234	7726-95-6	1,900	–	–	–	–	–	–	–	1,900
	Triethylamine	277	121-44-8	1,400	–	–	–	–	–	–	–	1,400
	Toluene	300	108-88-3	360,000	65,000	11,000	–	1,300	–	–	–	280,000
	N-hexane	392	110-54-3	1,100	–	68	–	11	–	–	–	1,100
	Methacrylic acid	415	79-41-4	14,000	14,000	–	–	–	–	–	–	–
	n-Butyl methacrylate	419	97-88-1	2,300	2,300	–	–	–	–	–	–	–
Methyl methacrylate	420	80-62-6	24,000	24,000	–	–	–	–	–	–	–	
Integrated Manufacturing Technology Laboratory, Technology Development Center Tsukuba-shi, Ibaraki	Toluene	300	108-88-3	3,600	–	770	–	350	–	–	–	2,500
Tsuruse Plant, Publication Printing Operations Miyoshimachi, Iruma-gun, Saitama	Chromium & chromium(III) compounds	87	–	1,300	–	–	1,100	–	–	–	–	190
	Hexavalent chromium compounds	88	–	1,300	–	1,300	–	–	–	–	–	0.3
	Water soluble copper salts (except complex salts)	272	–	21,000	–	–	21,000	–	–	–	1.2	–
	Toluene	300	108-88-3	540,000	–	–	530,000	15,000	–	–	–	–
Tokyo Plant, DNP Lifestyle Materials Miyoshimachi, Iruma-gun, Saitama	Epsilon-caprolactam	76	105-60-2	3,700	3,200	–	–	–	–	–	–	560
	Hexavalent chromium compounds	88	–	770	540	230	–	–	–	–	–	–
	Toluene	300	108-88-3	72,000	–	57,000	–	4,200	–	–	–	11,000
	Bis(2-ethylhexyl)phthalate	355	117-81-7	1,800	1,500	–	–	–	–	–	–	270
	1,2,4-benzenetricarboxylic acid 1,2-anhydride	401	552-30-7	2,300	1,900	–	–	–	–	–	–	340

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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
Warabi Plant, DNP Data Techno Warabi-shi, Saitama	Dioxins and dioxin-like compounds	243	–	–	–	–	–	0.8	–	–	–	86
Sayama Plant, DNP Imagingcomm Sayama-shi, Saitama	Toluene	300	108-88-3	1,400,000	–	1,200,000	–	19,000	–	–	–	120,000
	Poly(oxyethylene) alkyl ether*	407	–	2,800	–	2,500	–	39	–	–	–	260
	Formaldehyde	411	50-00-0	3,300	–	–	–	3,300	–	–	–	–
	Morpholine	455	110-91-8	2,200	–	2,000	–	31	–	–	–	200
Sayama Plant No.1, DNP Technopack Sayama-shi, Saitama	Chromium & chromium(III) compounds	87	–	1,600	–	–	1,400	–	–	–	–	150
	Hexavalent chromium compounds	88	–	1,800	1,600	–	–	–	–	–	–	210
	Water soluble copper salts (except complex salts)	272	–	16,000	–	–	15,000	–	–	–	–	220
	Toluene	300	108-88-3	360,000	–	270,000	31,000	28,000	–	–	–	29,000
	N-hexane	392	110-54-3	1,400	–	1,100	67	130	–	–	–	73
Kamifukuoka Plant, DNP Fine Oprtonics Fujimino-shi, Saitama	2-aminoethanol	20	141-43-5	40,000	–	–	–	–	–	–	26,000	14,000
	Ferric chloride	71	7705-08-0	1,400,000	–	570,000	670,000	–	–	–	–	130,000
	Chromium & chromium(III) compounds	87	–	33,000	16,000	–	5,600	–	–	–	–	12,000
	Hexavalent chromium compounds	88	–	2,600	390	2,200	–	–	–	–	–	–
	Inorganic cyanide compounds (except complex salts and cyanate)	144	–	1,800	–	230	–	480	–	–	–	1,000
	Water soluble copper salts (except complex salts)	272	–	130,000	–	–	130,000	–	–	–	–	–
