

## Environmental Data 2022

Plastics for containers and packaging*1*2	Unit	Consumer Business	Industrial Business	Group Total
Amount/ratio of plant-based/recycled plastics used	Ton	213	0	213
	%	6%	0%	6%
Post-consumer packages and containers*1*2*3	Unit	Consumer Business	Industrial Business	Group Total
Amount/ratio of recyclable or reusable material used	Ton	2,591	2,846	5,437
	%	51%	100%	68%
Paper for containers and packaging*1*4	Unit	Consumer Business	Industrial Business	Group Total
Amount/ratio of FSC®-certified or other certified paper used*12	Ton	508	74	582
	%	68%	82%	70%
Palm oil (derived ingredients) for products*5	Unit	Consumer Business	Industrial Business	Group Total
Amount/ratio of RSPO-certified or other sustainable palm oil*13	Ton	519	No use	519
	%	14%		14%
Breakdown of water use (water withdrawal)	Unit	Consumer Business	Industrial Business	Group Total
Tap water	m3	127,357	24,735	152,092
Industrial water	m3	0	47,425	47,425
Groundwater*6	m3	8,628	53,630	62,258
River water	m3	428,953	0	428,953
Reduction of water use per unit of production	%	103%	109%	-100%
CO <sub>2</sub> emission (Scope1+2)*7	Unit	Consumer Business	Industrial Business	Group Total
CO <sub>2</sub> emission	Tons-CO <sub>2</sub>	9,491	19,794	29,285
CO <sub>2</sub> reduction	%	-26%	-19%	-21%
Energy consumption*8	Unit	Consumer Business	Industrial Business	Group Total
Electricity	kWh	37,990,526	32,265,035	70,255,561
Heavy oil	L	15,150	340,000	355,150
Kerosene	L	0	10,122	10,122
LPG	kg	407,606	70,625	478,231
City gas	m3	506,442	31,952	538,394
Water Including product use	m3	135,985	125,630	261,615
Gasoline	L	18,670	62,158	80,828
Diesel oil	L	4,750	24,856	29,606
Breakdown of electricity use*8	Unit	Consumer Business	Industrial Business	Group Total
Renewable Private power Generation	kWh	847,186	0	847,186
	kWh	18,478,233	251,541	18,729,774
Non-renewable Private power Generation	kWh	236,276	0	236,276
	kWh	18,428,831	33,125,669	51,554,500
Ratio of renewable electricity	%	51%	1%	27%
Raw material usage*9	Unit	Consumer Business	Industrial Business	Group Total
Raw material	Ton	27,067	67,605	94,672
Water (included)	Ton	8,638	6	8,644
Packaging Materials	Ton	7,213	7,441	14,654
Amount of waste*10	Unit	Consumer Business	Industrial Business	Group Total
Industrial waste	Ton	4,042	5,021	9,063
General waste	Ton	14	173	187
PRTR substances (Japan)*11	Unit	Consumer Business	Industrial Business	Group Total
Volume	Ton	114.4	212.4	326.8
Transfer or emissions	Ton	14.3	1.3	15.6

\* Scope of data: data for production at the Group's 15 global plants are integrated excluding U.S. sites in the Consumer Business and Tsubamex in the Industrial Business.

Consumer Business = Oral care products, cosmetics, health foods, and other consumer product-related businesses

Industrial Business = Adhesives and sealants for automobiles, construction and electronics, and metal parts for motorcycles and automobiles

\*1 Includes European procurement for consumer business

\*2 Product containers and primary packaging materials (excluding materials procured by subcontractors for Japanese consumer goods and industrial goods)

\*3 Recyclable or reusable material = Easily separable by material after product use

\*4 Primary packaging materials (excluding materials procured by subcontractors for Japanese consumer goods and industrial goods)

\*5 In-house procurement, mass-balance products

\*6 Excludes groundwater from the Yamanashi Plant, the Industrial Business \*7 Includes U.S. sites in the Consumer Business

\*8 Consumer Business includes production sites in the U.S. and own offices in Japan, the Americas, and Europe

\*9 Packaging materials exclude subcontracted products and include secondary packaging materials \*10 Excludes Yamanashi Plant of Consumer Business

\*11 1 ton or more per year of Class I Designated Chemical Substances under Japan's PRTR (Pollutant Release and Transfer Register) Law

Specified Class I designated chemical substances of 0.5 tons or more per year

\*12 FSC®=Forest Stewardship Council®

\*13 RSPO(Roundtable on Sustainable Palm Oil) Our RSPO Membership Progress- <https://rspo.org/members/12085>