

Reduction of Emissions of Solvents and Others

Since fiscal 1996, the Company has been involved in JCIA PRTR* initiatives, keeping track of the release and transfer of certain substances and setting medium-term and long-term targets for improvement, focusing particularly on reducing its air emissions of solvents. The graph on the right shows the release of solvents and other chemical substances into the air since fiscal 1999.

Since fiscal 2002, we have been moving forward with measures to reduce emissions, including the planned installation of exhaust gas treatment facilities and the implementation of



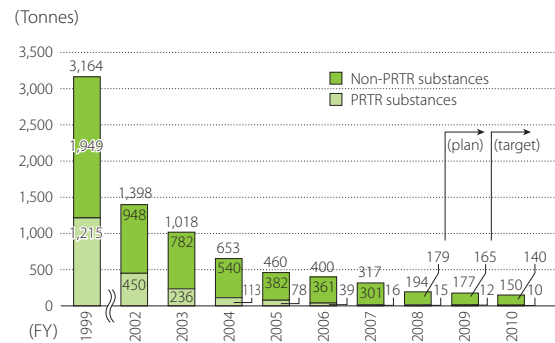
Exhaust gas treatment facilities

steps to reduce the amounts of solvents used. As a result, in fiscal 2008, we reduced emissions by approximately 94% from the fiscal 1999 level. Furthermore, the Company released 15 tonnes of chemical substances controlled by the PRTR Law* (PRTR System) into the air, approximately 99% less than in fiscal 1999.

*The Pollutant Release and Transfer Register (PRTR) system provides for measuring, compiling, and releasing data on a wide range of harmful chemical substances that have been released. Data that is collected includes the sources of the releases, the amounts released into the environment, and the amounts transported from business locations in the form of waste.

**The "Specified Chemical Substance Law" is the shortened version of "The Act on Confirmation, etc. of Release Amounts of Specific Chemical Substances in the Environment and Promotion of Improvements to the Management Thereof."

Emissions of Solvents and Others



Note: Data are compiled from all domestic business sites listed on page 11.

The amounts of the 27 PRTR Law controlled substances released and transferred by the Company are shown in the chart below.

Transfer and Release of Substances Subject to the PRTR Law (Fiscal 2008 Performance)

(Tonnes)

Government order number	Substance	Amount used (manufactured)	Amount released			Amount transferred	
			Into air	Into water	Into soil	As waste matter	As sewage
1	Zinc compounds (water-soluble)	2.0	0	0	0	0	0
15	Aniline	136	0	0	0	0.2	0
25	Antimony and its compounds	83	0	0	0	3.9	0
29	Bisphenol A	229	0	0	0	0	0
30	Bisphenol A-type epoxy resin (liquid)	183	0	0	0	0.4	0
43	Ethylene glycol	799	0	0	0	0.5	0
44	Ethylene glycol monoethyl ether	23	0	0	0	0	0
45	Ethylene glycol monomethyl ether	1.2	0	0	0	1.0	0
63	Xylene	25	0	0	0	0.8	0
64	Silver and its water-soluble compounds	15	0	0	0	0	0
67	Cresol	1,099	0	0	0	0.2	0
104	Salicylaldehyde	5.0	0	0	0	0	0
172	N,N-dimethyl formamide	433	2.8	0	0	16.1	0
176	Organic tin compounds	50	0	0	0	4.4	0
177	Styrene	9.2	0.7	0	0	0	0
198	Hexamethylenetetramine	899	0	0	0	23.9	0
202	Tetrahydromethylphthalic anhydride	129	0	0	0	0	0
207	Copper salts (water-soluble, except complex salts)	(55)	0	0.2	0	54.9	0
227	Toluene	278	8.6	0	0	22.6	0
232	Nickel compounds*	1.5	0	0	0	0.1	0
242	Nonylphenol	2.6	0	0	0	0.1	0
243	Barium and its water-soluble compounds	70	0	0	0	0	0
266	Phenol	22,591	1.7	0	0	24.6	0
272	Bis (2-ethylhexyl) phthalate	17	0	0	0	0.3	0
300	1,2,4-benzenetricarboxylic 1,2-anhydride	15	0	0	0	1.1	0
304	Boron and its compounds	12	0	0	0	0.9	0
310	Formaldehyde	11,528	1.0	0.1	0	4.6	0
		(9,224)	0.1	0	0	2.0	0

* Specific Class 1 designated chemical substances (others are Class 1 designated chemical substances)