Materiality

Governance

SASB INDEX (Chemicals) VERSION 2023-12

MEC Style

This page summarizes and discloses ESG information in accordance with the SASB Standard_version 2023-12, a framework for ESG information disclosure published by the Sustainability Accounting Standards Board (SASB) in the U.S. We will continue to expand the content disclosed.

About

Environmental Conservation

Sustainability Report 2024

TOPIC	METRIC	CODIFIED METRIC CODE	Response Status, Data, etc.
Greenhouse Gas Emissions	Gross global Scope 1 emissions, percentage covered under emissions limiting regulations	RT-CH-110a.1	Environment See page 15 <co2 emission=""> Scope1: 55.5t-CO2 Scope2:1,621t-CO2 Scope3 CATEGORY 5: 136t-CO2 Scope3 CATEGORY 6: 39.1t-CO2 Scope3 CATEGORY 7: 117t-CO2</co2>
	Discussion of long- and short-term strategy or plan to manage Scope 1 emissions, emissions reduction targets, and an analysis of performance against those targets	RT-CH-110a.2	Since Scope 1 accounts for a low proportion of our total emissions, at approximately 3%, we did not set an emissions reduction target for Scope 1 emissions, but rather a mid- to long-term reduction target for Scope 1+2 emissions. CO ₂ reduction target: Net reduction in total domestic Scope 1 and 2 emissions of 50% by FY2030 (base year: FY2017)
Air Quality	Air emissions of the following pollutants: (1) NOX (excluding N ₂ O), (2) SOX, (3) volatile organic compounds (VOCs), and (4) hazardous air pollutants (HAPs)	RT-CH-120a.1	N/A No air pollutants are emitted during the manufacturing process.
Energy Management	 Total energy consumed, percentage grid electricity, percentage renewable and total self-generated energy 	RT-CH-130a.1	Environment See page 15 <electricity consumption=""> (1) 13,253GJ (2) 61% (3) 39% (4) None</electricity>
Water Management	 Total water withdrawn, total water consumed; percentage of each in regions with High or Extremely High Baseline Water Stress 	RT-CH-140a.1	Environment See page 15 (1) 33,804m ³ (2) 13,431m ³ (total consumption is calculated by [water consumption - water discharge]) Water stress: Annagasaki Plant and Nagaoka Plant, low to medium (10 - 20%) (Survey using the World Resources Institute's Aqueduct Water Risk Atlas)
	Number of incidents of non-compliance associated with water quality permits, standards and regulations	RT-CH-140a.2	Number of violations of laws and regulations related to water quality: 1
	Description of water management risks and discussion of strategies and practices to mitigate those risks	RT-CH-140a.3	Water is used as one of the raw materials, and since water is used more in research and development activities and production activities, water usage is strictly controlled.
Hazardous Waste Management	 Amount of hazardous waste generated, percentage recycled 	RT-CH-150a.1	Hazardous waste (industrial waste specially controlled by the Waste Management and Public Cleansing Law) Total volume 181 tons, recycling rate 24.4%
Community Relations	Discussion of engagement processes to manage risks and opportunities associated with community interests	RT-CH-210a.1	Social See page 27 <together communities="" local="" with=""> We hold explanatory meetings in the neighborhood (plant tours) and cooperate with evacuation drills at neighborhood nurseries.</together>

Occupational Safety / Management of Chemical Substances

TOPIC	METRIC	CODIFIED METRIC CODE	Response Status, Data, etc.
Workforce Health & Safety	 Total recordable incident rate (TRIR) and fatality rate for (a) direct employees and (b) contract employees 	RT-CH-320a.1	Social See page 25 < Safe Working Environment > (1) (a) Directly hired employees: 0.0, (b) Indirectly hired employees: 0.0 'All industrial accidents occurred due to accidents not accompanied by lost time (2) In-service fatality rate: 0%
	Description of efforts to assess, monitor, and reduce exposure of employees and contract workers to long-term (chronic) health risks	RT-CH-320a.2	Social See page 24 <mproving employees="" health="" of="" our="" the=""> Regular medical examinations, special medical examinations, mental health checks, etc. Diagnosis rate: Approx.100% We conduct re-examination and consultation with a dietitian for those with findings after a health check-up.</mproving>
Product Design for Use-phase Efficiency	Revenue from products designed for use-phase resource efficiency	RT-CH-410a.1	_
Safety & Environmental Stewardship of Chemicals	 Percentage of products that contain Globally Harmonised System of Classification and Labelling of Chemicals (GHS) Category 1 and 2 Health and Environmental Hazardous Substances, percentage of such products that have undergone a hazard assessment 	RT-CH-410b.1	
	Discussion of strategy to (1) manage chemicals of concern and (2) develop alternatives with reduced human or environmental impact	RT-CH-410b.2	As a chemical manufacturer, we check relevant laws and regulations in Japan and overseas for chemical substances and acknowledge hazard information. We have specified banned substances and have established a system that does not contain them from the R&D stage. Many of our products fall under categories 1 and 2 of the GHS classification. We recognize that all products are hazardous as long as they use chemical substances, and communicate hazard information on the SDS and labels when they are supplied. We inform our customers so that they will handle the product based on the hazard information.
Genetically Modified Organisms	Percentage of products by revenue that contain genetically modified organisms (GMOs)	RT-CH-410c.1	_
Management of the Legal & Regulatory Environment	Discussion of corporate positions related to government regulations or policy proposals that address environmental and social factors affecting the industry	RT-CH-530a.1	We are subject to various laws and regulations in Japan and overseas, including those related to the handling, research, manufacture, storage, transportation, and sales of hazardous chemical substances such as poisonous and deleterious substances. Regulations on chemical substances are expected to become increasingly strict in the future, and we are making efforts to respond positively to these regulations and to minimize the impact on our business.
Operational Safety, Emergency Preparedness, and Response	Process Safety Incidents Count (PSIC), Process Safety Total Incident Rate (PSTIR), and Process Safety Incident Severity Rate (PSISR)	RT-CH-540a.1	We regard health and safety as the first priority, and we are responsible as a corporation for our efforts to achieve zero accidents and zero disasters. In order to handle toxic and toxic chemicals such as poisonous and deleterious substances, we regard chemical leaks during transportation as important incidents and have established a system to prevent environmental pollution caused by chemical leaks caused by accidents. Number of leak incidents that fall under the category of serious incidents: 0
	Number of transport incidents	RT-CH-540a.2	14 transport accidents (1 cases of leakage and 13 cases of damage to containers)
ACTIVITY METRIC	Production by reportable segment	RT-CH-000.A	15,810t