

Environmental Product Declaration

In accordance with ISO 14025 for:

Attends Slips



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Programme operator:	EPD International AB
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Attends

Attends offers an extensive range of light, moderate and heavy disposable body worn and specialist incontinence products for care givers and consumers.

Significant factors in the continued progress of the company are a fully automated manufacturing facility, efficient customer service and logistics support, the strength of the Attends brand and the company's ability to tailor leading-edge absorbent technologies to improve the product offering to consumers and care givers. The Attends brand is represented in more than 20 countries in Europe, the Middle East and Australasia via local subsidiary companies or distributor partners.

www.attends.se

All products included in this EPD are manufactured at Attends production plant in Aneby, Sweden. The plant is certified according to ISO 9001, 13485 and 14001. The plant is also certified according to FSC and PEFC chain of custody and as a climate neutral production site according to the GHG Protocol. The plant uses 100% hydropower with a guarantee of origin.



Attends - a part of Attindas Hygiene Partners

Attends is part of the Attindas Hygiene Partners group whose headquarters are in Raleigh, North Carolina, USA.

Attindas is a global leader focused on absorbent adult incontinence, baby care, and clinical hygiene solutions.

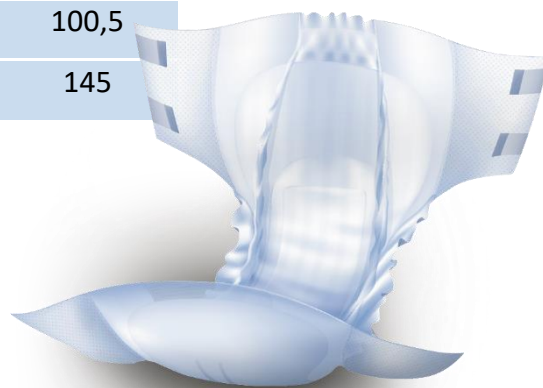
Attindas is in the business of improving the quality of life for millions of people worldwide every year through our differentiated assortment of adult incontinence products, baby diapers, and other clinical and hygiene offerings.

www.attindas.com



This environmental declaration covers the following products

Product	Article	Weight (g)
Attends Slip Active 8 Medium	200735	76,5
Attends Slip Active 9 Medium	201510	83,0
Attends Slip Active 10 Medium	201411	96,5
Attends Slip Active 8 Large	201336	92
Attends Slip Active 9 Large	201398	100,5
Attends Slip Active 10 Large	201435	118
Attends Slip Regular 8 Medium	203699	78,5
Attends Slip Regular 9 Medium	203323	85
Attends Slip Regular 10 Medium	207697	98,5
Attends Slip Regular 8 Large	203712	94
Attends Slip Regular 9 Large	203347	102,5
Attends Slip Regular 10 Large	207666	120
Attends Adjustable 10 Medium	206454	100,5
Attends Adjustable 10 Large	206652	145



Attends Slips and Adjustable are all-in-one briefs with tabs designed to manage heavy incontinence. The products have adjustable tabs for excellent fit and comfort, to be used by both women and men. The superabsorbent core provides optimal absorbency, dryness and comfort. The products are ideal for those who are sitting or lying down a large part of the day, and they are quick and easy to change.

All products in this EPD are approved according to the Nordic Swan Ecolabel.



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Attends

Environmental Product Declaration

The LCA study will calculate the environmental performance of three sizes of Attends Slips, Medium, Large and Extra-large and three absorption levels, 8, 9 and 10. Also included in the study is two sizes of Attends Adjustable, sizes Medium and Large in absorption level 10.

The product is made of textile back sheet material (polyethylene, calcium carbonate and polypropylene), back sheet (polyethylene and polypropylene), nonwoven (polypropylene), cellulose pulp, superabsorbent polymer, synthetic elastics, polypropylene hooks, and tape, hotmelt adhesive and Spandex elastics. Alcohol based ink is used for LOT-coding. The adjustable product has a

The packaging for the finished product consists of distribution packaging made of corrugated cardboard and a polyethylene bag used as consumer packaging. The cardboard box contains minimum 54% of recycled fibers. Attends does not have direct control of the production of the consumer packaging

The materials used for the products and packaging comply with the Regulation (EC) No 1907/2006 of the European parliament and of the council of 18 December 2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH) and the Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures

The finished product weight ranges between 76,5 and 145 g depending on the size and absorbency level where Slip Active, size Medium in absorption level 8 is the lightest and Adjustable, size Large in absorbency level 10 is the heaviest.

The amount of raw material depends on the size and the absorption level. The absorbent material is the same regardless of size, but the amount depends on the absorbency.

Cellulose	56-70 %
Polymers	12-28%
Plastics	14-21%



The figure shows a system diagram illustrating the main processes and the division into Upstream, Core and Downstream processes.

The life cycle is divided into three different life cycle stages:

- **Upstream processes** (from cradle-to-gate). This includes extraction of natural resources for the different raw materials as well as fuel production for both heat and power generation.
- **Core processes** (from gate-to-gate). This phase includes transport of input materials and the manufacturing of the Attends Slips and Adjustable in Aneby, Sweden and includes energy, heat, and other consumables as well as handling of production waste.
- **Downstream processes** (from gate-to-grave). This phase includes transport to the end user and disposal of the product. The usage phase has no environmental impact.

After the completeness check all materials and processes are found to be included and represented in a full life cycle Cradle to Grave perspective.

Environmental performance related information

Functional Unit	The functional unit is one product. Data is also reported for one day of absorbent product use which is 4 products.
Product group classification	UN CPC 32193
Geographical area	Products sold in Europe
List of materials	In order to keep a level of confidentiality regarding the product composition the raw materials have been combined into three categories. For the calculations each products specification has been used.
Compliant with	This EPD follow the Book-keeping LCA approach which is defined as attributional LCA in the ISO 14040 standard. This EPD follow the PCR 2011:14 v. 3.02 Absorbent Hygiene Products. This PCR complies with the General Programme Instruction of the International EPD® System, version 3.01.
Cut-Off rules	For this LCA study a 1 % cut off rule was applied.
Reference year for data	Core process data from 2021. Data for pulp from 2018, SAP 2019. Other raw materials from 2016-2021. Article specifications from 2022. Generic data from ecoinvent 3.8.
Background data	All generic data comes from ecoinvent 3.8 except one dataset from Industry data 2.0.
Waste management scenario	The waste management allocation is based on Eurostat statistics from 2020 calculated with specific data from the 7 countries where Attends has most sales and an EU average used for the remaining countries. The result is 15 % to landfill and 85 % for incineration. According to the PCR the environmental impacts of incineration process with energy recovery shall be attributed 50% to the product and 50% to the energy recovery process. Benefits and credits of energy recovery are attributed 100% to energy recovery (outside system boundary).
PCR	PCR 2011 :14 Absorbent Hygiene Products (3.0.2)
Allocations	Polluter Pays / Allocation by Classification
Impact assessment methods	Total use of renewable and non-renewable resources was calculated with Cumulative Energy Demand 1.11 method. Emission of greenhouse gases was calculated using the IPCC 2021 GWP method with a 100-year horizon.
Software	Simapro 9.3

Attends Slip Active 8M

One absorbent product

Parameter		Unit	Total	Upstream	Core	Downstream
Global warming potential (GWP)	Fossil	kg CO ₂ eq.	0.144	0.085	0.014	0.045
	Biogenic	kg CO ₂ eq.	0.002	0.001	0.000	0.001
	Land use and land use change	kg CO ₂ eq.	0.001	0.000	0.000	0.000
	TOTAL	kg CO ₂ eq.	0.147	0.086	0.015	0.047
Acidification potential (AP)		kg SO ₂ eq.	7.69E-04	5.93E-04	9.97E-05	7.68E-05
Eutrophication potential (EP)		kg PO ₄ ³⁻ eq.	1.98E-04	1.41E-04	1.58E-05	4.08E-05
Photochemical oxidant creation potential (POCP)		kg NMVOC eq.	7.27E-04	5.27E-04	9.55E-05	1.05E-04
Abiotic depletion potential (ADP) - elements		kg Sb eq.	4.83E-07	3.94E-07	3.70E-08	5.19E-08
Abiotic depletion potential (ADP) - fossil resources		MJ, net calorific value	2.46E+00	2.05E+00	1.60E-01	2.50E-01
Water deprivation potential (WDP)		m ³ world eq.	1.48E-01	1.46E-01	1.82E-03	9.70E-04

Parameter		Unit	Total	Upstream	Core	Downstream
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorific value	1.20E+00	1.11E+00	7.95E-02	9.81E-03
	Used as raw materials	MJ, net calorific value	1.19E+00	1.19E+00	0.00E+00	0.00E+00
	Total	MJ, net calorific value	2.39E+00	2.30E+00	7.95E-02	9.81E-03
Primary energy resources – Non-renewable	Used as energy carrier	MJ, net calorific value	1.94E+00	1.49E+00	1.73E-01	2.73E-01
	Used as raw materials	MJ, net calorific value	9.64E-01	9.64E-01	0.00E+00	0.00E+00
	Total	MJ, net calorific value	2.90E+00	2.45E+00	1.73E-01	2.73E-01
Secondary material		Kg	N/A	N/A	N/A	N/A
Renewable secondary fuels		MJ, net calorific value	N/A	N/A	N/A	N/A
Non-renewable secondary fuels		MJ, net calorific value	N/A	N/A	N/A	N/A
Net use of fresh water		m ³	4.72E-03	4.51E-03	1.16E-04	9.97E-05

Parameter	Unit	Total	Upstream	Core	Downstream
Hazardous waste disposed	kg	3.10E-04	3.10E-04	2.18E-07	0.00E+00
Non-hazardous waste disposed	kg	6.40E-03	4.03E-03	2.37E-03	0.00E+00
Radioactive waste disposed	kg	4.15E-09	0.00E+00	4.15E-09	0.00E+00
Components for reuse	kg	N/A	N/A	N/A	N/A
Material for recycling	kg	6.19E-03	0.00E+00	6.19E-03	0.00E+00
Materials for energy recovery	kg	3.56E-02	0.00E+00	0.00E+00	3.56E-02
Exported energy, electricity	MJ	N/A	N/A	N/A	N/A
Exported energy, thermal	MJ	N/A	N/A	N/A	N/A

Attends Slip Active 8M

One day of absorbent product use

Parameter		Unit	Total	Upstream	Core	Downstream
Global warming potential (GWP)	Fossil	kg CO ₂ eq.	0.578	0.338	0.058	0.181
	Biogenic	kg CO ₂ eq.	0.008	0.003	0.000	0.005
	Land use and land use change	kg CO ₂ eq.	0.003	0.002	0.001	0.000
	TOTAL	kg CO ₂ eq.	0.589	0.343	0.059	0.186
Acidification potential (AP)		kg SO ₂ eq.	3.08E-03	2.37E-03	3.99E-04	3.07E-04
Eutrophication potential (EP)		kg PO ₄ ³⁻ eq.	7.92E-04	5.66E-04	6.32E-05	1.63E-04
Photochemical oxidant creation potential (POCP)		kg NMVOC eq.	2.91E-03	2.11E-03	3.82E-04	4.21E-04
Abiotic depletion potential (ADP) - elements		kg Sb eq.	1.93E-06	1.58E-06	1.48E-07	2.08E-07
Abiotic depletion potential (ADP) - fossil resources		MJ, net calorific value	9.82E+00	8.19E+00	6.38E-01	9.99E-01
Water deprivation potential (WDP)		m ³ world eq.	5.94E-01	5.83E-01	7.27E-03	3.88E-03

Parameter		Unit	Total	Upstream	Core	Downstream
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorific value	4.80E+00	4.44E+00	3.18E-01	3.92E-02
	Used as raw materials	MJ, net calorific value	4.76E+00	4.76E+00	0.00E+00	0.00E+00
	Total	MJ, net calorific value	9.56E+00	9.20E+00	3.18E-01	3.92E-02
Primary energy resources – Non-renewable	Used as energy carrier	MJ, net calorific value	7.74E+00	5.96E+00	6.94E-01	1.09E+00
	Used as raw materials	MJ, net calorific value	3.86E+00	3.86E+00	0.00E+00	0.00E+00
	Total	MJ, net calorific value	1.16E+01	9.81E+00	6.94E-01	1.09E+00
Secondary material		Kg	N/A	N/A	N/A	N/A
Renewable secondary fuels		MJ, net calorific value	N/A	N/A	N/A	N/A
Non-renewable secondary fuels		MJ, net calorific value	N/A	N/A	N/A	N/A
Net use of fresh water		m ³	1.89E-02	1.80E-02	4.62E-04	3.99E-04

