



Responsible Care Activities: Supplementary Data

2 Occupational Safety and Health / Industrial Safety and Disaster Prevention

Criteria and Results of the President's Safety Award for Zero Lost-Workday Operations (As of May 31, 2018)

Sumitomo Chemical has set facility-specific criteria for the achievement of continuous periods of zero lost-workday operations for employees as well as contractors. The President's Safety Award is presented to facilities in recognition of their satisfaction of the above-mentioned criteria.

■ Sumitomo Chemical Employees

| Facilities | Criteria for the President's Safety Award*1 | Results |
|--|---|--|
| Ehime Works | 3 million hours | Working to reach the target of 12 million work hours. |
| Ohe Works*2 | 3 million hours | Working to reach the target of 12 million work hours. |
| Chiba Works | 3 million hours | Reached 12 million work hours in November 2017. Working to reach the target of 15 million work hours. |
| Osaka Works | 3 million hours | Reached 12 million work hours in April 2018. Working to reach the target of 15 million work hours. |
| Oita Works*3 | 1.5 million hours | Reached 3 million work hours in March 2018. Working to reach the target of 4.5 million work hours. |
| Misawa Works | 30 months | Working to reach the target of 180 months. |
| Health & Crop Sciences Research Laboratory | 30 months | Working to reach the target of 30 months. |
| Tsukuba Regional Research Laboratory*4 | 30 months | Working to reach the target of 360 months. |

*1 Continuous periods of zero lost-workday operations.

*2 Ohe Works includes Sumika Assembly Techno Co., Ltd.

*3 Oita Works includes the Utajima Pilot Production Department, Gifu Plant, and Okayama Plant.

*4 The Tsukuba Regional Research Laboratory was reorganized into the Advanced Materials Development Research Laboratory, IT-related Chemicals Research Laboratory (Tsukuba), and Energy & Functional Materials Research Laboratory (Tsukuba).

■ Contractors / Affiliated Company Employees

| Facilities | Criteria for the President's Safety Award | Results |
|--|---|--|
| Ehime Association (Plant maintenance) | 24 months | Reached 24 months in March 2018. Working to reach the target of 48 months. |
| Ehime Logistics Association (Logistics) | 24 months | Reached 24 months in January 2018. Working to reach the target of 48 months. |
| Ohe Association (Plant maintenance) | 48 months | Working to reach the target of 144 months. |
| Ohe Logistics Association (Logistics) | 48 months | Working to reach the target of 144 months. |
| Chiba Association (Plant maintenance) | 24 months | Working to reach the target of 24 months. |
| Chiba Logistics Association (Logistics) | 24 months | Reached 24 months in February 2018. Working to reach the target of 48 months. |
| Osaka Association | 24 months | Working to reach the target of 24 months. |
| Oita Association | 24 months | Working to reach the target of 96 months. |
| Okayama Association | 48 months | Working to reach the target of 144 months. |
| Gifu Association | 48 months | Reached 96 months in September 2017. Working to reach the target of 144 months. |
| Misawa Works | 48 months | Working to reach the target of 96 months. |
| Health & Crop Sciences Research Laboratory | 48 months | Working to reach the target of 240 months. |
| Tsukuba Regional Research Laboratory | 48 months | Working to reach the target of 96 months. |



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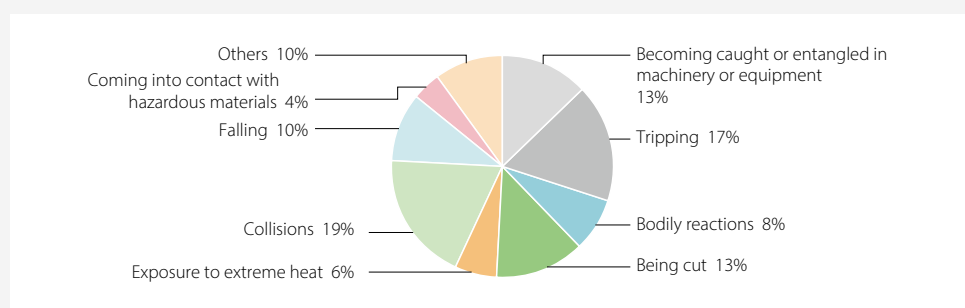
Safety Achievements

■ Lost-Workday Injuries (Sumitomo Chemical Group*)

| | FY2014 | FY2015 | FY2016 | FY2017 |
|---|--------|--------|--------|--------|
| Number of lost-workday injuries | 10 | 17 | 9 | 17 |
| Frequency rate of lost-workday injuries | 0.16 | 0.27 | 0.14 | 0.26 |
| Number of fatal accidents (including employees and contractors) | 1 | 0 | 0 | 2 |
| Number of fatal accidents (contract employees) | 0 | 0 | 0 | 0 |

Note: Data for previous fiscal years has been retroactively adjusted to enhance accuracy.

