

Flow of Substances Subject to PRTR at Brother Industries, Ltd. (FY2008-FY2012)

Substance No.	Chemical Substance Name	(t/year)					(t/year)					(t/year)				
		Handled Amount					Transferred or Released Amount					Consumed Amount				
		FY2008	FY2009	FY2010	FY2011	FY2012	FY2008	FY2009	FY2010	FY2011	FY2012	FY2008	FY2009	FY2010	FY2011	FY2012
1	Zinc compounds (water-soluble)	0.011	0.002	0.001	0.001	0.010	0.011	0.002	0.001	0.001	0.010	0.002	0.000	0.000	0.000	
4	Acrylic acid	0.000	0.000	—	—	—	0.000	0.000	—	—	—	0.000	0.000	—	—	
13	Acetonitrile	0.001	0.002	0.019	0.021	0.027	0.001	0.002	0.019	0.021	0.027	0.000	0.000	0.000	0.000	0.000
20	2-Aminoethanol	0.076	0.059	0.056	0.025	0.184	0.076	0.059	0.056	0.025	0.184	0.000	0.000	0.000	0.000	0.000
30	n-Alkylbenzenesulfonic acid and its salts (alkyl C=10-14)null	0.001	—	0.018	0.313	0.374	0.000	—	0.001	0.000	0.000	0.001	—	0.017	0.313	0.374
31	Antimony and its compounds	0.000	0.001	—	0.001	0.400	0.000	0.001	—	0.001	0.400	0.000	0.000	—	0.000	0.000
37	4,4'-Isopropylidenediphenol	0.000	—	—	0.004	0.008	0.000	—	—	0.003	0.003	0.000	—	—	0.001	0.004
47	O-Ethyl=O-(6-nitro-m-tolyl)=sec-butyl phosphoramidothioate	—	—	—	0.001	0.000	—	—	—	0.001	0.000	—	—	—	0.000	0.000
53	Ethylbenzene	0.064	0.260	0.008	—	0.000	0.012	0.000	0.000	—	0.000	0.027	0.012	0.000	—	0.000
58	Ethylene glycol monomethyl ether	—	0.002	0.001	0.001	0.000	—	0.000	0.000	0.001	0.000	—	0.002	0.001	0.000	0.000
68	1,2-Epoxypropane	—	—	—	0.001	0.000	—	—	—	0.001	0.000	—	—	—	0.000	0.000
69	2,3-Epoxypropylphenyl ether	—	—	—	0.002	0.000	—	—	—	0.002	0.000	—	—	—	0.000	0.000
71	Ferric chloride	—	—	4.460	3.081	0.000	—	—	0.000	0.000	0.000	—	—	4.460	3.081	0.000
73	1-Octanol	0.000	—	—	—	—	0.000	—	—	—	—	0.000	—	—	—	—
80	Xylene	0.037	0.037	0.037	0.007	0.012	0.037	0.037	0.002	0.007	0.012	0.037	0.037	0.036	0.000	0.000
82	Silver and its water-soluble compounds	0.000	0.029	0.023	0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.029	0.023	0.010	0.000
99	Ethyl chloroacetate	—	—	—	—	0.001	—	—	—	—	0.001	—	—	—	—	0.000
133	2-Ethoxyethyl acetate	0.004	—	—	—	—	0.004	—	—	—	—	0.000	—	—	—	—
145	2-(diethylamino)ethanol	—	—	—	—	0.000	—	—	—	—	0.000	—	—	—	—	0.000
157	1,2-dichloroethane	0.000	—	—	—	—	—	—	—	—	—	—	—	—	—	—
169	3-(3,4-Dichlorophenyl)-1,1-dimethylurea; diuron; DCMU	0.000	—	—	—	—	0.000	—	—	—	—	0.000	—	—	—	—
172	3-[1-(3,5-Dichlorophenyl)-1-methylethyl]-3,4-dihydro-6-methyl-5-phenyl-2H-1,3-oxazin-4-one	—	—	—	0.005	0.100	—	—	—	0.005	0.100	—	—	—	0.000	0.000
186	Dichloromethane	0.000	—	—	—	—	0.000	—	—	—	—	0.000	—	—	—	—
200	Dinitrotoluene	—	—	—	0.006	0.000	—	—	—	0.006	0.000	—	—	—	0.000	0.000
