

INPUT⇒OUTPUT Data (FY2023)

Mitsui Chemicals Group

INPUT		Mitsui Chemicals Group	OUTPUT	
Energy			Products, etc.	
Energy consumption (PJ)	77.8		Products shipped (thousand tons)	5,542
Purchased materials			Atmospheric emissions	
Raw materials (thousand tons)	5,983		GHG (thousand tons)	4,587
Purchased materials (thousand tons)	55		Scope1 (thousand tons)	3,675
			Scope2 (thousand tons)	912
Water resources			Fluorocarbons (tons)	4
Water withdrawal (million m³)	528.0		NOx (tons)	2,725
Surface water (million m³)	1.9		SOx (tons)	523
Groundwater (million m³)	1.7		Hazardous air pollutants (tons)	12
Seawater (million m³)	430.5		VOC (tons)	2,347
Produced water (million m³)	0.0		Soot and dust (tons)	98
Third-party water (million m³)	93.8		Industrial waste	
(Recycled water) (million m³)	1,718.5		Waste sent off-site (thousand tons)	162.0
			Offsite recycling (thousand tons)	118.9
			Total landfilling (thousand tons)	1.9
			Wastewater	
			COD, BOD (tons)	980
			Total nitrogen (tons)	799
		Total phosphorous (tons)	15	
		Effluent (million m³)	491.5	
		Wastewater treatment (million m³)	32.3	

Mitsui Chemicals, Inc.

INPUT		Mitsui Chemicals, Inc.	OUTPUT	
Energy			Products, etc.	
Energy consumption (PJ)	67.8		Products shipped (thousand tons)	3,770
Purchased materials			Atmospheric emissions	
Raw materials (thousand tons)	4,168		GHG (thousand tons)	4,071
Purchased materials (thousand tons)	33		Scope1 (thousand tons)	3,537
			Scope2 (thousand tons)	534
Water resources			Fluorocarbons (tons)	3
Water withdrawal (million m³)	500.8		NOx (tons)	2,599
Surface water (million m³)	0.0		SOx (tons)	483
Groundwater (million m³)	0.5		Hazardous air pollutants (tons)	12
Seawater (million m³)	413.9		VOC (tons)	1,443
Produced water (million m³)	0.0		Soot and dust (tons)	46
Third-party water (million m³)	86.4		Industrial waste	
(Recycled water) (million m³)	1,576.6		Waste sent off-site (thousand tons)	86.4
			Offsite recycling (thousand tons)	67.1
			Total landfilling (thousand tons)	0.7
			Wastewater	
			COD, BOD (tons)	723
			Total nitrogen (tons)	799
		Total phosphorous (tons)	15	
		Effluent (million m³)	466.7	
		Wastewater treatment (million m³)	32.3	

Domestic Subsidiaries & Affiliates

INPUT		Domestic Subsidiaries & Affiliates	OUTPUT	
Energy			Products, etc.	
Energy consumption (PJ)	5.3		Products shipped (thousand tons)	495
Purchased materials			Atmospheric emissions	
Raw materials (thousand tons)	458		GHG (thousand tons)	263
Purchased materials (thousand tons)	8		Scope1 (thousand tons)	117
			Scope2 (thousand tons)	146
Water resources			Fluorocarbons (tons)	0
Water withdrawal (million m³)	25.2		NOx (tons)	95
Surface water (million m³)	1.9		SOx (tons)	17
Groundwater (million m³)	1.2		VOC (tons)	657
Seawater (million m³)	16.6		Soot and dust (tons)	3
Produced water (million m³)	0.0		Industrial waste	
Third-party water (million m³)	5.4		Waste sent off-site (thousand tons)	40.4
(Recycled water) (million m³)	120.1		Offsite recycling (thousand tons)	24.3
			Total landfilling (thousand tons)	0.4
			Wastewater	
			COD, BOD (tons)	53
			Effluent (million m³)	24.2

Overseas Subsidiaries & Affiliates

INPUT		Overseas Subsidiaries & Affiliates	OUTPUT	
Energy			Products, etc.	
Energy consumption (PJ)	4.8		Products shipped (thousand tons)	1,276
Purchased materials			Atmospheric emissions	
Raw materials (thousand tons)	1,357		GHG (thousand tons)	254
Purchased materials (thousand tons)	14		Scope1 (thousand tons)	22
			Scope2 (thousand tons)	232
Water resources			Fluorocarbons (tons)	1
Water withdrawal (million m³)	2.0		NOx (tons)	31
Surface water (million m³)	0.0		SOx (tons)	24
Groundwater (million m³)	0.0		VOC (tons)	247
Seawater (million m³)	0.0		Soot and dust (tons)	49
Produced water (million m³)	0.0		Industrial waste	
Third-party water (million m³)	2.0		Waste sent off-site (thousand tons)	35.2
(Recycled water) (million m³)	21.8		Offsite recycling (thousand tons)	27.5
			Total landfilling (thousand tons)	0.8
			Wastewater	
			COD, BOD (tons)	204
			Effluent (million m³)	0.6