Parameter	Unit	Total	Upstream	Core	Downstream
Hazardous waste disposed	kg	1.24E-03	1.24E-03	8.73E-07	0.00E+00
Non-hazardous waste disposed	kg	2.56E-02	1.61E-02	9.49E-03	0.00E+00
Radioactive waste disposed	kg	1.66E-08	0.00E+00	1.66E-08	0.00E+00
Components for reuse	kg	N/A	N/A	N/A	N/A
Material for recycling	kg	2.48E-02	0.00E+00	2.48E-02	0.00E+00
Materials for energy recovery	kg	1.42E-01	0.00E+00	0.00E+00	1.42E-01
Exported energy, electricity	MJ	N/A	N/A	N/A	N/A
Exported energy, thermal	MJ	N/A	N/A	N/A	N/A

Attends Slip Active 9M

One absorbent product

Parameter		Unit	Total	Upstream	Core	Downstream
Global warming potential (GWP)	Fossil	kg CO ₂ eq.	0.159	0.093	0.016	0.051
	Biogenic	kg CO ₂ eq.	0.002	0.001	0.000	0.001
	Land use and land use change	kg CO ₂ eq.	0.001	0.000	0.000	0.000
	TOTAL	kg CO ₂ eq.	0.162	0.094	0.016	0.052
Acidification potential (AP)		kg SO ₂ eq.	8.17E-04	6.14E-04	1.20E-04	8.28E-05
Eutrophication potential (EP)		kg PO ₄ ³⁻ eq.	2.10E-04	1.47E-04	1.81E-05	4.47E-05
Photochemical oxidant creation potential (POCP)		kg NMVOC eq.	7.89E-04	5.63E-04	1.13E-04	1.13E-04
Abiotic depletion potential (ADP) - elements		kg Sb eq.	5.00E-07	4.04E-07	3.93E-08	5.60E-08
Abiotic depletion potential (ADP) - fossil resources		MJ, net calorific value	2.69E+00	2.24E+00	1.74E-01	2.69E-01
Water deprivation potential (WDP)		m ³ world eq.	1.56E-01	1.53E-01	1.85E-03	1.04E-03

Parameter		Unit	Total	Upstream	Core	Downstream
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorific value	1.26E+00	1.17E+00	7.97E-02	1.06E-02
	Used as raw materials	MJ, net calorific value	1.25E+00	1.25E+00	0.00E+00	0.00E+00
	Total	MJ, net calorific value	2.51E+00	2.42E+00	7.97E-02	1.06E-02
Primary energy resources – Non-renewable	Used as energy carrier	MJ, net calorific value	2.08E+00	1.60E+00	1.89E-01	2.94E-01
	Used as raw materials	MJ, net calorific value	1.10E+00	1.10E+00	0.00E+00	0.00E+00
	Total	MJ, net calorific value	3.19E+00	2.71E+00	1.89E-01	2.94E-01
Secondary material		Kg	N/A	N/A	N/A	N/A
Renewable secondary fuels		MJ, net calorific value	N/A	N/A	N/A	N/A
Non-renewable secondary fuels		MJ, net calorific value	N/A	N/A	N/A	N/A
Net use of fresh water		m ³	4.99E-03	4.76E-03	1.17E-04	1.06E-04

Parameter	Unit	Total	Upstream	Core	Downstream
Hazardous waste disposed	kg	4.46E-04	4.45E-04	2.18E-07	0.00E+00
Non-hazardous waste disposed	kg	8.17E-03	5.80E-03	2.37E-03	0.00E+00
Radioactive waste disposed	kg	4.15E-09	0.00E+00	4.15E-09	0.00E+00
Components for reuse	kg	N/A	N/A	N/A	N/A
Material for recycling	kg	6.42E-03	0.00E+00	6.42E-03	0.00E+00
Materials for energy recovery	kg	3.84E-02	0.00E+00	0.00E+00	3.84E-02
Exported energy, electricity	MJ	N/A	N/A	N/A	N/A
Exported energy, thermal	MJ	N/A	N/A	N/A	N/A

Attends Slip Active 9M

One day of absorbent product use

Parameter		Unit	Total	Upstream	Core	Downstream
Global warming potential (GWP)	Fossil	kg CO ₂ eq.	0.636	0.372	0.062	0.202
	Biogenic	kg CO ₂ eq.	0.008	0.003	0.000	0.005
	Land use and land use change	kg CO ₂ eq.	0.003	0.002	0.001	0.000
	TOTAL	kg CO ₂ eq.	0.648	0.377	0.063	0.207
Acidification potential (AP)		kg SO ₂ eq.	3.27E-03	2.46E-03	4.82E-04	3.31E-04
Eutrophication potential (EP)		kg PO ₄ ³⁻ eq.	8.40E-04	5.89E-04	7.23E-05	1.79E-04
Photochemical oxidant creation potential (POCP)		kg NMVOC eq.	3.16E-03	2.25E-03	4.52E-04	4.53E-04
Abiotic depletion potential (ADP) - elements		kg Sb eq.	2.00E-06	1.62E-06	1.57E-07	2.24E-07
Abiotic depletion potential (ADP) - fossil resources		MJ, net calorific value	1.08E+01	8.98E+00	6.96E-01	1.08E+00
Water deprivation potential (WDP)		m ³ world eq.	6.24E-01	6.12E-01	7.41E-03	4.17E-03

Parameter		Unit	Total	Upstream	Core	Downstream
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorific value	5.05E+00	4.69E+00	3.19E-01	4.23E-02
	Used as raw materials	MJ, net calorific value	5.00E+00	5.00E+00	0.00E+00	0.00E+00
	Total	MJ, net calorific value	1.01E+01	9.69E+00	3.19E-01	4.23E-02
Primary energy resources – Non-renewable	Used as energy carrier	MJ, net calorific value	8.34E+00	6.41E+00	7.56E-01	1.18E+00
	Used as raw materials	MJ, net calorific value	4.42E+00	4.42E+00	0.00E+00	0.00E+00
	Total	MJ, net calorific value	1.28E+01	1.08E+01	7.56E-01	1.18E+00
Secondary material		Kg	N/A	N/A	N/A	N/A
Renewable secondary fuels		MJ, net calorific value	N/A	N/A	N/A	N/A
Non-renewable secondary fuels		MJ, net calorific value	N/A	N/A	N/A	N/A
Net use of fresh water		m ³	2.00E-02	1.91E-02	4.69E-04	4.26E-04

Parameter	Unit	Total	Upstream	Core	Downstream
Hazardous waste disposed	kg	1.78E-03	1.78E-03	8.73E-07	0.00E+00
Non-hazardous waste disposed	kg	3.27E-02	2.32E-02	9.49E-03	0.00E+00
Radioactive waste disposed	kg	1.66E-08	0.00E+00	1.66E-08	0.00E+00
Components for reuse	kg	N/A	N/A	N/A	N/A
Material for recycling	kg	2.57E-02	0.00E+00	2.57E-02	0.00E+00
Materials for energy recovery	kg	1.54E-01	0.00E+00	0.00E+00	1.54E-01
Exported energy, electricity	MJ	N/A	N/A	N/A	N/A
Exported energy, thermal	MJ	N/A	N/A	N/A	N/A

Attends Slip Active 10M

One absorbent product

Parameter		Unit	Total	Upstream	Core	Downstream
Global warming potential (GWP)	Fossil	kg CO ₂ eq.	0.197	0.115	0.018	0.064
	Biogenic	kg CO ₂ eq.	0.002	0.001	0.000	0.001
	Land use and land use change	kg CO ₂ eq.	0.001	0.000	0.000	0.000
	TOTAL	kg CO ₂ eq.	0.200	0.116	0.018	0.065
Acidification potential (AP)		kg SO ₂ eq.	9.32E-04	6.60E-04	1.76E-04	9.54E-05
Eutrophication potential (EP)		kg PO ₄ ³⁻ eq.	2.37E-04	1.59E-04	2.41E-05	5.44E-05
Photochemical oxidant creation potential (POCP)		kg NMVOC eq.	9.40E-04	6.49E-04	1.60E-04	1.31E-04
Abiotic depletion potential (ADP) - elements		kg Sb eq.	5.29E-07	4.20E-07	4.42E-08	6.45E-08
Abiotic depletion potential (ADP) - fossil resources		MJ, net calorific value	3.29E+00	2.77E+00	2.08E-01	3.11E-01
Water deprivation potential (WDP)		m ³ world eq.	1.69E-01	1.66E-01	1.93E-03	1.20E-03

Parameter		Unit	Total	Upstream	Core	Downstream
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorific value	1.34E+00	1.25E+00	8.00E-02	1.22E-02
	Used as raw materials	MJ, net calorific value	1.34E+00	1.34E+00	0.00E+00	0.00E+00
	Total	MJ, net calorific value	2.68E+00	2.59E+00	8.00E-02	1.22E-02
Primary energy resources – Non-renewable	Used as energy carrier	MJ, net calorific value	2.46E+00	1.89E+00	2.26E-01	3.40E-01
	Used as raw materials	MJ, net calorific value	1.48E+00	1.48E+00	0.00E+00	0.00E+00
	Total	MJ, net calorific value	3.94E+00	3.37E+00	2.26E-01	3.40E-01
Secondary material		Kg	N/A	N/A	N/A	N/A
Renewable secondary fuels		MJ, net calorific value	N/A	N/A	N/A	N/A
Non-renewable secondary fuels		MJ, net calorific value	N/A	N/A	N/A	N/A
Net use of fresh water		m ³	5.42E-03	5.18E-03	1.21E-04	1.19E-04

Parameter	Unit	Total	Upstream	Core	Downstream
Hazardous waste disposed	kg	8.13E-04	8.13E-04	2.18E-07	0.00E+00
Non-hazardous waste disposed	kg	1.30E-02	1.06E-02	2.37E-03	0.00E+00
Radioactive waste disposed	kg	4.15E-09	0.00E+00	4.15E-09	0.00E+00
Components for reuse	kg	N/A	N/A	N/A	N/A
Material for recycling	kg	6.89E-03	0.00E+00	6.89E-03	0.00E+00
Materials for energy recovery	kg	4.43E-02	0.00E+00	0.00E+00	4.43E-02
Exported energy, electricity	MJ	N/A	N/A	N/A	N/A
Exported energy, thermal	MJ	N/A	N/A	N/A	N/A

Attends Slip Active 10M

One day of absorbent product use

Parameter		Unit	Total	Upstream	Core	Downstream
Global warming potential (GWP)	Fossil	kg CO ₂ eq.	0.787	0.459	0.072	0.256
	Biogenic	kg CO ₂ eq.	0.009	0.003	0.000	0.006
	Land use and land use change	kg CO ₂ eq.	0.003	0.002	0.001	0.000
	TOTAL	kg CO ₂ eq.	0.799	0.464	0.074	0.261
Acidification potential (AP)		kg SO ₂ eq.	3.73E-03	2.64E-03	7.04E-04	3.82E-04
Eutrophication potential (EP)		kg PO ₄ ³⁻ eq.	9.49E-04	6.35E-04	9.63E-05	2.18E-04
Photochemical oxidant creation potential (POCP)		kg NMVOC eq.	3.76E-03	2.60E-03	6.40E-04	5.22E-04
Abiotic depletion potential (ADP) - elements		kg Sb eq.	2.12E-06	1.68E-06	1.77E-07	2.58E-07
Abiotic depletion potential (ADP) - fossil resources		MJ, net calorific value	1.32E+01	1.11E+01	8.33E-01	1.24E+00
Water deprivation potential (WDP)		m ³ world eq.	6.75E-01	6.63E-01	7.70E-03	4.79E-03

