

SASB Disclosures

SASB Standards are maintained under the auspices of the [Value Reporting Foundation](https://www.valuereportingfoundation.org/), and enable businesses to identify, manage and communicate financially-material sustainability information to their investors. (For additional information, please visit [www.sasb.org.](https://www.sasb.org/))

The information and references provided below are based on the SASB accounting metrics for the Chemicals industry.

Topic	Description	Code	Response and/or Reference
Greenhouse Gas Emissions	Gross global Scope 1 emissions and the percentage covered under emissions-limiting regulations	RT-CH-110a.1	<p>2022 Sustainability Report (Energy & Greenhouse Gas Emissions (GHG), page 11)</p> <p>2022 AET Verification Letter</p> <p>Reporting and Data</p> <p>In 2022, Scope 1 emissions were 601,880 metric tons of CO₂e.</p>
	Discussion of long-term 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	<p>2022 Sustainability Report (2025 and 2030 Sustainability Goals, page 8; Energy & Greenhouse Gas Emissions (GHG), page 11)</p> <p>Sustainability</p>
Air Quality	Emissions for NOX (excluding N ₂ O), SOX, VOCs and hazardous air pollutants (HAPs)	RT-CH-120a.1	<p>2022 Sustainability Report (Energy & Greenhouse Gas Emissions (GHG), page 11)</p> <p>Sustainability</p> <p>In 2022, Ecovyst's emissions for NO_x and SO_x were approximately 251,012 kg and 2,215,655 kg respectively.</p>
Energy Management	(1) Total energy consumed, (2) percentage grid electricity, (3) percentage renewable, (4) total self-generated energy	RT-CH-130a.1	<p>2022 Sustainability Report (Energy & Greenhouse Gas Emissions (GHG), page 11; Energy Management, page 12)</p> <p>Sustainability</p> <p>In 2022, total energy consumption was approximately 1,185,831 MWh</p> <p>In 2022, we generated a total of 160.2 MW of self-generated energy at several Ecoservices sites.</p>

Topic	Description	Code	Response and/or Reference
Water Management	(1) Total water withdrawn, (2) total water consumed, percentage of each in regions with High or Extremely High Baseline Water Stress	RT-CH-140a.1	2022 Sustainability Report (Water, page 14) 2022 AET Verification Letter Reporting and Data In 2022, total water withdrawn was 11,768,375 cubic meters. Approximately 10% of water was withdrawn in regions with high or extremely high baseline water stress.
	Number of incidents of non-compliance associated with water quality permits, standards, and regulations	RT-CH-140a.2	In 2022, Ecovyst had no material incident of non-compliance associated with water quality permits, standards and regulations.
	Description of water management risks and discussion of strategies and practices to mitigate those risks	RT-CH-140a.3	2022 Sustainability Report (Water, page 14) Sustainability
Hazardous Waste Management	Amount of hazardous waste generated, and percentage recycled	RT-CH-150a.1	2022 Sustainability Report (Waste, page 13) 2022 AET Verification Letter Reporting and Data
Community Relations	Discussion of engagement processes to manage risks and opportunities associated with community interests	RT-CH-210a.1	2022 Sustainability Report (Community Engagement, page 20 ; Stakeholder Engagement, page 23) Social Responsibility
Workforce Health & Safety	(1) Total recordable incident rate (TRIR) and (2) fatality rate for (a) direct employees and (b) contract employees	RT-CH-320a.1	2022 Sustainability Report (Progress in Achieving Sustainability Goals, page 8 ; Health, Safety, Environment & Security (HSES), page 14) Health, Safety, Environment & Security In 2022, the total TRIR was 0.42
	Description of efforts to assess, monitor and reduce exposure of employees and contract workers to long-term (chronic) health risks	RT-CH-320a.2	2022 Sustainability Report (2025 and 2030 Sustainability Goals, page 8 ; Health, Safety, Environment & Security (HSES), page 14)
Product Design for Use-phase Efficiency'	Revenue from products designed for use-phase resource efficiency	RT-CH-410a.1	2022 Sustainability Report (Product Safety and Stewardship, page 17)

Topic	Description	Code	Response and/or Reference
Safety & Environmental Stewardship of Chemicals	(1) Percentage of products that contain Globally Harmonized System of Classification and Labeling of Chemicals (GHS) Category 1 and 2 Health and Environmental Hazardous Substances, and (2) percentage of such products that have undergone a hazard assessment	RT-CH-410b.1	2022 Sustainability Report (Product Safety, page 17) More than 80% of our catalyst products are classified as non-hazardous by the Globally Harmonized System of Labeling of Chemicals and the UN Transportation regulations.
	Discussion of strategy to (1) manage chemicals of concern and (2) develop alternatives with reduced human and/or environmental impact	RT-CH-410b.2	2022 Sustainability Report (Product Safety and Stewardship, page 17) Product Innovation
Genetically Modified Organisms	Percentage of products by revenue that contain genetically modified organisms (GMOs)	RT-CH-410c.1	2022 Sustainability Report (Product Safety and Stewardship, page 17) None of our products contain GMOs.
Management of the Legal & Regulatory Environment	Discussion of corporate positions related to government regulations and/or policy proposals that address environmental and social factors affecting the industry	RT-CH-530a.1	2022 Sustainability Report (Stakeholder Engagement, page 23)
Operational Safety, Emergency Preparedness & Response	Process Safety Incidents Count (PSIC), Process Safety Total Incident Rate (PSTIR) and Process Safety Incident Severity Rate (PSISR)	RT-CH-540a.1	2022 Sustainability Report (Progress in Achieving Sustainability Goals, page 8 ; Health, Safety, Environment & Security (HSES), page 14)
	Number of transport incidents	RT-CH-540a.2	2022 Sustainability Report (Progress in Achieving Sustainability Goals, page 8 ; Health, Safety, Environment & Security (HSES), page 14)

Activity	Code	Response and/or Reference
Production by reportable segment	RT-CH-000.A	2022 10K Filing (Our Product End Uses, page 5) In 2022, our total amount of production was approximately 2,995,501 metric tonnes.