Ichihara Works

INPUT		Ichihara Works	OUTPUT	
Energy			Products, etc.	
Energy consumption (PJ)	25.2		Products shipped (thousand tons)	1,465
Purchased materials			Atmospheric emissions	
Raw materials (thousand tons)	1,487		GHG (thousand tons)	1,330
Purchased materials (thousand tons)	6		Scope1 (thousand tons)	1,295
			Scope2 (thousand tons)	35
Water resources			Fluorocarbons (tons)	1
Water withdrawal (thousand m³)	362,737		NOx (tons)	792
Surface water (thousand m³)	0		SOx (tons)	294
Groundwater (thousand m³)	77		Hazardous air pollutants (tons)	3
Seawater (thousand m³)	342,292		VOC (tons)	456
Produced water (thousand m³)	0		Soot and dust (tons)	9
Third-party water (thousand m³)	20,368		Industrial waste	
(Recycled water) (thousand m³)	387,063		Waste sent off-site (thousand tons)	13.7
			Offsite recycling (thousand tons)	4.9
			Total landfilling (thousand tons)	0.0
			Wastewater	
			COD, BOD (tons)	54
			Total nitrogen (tons)	20
			Total phosphorous (tons)	1
			Effluent (million m³)	347,916
			Wastewater treatment (million m³)	5,624

Mobara Branch Factory

INPUT		Mobara Branch Factory	OUTPUT	
Energy			Products, etc.	
Energy consumption (PJ)	0.6		Products shipped (thousand tons)	50
Purchased materials			Atmospheric emissions	
Raw materials (thousand tons)	47		GHG (thousand tons)	30
Purchased materials (thousand tons)	1		Scope1 (thousand tons)	19
			Scope2 (thousand tons)	11
Water resources			Fluorocarbons (tons)	0
Water withdrawal (thousand m³)	813		NOx (tons)	16
Surface water (thousand m³)	0		SOx (tons)	0
Groundwater (thousand m³)	393		Hazardous air pollutants (tons)	0
Seawater (thousand m³)	0		VOC (tons)	16
Produced water (thousand m³)	0		Soot and dust (tons)	0
Third-party water (thousand m³)	420		Industrial waste	
(Recycled water) (thousand m³)	20,571		Waste sent off-site (thousand tons)	2.4
			Offsite recycling (thousand tons)	0.9
			Total landfilling (thousand tons)	0.2
			Wastewater	
			COD, BOD (tons)	11
			Total nitrogen (tons)	3
			Total phosphorous (tons)	2
			Effluent (million m³)	603
			Wastewater treatment (million m³)	307

Nagoya Works

INPUT		Nagoya Works	OUTPUT	
Energy			Products, etc.	
Energy consumption (PJ)	0.7		Products shipped (thousand tons)	44
Purchased materials			Atmospheric emissions	
Raw materials (thousand tons)	48		GHG (thousand tons)	33
Purchased materials (thousand tons)	3		Scope1 (thousand tons)	9
			Scope2 (thousand tons)	24
Water resources			Fluorocarbons (tons)	0
Water withdrawal (thousand m³)	1,583		NOx (tons)	2
Surface water (thousand m³)	0		SOx (tons)	0
Groundwater (thousand m³)	0		Hazardous air pollutants (tons)	0
Seawater (thousand m³)	0		VOC (tons)	23
Produced water (thousand m³)	0		Soot and dust (tons)	0
Third-party water (thousand m³)	1,583		Industrial waste	
(Recycled water (thousand m³))	2,093		Waste sent off-site (thousand tons)	5.4
			Offsite recycling (thousand tons)	3.7
			Total landfilling (thousand tons)	0.0
			Wastewater	
			COD, BOD (tons)	0
			Total nitrogen (tons)	0
			Total phosphorous (tons)	0
			Effluent (million m³)	2,179
			Wastewater treatment (million m³)	0

Osaka Works

INPUT		Osaka Works	OUTPUT	
Energy			Products, etc.	
Energy consumption (PJ)	27.6		Products shipped (thousand tons)	1,700
Purchased materials			Atmospheric emissions	
Raw materials (thousand tons)	2,079		GHG (thousand tons)	1,656
Purchased materials (thousand tons)	13		Scope1 (thousand tons)	1,519
			Scope2 (thousand tons)	138
Water resources			Fluorocarbons (tons)	1
Water withdrawal (thousand m³)	71,062		NOx (tons)	948
Surface water (thousand m³)	0		SOx (tons)	23
Groundwater (thousand m³)	0		Hazardous air pollutants (tons)	7
Seawater (thousand m³)	50,334		VOC (tons)	63
Produced water (thousand m³)	0		Soot and dust (tons)	9
Third-party water (thousand m³)	20,728		Industrial waste	
(Recycled water) (thousand m³)	731,850		Waste sent off-site (thousand tons)	8.0
			Offsite recycling (thousand tons)	6.4
			Total landfilling (thousand tons)	0.0
			Wastewater	
			COD, BOD (tons)	221
			Total nitrogen (tons)	352
			Total phosphorous (tons)	5
			Effluent (million m³)	59,286
			Wastewater treatment (million m³)	8,952