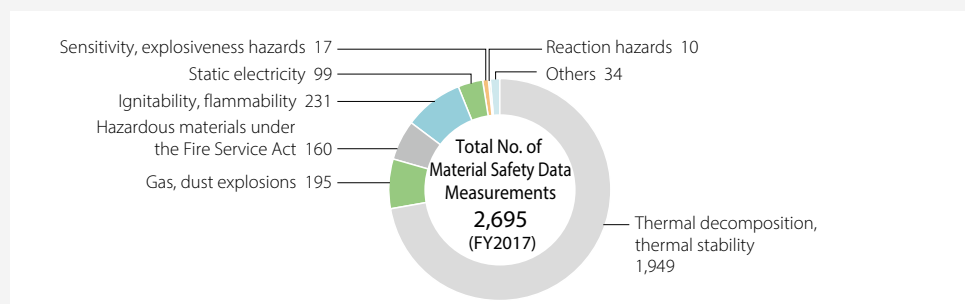
■ Breakdown of Causes of Injury by Type (Sumitomo Chemical Group*)



* Employees of Sumitomo Chemical, Sumitomo Chemical contractors, and Group companies in Japan and overseas.

Industrial Safety and Disaster Prevention Results

■ Results of Material Safety Data Measurements



The Safety Engineering Group at the Production & Safety Fundamental Technology Center studies and assesses process safety, researches safety measures, measures and evaluates material safety data, compiles a database on safety technologies, and undertakes training for safety engineers in its efforts to enhance process safety management and to prevent accidents such as fires and explosions. A total of 2,512 material safety data measurements were taken in fiscal 2017 (2,736 measurements in fiscal 2016) from within Sumitomo Chemical. In addition, 183 measurements were taken in fiscal 2017 (228 measurements in fiscal 2016) from Group companies. Total measurements undertaken were 2,695 in fiscal 2017 (2,964 measurements in fiscal 2016).



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■ The Launch of Several Process Safety Review Committees (Sumitomo Chemical)

| Fiscal Year | R&D stages | | Industrialization stage | | |
|-------------|------------|---------|-------------------------|---------|---------|
| | Level 1 | Level 2 | Level 3 | Level 4 | Level 5 |
| 2014 | 17 | 40 | 44 | 112 | 31 |
| 2015 | 22 | 29 | 41 | 131 | 26 |
| 2016 | 14 | 33 | 37 | 81 | 17 |
| 2017 | 25 | 19 | 27 | 88 | 47 |

When new processes are developed at Sumitomo Chemical, the Process Safety Review Committee (levels 1 to 5) convenes at every step, from R&D through to industrial-scale production. In essence, this Committee focuses on process safety assessment results and confirms whether safety counter-measures are appropriate.

■ Safety Information Database (Sumitomo Chemical)

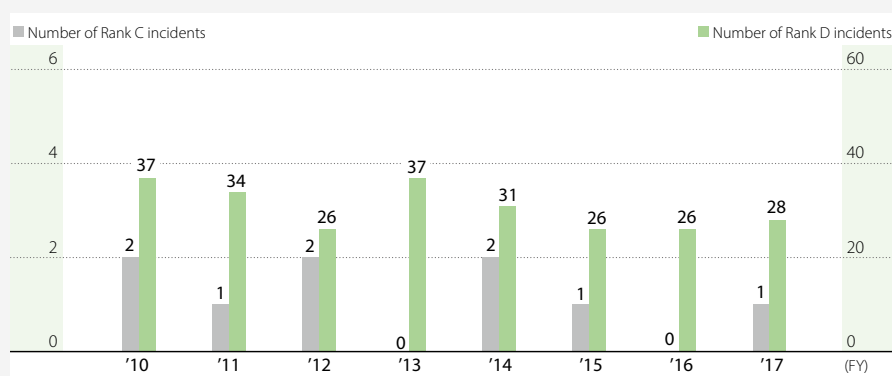
| | Number of Data Sets | (Year-on-Year Comparison) |
|--|---------------------|---------------------------|
| Accident prevention technology information | 18,964 | (Increased by 545) |
| Accident cause investigations | 2,371 | (Increased by 60) |
| Accident information | 20,382 | (Increased by 299) |
| As of March 31, 2018 | 41,717 | (Increased by 904) |

A safety information database has been created by collecting information on accidents in Japan and overseas and compiling abstracts of said data. As of the end of March 2018, 41,717 sets of data were stored in the database (40,813 sets of data as of March 31, 2017). This system allows all employees at each Works or Research Laboratory to search stored data using individual terminals. This data is also used in process hazard evaluations and case study examinations to prevent similar accidents. In addition, accident data is also disclosed to Group companies as necessary.

Logistics Quality Assurance

In fiscal 2017, the Company reported one incident of rank C or above and 28 incidents of rank D. However, 16 of these incidents involved errors in shipment and delivery, which can cause significant problems in the quality of customers' products. Going forward, we will continue to promote measures to reduce the number of these incidents.

■ Logistics Issues Having an Impact on Our Customers (Sumitomo Chemical)



Note: Ranks reflect Sumitomo Chemical's standard, which classifies incidents into Ranks A, B, C, and D in descending order of severity. There were no occurrences of Rank A or Rank B (the most severe) incidents. Incidents within the scope of logistics operations are consigned to Sumitomo Chemical.