Parameter		Unit	Total	Upstream	Core	Downstream
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorific value	5.37E+00	5.00E+00	3.20E-01	4.87E-02
	Used as raw materials	MJ, net calorific value	5.35E+00	5.35E+00	0.00E+00	0.00E+00
	Total	MJ, net calorific value	1.07E+01	1.04E+01	3.20E-01	4.87E-02
Primary energy resources – Non-renewable	Used as energy carrier	MJ, net calorific value	9.82E+00	7.56E+00	9.03E-01	1.36E+00
	Used as raw materials	MJ, net calorific value	5.94E+00	5.94E+00	0.00E+00	0.00E+00
	Total	MJ, net calorific value	1.58E+01	1.35E+01	9.03E-01	1.36E+00
Secondary material		Kg	N/A	N/A	N/A	N/A
Renewable secondary fuels		MJ, net calorific value	N/A	N/A	N/A	N/A
Non-renewable secondary fuels		MJ, net calorific value	N/A	N/A	N/A	N/A
Net use of fresh water		m ³	2.17E-02	2.07E-02	4.85E-04	4.78E-04

Parameter	Unit	Total	Upstream	Core	Downstream
Hazardous waste disposed	kg	3.25E-03	3.25E-03	8.73E-07	0.00E+00
Non-hazardous waste disposed	kg	5.18E-02	4.24E-02	9.49E-03	0.00E+00
Radioactive waste disposed	kg	1.66E-08	0.00E+00	1.66E-08	0.00E+00
Components for reuse	kg	N/A	N/A	N/A	N/A
Material for recycling	kg	2.76E-02	0.00E+00	2.76E-02	0.00E+00
Materials for energy recovery	kg	1.77E-01	0.00E+00	0.00E+00	1.77E-01
Exported energy, electricity	MJ	N/A	N/A	N/A	N/A
Exported energy, thermal	MJ	N/A	N/A	N/A	N/A

Attends Slip Active 8L

One absorbent product

Parameter		Unit	Total	Upstream	Core	Downstream
Global warming potential (GWP)	Fossil	kg CO ₂ eq.	0.178	0.104	0.016	0.057
	Biogenic	kg CO ₂ eq.	0.002	0.001	0.000	0.002
	Land use and land use change	kg CO ₂ eq.	0.001	0.001	0.000	0.000
	TOTAL	kg CO ₂ eq.	0.181	0.106	0.016	0.059
Acidification potential (AP)		kg SO ₂ eq.	9.27E-04	7.19E-04	1.16E-04	9.20E-05
Eutrophication potential (EP)		kg PO ₄ ³⁻ eq.	2.37E-04	1.68E-04	1.79E-05	5.07E-05
Photochemical oxidant creation potential (POCP)		kg NMVOC eq.	8.76E-04	6.40E-04	1.10E-04	1.26E-04
Abiotic depletion potential (ADP) - elements		kg Sb eq.	5.66E-07	4.61E-07	4.22E-08	6.21E-08
Abiotic depletion potential (ADP) - fossil resources		MJ, net calorific value	3.10E+00	2.62E+00	1.85E-01	2.99E-01
Water deprivation potential (WDP)		m ³ world eq.	1.77E-01	1.74E-01	1.89E-03	1.16E-03

Parameter		Unit	Total	Upstream	Core	Downstream
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorific value	1.38E+00	1.29E+00	7.99E-02	1.17E-02
	Used as raw materials	MJ, net calorific value	1.37E+00	1.37E+00	0.00E+00	0.00E+00
	Total	MJ, net calorific value	2.75E+00	2.66E+00	7.99E-02	1.17E-02
Primary energy resources – Non-renewable	Used as energy carrier	MJ, net calorific value	2.38E+00	1.86E+00	2.00E-01	3.27E-01
	Used as raw materials	MJ, net calorific value	1.26E+00	1.26E+00	0.00E+00	0.00E+00
	Total	MJ, net calorific value	3.65E+00	3.12E+00	2.00E-01	3.27E-01
Secondary material		Kg	N/A	N/A	N/A	N/A
Renewable secondary fuels		MJ, net calorific value	N/A	N/A	N/A	N/A
Non-renewable secondary fuels		MJ, net calorific value	N/A	N/A	N/A	N/A
Net use of fresh water		m ³	5.42E-03	5.18E-03	1.19E-04	1.18E-04

Parameter	Unit	Total	Upstream	Core	Downstream
Hazardous waste disposed	kg	3.87E-04	3.87E-04	2.18E-07	0.00E+00
Non-hazardous waste disposed	kg	7.41E-03	5.04E-03	2.37E-03	0.00E+00
Radioactive waste disposed	kg	4.15E-09	0.00E+00	4.15E-09	0.00E+00
Components for reuse	kg	N/A	N/A	N/A	N/A
Material for recycling	kg	6.72E-03	0.00E+00	6.72E-03	0.00E+00
Materials for energy recovery	kg	4.26E-02	0.00E+00	0.00E+00	4.26E-02
Exported energy, electricity	MJ	N/A	N/A	N/A	N/A
Exported energy, thermal	MJ	N/A	N/A	N/A	N/A

Attends Slip Active 8L

One day of absorbent product use

Parameter		Unit	Total	Upstream	Core	Downstream
Global warming potential (GWP)	Fossil	kg CO ₂ eq.	0.711	0.417	0.065	0.230
	Biogenic	kg CO ₂ eq.	0.010	0.003	0.000	0.006
	Land use and land use change	kg CO ₂ eq.	0.004	0.002	0.001	0.000
	TOTAL	kg CO ₂ eq.	0.724	0.423	0.066	0.236
Acidification potential (AP)		kg SO ₂ eq.	3.71E-03	2.88E-03	4.65E-04	3.68E-04
Eutrophication potential (EP)		kg PO ₄ ³⁻ eq.	9.46E-04	6.72E-04	7.16E-05	2.03E-04
Photochemical oxidant creation potential (POCP)		kg NMVOC eq.	3.50E-03	2.56E-03	4.41E-04	5.03E-04
Abiotic depletion potential (ADP) - elements		kg Sb eq.	2.26E-06	1.85E-06	1.69E-07	2.49E-07
Abiotic depletion potential (ADP) - fossil resources		MJ, net calorific value	1.24E+01	1.05E+01	7.38E-01	1.20E+00
Water deprivation potential (WDP)		m ³ world eq.	7.08E-01	6.96E-01	7.55E-03	4.65E-03

Parameter		Unit	Total	Upstream	Core	Downstream
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorific value	5.53E+00	5.16E+00	3.19E-01	4.69E-02
	Used as raw materials	MJ, net calorific value	5.48E+00	5.48E+00	0.00E+00	0.00E+00
	Total	MJ, net calorific value	1.10E+01	1.06E+01	3.19E-01	4.69E-02
Primary energy resources – Non-renewable	Used as energy carrier	MJ, net calorific value	9.54E+00	7.43E+00	8.02E-01	1.31E+00
	Used as raw materials	MJ, net calorific value	5.05E+00	5.05E+00	0.00E+00	0.00E+00
	Total	MJ, net calorific value	1.46E+01	1.25E+01	8.02E-01	1.31E+00
Secondary material		Kg	N/A	N/A	N/A	N/A
Renewable secondary fuels		MJ, net calorific value	N/A	N/A	N/A	N/A
Non-renewable secondary fuels		MJ, net calorific value	N/A	N/A	N/A	N/A
Net use of fresh water		m ³	2.17E-02	2.07E-02	4.78E-04	4.71E-04

Parameter	Unit	Total	Upstream	Core	Downstream
Hazardous waste disposed	kg	1.55E-03	1.55E-03	8.73E-07	0.00E+00
Non-hazardous waste disposed	kg	2.97E-02	2.02E-02	9.49E-03	0.00E+00
Radioactive waste disposed	kg	1.66E-08	0.00E+00	1.66E-08	0.00E+00
Components for reuse	kg	N/A	N/A	N/A	N/A
Material for recycling	kg	2.69E-02	0.00E+00	2.69E-02	0.00E+00
Materials for energy recovery	kg	1.71E-01	0.00E+00	0.00E+00	1.71E-01
Exported energy, electricity	MJ	N/A	N/A	N/A	N/A
Exported energy, thermal	MJ	N/A	N/A	N/A	N/A

Attends Slip Active 9L

One absorbent product

Parameter		Unit	Total	Upstream	Core	Downstream
Global warming potential (GWP)	Fossil	kg CO ₂ eq.	0.194	0.114	0.017	0.063
	Biogenic	kg CO ₂ eq.	0.003	0.001	0.000	0.002
	Land use and land use change	kg CO ₂ eq.	0.001	0.001	0.000	0.000
	TOTAL	kg CO ₂ eq.	0.198	0.115	0.018	0.065
Acidification potential (AP)		kg SO ₂ eq.	9.85E-04	7.47E-04	1.37E-04	1.00E-04
Eutrophication potential (EP)		kg PO ₄ ³⁻ eq.	2.53E-04	1.77E-04	2.03E-05	5.54E-05
Photochemical oxidant creation potential (POCP)		kg NMVOC eq.	9.48E-04	6.83E-04	1.28E-04	1.37E-04
Abiotic depletion potential (ADP) - elements		kg Sb eq.	5.93E-07	4.81E-07	4.50E-08	6.77E-08
Abiotic depletion potential (ADP) - fossil resources		MJ, net calorific value	3.36E+00	2.83E+00	2.01E-01	3.26E-01
Water deprivation potential (WDP)		m ³ world eq.	1.88E-01	1.85E-01	1.93E-03	1.26E-03

Parameter		Unit	Total	Upstream	Core	Downstream
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorific value	1.48E+00	1.39E+00	8.00E-02	1.28E-02
	Used as raw materials	MJ, net calorific value	1.48E+00	1.48E+00	0.00E+00	0.00E+00
	Total	MJ, net calorific value	2.96E+00	2.87E+00	8.00E-02	1.28E-02
Primary energy resources – Non-renewable	Used as energy carrier	MJ, net calorific value	2.56E+00	1.99E+00	2.19E-01	3.56E-01
	Used as raw materials	MJ, net calorific value	1.40E+00	1.40E+00	0.00E+00	0.00E+00
	Total	MJ, net calorific value	3.96E+00	3.39E+00	2.19E-01	3.56E-01
Secondary material		Kg	N/A	N/A	N/A	N/A
Renewable secondary fuels		MJ, net calorific value	N/A	N/A	N/A	N/A
Non-renewable secondary fuels		MJ, net calorific value	N/A	N/A	N/A	N/A
Net use of fresh water		m ³	5.84E-03	5.59E-03	1.22E-04	1.28E-04

Parameter	Unit	Total	Upstream	Core	Downstream
Hazardous waste disposed	kg	5.23E-04	5.23E-04	2.18E-07	0.00E+00
Non-hazardous waste disposed	kg	9.18E-03	6.81E-03	2.37E-03	0.00E+00
Radioactive waste disposed	kg	4.15E-09	0.00E+00	4.15E-09	0.00E+00
Components for reuse	kg	N/A	N/A	N/A	N/A
Material for recycling	kg	7.02E-03	0.00E+00	7.02E-03	0.00E+00
Materials for energy recovery	kg	4.65E-02	0.00E+00	0.00E+00	4.65E-02
Exported energy, electricity	MJ	N/A	N/A	N/A	N/A
Exported energy, thermal	MJ	N/A	N/A	N/A	N/A

Attends Slip Active 9L

One day of absorbent product use

Parameter		Unit	Total	Upstream	Core	Downstream
Global warming potential (GWP)	Fossil	kg CO ₂ eq.	0.777	0.455	0.070	0.253
	Biogenic	kg CO ₂ eq.	0.010	0.004	0.000	0.007
	Land use and land use change	kg CO ₂ eq.	0.004	0.003	0.001	0.000
	TOTAL	kg CO ₂ eq.	0.791	0.461	0.071	0.259
Acidification potential (AP)		kg SO ₂ eq.	3.94E-03	2.99E-03	5.50E-04	4.01E-04
Eutrophication potential (EP)		kg PO ₄ ³⁻ eq.	1.01E-03	7.09E-04	8.10E-05	2.22E-04
Photochemical oxidant creation potential (POCP)		kg NMVOC eq.	3.79E-03	2.73E-03	5.13E-04	5.48E-04
Abiotic depletion potential (ADP) - elements		kg Sb eq.	2.37E-06	1.92E-06	1.80E-07	2.71E-07
Abiotic depletion potential (ADP) - fossil resources		MJ, net calorific value	1.34E+01	1.13E+01	8.06E-01	1.30E+00
Water deprivation potential (WDP)		m ³ world eq.	7.53E-01	7.41E-01	7.72E-03	5.05E-03

