

Environmental Preservation

● Environmental Load Data (Other Group Companies, Overseas Group Companies)

Environmental Load Data (Other Group Companies FY 2016)

Item	Polyplastics Co., Ltd.	Dainichi Chemical Corp.	DM Novafoam Ltd.	Daicel Pack Systems, Ltd.	Daicel Pyrotechnics Ltd.	Daicel Logistics Service Co., Ltd.
Water consumption (1,000 tons)	6,651	394	48	193	2	3
Energy consumption (crude oil equivalent) (kiloliters)	91,000	1,068	2,130	810	112	285
SOx emissions (tons)	38	0	5	0	0	0
NOx emissions (tons)	179	2	1	0	0	0
Soot and dust emissions (tons)	38	0	0	0	0	0
Greenhouse gas emissions (1,000 tons)	250	2	5	2	0	0
COD (BOD) emissions (tons)	45	1	0	0	0	0
PRTR substances	Emitted (tons)	9	0	0	0	0
	Transferred (tons)	3	12	0	0	0
Landfill disposal (tons)	0	0	0	2	0	0

Environmental Load Data (Overseas Group Companies (Jan. to Dec. 2016))

Item	Ningbo Da-An Chemical Industries Co., Ltd.	Daicel Nanning Food Ingredients Co., Ltd.	Xi'an Huida Chemical Industries Co., Ltd.	Shanghai Daicel Polymers, Ltd.	Daicel Safety Systems (Thailand) Co., Ltd. Daicel Safety Technologies (Thailand) Co., Ltd.	Special Devices (Thailand) Co., Ltd.	Daicel Safety Systems (Jiangsu) Co., Ltd.	Daicel Safety Systems America, LLC Daicel Safety Technologies America, Inc. Daicel Safety Tube Products, Inc.
Water consumption (1,000 tons)	613	200	264	46	184	11	105	16
Greenhouse gas emissions (1,000 tons)	89	16	70	3	13	5	7	18

Item	Daicel Safety Systems Europe Sp. z o. o.	Daicel Safety Systems Korea, Inc.	Special Devices, Inc. Daicel Safety Systems America Arizona, Inc.	Chiral Technologies, Inc.	Chiral Technologies Europe S.A.S.	Daicel Chiral Technologies (China) Co., Ltd.	Daicel Chiral Technologies (India) Private Ltd.
Water consumption (1,000 tons)	2	3	21	0	0	5	0
Greenhouse gas emissions (1,000 tons)	2	1	16	1	1	1	0

Fiscal 2016 data shown for Daicel Chiral Technologies (China) Co., Ltd. and Shanghai Daicel Polymers, Ltd.