

## Environmental Data 2023

Plastics for containers and packaging*1*2	Unit	Consumer Business	Industrial Business	Group Total
Amount/ratio of plant-based/recycled plastics used	Ton	431	40	417
	%	13%	58%	14%
Post-consumer packages and containers*1*2*3	Unit	Consumer Business	Industrial Business	Group Total
Amount/ratio of recyclable or reusable material used	Ton	2,645	2,920	5,565
	%	59%	100%	75%
Paper for containers and packaging*1*4	Unit	Consumer Business	Industrial Business	Group Total
Amount/ratio of FSC®-certified or other certified paper used*11	Ton	534	99	633
	%	71%	73%	71%
Palm oil (derived ingredients) for products*5	Unit	Consumer Business	Industrial Business	Group Total
Amount/ratio of RSPO-certified or other sustainable palm oil*12	Ton	865	No use	865
	%	25%		25%
Breakdown of water use (water withdrawal)*7	Unit	Consumer Business	Industrial Business	Group Total
Tap water	m3	110,443	29,925	140,367
Industrial water	m3	0	38,215	38,215
Groundwater*6	m3	14,022	59,285	73,307
River water	m3	364,095	0	364,095
Reduction of water use per unit of production	%	4%	-31%	-23%
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>	12,336	24,103	36,440
CO <sub>2</sub> reduction	%	-14%	-13%	-13%
Energy consumption*8	Unit	Consumer Business	Industrial Business	Group Total
Electricity	kWh	37,969,520	38,447,313	76,416,832
Heavy oil	L	13,064	360,000	373,064
Kerosene	L	0	30,832	30,832
LPG	kg	377,439	84,922	462,361
City gas	m3	509,006	32,514	541,520
Water Including product use	m3	124,464	70,147	194,611
Gasoline	L	788,115	117,351	195,466
Diesel oil	L	4,906	32,251	37,157
Breakdown of electricity use*8	Unit	Consumer Business	Industrial Business	Group Total
Renewable Private power generation	kWh	854,609	856,017	1,710,626
	kWh	16,167,314	355,756	16,523,070
Non-renewable Private power generation	kWh	149,799	71,144	220,943
	kWh	20,797,798	37,164,396	57,962,194
Ratio of renewable electricity	%	45%	3%	24%
Raw material usage*9	Unit	Consumer Business	Industrial Business	Group Total
Raw material	Ton	25,281	77,713	102,994
Water (included in total)	Ton	14,187	23,337	37,524
Packaging Materials	Ton	5,523	3,804	9,327
Amount of waste	Unit	Consumer Business	Industrial Business	Group Total
Industrial waste	Ton	1,693	5,301	6,994
General waste	Ton	24	233	257
PRTR substances (Japan)*10	Unit	Consumer Business	Industrial Business	Group Total
Volume	Ton	104.3	344.5	488.8
Transfer or emissions	Ton	1.1	5.8	7.0

\* Scope of data: Global group-owned plants, excluding US oral care product plants, unless otherwise stated.

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, excludes TSUBAMEX

\*2 Product containers and primary packaging materials (excluding materials procured by subcontractors for Japanese Consumer and Industrial Businesses)

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

\*4 Primary packaging materials (excluding materials procured by subcontractors for Japanese Consumer and Industrial Businesses)

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

\*6 Excludes groundwater from the Yamanashi Plant and the Industrial Business \*7 Includes US sites in the Consumer Business

\*8 Includes Consumer Business 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 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

\*11 FSC® = Forest Stewardship Council®

\*12 RSPO (Roundtable on Sustainable Palm Oil) For more on our RSPO Membership Progress, see <https://rspo.org/members/12085>