Parameter		Unit	Total	Upstream	Core	Downstream
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorific value	5.92E+00	5.55E+00	3.20E-01	5.11E-02
	Used as raw materials	MJ, net calorific value	5.92E+00	5.92E+00	0.00E+00	0.00E+00
	Total	MJ, net calorific value	1.18E+01	1.15E+01	3.20E-01	5.11E-02
Primary energy resources – Non-renewable	Used as energy carrier	MJ, net calorific value	1.02E+01	7.95E+00	8.75E-01	1.42E+00
	Used as raw materials	MJ, net calorific value	5.61E+00	5.61E+00	0.00E+00	0.00E+00
	Total	MJ, net calorific value	1.59E+01	1.36E+01	8.75E-01	1.42E+00
Secondary material		Kg	N/A	N/A	N/A	N/A
Renewable secondary fuels		MJ, net calorific value	N/A	N/A	N/A	N/A
Non-renewable secondary fuels		MJ, net calorific value	N/A	N/A	N/A	N/A
Net use of fresh water		m ³	2.34E-02	2.24E-02	4.86E-04	5.11E-04

Parameter	Unit	Total	Upstream	Core	Downstream
Hazardous waste disposed	kg	2.09E-03	2.09E-03	8.73E-07	0.00E+00
Non-hazardous waste disposed	kg	3.67E-02	2.72E-02	9.49E-03	0.00E+00
Radioactive waste disposed	kg	1.66E-08	0.00E+00	1.66E-08	0.00E+00
Components for reuse	kg	N/A	N/A	N/A	N/A
Material for recycling	kg	2.81E-02	0.00E+00	2.81E-02	0.00E+00
Materials for energy recovery	kg	1.86E-01	0.00E+00	0.00E+00	1.86E-01
Exported energy, electricity	MJ	N/A	N/A	N/A	N/A
Exported energy, thermal	MJ	N/A	N/A	N/A	N/A

Attends Slip Active 10L

One absorbent product

Parameter		Unit	Total	Upstream	Core	Downstream
Global warming potential (GWP)	Fossil	kg CO ₂ eq.	0.240	0.141	0.021	0.079
	Biogenic	kg CO ₂ eq.	0.003	0.001	0.000	0.002
	Land use and land use change	kg CO ₂ eq.	0.001	0.001	0.000	0.000
	TOTAL	kg CO ₂ eq.	0.245	0.143	0.021	0.081
Acidification potential (AP)		kg SO ₂ eq.	1.13E-03	8.15E-04	1.99E-04	1.19E-04
Eutrophication potential (EP)		kg PO ₄ ³⁻ eq.	2.95E-04	2.00E-04	2.70E-05	6.83E-05
Photochemical oxidant creation potential (POCP)		kg NMVOC eq.	1.14E-03	7.95E-04	1.81E-04	1.63E-04
Abiotic depletion potential (ADP) - elements		kg Sb eq.	6.51E-07	5.19E-07	5.15E-08	8.04E-08
Abiotic depletion potential (ADP) - fossil resources		MJ, net calorific value	4.08E+00	3.45E+00	2.43E-01	3.87E-01
Water deprivation potential (WDP)		m ³ world eq.	2.08E-01	2.05E-01	2.02E-03	1.49E-03

Parameter		Unit	Total	Upstream	Core	Downstream
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorific value	1.59E+00	1.50E+00	8.04E-02	1.52E-02
	Used as raw materials	MJ, net calorific value	1.68E+00	1.68E+00	0.00E+00	0.00E+00
	Total	MJ, net calorific value	3.27E+00	3.18E+00	8.04E-02	1.52E-02
Primary energy resources – Non-renewable	Used as energy carrier	MJ, net calorific value	3.04E+00	2.36E+00	2.64E-01	4.23E-01
	Used as raw materials	MJ, net calorific value	1.82E+00	1.82E+00	0.00E+00	0.00E+00
	Total	MJ, net calorific value	4.86E+00	4.18E+00	2.64E-01	4.23E-01
Secondary material		Kg	N/A	N/A	N/A	N/A
Renewable secondary fuels		MJ, net calorific value	N/A	N/A	N/A	N/A
Non-renewable secondary fuels		MJ, net calorific value	N/A	N/A	N/A	N/A
Net use of fresh water		m ³	6.58E-03	6.30E-03	1.27E-04	1.49E-04

Parameter	Unit	Total	Upstream	Core	Downstream
Hazardous waste disposed	kg	9.29E-04	9.29E-04	2.18E-07	0.00E+00
Non-hazardous waste disposed	kg	1.45E-02	1.21E-02	2.37E-03	0.00E+00
Radioactive waste disposed	kg	4.15E-09	0.00E+00	4.15E-09	0.00E+00
Components for reuse	kg	N/A	N/A	N/A	N/A
Material for recycling	kg	7.63E-03	0.00E+00	7.63E-03	0.00E+00
Materials for energy recovery	kg	5.52E-02	0.00E+00	0.00E+00	5.52E-02
Exported energy, electricity	MJ	N/A	N/A	N/A	N/A
Exported energy, thermal	MJ	N/A	N/A	N/A	N/A

Attends Slip Active 10L

One day of absorbent product use

Parameter		Unit	Total	Upstream	Core	Downstream
Global warming potential (GWP)	Fossil	kg CO ₂ eq.	0.961	0.563	0.082	0.316
	Biogenic	kg CO ₂ eq.	0.014	0.004	0.000	0.009
	Land use and land use change	kg CO ₂ eq.	0.004	0.003	0.001	0.000
	TOTAL	kg CO ₂ eq.	0.979	0.570	0.083	0.325
Acidification potential (AP)		kg SO ₂ eq.	4.53E-03	3.26E-03	7.98E-04	4.75E-04
Eutrophication potential (EP)		kg PO ₄ ³⁻ eq.	1.18E-03	7.99E-04	1.08E-04	2.73E-04
Photochemical oxidant creation potential (POCP)		kg NMVOC eq.	4.55E-03	3.18E-03	7.23E-04	6.51E-04
Abiotic depletion potential (ADP) - elements		kg Sb eq.	2.60E-06	2.08E-06	2.06E-07	3.22E-07
Abiotic depletion potential (ADP) - fossil resources		MJ, net calorific value	1.63E+01	1.38E+01	9.74E-01	1.55E+00
Water deprivation potential (WDP)		m ³ world eq.	8.33E-01	8.19E-01	8.09E-03	5.97E-03

Parameter		Unit	Total	Upstream	Core	Downstream
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorific value	6.37E+00	5.99E+00	3.22E-01	6.07E-02
	Used as raw materials	MJ, net calorific value	6.72E+00	6.72E+00	0.00E+00	0.00E+00
	Total	MJ, net calorific value	1.31E+01	1.27E+01	3.22E-01	6.07E-02
Primary energy resources – Non-renewable	Used as energy carrier	MJ, net calorific value	1.22E+01	9.42E+00	1.06E+00	1.69E+00
	Used as raw materials	MJ, net calorific value	7.29E+00	7.29E+00	0.00E+00	0.00E+00
	Total	MJ, net calorific value	1.95E+01	1.67E+01	1.06E+00	1.69E+00
Secondary material		Kg	N/A	N/A	N/A	N/A
Renewable secondary fuels		MJ, net calorific value	N/A	N/A	N/A	N/A
Non-renewable secondary fuels		MJ, net calorific value	N/A	N/A	N/A	N/A
Net use of fresh water		m ³	2.63E-02	2.52E-02	5.07E-04	5.95E-04

Parameter	Unit	Total	Upstream	Core	Downstream
Hazardous waste disposed	kg	3.72E-03	3.72E-03	8.73E-07	0.00E+00
Non-hazardous waste disposed	kg	5.79E-02	4.84E-02	9.49E-03	0.00E+00
Radioactive waste disposed	kg	1.66E-08	0.00E+00	1.66E-08	0.00E+00
Components for reuse	kg	N/A	N/A	N/A	N/A
Material for recycling	kg	3.05E-02	0.00E+00	3.05E-02	0.00E+00
Materials for energy recovery	kg	2.21E-01	0.00E+00	0.00E+00	2.21E-01
Exported energy, electricity	MJ	N/A	N/A	N/A	N/A
Exported energy, thermal	MJ	N/A	N/A	N/A	N/A

Attends Slip Regular 8M

One absorbent product

Parameter		Unit	Total	Upstream	Core	Downstream
Global warming potential (GWP)	Fossil	kg CO ₂ eq.	0.152	0.090	0.015	0.047
	Biogenic	kg CO ₂ eq.	0.002	0.001	0.000	0.001
	Land use and land use change	kg CO ₂ eq.	0.001	0.001	0.000	0.000
	TOTAL	kg CO ₂ eq.	0.155	0.092	0.015	0.048
Acidification potential (AP)		kg SO ₂ eq.	8.43E-04	6.64E-04	1.00E-04	7.86E-05
Eutrophication potential (EP)		kg PO ₄ ³⁻ eq.	2.13E-04	1.55E-04	1.59E-05	4.20E-05
Photochemical oxidant creation potential (POCP)		kg NMVOC eq.	7.76E-04	5.73E-04	9.59E-05	1.08E-04
Abiotic depletion potential (ADP) - elements		kg Sb eq.	4.69E-07	3.79E-07	3.73E-08	5.32E-08
Abiotic depletion potential (ADP) - fossil resources		MJ, net calorific value	2.68E+00	2.26E+00	1.61E-01	2.56E-01
Water deprivation potential (WDP)		m ³ world eq.	1.49E-01	1.47E-01	1.82E-03	9.99E-04

Parameter		Unit	Total	Upstream	Core	Downstream
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorific value	1.25E+00	1.16E+00	7.96E-02	1.00E-02
	Used as raw materials	MJ, net calorific value	1.19E+00	1.19E+00	0.00E+00	0.00E+00
	Total	MJ, net calorific value	2.44E+00	2.35E+00	7.96E-02	1.00E-02
Primary energy resources – Non-renewable	Used as energy carrier	MJ, net calorific value	2.10E+00	1.64E+00	1.75E-01	2.80E-01
	Used as raw materials	MJ, net calorific value	1.05E+00	1.05E+00	0.00E+00	0.00E+00
	Total	MJ, net calorific value	3.15E+00	2.69E+00	1.75E-01	2.80E-01
Secondary material		Kg	N/A	N/A	N/A	N/A
Renewable secondary fuels		MJ, net calorific value	N/A	N/A	N/A	N/A
Non-renewable secondary fuels		MJ, net calorific value	N/A	N/A	N/A	N/A
Net use of fresh water		m ³	4.77E-03	4.55E-03	1.16E-04	1.01E-04

Parameter	Unit	Total	Upstream	Core	Downstream
Hazardous waste disposed	kg	3.10E-04	3.10E-04	2.18E-07	0.00E+00
Non-hazardous waste disposed	kg	6.40E-03	4.03E-03	2.37E-03	0.00E+00
Radioactive waste disposed	kg	4.15E-09	0.00E+00	4.15E-09	0.00E+00
Components for reuse	kg	N/A	N/A	N/A	N/A
Material for recycling	kg	6.26E-03	0.00E+00	6.26E-03	0.00E+00
Materials for energy recovery	kg	3.65E-02	0.00E+00	0.00E+00	3.65E-02
Exported energy, electricity	MJ	N/A	N/A	N/A	N/A
Exported energy, thermal	MJ	N/A	N/A	N/A	N/A

