

Environmental Impact Data (Other Group Companies FY2012)

Environmental Impact Data		Polyplastics Co., Ltd. Fuji Plant *1)	Daicel Pack Systems Ltd.	DM Novafoam Ltd.	Daicel Logistics Service Co., Ltd.	Dainichi Chemical Corp.	Japan Shotshell Ltd.
Water consumption	(thousands of tons)	7,010	231	50	4	373	4
Energy consumption	(crude oil equivalent kL)	109,787	972	2,203	816	851	110
SOx emissions	(tons)	37	0	3	0	1	0
NOx emissions	(tons)	233	0	2	0	1	0
Dust emissions	(tons)	26	27	28	29	30	31
Greenhouse gas emissions	(thousands of tons)	28	0	0	0	0	0
COD(BOD) emissions	(tons)	95	0	0	0	2	0
PRTR substances (amount released)	(tons)	8	0	0	0	0	0
PRTR substances (amount transferred)	(tons)	1	0	0	0	57	0
Landfill disposal	(tons)	1	9	0	0	0	0

Environmental Impact Data (Overseas Group Companies 2012)

項目		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. *2)
Water consumption	(thousands of tons)	720	242	300	69	116	42
Greenhouse gas emissions	(thousands of tons)	95	10	74	4	13	11

項目		Daicel Safety Systems America, LLC *3)	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)	13	3	0	1	1	0
Greenhouse gas emissions	(thousands of tons)	15	2	1	1	0	0

Note 1: data on Polyplastics Co., Ltd. covers the period from January 1, 2012 to December 31, 2012.

Note 2: including Daicel Safety Technologies(Thailand) Co., Ltd.

Note 3: including Daicel Safety Technologies America, Inc. and Daicel Safety Tube Processing, Inc.