Environmental Product Declaration

In accordance with ISO 14025 for:

Attends Flex



Programme:	The International EPD® System www.environdec.com
Programme operator:	EPD International AB
EPD registration number:	S-P-07835
Publication date:	2022-12-22
Valid until:	2027-12-22
Geographical scope:	Europe

Heruntergeladen von Gast (IP 216.73.217.10) am 24.11.2026 um 23:13 Uhr · sana.swiss

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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.

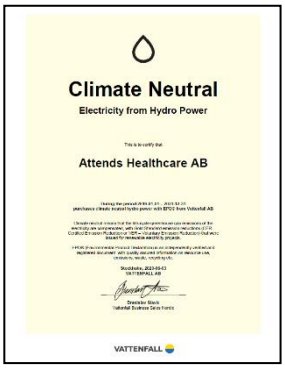
www.attends.se

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 guarantee of origin.



CERTIFIED LR ISO 14001

Climate neutral Site
ClimatePartner.com/15885-2109-1001



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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.

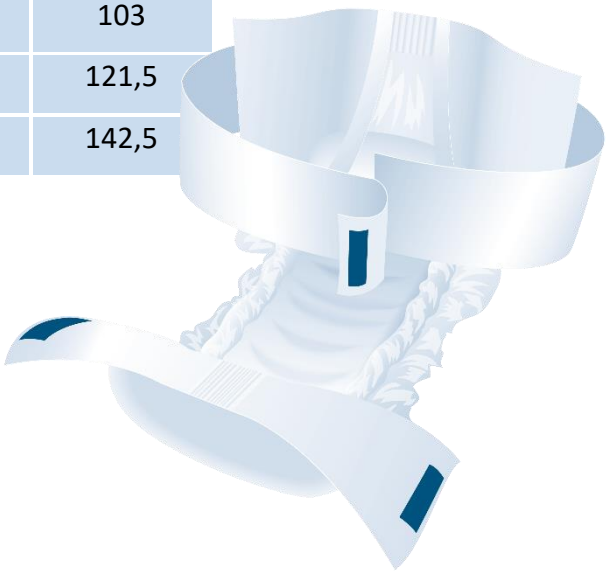
Attindas is in the business of improving the quality of life for millions of people worldwide every year through our differentiated assortment of adult incontinence products, baby diapers, and other clinical and hygiene offerings.

www.attindas.com

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This environmental declaration covers the following products

Product	Article	Weight (g)
Attends Flex 8 Small	206720	70
Attends Flex 9 Small	206744	76
Attends Flex 10 Small	206768	96
Attends Flex 8 Medium	206782	82,5
Attends Flex 9 Medium	206805	89,5
Attends Flex 10 Medium	206829	110
Attends Flex 8 Large	206843	89
Attends Flex 9 Large	206867	102,5
Attends Flex 10 Large	208007	139
Attends Flex 8 XL	206904	103
Attends Flex 9 XL	206928	121,5
Attends Flex 10 XL	206942	142,5



Attends Flex is a range of all-in-one belted pads designed to manage heavy incontinence. They are easy to use, with a flexible fixation system which allows the belt to be fitted snugly around the waist before fitting the pad. The highly absorbent core helps reduce the risk of leakage and provides odour protection and skin dryness.

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

NORDIC SWAN ECOLABEL
3023 0086

Attends

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Environmental Product Declaration

The LCA study will calculate the environmental performance of four sizes of Attends Flex, Small, Medium, Large and Extra-large and three absorption levels, 8, 9 and 10.