Attends Slip Regular 8M

One day of absorbent product use

Parameter		Unit	Total	Upstream	Core	Downstream
Global warming potential (GWP)	Fossil	kg CO ₂ eq.	0.607	0.361	0.058	0.188
	Biogenic	kg CO ₂ eq.	0.008	0.003	0.000	0.005
	Land use and land use change	kg CO ₂ eq.	0.004	0.002	0.001	0.000
	TOTAL	kg CO ₂ eq.	0.619	0.366	0.059	0.193
Acidification potential (AP)		kg SO ₂ eq.	3.37E-03	2.66E-03	4.00E-04	3.14E-04
Eutrophication potential (EP)		kg PO ₄ ³⁻ eq.	8.50E-04	6.19E-04	6.35E-05	1.68E-04
Photochemical oxidant creation potential (POCP)		kg NMVOC eq.	3.10E-03	2.29E-03	3.84E-04	4.30E-04
Abiotic depletion potential (ADP) - elements		kg Sb eq.	1.88E-06	1.51E-06	1.49E-07	2.13E-07
Abiotic depletion potential (ADP) - fossil resources		MJ, net calorific value	1.07E+01	9.05E+00	6.44E-01	1.02E+00
Water deprivation potential (WDP)		m ³ world eq.	5.98E-01	5.86E-01	7.29E-03	4.00E-03

Parameter		Unit	Total	Upstream	Core	Downstream
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorific value	5.00E+00	4.65E+00	3.18E-01	4.02E-02
	Used as raw materials	MJ, net calorific value	4.76E+00	4.76E+00	0.00E+00	0.00E+00
	Total	MJ, net calorific value	9.77E+00	9.41E+00	3.18E-01	4.02E-02
Primary energy resources – Non-renewable	Used as energy carrier	MJ, net calorific value	8.40E+00	6.58E+00	7.00E-01	1.12E+00
	Used as raw materials	MJ, net calorific value	4.19E+00	4.19E+00	0.00E+00	0.00E+00
	Total	MJ, net calorific value	1.26E+01	1.08E+01	7.00E-01	1.12E+00
Secondary material		Kg	N/A	N/A	N/A	N/A
Renewable secondary fuels		MJ, net calorific value	N/A	N/A	N/A	N/A
Non-renewable secondary fuels		MJ, net calorific value	N/A	N/A	N/A	N/A
Net use of fresh water		m ³	1.91E-02	1.82E-02	4.63E-04	4.04E-04

Parameter	Unit	Total	Upstream	Core	Downstream
Hazardous waste disposed	kg	1.24E-03	1.24E-03	8.73E-07	0.00E+00
Non-hazardous waste disposed	kg	2.56E-02	1.61E-02	9.49E-03	0.00E+00
Radioactive waste disposed	kg	1.66E-08	0.00E+00	1.66E-08	0.00E+00
Components for reuse	kg	N/A	N/A	N/A	N/A
Material for recycling	kg	2.50E-02	0.00E+00	2.50E-02	0.00E+00
Materials for energy recovery	kg	1.46E-01	0.00E+00	0.00E+00	1.46E-01
Exported energy, electricity	MJ	N/A	N/A	N/A	N/A
Exported energy, thermal	MJ	N/A	N/A	N/A	N/A

Attends Slip Regular 9M

One absorbent product

Parameter		Unit	Total	Upstream	Core	Downstream
Global warming potential (GWP)	Fossil	kg CO ₂ eq.	0.166	0.099	0.016	0.052
	Biogenic	kg CO ₂ eq.	0.002	0.001	0.000	0.001
	Land use and land use change	kg CO ₂ eq.	0.001	0.001	0.000	0.000
	TOTAL	kg CO ₂ eq.	0.169	0.100	0.016	0.054
Acidification potential (AP)		kg SO ₂ eq.	8.91E-04	6.85E-04	1.21E-04	8.45E-05
Eutrophication potential (EP)		kg PO ₄ ³⁻ eq.	2.24E-04	1.60E-04	1.82E-05	4.59E-05
Photochemical oxidant creation potential (POCP)		kg NMVOC eq.	8.38E-04	6.09E-04	1.13E-04	1.16E-04
Abiotic depletion potential (ADP) - elements		kg Sb eq.	4.86E-07	3.89E-07	3.96E-08	5.72E-08
Abiotic depletion potential (ADP) - fossil resources		MJ, net calorific value	2.91E+00	2.46E+00	1.75E-01	2.75E-01
Water deprivation potential (WDP)		m ³ world eq.	1.57E-01	1.54E-01	1.86E-03	1.07E-03

Parameter		Unit	Total	Upstream	Core	Downstream
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorific value	1.31E+00	1.22E+00	7.97E-02	1.08E-02
	Used as raw materials	MJ, net calorific value	1.25E+00	1.25E+00	0.00E+00	0.00E+00
	Total	MJ, net calorific value	2.56E+00	2.47E+00	7.97E-02	1.08E-02
Primary energy resources – Non-renewable	Used as energy carrier	MJ, net calorific value	2.25E+00	1.76E+00	1.90E-01	3.01E-01
	Used as raw materials	MJ, net calorific value	1.19E+00	1.19E+00	0.00E+00	0.00E+00
	Total	MJ, net calorific value	3.44E+00	2.94E+00	1.90E-01	3.01E-01
Secondary material		Kg	N/A	N/A	N/A	N/A
Renewable secondary fuels		MJ, net calorific value	N/A	N/A	N/A	N/A
Non-renewable secondary fuels		MJ, net calorific value	N/A	N/A	N/A	N/A
Net use of fresh water		m ³	5.04E-03	4.81E-03	1.18E-04	1.08E-04

Parameter	Unit	Total	Upstream	Core	Downstream
Hazardous waste disposed	kg	4.46E-04	4.45E-04	2.18E-07	0.00E+00
Non-hazardous waste disposed	kg	8.17E-03	5.80E-03	2.37E-03	0.00E+00
Radioactive waste disposed	kg	4.15E-09	0.00E+00	4.15E-09	0.00E+00
Components for reuse	kg	N/A	N/A	N/A	N/A
Material for recycling	kg	6.49E-03	0.00E+00	6.49E-03	0.00E+00
Materials for energy recovery	kg	3.93E-02	0.00E+00	0.00E+00	3.93E-02
Exported energy, electricity	MJ	N/A	N/A	N/A	N/A
Exported energy, thermal	MJ	N/A	N/A	N/A	N/A

Attends Slip Regular 9M

One day of absorbent product use

Parameter		Unit	Total	Upstream	Core	Downstream
Global warming potential (GWP)	Fossil	kg CO ₂ eq.	0.666	0.394	0.063	0.209
	Biogenic	kg CO ₂ eq.	0.008	0.003	0.000	0.005
	Land use and land use change	kg CO ₂ eq.	0.004	0.002	0.001	0.000
	TOTAL	kg CO ₂ eq.	0.678	0.400	0.064	0.214
Acidification potential (AP)		kg SO ₂ eq.	3.56E-03	2.74E-03	4.83E-04	3.38E-04
Eutrophication potential (EP)		kg PO ₄ ³⁻ eq.	8.98E-04	6.42E-04	7.26E-05	1.83E-04
Photochemical oxidant creation potential (POCP)		kg NMVOC eq.	3.35E-03	2.43E-03	4.54E-04	4.63E-04
Abiotic depletion potential (ADP) - elements		kg Sb eq.	1.94E-06	1.56E-06	1.58E-07	2.29E-07
Abiotic depletion potential (ADP) - fossil resources		MJ, net calorific value	1.16E+01	9.85E+00	7.01E-01	1.10E+00
Water deprivation potential (WDP)		m ³ world eq.	6.28E-01	6.16E-01	7.42E-03	4.29E-03

Parameter		Unit	Total	Upstream	Core	Downstream
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorific value	5.26E+00	4.89E+00	3.19E-01	4.32E-02
	Used as raw materials	MJ, net calorific value	5.00E+00	5.00E+00	0.00E+00	0.00E+00
	Total	MJ, net calorific value	1.03E+01	9.90E+00	3.19E-01	4.32E-02
Primary energy resources – Non-renewable	Used as energy carrier	MJ, net calorific value	8.99E+00	7.03E+00	7.62E-01	1.20E+00
	Used as raw materials	MJ, net calorific value	4.75E+00	4.75E+00	0.00E+00	0.00E+00
	Total	MJ, net calorific value	1.37E+01	1.18E+01	7.62E-01	1.20E+00
Secondary material		Kg	N/A	N/A	N/A	N/A
Renewable secondary fuels		MJ, net calorific value	N/A	N/A	N/A	N/A
Non-renewable secondary fuels		MJ, net calorific value	N/A	N/A	N/A	N/A
Net use of fresh water		m ³	2.01E-02	1.92E-02	4.70E-04	4.31E-04

Parameter	Unit	Total	Upstream	Core	Downstream
Hazardous waste disposed	kg	1.78E-03	1.78E-03	8.73E-07	0.00E+00
Non-hazardous waste disposed	kg	3.27E-02	2.32E-02	9.49E-03	0.00E+00
Radioactive waste disposed	kg	1.66E-08	0.00E+00	1.66E-08	0.00E+00
Components for reuse	kg	N/A	N/A	N/A	N/A
Material for recycling	kg	2.60E-02	0.00E+00	2.60E-02	0.00E+00
Materials for energy recovery	kg	1.57E-01	0.00E+00	0.00E+00	1.57E-01
Exported energy, electricity	MJ	N/A	N/A	N/A	N/A
Exported energy, thermal	MJ	N/A	N/A	N/A	N/A

Attends Slip Regular 10M

One absorbent product

Parameter		Unit	Total	Upstream	Core	Downstream
Global warming potential (GWP)	Fossil	kg CO ₂ eq.	0.205	0.121	0.018	0.066
	Biogenic	kg CO ₂ eq.	0.002	0.001	0.000	0.002
	Land use and land use change	kg CO ₂ eq.	0.001	0.001	0.000	0.000
	TOTAL	kg CO ₂ eq.	0.208	0.123	0.019	0.067
Acidification potential (AP)		kg SO ₂ eq.	1.01E-03	7.34E-04	1.76E-04	9.77E-05
Eutrophication potential (EP)		kg PO ₄ ³⁻ eq.	2.54E-04	1.74E-04	2.42E-05	5.59E-05
Photochemical oxidant creation potential (POCP)		kg NMVOC eq.	9.92E-04	6.97E-04	1.60E-04	1.34E-04
Abiotic depletion potential (ADP) - elements		kg Sb eq.	5.19E-07	4.08E-07	4.46E-08	6.61E-08
Abiotic depletion potential (ADP) - fossil resources		MJ, net calorific value	3.53E+00	3.00E+00	2.10E-01	3.19E-01
Water deprivation potential (WDP)		m ³ world eq.	1.70E-01	1.67E-01	1.93E-03	1.23E-03

Parameter		Unit	Total	Upstream	Core	Downstream
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorific value	1.39E+00	1.30E+00	8.00E-02	1.25E-02
	Used as raw materials	MJ, net calorific value	1.35E+00	1.35E+00	0.00E+00	0.00E+00
	Total	MJ, net calorific value	2.74E+00	2.64E+00	8.00E-02	1.25E-02
Primary energy resources – Non-renewable	Used as energy carrier	MJ, net calorific value	2.63E+00	2.06E+00	2.28E-01	3.48E-01
	Used as raw materials	MJ, net calorific value	1.57E+00	1.57E+00	0.00E+00	0.00E+00
	Total	MJ, net calorific value	4.20E+00	3.63E+00	2.28E-01	3.48E-01
Secondary material		Kg	N/A	N/A	N/A	N/A
Renewable secondary fuels		MJ, net calorific value	N/A	N/A	N/A	N/A
Non-renewable secondary fuels		MJ, net calorific value	N/A	N/A	N/A	N/A
Net use of fresh water		m ³	5.48E-03	5.24E-03	1.22E-04	1.22E-04

Parameter	Unit	Total	Upstream	Core	Downstream
Hazardous waste disposed	kg	8.13E-04	8.13E-04	2.18E-07	0.00E+00
Non-hazardous waste disposed	kg	1.30E-02	1.06E-02	2.37E-03	0.00E+00
Radioactive waste disposed	kg	4.15E-09	0.00E+00	4.15E-09	0.00E+00
Components for reuse	kg	N/A	N/A	N/A	N/A
Material for recycling	kg	6.96E-03	0.00E+00	6.96E-03	0.00E+00
Materials for energy recovery	kg	4.54E-02	0.00E+00	0.00E+00	4.54E-02
Exported energy, electricity	MJ	N/A	N/A	N/A	N/A
Exported energy, thermal	MJ	N/A	N/A	N/A	N/A

