

# Zeon Chemicals Yonezawa Co., Ltd.

## Company Profile

### Business Description

Manufacture and sale of perfumes and pharmaceutical and agrochemical intermediates, manufacture and sale of RIM blended solutions

Established in 1996 as a producer of fine chemical products, Zeon Chemicals Yonezawa began production of synthetic aroma chemicals in 1997 and reaction injection molding (RIM) compounds in 1998.

No. of employees

As of March 31, 2017: 33 (31 men, 2 women)

Hiring in FY 2016: 1 (1 man)



Zeon Chemicals Yonezawa Co., Ltd.

Product image



Perfumes made with synthetic aroma



Molded product made with RIM compound

## Company Policy (Executive Message)

We provide customers with a stable supply of superior quality products and develop new products and technologies to meet the challenges of changing market conditions. Going forward, we will continue to offer products that meet customer needs.

In addition to implementing Safety First corporate activities, we welcome participation in events such as chemistry classrooms and the Snow Lantern Festival as ways to give back to the community.



President  
Koichi Miyagi

## Safety Initiatives

### Policy

With a commitment to the basics, create stable, safe, and comfortable workplaces.

### Specific Initiatives

#### Increased sensory awareness through hands-on education

Provide a controlled combustion and explosion experience with alkyl aluminum (category 3 hazardous substance), which we use in manufacturing, in cooperation with the fire department and a chemicals manufacturer.



Hands-on education

## Environmental Impact Reductions

### Policy

Maintain record of zero emissions and conduct activities to reduce our environmental impact.

### Specific Initiatives

#### 1. Maintain record of zero emissions

- Strictly sort waste materials
- Recycle and reuse resources
- Practice thermal recycling

#### 2. Conserving resources and energy

- Reduce power consumption

#### 3. Environmental data

\*"0" indicates less than 0.5 tons, and "0.0" indicates less than 0.005 tons

Zeon Chemicals Yonezawa Co., Ltd.		FY 2012	FY 2013	FY 2014	FY 2015	FY 2016
Substances subject to the PRTR Act	No. of substances	4	7	5	3	4
	Consumption (tons)	1,773	1,642	1,759	1,567	1,576
	Emissions (tons)	0.5	0.5	0.5	0.6	0.6
Industrial waste	Amount generated before compacting (tons)	187	202	206	182	180
	Amount sent to landfills (tons)	0.0	0	0.0	0.0	0.0
Water resource consumption (1,000 m <sup>3</sup> ) (industrial water + groundwater + waterworks)		10	9	14	12	14
CO <sub>2</sub> emissions (tons)		1,017	1,151	1,421	1,815	1,716
Energy consumption (crude oil equivalent, kL)		439	490	591	762	720

\*Our electricity consumption has increased due to full-scale running of new experiments, resulting in higher CO<sub>2</sub> emissions and energy consumption in FY 2015.

## Relationship with Employees

### Policy

Vision: Foster a corporate culture that encourages employees to take on challenges and rewards those who do, develop human resources with ambitious goals, and implement improvements and reforms on a routine basis.

### Specific Initiatives

#### 1. Training of multi-operators

Systematically rotate personnel assignments to train multi-operators capable of operating all four plants.

#### 2. Naseba-naru Awards (in-house commendations)

Naseba-naru Awards are given to employees who have demonstrated results, including implementing

improvements, creating systems, and effecting safety, 5S, and corporate culture reforms. Two employees in FY 2015 and six employees in FY 2016 received the commendation. The meaning of Naseba-naru comes from a quote by Uesugi Yozan, the head of the Yonezawa domain during the mid-Edo Period, who is remembered for achieving financial and other reforms of the domain. He famously said, "If you put your mind to it, you can do it" (*Naseba naru* in Japanese).

## Relationship with the Local Community

Compliance and other activities to fulfill society's expectations.

### Specific Initiatives

#### 1. Participation in community events

##### Yamagata Prefecture experiment classrooms

We set up an experiment craft booth at the 2016 Youth Science Festival in Yamagata. Together with children, we made air fresheners by adding our synthetic aroma chemicals to water-absorbent resin containing colored water. A total of 151 elementary and junior high school students learned about synthetic aroma chemicals while enjoying the craft activity.



Experiment classrooms

#### 2. Uesugi Snow Lantern Festival

Held every year, the Uesugi Snow Lantern Festival creates a magical atmosphere symbolizing local residents' wishes for peace. We participate every year as a part of our community activities and create two snow lanterns.



Zeon's completed snow lanterns