207	2,6-Di-tert-butyl-4-cresol	—	—	—	0.006	0.000	—	—	—	0.006	0.000	—	—	—	0.000	0.000
227	1,1'-Dimethyl-4,4'-bipyridinium=dichloride	—	—	—	0.002	0.000	—	—	—	0.002	0.000	—	—	—	0.000	0.000
232	N,N-dimethylformamide	—	0.002	—	0.005	0.000	—	0.002	—	0.005	0.000	—	0.000	—	0.000	0.000
240	Styrene	0.001	—	—	—	0.100	0.000	—	—	—	0.100	0.001	—	—	—	0.000
272	Copper salts (water-soluble, except complex salts)	0.000	—	—	0.004	0.000	0.000	—	—	0.004	0.000	0.000	—	—	0.000	0.000
275	Sodium dodecyl sulfate	—	—	0.044	0.041	0.057	—	—	0.000	0.000	0.010	—	—	0.044	0.041	0.047
297	1,3,5-trimethylbenzene	0.011	—	—	—	—	0.000	—	—	—	—	0.011	—	—	—	—
299	o-Toluidine	—	—	—	—	0.000	—	—	—	—	0.000	—	—	—	—	0.000
300	Toluene	30.582	34.667	35.663	38.004	31.118	2.108	1.819	2.165	2.363	2.222	0.175	0.076	0.055	0.000	0.000
304	Lead and its compounds	2.168	1.345	0.042	0.035	0.072	0.001	0.000	0.000	0.017	0.000	2.168	1.345	0.042	0.017	0.072
308	Nickel	—	—	—	—	0.000	—	—	—	—	0.000	—	—	—	—	0.000
309	Nickel compounds	0.045	0.081	0.042	0.037	0.040	0.045	0.081	0.042	0.037	0.040	0.006	0.000	0.000	0.000	0.000
321	Vanadium compounds	—	—	—	—	0.022	—	—	—	—	0.022	—	—	—	—	0.000
336	Hydroquinone	0.000	—	—	—	—	0.000	—	—	—	—	0.000	—	—	—	—
349	Phenol	0.001	0.005	—	—	—	0.001	0.005	—	—	—	0.000	0.000	—	—	—
354	Di-n-butyl phthalate	0.000	0.000	0.008	0.006	0.004	0.000	0.000	0.000	0.006	0.004	0.000	0.000	0.008	0.000	0.000
374	Hydrogen fluoride and its water-soluble salts	—	—	—	0.003	0.000	—	—	—	0.003	0.000	—	—	—	0.000	0.000
400	Benzene	0.026	0.005	0.005	—	—	0.000	0.000	0.000	—	—	0.026	0.005	0.005	—	—
405	Boron and its compounds	0.014	0.018	0.021	0.013	0.007	0.012	0.015	0.018	0.013	0.007	0.002	0.003	0.003	0.000	0.000
407	Poly(oxyethylene) alkyl ether (alkyl C=12-15)null	0.029	0.010	0.010	0.013	0.004	0.029	0.010	0.010	0.013	0.004	0.005	0.000	0.000	0.000	0.000
408	Poly(oxyethylene)octylphenyl ether	0.000	—	—	—	—	0.000	—	—	—	—	0.000	—	—	—	—
409	Sodium poly(oxyethylene) dodecyl ether sulfonate	—	—	0.261	0.241	0.274	—	—	0.000	0.000	0.000	—	—	0.261	0.241	0.274
410	Poly(oxyethylene) nonylphenyl ether	0.005	0.015	0.002	0.012	0.001	0.005	0.015	0.002	0.012	0.001	0.000	0.000	0.000	0.000	0.000
411	Formaldehyde	0.000	—	—	—	—	0.000	—	—	—	—	0.000	—	—	—	—
412	Manganese and its compounds	—	—	—	—	0.010	—	—	—	—	0.010	—	—	—	—	0.000
453	Molybdenum and its compounds	0.001	—	—	—	—	0.000	—	—	—	—	0.001	—	—	—	—

* In accordance with the revision of the PRTR Law, ferric chloride has been added to, and substances out of scope of management have been excluded from, the balance sheet starting from FY2010.