Attends Slip Regular 10M

One day of absorbent product use

Parameter		Unit	Total	Upstream	Core	Downstream
Global warming potential (GWP)	Fossil	kg CO ₂ eq.	0.820	0.484	0.073	0.263
	Biogenic	kg CO ₂ eq.	0.009	0.003	0.000	0.006
	Land use and land use change	kg CO ₂ eq.	0.004	0.003	0.001	0.000
	TOTAL	kg CO ₂ eq.	0.833	0.490	0.074	0.269
Acidification potential (AP)		kg SO ₂ eq.	4.03E-03	2.94E-03	7.06E-04	3.91E-04
Eutrophication potential (EP)		kg PO ₄ ³⁻ eq.	1.01E-03	6.94E-04	9.67E-05	2.24E-04
Photochemical oxidant creation potential (POCP)		kg NMVOC eq.	3.97E-03	2.79E-03	6.42E-04	5.35E-04
Abiotic depletion potential (ADP) - elements		kg Sb eq.	2.08E-06	1.63E-06	1.78E-07	2.65E-07
Abiotic depletion potential (ADP) - fossil resources		MJ, net calorific value	1.41E+01	1.20E+01	8.39E-01	1.27E+00
Water deprivation potential (WDP)		m ³ world eq.	6.81E-01	6.68E-01	7.72E-03	4.94E-03

Parameter		Unit	Total	Upstream	Core	Downstream
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorific value	5.55E+00	5.18E+00	3.20E-01	4.99E-02
	Used as raw materials	MJ, net calorific value	5.39E+00	5.39E+00	0.00E+00	0.00E+00
	Total	MJ, net calorific value	1.09E+01	1.06E+01	3.20E-01	4.99E-02
Primary energy resources – Non-renewable	Used as energy carrier	MJ, net calorific value	1.05E+01	8.23E+00	9.10E-01	1.39E+00
	Used as raw materials	MJ, net calorific value	6.28E+00	6.28E+00	0.00E+00	0.00E+00
	Total	MJ, net calorific value	1.68E+01	1.45E+01	9.10E-01	1.39E+00
Secondary material		Kg	N/A	N/A	N/A	N/A
Renewable secondary fuels		MJ, net calorific value	N/A	N/A	N/A	N/A
Non-renewable secondary fuels		MJ, net calorific value	N/A	N/A	N/A	N/A
Net use of fresh water		m ³	2.19E-02	2.10E-02	4.86E-04	4.86E-04

Parameter	Unit	Total	Upstream	Core	Downstream
Hazardous waste disposed	kg	3.25E-03	3.25E-03	8.73E-07	0.00E+00
Non-hazardous waste disposed	kg	5.18E-02	4.24E-02	9.49E-03	0.00E+00
Radioactive waste disposed	kg	1.66E-08	0.00E+00	1.66E-08	0.00E+00
Components for reuse	kg	N/A	N/A	N/A	N/A
Material for recycling	kg	2.78E-02	0.00E+00	2.78E-02	0.00E+00
Materials for energy recovery	kg	1.82E-01	0.00E+00	0.00E+00	1.82E-01
Exported energy, electricity	MJ	N/A	N/A	N/A	N/A
Exported energy, thermal	MJ	N/A	N/A	N/A	N/A

Attends Slip Regular 8L

One absorbent product

Parameter		Unit	Total	Upstream	Core	Downstream
Global warming potential (GWP)	Fossil	kg CO ₂ eq.	0.185	0.110	0.016	0.059
	Biogenic	kg CO ₂ eq.	0.002	0.001	0.000	0.002
	Land use and land use change	kg CO ₂ eq.	0.001	0.001	0.000	0.000
	TOTAL	kg CO ₂ eq.	0.188	0.112	0.017	0.060
Acidification potential (AP)		kg SO ₂ eq.	1.00E-03	7.92E-04	1.16E-04	9.37E-05
Eutrophication potential (EP)		kg PO ₄ ³⁻ eq.	2.51E-04	1.81E-04	1.79E-05	5.17E-05
Photochemical oxidant creation potential (POCP)		kg NMVOC eq.	9.26E-04	6.87E-04	1.11E-04	1.28E-04
Abiotic depletion potential (ADP) - elements		kg Sb eq.	5.42E-07	4.36E-07	4.23E-08	6.34E-08
Abiotic depletion potential (ADP) - fossil resources		MJ, net calorific value	3.34E+00	2.85E+00	1.85E-01	3.05E-01
Water deprivation potential (WDP)		m ³ world eq.	1.77E-01	1.74E-01	1.89E-03	1.19E-03

Parameter		Unit	Total	Upstream	Core	Downstream
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorific value	1.44E+00	1.35E+00	7.99E-02	1.20E-02
	Used as raw materials	MJ, net calorific value	1.37E+00	1.37E+00	0.00E+00	0.00E+00
	Total	MJ, net calorific value	2.81E+00	2.72E+00	7.99E-02	1.20E-02
Primary energy resources – Non-renewable	Used as energy carrier	MJ, net calorific value	2.56E+00	2.03E+00	2.01E-01	3.33E-01
	Used as raw materials	MJ, net calorific value	1.34E+00	1.34E+00	0.00E+00	0.00E+00
	Total	MJ, net calorific value	3.91E+00	3.37E+00	2.01E-01	3.33E-01
Secondary material		Kg	N/A	N/A	N/A	N/A
Renewable secondary fuels		MJ, net calorific value	N/A	N/A	N/A	N/A
Non-renewable secondary fuels		MJ, net calorific value	N/A	N/A	N/A	N/A
Net use of fresh water		m ³	5.47E-03	5.23E-03	1.19E-04	1.19E-04

Parameter	Unit	Total	Upstream	Core	Downstream
Hazardous waste disposed	kg	3.87E-04	3.87E-04	2.18E-07	0.00E+00
Non-hazardous waste disposed	kg	7.41E-03	5.04E-03	2.37E-03	0.00E+00
Radioactive waste disposed	kg	4.15E-09	0.00E+00	4.15E-09	0.00E+00
Components for reuse	kg	N/A	N/A	N/A	N/A
Material for recycling	kg	6.80E-03	0.00E+00	6.80E-03	0.00E+00
Materials for energy recovery	kg	4.35E-02	0.00E+00	0.00E+00	4.35E-02
Exported energy, electricity	MJ	N/A	N/A	N/A	N/A
Exported energy, thermal	MJ	N/A	N/A	N/A	N/A

Attends Slip Regular 8L

One day of absorbent product use

Parameter		Unit	Total	Upstream	Core	Downstream
Global warming potential (GWP)	Fossil	kg CO ₂ eq.	0.739	0.439	0.065	0.235
	Biogenic	kg CO ₂ eq.	0.010	0.004	0.000	0.006
	Land use and land use change	kg CO ₂ eq.	0.004	0.003	0.001	0.000
	TOTAL	kg CO ₂ eq.	0.753	0.446	0.066	0.241
Acidification potential (AP)		kg SO ₂ eq.	4.01E-03	3.17E-03	4.66E-04	3.75E-04
Eutrophication potential (EP)		kg PO ₄ ³⁻ eq.	1.00E-03	7.24E-04	7.18E-05	2.07E-04
Photochemical oxidant creation potential (POCP)		kg NMVOC eq.	3.70E-03	2.75E-03	4.42E-04	5.13E-04
Abiotic depletion potential (ADP) - elements		kg Sb eq.	2.17E-06	1.75E-06	1.69E-07	2.54E-07
Abiotic depletion potential (ADP) - fossil resources		MJ, net calorific value	1.34E+01	1.14E+01	7.40E-01	1.22E+00
Water deprivation potential (WDP)		m ³ world eq.	7.09E-01	6.97E-01	7.56E-03	4.78E-03

Parameter		Unit	Total	Upstream	Core	Downstream
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorific value	5.77E+00	5.41E+00	3.19E-01	4.79E-02
	Used as raw materials	MJ, net calorific value	5.48E+00	5.48E+00	0.00E+00	0.00E+00
	Total	MJ, net calorific value	1.13E+01	1.09E+01	3.19E-01	4.79E-02
Primary energy resources – Non-renewable	Used as energy carrier	MJ, net calorific value	1.03E+01	8.12E+00	8.04E-01	1.33E+00
	Used as raw materials	MJ, net calorific value	5.37E+00	5.37E+00	0.00E+00	0.00E+00
	Total	MJ, net calorific value	1.56E+01	1.35E+01	8.04E-01	1.33E+00
Secondary material		Kg	N/A	N/A	N/A	N/A
Renewable secondary fuels		MJ, net calorific value	N/A	N/A	N/A	N/A
Non-renewable secondary fuels		MJ, net calorific value	N/A	N/A	N/A	N/A
Net use of fresh water		m ³	2.19E-02	2.09E-02	4.78E-04	4.76E-04

Parameter	Unit	Total	Upstream	Core	Downstream
Hazardous waste disposed	kg	1.55E-03	1.55E-03	8.73E-07	0.00E+00
Non-hazardous waste disposed	kg	2.97E-02	2.02E-02	9.49E-03	0.00E+00
Radioactive waste disposed	kg	1.66E-08	0.00E+00	1.66E-08	0.00E+00
Components for reuse	kg	N/A	N/A	N/A	N/A
Material for recycling	kg	2.72E-02	0.00E+00	2.72E-02	0.00E+00
Materials for energy recovery	kg	1.74E-01	0.00E+00	0.00E+00	1.74E-01
Exported energy, electricity	MJ	N/A	N/A	N/A	N/A
Exported energy, thermal	MJ	N/A	N/A	N/A	N/A

Attends Slip Regular 9L

One absorbent product

Parameter		Unit	Total	Upstream	Core	Downstream
Global warming potential (GWP)	Fossil	kg CO ₂ eq.	0.201	0.119	0.017	0.064
	Biogenic	kg CO ₂ eq.	0.003	0.001	0.000	0.002
	Land use and land use change	kg CO ₂ eq.	0.001	0.001	0.000	0.000
	TOTAL	kg CO ₂ eq.	0.205	0.121	0.018	0.066
Acidification potential (AP)		kg SO ₂ eq.	1.06E-03	8.21E-04	1.38E-04	1.02E-04
Eutrophication potential (EP)		kg PO ₄ ³⁻ eq.	2.67E-04	1.90E-04	2.03E-05	5.63E-05
Photochemical oxidant creation potential (POCP)		kg NMVOC eq.	9.98E-04	7.30E-04	1.28E-04	1.39E-04
Abiotic depletion potential (ADP) - elements		kg Sb eq.	5.70E-07	4.56E-07	4.51E-08	6.89E-08
Abiotic depletion potential (ADP) - fossil resources		MJ, net calorific value	3.60E+00	3.06E+00	2.02E-01	3.32E-01
Water deprivation potential (WDP)		m ³ world eq.	1.89E-01	1.85E-01	1.93E-03	1.29E-03

Parameter		Unit	Total	Upstream	Core	Downstream
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorific value	1.54E+00	1.45E+00	8.00E-02	1.30E-02
	Used as raw materials	MJ, net calorific value	1.48E+00	1.48E+00	0.00E+00	0.00E+00
	Total	MJ, net calorific value	3.02E+00	2.93E+00	8.00E-02	1.30E-02
Primary energy resources – Non-renewable	Used as energy carrier	MJ, net calorific value	2.74E+00	2.16E+00	2.19E-01	3.63E-01
	Used as raw materials	MJ, net calorific value	1.48E+00	1.48E+00	0.00E+00	0.00E+00
	Total	MJ, net calorific value	4.22E+00	3.64E+00	2.19E-01	3.63E-01
Secondary material		Kg	N/A	N/A	N/A	N/A
Renewable secondary fuels		MJ, net calorific value	N/A	N/A	N/A	N/A
Non-renewable secondary fuels		MJ, net calorific value	N/A	N/A	N/A	N/A
Net use of fresh water		m ³	5.89E-03	5.64E-03	1.22E-04	1.29E-04