Iwakuni-Ohtake Works

INPUT		Iwakuni-Ohtake Works	OUTPUT	
Energy			Products, etc.	
Energy consumption (PJ)	6.3		Products shipped (thousand tons)	247
Purchased materials			Atmospheric emissions	
Raw materials (thousand tons)	259		GHG (thousand tons)	470
Purchased materials (thousand tons)	1		Scope1 (thousand tons)	308
			Scope2 (thousand tons)	162
Water resources			Fluorocarbons (tons)	1
Water withdrawal (thousand m³)	48,961		NOx (tons)	300
Surface water (thousand m³)	0		SOx (tons)	161
Groundwater (thousand m³)	0		Hazardous air pollutants (tons)	1
Seawater (thousand m³)	21,272		VOC (tons)	435
Produced water (thousand m³)	0		Soot and dust (tons)	10
Third-party water (thousand m³)	27,689		Industrial waste	
(Recycled water (thousand m³))	209,809		Waste sent off-site (thousand tons)	5.7
			Offsite recycling (thousand tons)	5.7
			Total landfilling (thousand tons)	0.0
			Wastewater	
			COD, BOD (tons)	117
			Total nitrogen (tons)	26
			Total phosphorous (tons)	5
			Effluent (million m³)	47,074
			Wastewater treatment (million m³)	12,676

Tokuyama Branch Factory

INPUT		Tokuyama Branch Factory	OUTPUT	
Energy			Products, etc.	
Energy consumption (PJ)	0.1		Products shipped (thousand tons)	33
Purchased materials			Atmospheric emissions	
Raw materials (thousand tons)	34		GHG (thousand tons)	6
Purchased materials (thousand tons)	1		Scope1 (thousand tons)	4
			Scope2 (thousand tons)	2
Water resources			Fluorocarbons (tons)	0
Water withdrawal (thousand m³)	5,036		NOx (tons)	2
Surface water (thousand m³)	0		SOx (tons)	1
Groundwater (thousand m³)	0		Hazardous air pollutants (tons)	0
Seawater (thousand m³)	0		VOC (tons)	4
Produced water (thousand m³)	0		Soot and dust (tons)	0
Third-party water (thousand m³)	5,036		Industrial waste	
(Recycled water) (thousand m³)	0		Waste sent off-site (thousand tons)	4.2
			Offsite recycling (thousand tons)	3.0
			Total landfilling (thousand tons)	0.0
			Wastewater	
			COD, BOD (tons)	12
			Total nitrogen (tons)	0
			Total phosphorous (tons)	0
			Effluent (million m³)	4,902
			Wastewater treatment (million m³)	0

Omuta Works

INPUT		Omuta Works	OUTPUT	
Energy			Products, etc.	
Energy consumption (PJ)	7.1		Products shipped (thousand tons)	232
Purchased materials			Atmospheric emissions	
Raw materials (thousand tons)	214		GHG (thousand tons)	534
Purchased materials (thousand tons)	7		Scope1 (thousand tons)	380
			Scope2 (thousand tons)	154
Water resources			Fluorocarbons (tons)	1
Water withdrawal (thousand m³)	10,474		NOx (tons)	538
Surface water (thousand m³)	0		SOx (tons)	5
Groundwater (thousand m³)	0		Hazardous air pollutants (tons)	0
Seawater (thousand m³)	0		VOC (tons)	446
Produced water (thousand m³)	0		Soot and dust (tons)	18
Third-party water (thousand m³)	10,474		Industrial waste	
(Recycled water (thousand m³))	225,213		Waste sent off-site (thousand tons)	46.0
			Offsite recycling (thousand tons)	42.1
			Total landfilling (thousand tons)	0.4
			Wastewater	
			COD, BOD (tons)	309
			Total nitrogen (tons)	397
			Total phosphorous (tons)	2
			Effluent (million m³)	4,675
			Wastewater treatment (million m³)	4,675

VISION HUB™ SODEGAURA

INPUT		VISION HUB™ SODEGAURA (R&D Center)	OUTPUT	
Energy			Products, etc.	
Energy consumption (PJ)	0.2		Products shipped (thousand tons)	0
Purchased materials			Atmospheric emissions	
Raw materials (thousand tons)	0		GHG (thousand tons)	10
Purchased materials (thousand tons)	0		Scope1 (thousand tons)	3
			Scope2 (thousand tons)	7
Water resources			Fluorocarbons (tons)	0
Water withdrawal (thousand m³)	94		NOx (tons)	0
Surface water (thousand m³)	0		SOx (tons)	0
Groundwater (thousand m³)	28		Hazardous air pollutants (tons)	0
Seawater (thousand m³)	0		VOC (tons)	0
Produced water (thousand m³)	0		Soot and dust (tons)	0
Third-party water (thousand m³)	66		Industrial waste	
(Recycled water) (thousand m³)	45		Waste sent off-site (thousand tons)	1.0
			Offsite recycling (thousand tons)	0.4
			Total landfilling (thousand tons)	0.0
			Wastewater	
			COD, BOD (tons)	0
			Total nitrogen (tons)	0
			Total phosphorous (tons)	0
			Effluent (million m³)	74
			Wastewater treatment (million m³)	74