	Nickel	308	7440-02-0	25,000	20,000	–	4,600	–	–	–	–	–
	Nickel compounds	309	–	7,400	–	–	–	–	–	–	–	7,400
	Manganese and its compounds	412	–	3,000	1,500	–	550	–	–	–	28	880
Kuki Plant, DNP High-performance Materials Kuki-shi, Saitama	Ferric chloride	71	7705-08-0	210,000	–	42,000	170,000	–	–	–	–	–
	Water soluble copper salts (except complex salts)	272	–	50,000	9,900	–	40,000	–	–	–	–	–
Yokohama Plant, DNP Technopack Tsuzuki-ku, Yokohama-shi, Kanagawa	Water soluble copper salts (except complex salts)	272	–	18,000	–	18,000	–	–	–	–	–	–
	Toluene	300	108-88-3	92,000	–	88,000	–	440	–	–	–	4,000
Tokyo Plant, DNP Fine Chemicals Midori-ku, Yokohama-shi, Kanagawa	Toluene	300	108-88-3	660,000	630,000	–	–	620	–	–	–	28,000
	Nickel compounds	309	–	610	590	–	–	–	–	–	–	13
	Methacrylic acid	420	80-62-6	1,000	900	–	–	1.9	–	–	–	99
Tokyo Plant, DNP Ellio Aikawamachi, Aiko-gun, Kanagawa	Ethylbenzene	53	100-41-4	130,000	–	85,000	46,000	2,200	–	–	–	640
	Xylene	80	1330-20-7	110,000	–	75,000	35,000	1,500	–	–	–	870
	1,2,4-trimethylbenzene	296	95-63-6	15,000	–	2,800	12,000	130	–	–	–	–
	1,3,5-trimethylbenzene	297	108-67-8	5,000	–	2,900	2,100	38	–	–	–	27
	Toluene	300	108-88-3	9,200	–	5,100	3,900	190	–	–	–	2
	Naphthalene	302	91-20-3	7,700	–	7,700	–	39	–	–	–	19

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								Atmosphere	Public Waterways	Soil	Sewer	Off-site
Tokai Plant, DNP Technopack Nakatsugawa-shi, Gifu	Water soluble copper salts (except complex salts)	272	-	3,900	3,900	-	-	-	-	-	-	-
	Toluene	300	108-88-3	120,000	-	96,000	-	23,000	-	-	-	3,100
DNP Color Techno Kameyama Kameyama-shi, Mie	Indium and its compounds	44	-	3,300	1,000	-	2,300	-	-	-	-	-
Kyoto Plant, DNP Technopack Ukyo-ku, Kyoto-shi, Kyoto	Chromium & chromium(III) compounds	87	-	2,900	-	-	1,700	-	-	-	2.2	1,200
	Hexavalent chromium compounds	88	-	2,900	1,700	1,200	-	-	-	-	0.2	-
	Toluene	300	108-88-3	520,000	-	440,000	66,000	9,000	-	-	-	2,500
Kyoto Plant, DNP Data Techno Minami-ku, Kyoto-shi, Kyoto	Toluene	300	108-88-3	20,000	-	14,000	-	290	-	-	-	5,300
Tanabe Plant, DNP Technopack Kyotanabe-shi, Kyoto	Dioxins and dioxin-like compounds	243	-	-	-	-	-	5.8	-	-	-	170
	Toluene	300	108-88-3	490,000	-	260,000	89,000	140,000	-	-	-	2,000
Nara Plant, DNP Data Techno Kawanishicho, Shiki-gun, Nara	Toluene	300	108-88-3	1,000	-	860	-	62	-	-	-	100
Osaka Plant, DNP Ellio Neyagawa-shi, Osaka	Ethylbenzene	53	100-41-4	44,000	-	33,000	11,000	170	-	-	-	16
	Xylene	80	1330-20-7	36,000	-	30,000	6,300	150	-	-	-	24
	1,2,4-trimethylbenzene	296	95-63-6	2,600	-	1,900	740	9.7	-	-	-	-
	1,3,5-trimethylbenzene	297	108-67-8	1,100	-	840	240	4.4	-	-	-	16
	Toluene	300	108-88-3	2,800	-	1,600	1,100	8.3	-	-	-	1
	Naphthalene	302	91-20-3	3,300	-	3,300	-	16	-	-	-	15
