

PRTR Data for Individual Sites (FY2024)

We have calculated the top ten PRTR substances emitted by Mitsui Chemicals at each of our Works (substances handled in annual volumes of at least one ton), and figures for dioxins.

Unit: Tons/year (Dioxins: mg-TEQ/year)

Ichihara Works

Substance	Ordinance designation number	Emitted			
		Air	Water	Soil	Total
n-Hexane	1-436	109.87	0.00	0.00	109.87
Cumene	1-106	24.25	0.01	0.00	24.26
Toluene	1-347	19.29	0.01	0.00	19.29
Xylene	1-103	8.17	0.01	0.00	8.17
Ethylbenzene	1-073	4.43	0.00	0.00	4.43
Epichlorohydrin	1-086	4.27	0.00	0.00	4.27
1-Hexene	1-439	2.76	0.00	0.00	2.76
Benzene	1-452	2.65	0.01	0.00	2.66
Methyl isobutyl ketone	1-472	2.31	0.00	0.00	2.31
Phenol	1-391	0.77	0.14	0.00	0.91

Mobara Branch Factory

Substance	Ordinance designation number	Emitted			
		Air	Water	Soil	Total
Heptane	1-442	0.03	0.00	0.00	0.03
Acrylic acid and its water-soluble salts	1-006	0.02	0.00	0.00	0.02
Toluene	1-347	0.01	0.00	0.00	0.01
Xylene	1-103	0.01	0.00	0.00	0.01
Trimethylbenzene	1-342	0.01	0.00	0.00	0.01
Ethylbenzene	1-073	0.00	0.00	0.00	0.00
Styrene	1-275	0.00	0.00	0.00	0.00
Methyl methacrylate	1-469	0.00	0.00	0.00	0.00
Butyl acrylate	1-009	0.00	0.00	0.00	0.00
Dibutyl phthalate	1-395	0.00	0.00	0.00	0.00

Nagoya Works

Substance	Ordinance designation number	Emitted			
		Air	Water	Soil	Total
Toluene	1-347	5.91	0.00	0.00	5.91
Cyclohexane	1-176	1.36	0.00	0.00	1.36
1,2-epoxypropane	1-088	1.15	1.60	0.00	2.74
Xylene	1-103	0.85	0.00	0.00	0.85
Ethylbenzene	1-073	0.85	0.00	0.00	0.85
Styrene	1-275	0.29	0.11	0.00	0.39
Ethylene oxide	1-075	0.14	0.12	0.00	0.26
N,N-Dimethylformamide	1-264	0.08	0.00	0.00	0.08
Methyl acrylate	1-010	0.04	0.00	0.00	0.04
Butyl acrylate	1-009	0.02	0.00	0.00	0.02

Osaka Works

Substance	Ordinance designation number	Emitted			
		Air	Water	Soil	Total
Cumene	1-106	7.70	0.00	0.00	7.70
Benzene	1-452	5.49	0.01	0.00	5.50
Dicyclopentadiene	1-217	4.61	0.00	0.00	4.61
Acrylonitrile	1-011	1.52	0.01	0.00	1.52
Toluene	1-347	1.49	0.00	0.00	1.49
α -Methylstyrene	1-482	1.09	0.00	0.00	1.09
Trichlorofluoromethane	1-330	1.06	0.00	0.00	1.06
Ethylene oxide	1-075	1.03	0.00	0.00	1.03
Methyl methacrylate	1-469	1.00	0.00	0.00	1.00
Styrene	1-275	0.89	0.00	0.00	0.90
Dioxins	1-278	0.00	0.03	0.00	0.03

Iwakuni-Ohtake Works

Substance	Ordinance designation number	Emitted			
		Air	Water	Soil	Total
n-Hexane	1-436	89.92	0.00	0.00	89.92
Methyl isobutyl ketone	1-472	30.84	0.00	0.00	30.84
Toluene	1-347	8.26	0.04	0.00	8.30
Cyclohexane	1-176	2.09	0.00	0.00	2.09
Trimethylbenzene	1-342	0.48	0.00	0.00	0.48
Acetaldehyde	1-017	0.47	0.00	0.00	0.47
Ethylbenzene	1-073	0.47	0.00	0.00	0.47
Cumene	1-106	0.20	0.00	0.00	0.20
Xylene	1-103	0.17	0.00	0.00	0.17
Tetrahydrofuran	1-302	0.16	0.00	0.00	0.16
Dioxins	1-278	0.00	0.04	0.00	0.04

Tokuyama Branch Factory

Substance	Ordinance designation number	Emitted			
		Air	Water	Soil	Total
1,2-Epoxypropane	1-088	2.86	0.00	0.00	2.86
Ethylene oxide	1-075	0.14	0.00	0.00	0.14
Methylnaphthalene	1-486	0.09	0.00	0.00	0.09
Ethylenediamine	1-079	0.03	0.00	0.00	0.03
Styrene	1-275	0.00	0.00	0.00	0.00

Omuta Works

Substance	Ordinance designation number	Emitted			
		Air	Water	Soil	Total
Toluene	1-347	220.94	0.29	0.00	221.23
Chloric acid, potassium salt, and sodium salt	1-091	0.00	60.00	0.00	60.00
Cyclohexane	1-176	42.02	0.00	0.00	42.02
Dichlorobenzene	1-208	41.70	0.44	0.00	42.14
Epichlorohydrin	1-086	7.91	0.00	0.00	7.91
Triethylamine	1-321	1.61	0.56	0.00	2.18
Phenol	1-391	0.90	0.00	0.00	0.90
Xylene	1-103	0.41	0.00	0.00	0.41
Ethylbenzene	1-073	0.37	0.00	0.00	0.37
Benzene	1-452	0.24	0.00	0.00	0.24
Dioxins	1-278	0.00	2.84	0.00	2.84

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Substance	Ordinance designation number	Emitted			
		Air	Water	Soil	Total
Dichloromethane	1-213	0.07	0.00	0.00	0.07
Methylenebis(4,1-phenylene) diisocyanate	1-498	0.00	0.00	0.00	0.00