Parameter	Unit	Total	Upstream	Core	Downstream
Hazardous waste disposed	kg	5.23E-04	5.23E-04	2.18E-07	0.00E+00
Non-hazardous waste disposed	kg	9.18E-03	6.81E-03	2.37E-03	0.00E+00
Radioactive waste disposed	kg	4.15E-09	0.00E+00	4.15E-09	0.00E+00
Components for reuse	kg	N/A	N/A	N/A	N/A
Material for recycling	kg	7.09E-03	0.00E+00	7.09E-03	0.00E+00
Materials for energy recovery	kg	4.73E-02	0.00E+00	0.00E+00	4.73E-02
Exported energy, electricity	MJ	N/A	N/A	N/A	N/A
Exported energy, thermal	MJ	N/A	N/A	N/A	N/A

Attends Slip Regular 9L

One day of absorbent product use

Parameter		Unit	Total	Upstream	Core	Downstream
Global warming potential (GWP)	Fossil	kg CO ₂ eq.	0.805	0.477	0.070	0.258
	Biogenic	kg CO ₂ eq.	0.010	0.004	0.000	0.007
	Land use and land use change	kg CO ₂ eq.	0.004	0.003	0.001	0.000
	TOTAL	kg CO ₂ eq.	0.819	0.484	0.071	0.264
Acidification potential (AP)		kg SO ₂ eq.	4.24E-03	3.28E-03	5.50E-04	4.07E-04
Eutrophication potential (EP)		kg PO ₄ ³⁻ eq.	1.07E-03	7.62E-04	8.12E-05	2.25E-04
Photochemical oxidant creation potential (POCP)		kg NMVOC eq.	3.99E-03	2.92E-03	5.14E-04	5.58E-04
Abiotic depletion potential (ADP) - elements		kg Sb eq.	2.28E-06	1.82E-06	1.80E-07	2.76E-07
Abiotic depletion potential (ADP) - fossil resources		MJ, net calorific value	1.44E+01	1.23E+01	8.07E-01	1.33E+00
Water deprivation potential (WDP)		m ³ world eq.	7.55E-01	7.42E-01	7.72E-03	5.18E-03

Parameter		Unit	Total	Upstream	Core	Downstream
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorific value	6.16E+00	5.79E+00	3.20E-01	5.20E-02
	Used as raw materials	MJ, net calorific value	5.92E+00	5.92E+00	0.00E+00	0.00E+00
	Total	MJ, net calorific value	1.21E+01	1.17E+01	3.20E-01	5.20E-02
Primary energy resources – Non-renewable	Used as energy carrier	MJ, net calorific value	1.10E+01	8.64E+00	8.76E-01	1.45E+00
	Used as raw materials	MJ, net calorific value	5.93E+00	5.93E+00	0.00E+00	0.00E+00
	Total	MJ, net calorific value	1.69E+01	1.46E+01	8.76E-01	1.45E+00
Secondary material		Kg	N/A	N/A	N/A	N/A
Renewable secondary fuels		MJ, net calorific value	N/A	N/A	N/A	N/A
Non-renewable secondary fuels		MJ, net calorific value	N/A	N/A	N/A	N/A
Net use of fresh water		m ³	2.35E-02	2.25E-02	4.87E-04	5.16E-04

Parameter	Unit	Total	Upstream	Core	Downstream
Hazardous waste disposed	kg	2.09E-03	2.09E-03	8.73E-07	0.00E+00
Non-hazardous waste disposed	kg	3.67E-02	2.72E-02	9.49E-03	0.00E+00
Radioactive waste disposed	kg	1.66E-08	0.00E+00	1.66E-08	0.00E+00
Components for reuse	kg	N/A	N/A	N/A	N/A
Material for recycling	kg	2.84E-02	0.00E+00	2.84E-02	0.00E+00
Materials for energy recovery	kg	1.89E-01	0.00E+00	0.00E+00	1.89E-01
Exported energy, electricity	MJ	N/A	N/A	N/A	N/A
Exported energy, thermal	MJ	N/A	N/A	N/A	N/A

Attends Slip Regular 10L

One absorbent product

Parameter		Unit	Total	Upstream	Core	Downstream
Global warming potential (GWP)	Fossil	kg CO ₂ eq.	0.249	0.147	0.021	0.081
	Biogenic	kg CO ₂ eq.	0.004	0.001	0.000	0.002
	Land use and land use change	kg CO ₂ eq.	0.001	0.001	0.000	0.000
	TOTAL	kg CO ₂ eq.	0.253	0.149	0.021	0.083
Acidification potential (AP)		kg SO ₂ eq.	1.21E-03	8.92E-04	2.00E-04	1.21E-04
Eutrophication potential (EP)		kg PO ₄ ³⁻ eq.	3.12E-04	2.15E-04	2.71E-05	6.98E-05
Photochemical oxidant creation potential (POCP)		kg NMVOC eq.	1.19E-03	8.45E-04	1.81E-04	1.66E-04
Abiotic depletion potential (ADP) - elements		kg Sb eq.	6.33E-07	5.00E-07	5.16E-08	8.22E-08
Abiotic depletion potential (ADP) - fossil resources		MJ, net calorific value	4.34E+00	3.70E+00	2.44E-01	3.96E-01
Water deprivation potential (WDP)		m ³ world eq.	2.09E-01	2.06E-01	2.03E-03	1.53E-03

Parameter		Unit	Total	Upstream	Core	Downstream
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorific value	1.65E+00	1.55E+00	8.04E-02	1.55E-02
	Used as raw materials	MJ, net calorific value	1.70E+00	1.70E+00	0.00E+00	0.00E+00
	Total	MJ, net calorific value	3.34E+00	3.25E+00	8.04E-02	1.55E-02
Primary energy resources – Non-renewable	Used as energy carrier	MJ, net calorific value	3.24E+00	2.55E+00	2.65E-01	4.33E-01
	Used as raw materials	MJ, net calorific value	1.91E+00	1.91E+00	0.00E+00	0.00E+00
	Total	MJ, net calorific value	5.15E+00	4.45E+00	2.65E-01	4.33E-01
Secondary material		Kg	N/A	N/A	N/A	N/A
Renewable secondary fuels		MJ, net calorific value	N/A	N/A	N/A	N/A
Non-renewable secondary fuels		MJ, net calorific value	N/A	N/A	N/A	N/A
Net use of fresh water		m ³	6.65E-03	6.38E-03	1.27E-04	1.51E-04

Parameter	Unit	Total	Upstream	Core	Downstream
Hazardous waste disposed	kg	9.29E-04	9.29E-04	2.18E-07	0.00E+00
Non-hazardous waste disposed	kg	1.45E-02	1.21E-02	2.37E-03	0.00E+00
Radioactive waste disposed	kg	4.15E-09	0.00E+00	4.15E-09	0.00E+00
Components for reuse	kg	N/A	N/A	N/A	N/A
Material for recycling	kg	7.71E-03	0.00E+00	7.71E-03	0.00E+00
Materials for energy recovery	kg	5.65E-02	0.00E+00	0.00E+00	5.65E-02
Exported energy, electricity	MJ	N/A	N/A	N/A	N/A
Exported energy, thermal	MJ	N/A	N/A	N/A	N/A

Attends Slip Regular 10L

One day of absorbent product use

Parameter		Unit	Total	Upstream	Core	Downstream
Global warming potential (GWP)	Fossil	kg CO ₂ eq.	0.994	0.589	0.082	0.323
	Biogenic	kg CO ₂ eq.	0.015	0.005	0.000	0.010
	Land use and land use change	kg CO ₂ eq.	0.005	0.003	0.001	0.000
	TOTAL	kg CO ₂ eq.	1.014	0.597	0.084	0.332
Acidification potential (AP)		kg SO ₂ eq.	4.85E-03	3.57E-03	7.99E-04	4.86E-04
Eutrophication potential (EP)		kg PO ₄ ³⁻ eq.	1.25E-03	8.62E-04	1.08E-04	2.79E-04
Photochemical oxidant creation potential (POCP)		kg NMVOC eq.	4.77E-03	3.38E-03	7.25E-04	6.65E-04
Abiotic depletion potential (ADP) - elements		kg Sb eq.	2.53E-06	2.00E-06	2.07E-07	3.29E-07
Abiotic depletion potential (ADP) - fossil resources		MJ, net calorific value	1.73E+01	1.48E+01	9.77E-01	1.58E+00
Water deprivation potential (WDP)		m ³ world eq.	8.37E-01	8.22E-01	8.10E-03	6.13E-03

Parameter		Unit	Total	Upstream	Core	Downstream
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorific value	6.58E+00	6.20E+00	3.22E-01	6.21E-02
	Used as raw materials	MJ, net calorific value	6.79E+00	6.79E+00	0.00E+00	0.00E+00
	Total	MJ, net calorific value	1.34E+01	1.30E+01	3.22E-01	6.21E-02
Primary energy resources – Non-renewable	Used as energy carrier	MJ, net calorific value	1.30E+01	1.02E+01	1.06E+00	1.73E+00
	Used as raw materials	MJ, net calorific value	7.63E+00	7.63E+00	0.00E+00	0.00E+00
	Total	MJ, net calorific value	2.06E+01	1.78E+01	1.06E+00	1.73E+00
Secondary material		Kg	N/A	N/A	N/A	N/A
Renewable secondary fuels		MJ, net calorific value	N/A	N/A	N/A	N/A
Non-renewable secondary fuels		MJ, net calorific value	N/A	N/A	N/A	N/A
Net use of fresh water		m ³	2.66E-02	2.55E-02	5.07E-04	6.05E-04

Parameter	Unit	Total	Upstream	Core	Downstream
Hazardous waste disposed	kg	3.72E-03	3.72E-03	8.73E-07	0.00E+00
Non-hazardous waste disposed	kg	5.79E-02	4.84E-02	9.49E-03	0.00E+00
Radioactive waste disposed	kg	1.66E-08	0.00E+00	1.66E-08	0.00E+00
Components for reuse	kg	N/A	N/A	N/A	N/A
Material for recycling	kg	3.08E-02	0.00E+00	3.08E-02	0.00E+00
Materials for energy recovery	kg	2.26E-01	0.00E+00	0.00E+00	2.26E-01
Exported energy, electricity	MJ	N/A	N/A	N/A	N/A
Exported energy, thermal	MJ	N/A	N/A	N/A	N/A

Attends Adjustable 10M

One absorbent product

Parameter		Unit	Total	Upstream	Core	Downstream
Global warming potential (GWP)	Fossil	kg CO ₂ eq.	0.227	0.138	0.019	0.069
	Biogenic	kg CO ₂ eq.	0.003	0.001	0.000	0.002
	Land use and land use change	kg CO ₂ eq.	0.001	0.001	0.000	0.000
	TOTAL	kg CO ₂ eq.	0.230	0.140	0.020	0.071
Acidification potential (AP)		kg SO ₂ eq.	1.24E-03	9.58E-04	1.81E-04	1.01E-04
Eutrophication potential (EP)		kg PO ₄ ³⁻ eq.	2.87E-04	2.03E-04	2.50E-05	5.90E-05
Photochemical oxidant creation potential (POCP)		kg NMVOC eq.	1.15E-03	8.42E-04	1.65E-04	1.39E-04
Abiotic depletion potential (ADP) - elements		kg Sb eq.	6.84E-07	5.68E-07	4.84E-08	6.85E-08
Abiotic depletion potential (ADP) - fossil resources		MJ, net calorific value	3.89E+00	3.33E+00	2.26E-01	3.30E-01
Water deprivation potential (WDP)		m ³ world eq.	1.76E-01	1.72E-01	1.98E-03	1.28E-03

