

## ESG DATA

### Environment

Unless otherwise stated, Kumiai Chemical Industry Co., Ltd. on a stand-alone basis.

Last Updated: March 29, 2024

Environmental Management			
	Unit	FY2023	Remarks
Third-party certification (ISO 14001) cover ratio (Factories)	%	100%	Shizuoka Factory, Kogota Factory, Tatsuno Factory
Number of violations of environment-related laws and regulations	Cases	0	
Total fines for violations of environmental laws and regulations	Millions of yen	0	

ISO14001 certification status			
Company Name	Scope of Application	Date of certification	Remarks
Kumiai Chemical	Kogota Factory	June 26th, 2000	
Kumiai Chemical	Shizuoka Factory	April 5th, 1999	
Kumiai Chemical	Tatsuno Factory	June 26th, 2000	

Effective Use of Resources							
	Unit	FY2019	FY2020	FY2021	FY2022	FY2023	Remarks
Energy consumption (crude oil equivalent)	k ℓ	9,987	10,435	10,669	10,501	10,725	
Raw material	kt	—	—	42.9	39.1	39.4	
Industrial waste generated (Total)	kt	1.88	2.26	4.42	2.10	3.68	Landfill disposal rate=Landfill disposal / Industrial waste generated (Total) Recycling rate=Waste Recycling / (Waste Recycling+Landfill disposal)
Landfill disposal	kt	0.01	0.01	0.03	0.05	0.08	
Landfill disposal rate	%	0.7	0.6	0.7	2.2	2.2	
Waste Recycling	kt	0.29	0.21	2.15	0.80	0.89	
Recycling rate	%	95.4	93.9	98.6	94.7	91.6	
Amount of industrial waste from plastic product use	t	-	-	-	-	128.1	FY2023 : from April,2022 to March,2023
Recycling rate of industrial waste from plastic product use	%	-	-	-	-	17.6	
PRTR Class 1 Designated Chemical Substance Emissions	t	-	2.3	2.0	3.6	3.0	FY2023 : from April,2022 to March,2023
PRTR Class 1 Designated Chemical Substance Transfer	t	-	11.6	112.4	80.3	80.6	

Biodiversity							
Availability of biodiversity protection policy		Yes:Kumiai Group Basic Policy on the Environment					
	Unit	FY2019	FY2020	FY2021	FY2022	FY2023	Remarks
Amount of expenses related to biodiversity protection	Millions of yen	3	5	8	10	13	<ul style="list-style-type: none"> <li>• Forest conservation and tree-planting activities in Fukushima Cho, Hokkaido</li> <li>• DONGURI Project (tree-planting and tree-raising activities) in Miyagi</li> <li>• Support for terraced paddy field conservation activities in Kikugawa City, Shizuoka</li> <li>• Tochigi Satochi-Satoyama Project</li> <li>• Creation of biotope</li> </ul>

Sustainable use of water resources							
	Unit	FY2019	FY2020	FY2021	FY2022	FY2023	Remarks
Water withdrawal data by source	Tap Water	km <sup>3</sup>	47.3	52.0	54.0	67.8	54.2
	Industrial water	km <sup>3</sup>	1,704.7	2,042.5	1,955.5	2,014.1	1,863.6
	Underground water (well)	km <sup>3</sup>	138.2	146.3	148.5	145.8	185.6
	Surface water from rivers, lakes, and natural ponds	km <sup>3</sup>	0.0	0.0	0.0	0.0	0.0
	Rain water	km <sup>3</sup>	0.0	0.0	0.0	0.0	0.0
	Seawater	km <sup>3</sup>	0.0	0.0	0.0	0.0	0.0
	External drainage	km <sup>3</sup>	0.0	0.0	0.0	0.0	0.0
	Total	km <sup>3</sup>	1,890.1	2,240.8	2,158.0	2,227.7	2,103.4
Number of violations of effluent standards and regulations	Cases	0	0	0	0	0	

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Greenhouse gases (GHG) emissions									
		Unit	FY2019	FY2020	FY2021	FY2022	FY2023	Remarks	
CO <sub>2</sub> emissions	Domestic	Scope 1	t-CO <sub>2</sub>	47,846	46,718	47,702	47,982	44,182	
		Scope 2	t-CO <sub>2</sub>	19,164	17,307	17,459	18,142	13,997	
		Scope 1+2	t-CO <sub>2</sub>	67,009	64,024	65,162	66,124	58,178	
		Emissions per net sales unit	—	0.705	0.644	0.605	0.503	0.397	
	Category	Scope3							
		1. Purchased goods and services	t-CO <sub>2</sub>	-	-	-	189,859	195,898	
		2. Capital goods	t-CO <sub>2</sub>	-	-	-	27,470	24,880	
		3. Fuel and energy related activities not included in Scope 1 or 2	t-CO <sub>2</sub>	-	-	-	12,171	11,461	
		4. Transportation and distribution (upstream)	t-CO <sub>2</sub>	-	-	-	11,715	8,867	
		5. Waste generated in business activities	t-CO <sub>2</sub>	-	-	-	7,676	10,902	
		6. Business trip	t-CO <sub>2</sub>	-	-	-	221	220	
		7. Employee commuting	t-CO <sub>2</sub>	-	-	-	1,003	1,007	
		8. Leased assets (upstream)	t-CO <sub>2</sub>	-	-	-	0	0	
		9. Transportation and distribution (downstream)	t-CO <sub>2</sub>	-	-	-	769	590	
		10. Processing of sold products	t-CO <sub>2</sub>	-	-	-	0	0	
		11. Use of sold products	t-CO <sub>2</sub>	-	-	-	0	0	
		12. Disposal of sold products	t-CO <sub>2</sub>	-	-	-	3,729	3,636	
13. Leased assets (downstream)	t-CO <sub>2</sub>	-	-	-	66	66			
14. Franchises	t-CO <sub>2</sub>	-	-	-	0	0			
15. Investments	t-CO <sub>2</sub>	-	-	-	0	0			
Scope3 Total		t-CO <sub>2</sub>				254,680	257,526		

Amount of purchased electricity	Inside Japan	Mwh	54,875	56,317	57,016	55,992	55,729	
Amount of renewable energy	Inside Japan	Mwh	12,525	12,544	12,635	12,420	25,184	
Methane (CH <sub>4</sub> ) Emissions	Inside Japan	t-CO <sub>2</sub>	30	32	27	34	26	
Dinitrogen monoxide (N <sub>2</sub> O) Emissions	Inside Japan	t-CO <sub>2</sub>	21	20	24	36	20	

Targets include seven group companies, which are, KUMIAI CHEMICAL INDUSTRY, RIKENGREEN, IHARANIKKEI CHEMICAL INDUSTRY, K-I CHEMICAL INDUSTRY, Ihara Construction Industry, ONOMICHI KUMIKA INDUSTRY, and KUMIKA LOGISTICS. The ratio of the seven companies' net sales to consolidated net sales (coverage rate) is 91.1% (FY2023).