



Environmental Preservation

Environmental Impact Data (Other Group Companies, Overseas Group Companies FY2013)

→ Environmental Impact Data (Other Group Companies FY2013)

Environmental Impact Data		Polyplastics Co., Ltd. Fuji Plant	Daicel Pack Systems Ltd.	DM Novafoam Ltd.	Daicel Logistics Service Co., Ltd.	Dainichi Chemical Corp.	Japan Shotshell Ltd.
Water consumption	(thousands of tons)	6,596	216	42	4	390	2
Energy consumption	(crude oil equivalent kL)	104,645	922	1,766	781	955	133
SOx emissions	(tons)	36	0	5	0	0	0
NOx emissions	(tons)	223	1	1	0	1	0
Dust emissions	(tons)	28	0	0	0	0	0
Greenhouse gas emissions	(thousands of tons)	28	0	0	0	0	0
COD(BOD) emissions	(tons)	83	1	0	0	1	0
PRTR substances (amount released)	(tons)	7	0	0	0	0	0
PRTR substances (amount transferred)	(tons)	1	0	0	0	45	0
Landfill disposal	(tons)	1	5	0	0	0	0

→ Environmental Impact Data (Overseas Group Companies FY2013)

Environmental Impact Data		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 Systems(Jiangsu) Co., Ltd. *1)
Water consumption	(thousands of tons)	685	227	226	69	143	38
Greenhouse gas emissions	(thousands of tons)	85	20	59	5	13	11

Environmental Impact Data		Daicel Safety Systems America, LLC *2)	Daicel Safety Systems Europe Sp. z o. o.	Chiral Technologies, Inc.	Chiral Technologies Europe S.A.S.	Daicel Chiral Technologies (China)Co., Ltd.	Daicel Chiral Technologies(India) Private Ltd.
Water consumption	(thousands of tons)	17	2	0	1	2	1
Greenhouse gas emissions	(thousands of tons)	14	2	1	1	0	0

Note 1: including Daicel Safety Technologies(Thailand) Co., Ltd.

Note 2: including Daicel Safety Technologies America, Inc. and Daicel Safety Tube Processing, Inc.