

Page references for Univar Solution’s 2019 reports relate to PDF page numbering.

Table 1. Sustainability Disclosure Topics & Accounting Metrics

Topic	Accounting Metric	Category	Unit of Measurement	Code	Disclosure Comment
Greenhouse Gas Emissions	Gross global Scope 1 emissions, percentage covered under emissions-limiting regulations	Quantitative	Metric tons (t) CO ₂ e, Percentage (%)	RT-CH-110a.1	Sustainability Report 2019 , pg. 26-29. Point 3- Not applicable, we are not subject to relevant emission limiting legislation.
	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	Discussion and Analysis	n/a	n/a RT-CH-110a.2	Sustainability Report 2019 , pg. 8, 26-29. Point 3- Limiting factors in achieving goals not covered. We intend to expand coverage of strategy and risks in the future. Point 5- Not applicable, we are not subject to relevant emission limiting legislation.
Air Quality	Air emissions of the following pollutants: (1) NO _x (excluding N ₂ O), (2) SO _x , (3) volatile organic compounds (VOCs), and (4) hazardous air pollutants (HAPs)	Quantitative	Metric tons (t)	RT-CH-120a.1	No disclosure- Data not disclosed on VOCs, NO _x , SO _x or other HAP's. We intend to begin reporting VOC's in future reporting and intend to identify the materiality of other emissions to air.
Energy Management	(1) Total energy consumed, (2) percentage grid electricity, (3) percentage renewable, (4) total self-generated energy	Quantitative	Gigajoules (GJ), Percentage (%)	RT-CH-130a.1	Sustainability Report 2019 , pg. 26-29. Point 1- Energy reported in MWh, not GJ. Point 4- Self-generated energy not reported, not of substantially relevant quantity currently. We intend to begin reporting this in future reporting as proportion grows.
Water Management	(1) Total water withdrawn, (2) total water consumed, percentage of each in regions with High or Extremely High Baseline Water Stress	Quantitative	Thousand cubic meters (m ³), Percentage (%)	RT-CH-140a.1	Sustainability Report 2019 , pg. 38-39. Point 6- No disclosure made, we intend to add this metric to future sustainability reporting.
	Number of incidents of non-compliance associated with water quality permits, standards, and regulations	Quantitative	Number	RT-CH-140a.2	Sustainability Report 2019 , pg. 45. Points 1-4- Data not collated for reporting in appropriate format. We intend to expand disclosures in future reporting.
	Description of water management risks and discussion of strategies and practices to mitigate those risks	Discussion and Analysis	n/a	RT-CH-140a.3	Sustainability Report 2019 , pg. 8, 38-39. Points 1-5- No disclosure entirely omitted, but limited depth of disclosure, we intend to expand on these in future reporting. Point 6- No disclosure made, lifecycle impacts currently unidentified.

Topic	Accounting Metric	Category	Unit of Measurement	Code	Disclosure Comment
Hazardous Waste Management	Amount of hazardous waste generated, percentage recycled ³	Quantitative	Metric tons (t), Percentage (%)	RT-CH-150a.1	Sustainability Report 2019 , pg. 33-35. Point 2- Figures not identified as percentages of total, we intend to include this in future reporting.
Community Relations	Discussion of engagement processes to manage risks and opportunities associated with community interests	Discussion and Analysis	n/a	RT-CH-210a.1	Sustainability Report 2019 , pg. 9-11 16-19. Point 1- Disclosures on practices to manage risks and opportunities associated with community interests are limited in scope, we intend to expand our focus in future reporting.
Workforce Health & Safety	(1) Total recordable incident rate (TRIR) and (2) fatality rate for (a) direct employees and (b) contract employees	Quantitative	Rate	RT-CH-320a.1	Sustainability Report 2019 , pg. 14-15. Point 2- Omitted, we intend to expand on disclosures in future reporting. Point 5- Data not currently processed in suitable format.
	Description of efforts to assess, monitor, and reduce exposure of employees and contract workers to long-term (chronic) health risks	Discussion and Analysis	n/a	RT-CH-320a.2	Sustainability Report 2019 , pg. 14-15 Points 1-4- Disclosures limited in breadth. We intent to broaden our reporting on this in the future.
Product Design for Use-phase Efficiency	Revenue from products designed for use phase resource efficiency	Quantitative	Reporting currency	RT-CH-410a.1	No disclosure- Disclosure not applicable as a chemical and ingredient distributor.
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, (2) percentage of such products that have undergone a hazard assessment	Quantitative	Percentage (%) by revenue, Percentage (%)	RT-CH-410b.1	No disclosure- Disclosure not applicable as a chemical and ingredient distributor.
	Discussion of strategy to (1) manage chemicals of concern and (2) develop alternatives with reduced human and/or environmental impact	Discussion and Analysis	n/a	RT-CH-410b.2	No disclosure- Disclosure not applicable as a chemical and ingredient distributor.
Genetically Modified Organisms	Percentage of products by revenue that contain genetically modified organisms (GMOs)	Quantitative	Percentage (%) by revenue	RT-CH-410c.1	No disclosure- The sale of GMO products is not a materially relevant aspect of our operations.

Topic	Accounting Metric	Category	Unit of Measurement	Code	Disclosure Comment
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	Discussion and Analysis	n/a	RT-CH-530a.1	Annual Report 2019 , pg. 13, 17-28. No omission.
Operational Safety, Emergency Preparedness & Response	Process Safety Incidents Count (PSIC), Process Safety Total Incident Rate (PSTIR), and Process Safety Incident Severity Rate (PSISR) ⁴	Quantitative	Number, Rate	RT-CH-540a.1	No disclosure- Metrics not available. We intend to expand on this disclosure in future reporting.
	Number of transport incidents ⁵	Quantitative	Number	RT-CH-540a.2	Sustainability Report 2019 , pg. 15. Point 1- Figures presented as 12 month rolling, excludes contractors.

Table 2. Activity Metrics

Accounting Metric	Category	Unit of Measurement	Code	Disclosure Comment
Production by reportable segment ⁶	Quantitative	Cubic meters (m ³) and/or metric tons (t)	RT-CH-000.	Annual Report 2019 , pg. 17, Omission on segment volume sales. Split by net sales \$.

Notes (Numbering based on the Chemicals Sustainability Accounting Standard)

Note numbering	Description	Disclosure Comment
² Note to RT-CH-130a.1	The entity shall discuss its efforts to reduce energy consumption and/or improve energy efficiency throughout the production processes.	Not applicable- Production is not determined to be a materially significant aspect of our energy consumption.
³ Note to RT-CH-150a.1	The entity shall disclose the legal or regulatory framework(s) used to define hazardous waste and recycled hazardous waste, and the amounts of waste defined in accordance with each applicable framework.	Sustainability Report 2019 , pg. 35. No omission.
⁴ Note to RT-CH-540a.1	The entity shall describe incidents with a severity rating of 1 or 2, including their root cause, outcomes, and corrective actions implemented in response.	No disclosure- Incidents not rated under these criteria internally.
⁵ Note to RT-CH-540a.2	The entity shall describe significant transport incidents, including their root causes, outcomes, and corrective actions implemented in response.	No disclosure- We intend to identify the most appropriate way to disclose this in future reporting.
⁶ Note to RT-CH-000.A	Production should be disclosed for each of the entity's reportable segments, where products and service segments are determined according to FASB ASC 280-10 and production is reported as weight for solid products and volume for liquid and gas products.	No disclosure- Disclosure not applicable as a chemical and ingredient distributor.