Okayama Plant, DNP Imagingcomm Okayama-shi, Okayama	Xylene	80	1330-20-7	1,800	-	1,800	-	35	-	-	-	-
	Toluene	300	108-88-3	2,300,000	7,900	1,900,000	250,000	38,000	-	-	-	17,000
	Methylenebis(4,1-phenylene) diisocyanate	448	101-68-8	2,300	2,300	-	-	-	-	-	-	-
Okayama Plant, DNP Lifestyle Materials Okayama-shi, Okayama	Epsilon-caprolactam	76	105-60-2	2,600	-	2,000	-	120	-	-	-	410
	Hexavalent chromium compounds	88	-	1,100	1,100	-	-	-	-	-	-	-
	Bis(2-ethylhexyl)phthalate	355	117-81-7	1,600	-	1,200	-	69	-	-	-	290
	1,2,4-benzenetricarboxylic acid 1,2-anhydride	401	552-30-7	1,100	1,000	-	-	-	-	-	-	84
Okayama Plant, DNP Fine Optronics Okayama-shi, Okayama	Ethylene glycol monomethyl ether	57	110-80-5	1,000	-	670	320	56	-	-	-	-
	Toluene	300	108-88-3	590,000	-	390,000	160,000	31,000	-	-	-	-
Kasaoka Plant, DNP Fine Chemicals Kasaoka-shi, Okayama	Vinyl acetate	134	108-05-4	1,500	1,500	1.1	-	0.5	-	-	-	10
	Toluene	300	108-88-3	1,300,000	1,300,000	1,100	-	1,400	-	-	-	52,000
	Nickel compounds	309	-	780	780	-	-	-	-	-	-	5.4
	Poly(oxyethylene) alkyl ether*	407	-	1,300	1,300	-	-	-	-	-	-	7.4

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								Atmosphere	Public Waterways	Soil	Sewer	Off-site
Mihara East Plant, DNP Fine Optronics Mihara-shi, Hiroshima	Indium and its compounds	44	-	3,000	460	-	2,500	-	-	-	-	40
	Ferric chloride	71	7705-08-0	390,000	390,000	-	5,500	-	-	-	-	-
	Chromium and chromium(III) compounds	87	-	1,200	37	0.9	320	-	-	-	-	830
	Hexavalent chromium compounds	88	-	930	600	230	0.9	-	-	-	-	96
	Nickel	308	7440-02-0	8,800	2,400	1,600	4,600	-	-	-	-	100
	Nickel compounds	309	-	2,700	-	-	9.4	-	-	-	-	2,700
Mihara West Plant, DNP Fine Optronics Mihara-shi, Hiroshima	2,6-Di-tert-butyl-4-methylphenol	207	128-37-0	1,000	-	680	290	39	-	-	-	-
	Toluene	300	108-88-3	330,000	-	230,000	94,000	13,000	-	-	-	-
Kurosaki Plant No.1, DNP Fine Optronics Yahatanishi-ku, Kitakyushu-shi, Fukuoka	Indium and its compounds	44	-	4,200	1,100	-	3,000	-	-	-	-	190
	Ferric chloride	71	7705-08-0	16,000	-	-	-	-	-	-	-	16,000
Kurosaki Plant No.2, DNP Fine Optronics Yahatanishi-ku, Kitakyushu-shi, Fukuoka	Indium and its compounds	44	-	1,400	210	-	1,200	-	-	-	-	2.5
Tobata Plant, DNP High-performance Materials Tobata-ku, Kitakyushu-shi, Fukuoka	Ethylbenzene	53	100-41-4	2,400	-	2,200	-	120	-	-	-	-
	Xylene	80	1330-20-7	2,500	-	2,400	-	130	-	-	-	-
	Toluene	300	108-88-3	67,000	-	64,000	-	3,400	-	-	-	-
Chikugo Plant, DNP Technopack Chikugo-shi, Fukuoka	Hexavalent chromium compounds	88	-	1,100	1,000	1.8	-	-	-	-	-	55
	Dioxins and dioxin-like compounds	243	-	-	-	-	-	-	-	-	-	13
	Water soluble copper salts (except complex salts)	272	-	4,200	4,100	-	-	-	-	-	-	140
	Toluene	300	108-88-3	500,000	-	410,000	-	69,000	-	-	-	17,000

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