Parameter		Unit	Total	Upstream	Core	Downstream
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorific value	1.41E+00	1.31E+00	8.02E-02	1.29E-02
	Used as raw materials	MJ, net calorific value	1.38E+00	1.38E+00	0.00E+00	0.00E+00
	Total	MJ, net calorific value	2.79E+00	2.70E+00	8.02E-02	1.29E-02
Primary energy resources – Non-renewable	Used as energy carrier	MJ, net calorific value	3.05E+00	2.44E+00	2.45E-01	3.61E-01
	Used as raw materials	MJ, net calorific value	1.66E+00	1.66E+00	0.00E+00	0.00E+00
	Total	MJ, net calorific value	4.70E+00	4.10E+00	2.45E-01	3.61E-01
Secondary material		Kg	N/A	N/A	N/A	N/A
Renewable secondary fuels		MJ, net calorific value	N/A	N/A	N/A	N/A
Non-renewable secondary fuels		MJ, net calorific value	N/A	N/A	N/A	N/A
Net use of fresh water		m ³	5.59E-03	5.34E-03	1.24E-04	1.25E-04

Parameter	Unit	Total	Upstream	Core	Downstream
Hazardous waste disposed	kg	8.13E-04	8.13E-04	2.18E-07	0.00E+00
Non-hazardous waste disposed	kg	1.30E-02	1.06E-02	2.37E-03	0.00E+00
Radioactive waste disposed	kg	4.15E-09	0.00E+00	4.15E-09	0.00E+00
Components for reuse	kg	N/A	N/A	N/A	N/A
Material for recycling	kg	7.03E-03	0.00E+00	7.03E-03	0.00E+00
Materials for energy recovery	kg	4.71E-02	0.00E+00	0.00E+00	4.71E-02
Exported energy, electricity	MJ	N/A	N/A	N/A	N/A
Exported energy, thermal	MJ	N/A	N/A	N/A	N/A

Attends Adjustable 10M

One day of absorbent product use

Parameter		Unit	Total	Upstream	Core	Downstream
Global warming potential (GWP)	Fossil	kg CO ₂ eq.	0.907	0.553	0.077	0.277
	Biogenic	kg CO ₂ eq.	0.011	0.004	0.000	0.007
	Land use and land use change	kg CO ₂ eq.	0.003	0.002	0.001	0.000
	TOTAL	kg CO ₂ eq.	0.922	0.559	0.078	0.284
Acidification potential (AP)		kg SO ₂ eq.	4.96E-03	3.83E-03	7.23E-04	4.05E-04
Eutrophication potential (EP)		kg PO ₄ ³⁻ eq.	1.15E-03	8.12E-04	9.99E-05	2.36E-04
Photochemical oxidant creation potential (POCP)		kg NMVOC eq.	4.58E-03	3.37E-03	6.61E-04	5.54E-04
Abiotic depletion potential (ADP) - elements		kg Sb eq.	2.74E-06	2.27E-06	1.93E-07	2.74E-07
Abiotic depletion potential (ADP) - fossil resources		MJ, net calorific value	1.55E+01	1.33E+01	9.04E-01	1.32E+00
Water deprivation potential (WDP)		m ³ world eq.	7.02E-01	6.89E-01	7.92E-03	5.10E-03

Parameter		Unit	Total	Upstream	Core	Downstream
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorific value	5.63E+00	5.26E+00	3.21E-01	5.17E-02
	Used as raw materials	MJ, net calorific value	5.53E+00	5.53E+00	0.00E+00	0.00E+00
	Total	MJ, net calorific value	1.12E+01	1.08E+01	3.21E-01	5.17E-02
Primary energy resources – Non-renewable	Used as energy carrier	MJ, net calorific value	1.22E+01	9.76E+00	9.80E-01	1.44E+00
	Used as raw materials	MJ, net calorific value	6.63E+00	6.63E+00	0.00E+00	0.00E+00
	Total	MJ, net calorific value	1.88E+01	1.64E+01	9.80E-01	1.44E+00
Secondary material		Kg	N/A	N/A	N/A	N/A
Renewable secondary fuels		MJ, net calorific value	N/A	N/A	N/A	N/A
Non-renewable secondary fuels		MJ, net calorific value	N/A	N/A	N/A	N/A
Net use of fresh water		m ³	2.24E-02	2.14E-02	4.97E-04	5.01E-04

Parameter	Unit	Total	Upstream	Core	Downstream
Hazardous waste disposed	kg	3.25E-03	3.25E-03	8.73E-07	0.00E+00
Non-hazardous waste disposed	kg	5.18E-02	4.24E-02	9.49E-03	0.00E+00
Radioactive waste disposed	kg	1.66E-08	0.00E+00	1.66E-08	0.00E+00
Components for reuse	kg	N/A	N/A	N/A	N/A
Material for recycling	kg	2.81E-02	0.00E+00	2.81E-02	0.00E+00
Materials for energy recovery	kg	1.88E-01	0.00E+00	0.00E+00	1.88E-01
Exported energy, electricity	MJ	N/A	N/A	N/A	N/A
Exported energy, thermal	MJ	N/A	N/A	N/A	N/A

Attends Adjustable 10L

One absorbent product

Parameter		Unit	Total	Upstream	Core	Downstream
Global warming potential (GWP)	Fossil	kg CO ₂ eq.	0.337	0.205	0.026	0.106
	Biogenic	kg CO ₂ eq.	0.003	0.001	0.000	0.002
	Land use and land use change	kg CO ₂ eq.	0.001	0.001	0.000	0.000
	TOTAL	kg CO ₂ eq.	0.342	0.207	0.027	0.108
Acidification potential (AP)		kg SO ₂ eq.	1.74E-03	1.31E-03	2.94E-04	1.43E-04
Eutrophication potential (EP)		kg PO ₄ ³⁻ eq.	3.95E-04	2.70E-04	3.78E-05	8.72E-05
Photochemical oxidant creation potential (POCP)		kg NMVOC eq.	1.66E-03	1.20E-03	2.62E-04	1.96E-04
Abiotic depletion potential (ADP) - elements		kg Sb eq.	9.16E-07	7.54E-07	6.50E-08	9.69E-08
Abiotic depletion potential (ADP) - fossil resources		MJ, net calorific value	5.79E+00	5.00E+00	3.22E-01	4.67E-01
Water deprivation potential (WDP)		m ³ world eq.	2.37E-01	2.33E-01	2.22E-03	1.80E-03

Parameter		Unit	Total	Upstream	Core	Downstream
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorific value	1.86E+00	1.76E+00	8.13E-02	1.83E-02
	Used as raw materials	MJ, net calorific value	1.81E+00	1.81E+00	0.00E+00	0.00E+00
	Total	MJ, net calorific value	3.67E+00	3.57E+00	8.13E-02	1.83E-02
Primary energy resources – Non-renewable	Used as energy carrier	MJ, net calorific value	4.40E+00	3.54E+00	3.49E-01	5.11E-01
	Used as raw materials	MJ, net calorific value	2.64E+00	2.64E+00	0.00E+00	0.00E+00
	Total	MJ, net calorific value	7.04E+00	6.18E+00	3.49E-01	5.11E-01
Secondary material		Kg	N/A	N/A	N/A	N/A
Renewable secondary fuels		MJ, net calorific value	N/A	N/A	N/A	N/A
Non-renewable secondary fuels		MJ, net calorific value	N/A	N/A	N/A	N/A
Net use of fresh water		m ³	7.42E-03	7.11E-03	1.37E-04	1.73E-04

Parameter	Unit	Total	Upstream	Core	Downstream
Hazardous waste disposed	kg	1.51E-03	1.51E-03	2.18E-07	0.00E+00
Non-hazardous waste disposed	kg	2.20E-02	1.97E-02	2.37E-03	0.00E+00
Radioactive waste disposed	kg	4.15E-09	0.00E+00	4.15E-09	0.00E+00
Components for reuse	kg	N/A	N/A	N/A	N/A
Material for recycling	kg	8.58E-03	0.00E+00	8.58E-03	0.00E+00
Materials for energy recovery	kg	6.67E-02	0.00E+00	0.00E+00	6.67E-02
Exported energy, electricity	MJ	N/A	N/A	N/A	N/A
Exported energy, thermal	MJ	N/A	N/A	N/A	N/A

Attends Adjustable 10L

One day of absorbent product use

Parameter		Unit	Total	Upstream	Core	Downstream
Global warming potential (GWP)	Fossil	kg CO ₂ eq.	1.350	0.820	0.105	0.425
	Biogenic	kg CO ₂ eq.	0.013	0.005	0.000	0.009
	Land use and land use change	kg CO ₂ eq.	0.004	0.003	0.001	0.000
	TOTAL	kg CO ₂ eq.	1.367	0.827	0.106	0.433
Acidification potential (AP)		kg SO ₂ eq.	6.98E-03	5.23E-03	1.18E-03	5.73E-04
Eutrophication potential (EP)		kg PO ₄ ³⁻ eq.	1.58E-03	1.08E-03	1.51E-04	3.49E-04
Photochemical oxidant creation potential (POCP)		kg NMVOC eq.	6.63E-03	4.79E-03	1.05E-03	7.84E-04
Abiotic depletion potential (ADP) - elements		kg Sb eq.	3.66E-06	3.01E-06	2.60E-07	3.88E-07
Abiotic depletion potential (ADP) - fossil resources		MJ, net calorific value	2.31E+01	2.00E+01	1.29E+00	1.87E+00
Water deprivation potential (WDP)		m ³ world eq.	9.48E-01	9.32E-01	8.86E-03	7.21E-03

Parameter		Unit	Total	Upstream	Core	Downstream
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorific value	7.45E+00	7.05E+00	3.25E-01	7.31E-02
	Used as raw materials	MJ, net calorific value	7.24E+00	7.24E+00	0.00E+00	0.00E+00
	Total	MJ, net calorific value	1.47E+01	1.43E+01	3.25E-01	7.31E-02
Primary energy resources – Non-renewable	Used as energy carrier	MJ, net calorific value	1.76E+01	1.42E+01	1.39E+00	2.04E+00
	Used as raw materials	MJ, net calorific value	1.06E+01	1.06E+01	0.00E+00	0.00E+00
	Total	MJ, net calorific value	2.82E+01	2.47E+01	1.39E+00	2.04E+00
Secondary material		Kg	N/A	N/A	N/A	N/A
Renewable secondary fuels		MJ, net calorific value	N/A	N/A	N/A	N/A
Non-renewable secondary fuels		MJ, net calorific value	N/A	N/A	N/A	N/A
Net use of fresh water		m ³	2.97E-02	2.84E-02	5.49E-04	6.91E-04

Parameter	Unit	Total	Upstream	Core	Downstream
Hazardous waste disposed	kg	6.04E-03	6.04E-03	8.73E-07	0.00E+00
Non-hazardous waste disposed	kg	8.81E-02	7.86E-02	9.49E-03	0.00E+00
Radioactive waste disposed	kg	1.66E-08	0.00E+00	1.66E-08	0.00E+00
Components for reuse	kg	N/A	N/A	N/A	N/A
Material for recycling	kg	3.43E-02	0.00E+00	3.43E-02	0.00E+00
Materials for energy recovery	kg	2.67E-01	0.00E+00	0.00E+00	2.67E-01
Exported energy, electricity	MJ	N/A	N/A	N/A	N/A
Exported energy, thermal	MJ	N/A	N/A	N/A	N/A

Programme-related information and verification

This EPD follows the PCR 2011:14 Absorbent Hygiene Products (3.0.2)

Product Category Rules review was conducted by: The Technical Committee of the International EPD® System. Chair: Massimo Marino
Contact via info@environdec.com

Independent verification of the declaration and data, according to ISO 14025:2006:

☐ EPD Process certification (internal) ☒ EPD Verification (External)

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Differences compared to previous version

Version 1.

References

EPD International (2022). Environmental Performance Indicators

EPD International (2021) General Programme Instructions for the International EPD® System. Version 3.01

EPD International (2022). PCR 2011 :14 Absorbent Hygiene Products (3.0.2)

Eurostat (2022). Retrieved online data code: ENV_WASMUN last update: 26/09/2022 23:00

ISO 14040 (2006). Environmental management – life cycle assessment – principal and framework. International Standard ISO 14040, Geneva, Switzerland: International Organization for Standardization – ISO.

ISO 14044 (2006). Environmental management – life cycle assessment – Requirements and guidelines. International Standard ISO 14044, Geneva, Switzerland: International Organization for Standardization – ISO.

Sea distances (2022) Retrieved from <https://sea-distances.org/>