



Chemical and Product Safety

→ Emission and Transfer of PRTR substances (ton/fiscal year)^{※1} (Daicel Corporation FY2013)

No. (PRTR Law)	Name of Chemical Compound	Total amount released	Released				Transferred to sewage	Transferred to outside of workplaces
			into the air	into public water	into soil	Landfilled within workplaces		
9	Acrylonitrile	0.3	0.3	0.0	0.0	0.0	0.0	0.0
10	Acrolein	3.2	1.1	2.1	0.0	0.0	0.0	0.0
12	Acetaldehyde	2.0	0.6	1.4	0.0	0.0	0.0	0.0
28	Allyl alcohol	2.5	0.0	2.5	0.0	0.0	0.0	0.0
56	Ethylene oxide	0.9	0.3	0.6	0.0	0.0	0.0	0.0
58	Ethylene glycol monomethyl ether	0.4	0.0	0.4	0.0	0.0	0.0	0.0
67	2, 3-Epoxy-1-propanol	9.1	0.0	9.1	0.0	0.0	0.0	0.0
135	2-methoxyethyl acetate	0.1	0.0	0.1	0.0	0.0	0.0	0.0
161	CFC-12	2.7	2.7	0.0	0.0	0.0	0.0	0.0
186	Dichloromethane	0.5	0.5	0.0	0.0	0.0	0.0	5.0
240	Styrene	4.8	4.8	0.0	0.0	0.0	0.0	0.0
243	Dioxins and dioxin-like compounds ^{※2}	4.5	0.4	4.1	0.0	0.0	0.0	4.3
277	Triethylamine	0.7	0.5	0.3	0.0	0.0	0.0	0.1
300	Toluene	37.2	37.2	0.0	0.0	0.0	0.0	47.2
308	Nickel	0.2	0.0	0.2	0.0	0.0	0.0	3.3
342	Pyridine	6.4	0.1	6.3	0.0	0.0	0.0	0.3
351	1,3-Butadiene	0.1	0.1	0.0	0.0	0.0	0.0	0.0
375	2-Butenal	0.6	0.0	0.6	0.0	0.0	0.0	0.0
384	1-Bromopropane	2.0	2.0	0.0	0.0	0.0	0.0	0.0
392	n-Hexane	4.8	4.2	0.6	0.0	0.0	0.0	18.0
400	Benzene	9.3	9.1	0.2	0.0	0.0	0.0	0.7
405	Boron compounds	2.1	0.0	2.1	0.0	0.0	0.0	0.0
423	Methylamine	0.4	0.0	0.4	0.0	0.0	0.0	0.0
439	3-Methylpyridine	3.1	0.0	3.1	0.0	0.0	0.0	0.0
	Others ^{※3}	0.2	0.1	0.2	0.0	0.0	0.0	4.4

Note 1: The threshold for amounts handled was 1 ton/fiscal year/workplace.

Note 2: The unit used for measurement of dioxin emissions is mg-TEQ/year.

Note 3: Substances emitted at levels less than 1 kg/year are included under "Others."