

Transfer and Release of Hazardous Substances

Annual Kobe Steel Group Transfer and Release of Hazardous Substances Subject to PRTR Reporting (fiscal 2017) Unit: kg (dioxins: mg-TEQ)

	Substance	Kobe Steel			Group Companies		
		Release	Transfer	No. of locations	Release	Transfer	No. of locations
1	Zinc compounds (water-soluble)	1,400	0	2	100	1,200	5
20	2-aminoethanol	0	380	2	0	0	-
44	Indium and its compounds	0	0	-	0	9	1
53	Ethylbenzene	9,500	1,100	3	98,000	11,000	6
57	Ethylene glycol monoethyl ether	55	19	1	0	0	-
71	Ferric chloride	0	96,000	4	0	0	-
74	p-octylphenol	0	0	1	0	0	-
80	Xylene	32,000	3,800	9	220,000	51,000	8
82	Silver and its water-soluble compounds	0	0	-	0	19	1
85	Glutaraldehyde	0	0	1	0	0	-
87	Chromium and chromium(III) compounds	57	41,000	7	66	22,000	3
88	Chromium (VI) compounds	0	920	3	0	440	1
104	Chlorodifluoromethane; HCFC-22	1,000	0	1	0	0	-
132	Cobalt and its compounds	0	250	2	34	2,200	1
133	2-ethoxyethyl acetate; ethylene glycol monoethyl ether acetate	0	0	-	1,900	550	1
135	2-methoxyethyl acetate; ethylene glycol monomethyl ether acetate	1,300	70	1	0	0	-
144	Inorganic cyanide compounds (except complex salts and cyanates)	25	1,100	1	0	170	1
185	Dichloropentafluoropropane; HCFC-225	2,400	0	1	1,500	0	1
186	Dichloromethane; methylene dichloride	55,000	12	2	6,800	330	3
240	Styrene	0	2,100	1	0	0	-
243	Dioxins	1,300	2	2	670	0	1
262	Tetrachloroethylene	0	0	-	350	0	1
272	Copper salts (water-soluble, except complex salts)	440	11	2	0	0	-
273	1-dodecanol; n-dodecyl alcohol	0	0	1	0	0	-
277	Triethylamine	2,800	430	2	0	0	-
281	Trichloroethylene	0	0	-	7,000	3,800	1
296	1,2,4-trimethylbenzene	14,000	630	7	6,200	650	5
297	1,3,5-trimethylbenzene	3,400	950	2	1,300	370	2
300	Toluene	84,000	660	5	110,000	29,000	8
302	Naphthalene	19	340	1	0	0	-
304	Lead	0	0	-	0	0	1
305	Lead compounds	0	0	-	7	5,100	2
308	Nickel	5	1,200	6	0	960	4
309	Nickel compounds	270	4,400	4	480	30,000	4
321	Vanadium compounds	25	900	2	35	8,500	1
333	Hydrazine	6	0	1	0	0	-
349	Phenol	0	0	1	0	0	-
368	4-tert-butylphenol	0	0	-	0	10	1
374	Hydrogen fluoride and its water-soluble salts	12,000	42	4	230	68	3
384	1-bromopropane	1,000	0	1	0	0	-
389	Hexadecyltrimethylammonium chloride	0	0	1	0	0	-
392	N-hexane	74	0	1	0	0	-
400	Benzene	13	0	1	0	0	-
405	Boron compounds	2,300	890	4	1	130	1
407	Poly(oxyethylene) alkyl ether (alkyl C=12-15)	6,000	13,000	2	0	0	-
408	Poly(oxyethylene) octylphenyl ether	61	6,000	1	0	0	-
410	Poly(oxyethylene) nonylphenyl ether	370	0	3	0	1,100	1
411	Formaldehyde	0	0	1	0	0	-
412	Manganese and its compounds	2,900	61,000	9	590	74,000	6
438	Methylnaphthalene	0	4,800	1	720	0	1
448	Methylenebis (4,1-phenylene) diisocyanate	0	0	1	0	0	-
453	Molybdenum and its compounds	1,400	19,000	6	440	8,000	1
460	Tritolyl phosphate	1	0	2	0	0	-