PRTR Data for Individual Sites (FY2022)

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				Transferred	
		Air	Water	Soil	Total	Sewage	Off-site
N-Hexane	392	159.20	0.00	0.00	159.20	0.00	25.49
Toluene	300	21.61	0.01	0.00	21.62	0.00	6.13
Xylene	80	10.34	0.01	0.00	10.34	0.00	0.14
Cumene	83	9.59	0.01	0.00	9.59	0.00	0.00
Ethylbenzene	53	6.14	0.00	0.00	6.14	0.00	0.41
Epichlorohydrin	65	4.54	0.00	0.00	4.54	0.00	0.00
Benzene	400	2.48	0.01	0.00	2.49	0.00	0.82
Phenol	349	0.77	0.15	0.00	0.91	0.00	0.27
1,2,4-Trimethylbenzene	296	0.39	0.00	0.00	0.39	0.00	0.00
Dicyclopentadiene	190	0.38	0.00	0.00	0.38	0.00	0.00

Mobara Branch Factory

Substance	Ordinance designation number	Emitted				Transferred	
		Air	Water	Soil	Total	Sewage	Off-site
Styrene	240	0.18	0.00	0.00	0.18	0.00	9.73
Methyl methacrylate	420	0.12	0.00	0.00	0.12	0.00	37.52
N-Butyl acrylate	7	0.02	0.00	0.00	0.02	0.00	0.38
Acrylic acid	4	0.02	0.00	0.00	0.02	0.00	0.00
N-Butyl methacrylate	419	0.02	0.00	0.00	0.02	0.00	0.38
Xylene	80	0.01	0.00	0.00	0.01	0.00	80.77

Nagoya Works

Substance	Ordinance designation number	Emitted				Transferred	
		Air	Water	Soil	Total	Sewage	Off-site
Acrylonitrile	9	0.01	15.96	0.00	15.97	15.96	67.71
1,2-Epoxypropane	68	1.03	1.35	0.00	2.37	1.35	0.17
Poly (Oxyethylene) Alkyl ether (Alkyl C=12-15)	407	2.33	0.00	0.00	2.33	0.00	0.05
Toluene	300	1.35	0.00	0.00	1.35	0.00	67.73
Styrene	240	0.29	0.10	0.00	0.39	0.10	2.88
Ethylbenzene	53	0.29	0.00	0.00	0.29	0.00	5.69
Xylene	80	0.29	0.00	0.00	0.29	0.00	5.69
Ethylene oxide	56	0.12	0.10	0.00	0.22	0.10	0.04
N,N-Dimethylformamide	232	0.01	0.00	0.00	0.01	0.00	5.17
Phenol	349	0.00	0.00	0.00	0.00	0.00	101.28

Osaka Works

Substance	Ordinance designation number	Emitted				Transferred	
		Air	Water	Soil	Total	Sewage	Off-site
Cumene	83	14.77	0.00	0.00	14.77	0.00	0.00
Dicyclopentadiene	190	7.01	0.00	0.00	7.01	0.00	0.17
Acrylonitrile	9	0.00	3.27	0.00	3.27	0.00	0.15
Styrene	240	2.85	0.00	0.00	2.85	0.00	2.80
α-Methylstyrene	436	2.04	0.00	0.00	2.04	0.00	7.71
Toluene	300	1.89	0.00	0.00	1.89	0.00	0.11
Methyl methacrylate	420	1.84	0.00	0.00	1.85	0.00	3.72
Benzene	400	1.44	0.01	0.00	1.45	0.00	6.25
Phenol	349	1.45	0.00	0.00	1.45	0.00	11.81
Ethylbenzene	53	0.72	0.00	0.00	0.72	0.00	0.00
Dioxins	243	0.00	0.02	0.00	0.02	0.00	0.01

Iwakuni-Ohtake Works

Substance	Ordinance designation number	Emitted				Transferred	
		Air	Water	Soil	Total	Sewage	Off-site
N-Hexane	392	108.23	0.00	0.00	108.23	0.00	0.00
Toluene	300	23.42	0.06	0.00	23.48	0.00	0.00
Xylene	80	22.77	0.00	0.00	22.77	0.00	0.00
1,4- Dioxane	150	0.00	5.37	0.00	5.37	0.00	0.00
Bromomethane	386	4.37	0.00	0.00	4.37	0.00	0.00
Benzene	400	2.64	0.00	0.00	2.64	0.00	0.00
Acetaldehyde	12	0.85	0.00	0.00	0.85	0.00	0.00
Cumene	83	0.46	0.00	0.00	0.46	0.00	0.00
Phenol	349	0.01	0.39	0.00	0.40	0.00	0.00
1,3,5-Trimethylbenzene	297	0.23	0.00	0.00	0.23	0.00	0.00
Dioxins	243	0.02	1.26	0.00	1.27	0.00	0.00

Tokuyama Branch Factory

Substance	Ordinance designation number	Emitted				Transferred	
		Air	Water	Soil	Total	Sewage	Off-site
1,2 - Epoxypropane	68	3.60	0.00	0.00	3.60	0.00	0.00
Ethylene oxide	56	0.11	0.00	0.00	0.11	0.00	0.00
Methylnaphthalene	438	0.09	0.00	0.00	0.09	0.00	0.00
Ethylenediamine	59	0.02	0.00	0.00	0.02	0.00	0.00
Styrene	240	0.00	0.00	0.00	0.00	0.00	5.00
Toluenediamine	301	0.00	0.00	0.00	0.00	0.00	0.00

Omuta Works

Substance	Ordinance designation number	Emitted				Transferred	
		Air	Water	Soil	Total	Sewage	Off-site
Toluene	300	240.07	0.27	0.00	240.34	0.00	665.17
Dichlorobenzene	181	33.75	0.40	0.00	34.15	0.00	337.05
Toluene	300	16.72	0.00	0.00	16.72	0.00	0.00
Dicyclopentadiene	190	14.46	0.00	0.00	14.46	0.00	5.94
Formaldehyde	411	0.00	12.13	0.00	12.13	0.00	0.70
3-Chloro-2-Methyl-1-Propene	131	11.48	0.00	0.00	11.48	0.00	6.90
Epichlorohydrin	65	6.98	0.00	0.00	6.98	0.00	0.00
Triethylamine	277	2.69	0.00	0.00	2.69	0.00	8.54
Phenol	349	1.61	0.00	0.00	1.61	0.00	0.86
Acetonitrile	13	0.00	0.55	0.00	0.55	0.00	0.00
Dioxins	243	0.00	1.59	0.00	1.59	0.00	0.00

VISION HUB™ SODEGAURA

Substance	Ordinance designation number	Emitted				Transferred	
		Air	Water	Soil	Total	Sewage	Off-site
Dichlorobenzene	181	0.12	0.00	0.00	0.12	0.00	1.43
Dichloromethane	186	0.06	0.00	0.00	0.06	0.00	1.01
Toluene	300	0.01	0.00	0.00	0.01	0.00	1.19
Tolylene Diisocyanate	298	0.00	0.00	0.00	0.00	0.00	1.08
Methylenebis(4,1-phenylene) diisocyanate	448	0.00	0.00	0.00	0.00	0.00	1.67