

Flow of Substances Subject to PRTR at Brother Industries, Ltd. (FY2009-FY2013)

Substance No.	Chemical Substance Name	Handled Amount (t/year)					Transferred or Released Amount (t/year)					Consumed Amount (t/year)				
		FY2009	FY2010	FY2011	FY2012	FY2013	FY2009	FY2010	FY2011	FY2012	FY2013	FY2009	FY2010	FY2011	FY2012	FY2013
1	Zinc compounds (water-soluble)	0.002	0.001	0.001	0.010	—	0.002	0.001	0.001	0.010	—	0.000	0.000	0.000	0.000	—
4	Acrylic acid	0.000	—	—	—	—	0.000	—	—	—	—	0.000	—	—	—	
13	Acetonitrile	0.002	0.019	0.021	0.027	0.034	0.002	0.019	0.021	0.027	0.034	0.000	0.000	0.000	0.000	
16	2,2'-azobisisobutyronitrile	—	—	—	—	0.000	—	—	—	—	0.000	—	—	—	0.000	
20	2-Aminoethanol	0.059	0.056	0.025	0.184	0.027	0.059	0.056	0.025	0.184	0.027	0.000	0.000	0.000	0.000	
30	n-Alkylbenzenesulfonic acid and its salts (alkyl C=10-14)	—	0.018	0.313	0.374	0.316	—	0.001	0.000	0.000	0.000	—	0.017	0.313	0.374	
31	Antimony and its compounds	0.001	—	0.001	0.400	0.003	0.001	—	0.001	0.400	0.003	0.000	—	0.000	0.000	
37	4,4'-Isopropylidenediphenol	—	—	0.004	0.008	0.057	—	—	0.003	0.003	0.052	—	—	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	0.260	0.008	—	0.000	0.001	0.000	0.000	—	0.000	0.001	0.012	0.000	—	0.000	
58	Ethylene glycol monomethyl ether	0.002	0.001	0.001	0.000	0.001	0.000	0.000	0.001	0.000	0.000	0.002	0.001	0.000	0.000	
63	1,1'-ethylene-2,2'-bipyridinium dibromide	—	—	—	—	0.009	—	—	—	—	0.009	—	—	—	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	
80	Xylene	0.037	0.037	0.007	0.012	0.001	0.037	0.002	0.007	0.012	0.001	0.037	0.036	0.000	0.000	
82	Silver and its water-soluble compounds	0.029	0.023	0.010	0.000	0.001	0.000	0.000	0.000	0.000	0.001	0.029	0.023	0.010	0.000	
87	Chromium and trivalent chromium compounds	—	—	—	—	0.000	—	—	—	—	0.000	—	—	—	0.000	
99	Ethyl chloroacetate	—	—	—	0.001	—	—	—	—	0.001	—	—	—	—	0.000	
145	2-(diethylamino)ethanol	—	—	—	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	—	—	—	—	0.006	—	—	—	—	0.000	—	—	—	0.006	
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	
224	N,N-dimethyldodecylamine N-oxide	—	—	—	—	0.002	—	—	—	—	0.002	—	—	—	0.000	
227	1,1'-Dimethyl-4,4'-bipyridinium=dichloride	—	—	0.002	0.000	0.000	—	—	0.002	0.000	0.000	—	—	0.000	0.000	
232	N,N-dimethylformamide	0.002	—	0.005	0.000	0.047	0.002	—	0.005	0.000	0.040	0.000	—	0.000	0.007	
240	Styrene	—	—	—	0.100	0.006	—	—	—	0.100	0.000	—	—	—	0.006	
266	2,3,5,6-tetrafluoro-4-methylbenzyl (Z)-3-(2-chloro-3,3,3-trifluoro-1-propenyl)-2,2-dimethylcyclopropanecarboxylate	—	—	—	—	0.002	—	—	—	—	0.002	—	—	—	0.000	
272	Copper salts (water-soluble, except complex salts)	—	—	0.004	0.000	—	—	—	0.004	0.000	—	—	—	0.000	—	
275	Sodium dodecyl sulfate	—	0.044	0.041	0.057	0.047	—	0.000	0.000	0.010	0.000	—	0.044	0.041	0.047	
283	2,4,6-trichloro-1,3,5-triazine	—	—	—	—	0.005	—	—	—	—	0.005	—	—	—	0.000	
299	o-Toluidine	—	—	—	0.000	0.006	—	—	—	0.000	0.000	—	—	—	0.006	
300	Toluene	34.667	35.663	38.004	31.118	27.408	1.819	2.165	2.363	2.222	2.222	0.076	0.055	0.000	0.000	
304	Lead and its compounds	1.345	0.042	0.035	0.072	0.076	0.000	0.000	0.017	0.000	0.004	1.345	0.042	0.017	0.072	
308	Nickel	—	—	—	0.000	0.000	—	—	—	0.000	0.000	—	—	—	0.000	
309	Nickel compounds	0.081	0.042	0.037	0.040	0.015	0.081	0.042	0.037	0.040	0.015	0.000	0.000	0.000	0.000	
321	Vanadium compounds	—	—	—	0.022	—	—	—	—	0.022	—	—	—	—	0.000	
349	Phenol	0.005	—	—	—	—	0.005	—	—	—	—	0.000	—	—	—	
354	Di-n-butyl phthalate	0.000	0.008	0.006	0.004	0.013	0.000	0.000	0.006	0.004	0.000	0.000	0.008	0.000	0.013	
374	Hydrogen fluoride and its water-soluble salts	—	—	0.003	0.000	—	—	—	0.003	0.000	—	—	—	0.000	—	
392	n-hexane	—	—	—	—	0.001	—	—	—	—	0.000	—	—	—	0.001	
400	Benzene	0.005	0.005	—	—	—	0.000	0.000	—	—	—	0.005	0.005	—	—	
405	Boron and its compounds	0.018	0.021	0.013	0.007	0.015	0.015	0.018	0.013	0.007	0.015	0.003	0.003	0.000	0.000	
407	Poly(oxyethylene) alkyl ether (alkyl C=12-15)	0.010	0.010	0.013	0.004	0.008	0.010	0.010	0.013	0.004	0.008	0.000	0.000	0.000	0.000	
409	Sodium poly(oxyethylene) dodecyl ether sulfonate	—	0.261	0.241	0.274	0.279	—	0.000	0.000	0.000	0.000	—	0.261	0.241	0.274	
410	Poly(oxyethylene) nonylphenyl ether	0.015	0.002	0.012	0.001	0.002	0.015	0.002	0.012	0.001	0.002	0.000	0.000	0.000	0.000	
412	Manganese and its compounds	—	—	—	0.010	—	—	—	—	0.010	—	—	—	—	0.000	