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

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

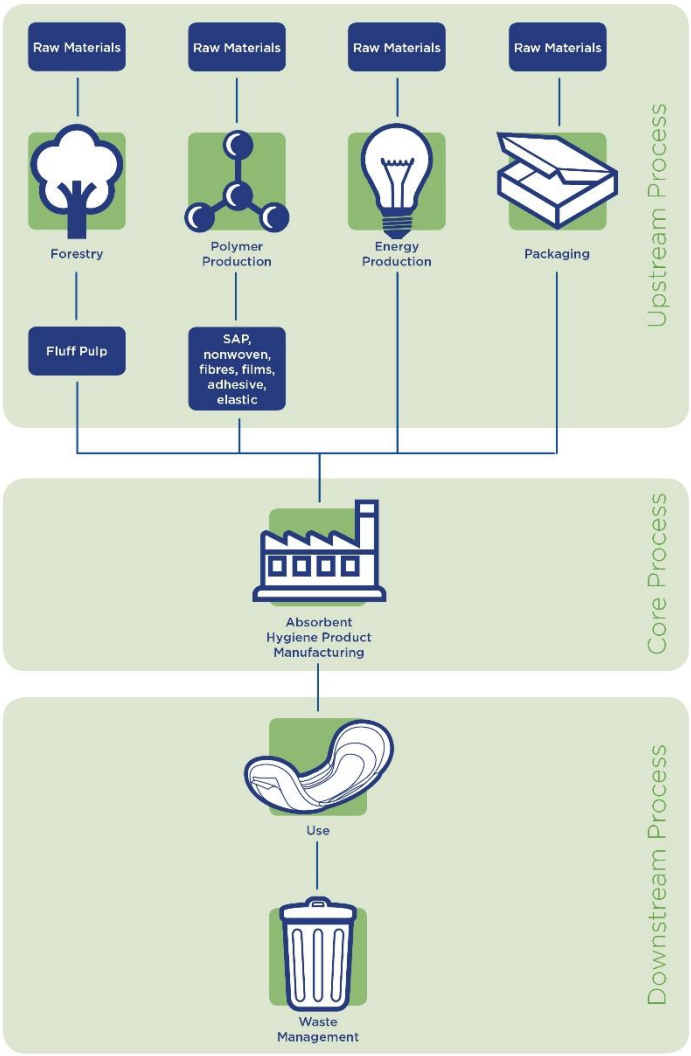
The materials used for the products and packaging comply with the Regulation (EC) No 1907/2006 of the European parliament and of the council of 18 December 2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH) and the Regulation (EC) No 1272/2008 of the European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

The finished product weight ranges between 70 and 143 g depending on the size and absorbency level where the size Small in absorption level 8 is the lightest and size Extra 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	12-30%
Plastics	13-20%

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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 Flex 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.

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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

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Attends Flex 8S

One absorbent product

Parameter		Unit	Total	Upstream	Core	Downstream
Global warming potential (GWP)	Fossil	kg CO_2 eq.	0.130	0.077	0.014	0.039
	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.	0.132	0.078	0.014	0.041
Acidification potential (AP)		kg SO_2 eq.	6.42E-04	4.83E-04	8.86E-05	6.96E-05
Eutrophication potential (EP)		kg PO_4^{3-} eq.	1.86E-04	1.35E-04	1.45E-05	3.59E-05
Photochemical oxidant creation potential (POCP)		kg NMVOC eq.	6.08E-04	4.27E-04	8.58E-05	9.53E-05
Abiotic depletion potential (ADP) - elements		kg Sb eq.	4.12E-07	3.31E-07	3.45E-08	4.72E-08
Abiotic depletion potential (ADP) - fossil resources		MJ, net calorific value	2.53E+00	2.16E+00	1.47E-01	2.27E-01
Water deprivation potential (WDP)		m^3 world eq.	1.30E-01	1.27E-01	1.78E-03	8.84E-04

Parameter		Unit	Total	Upstream	Core	Downstream
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorific value	1.12E+00	1.03E+00	7.94E-02	8.91E-03
	Used as raw materials	MJ, net calorific value	1.08E+00	1.08E+00	0.00E+00	0.00E+00
	Total	MJ, net calorific value	2.20E+00	2.11E+00	7.94E-02	8.91E-03
Primary energy resources – Non-renewable	Used as energy carrier	MJ, net calorific value	2.07E+00	1.67E+00	1.60E-01	2.48E-01
	Used as raw materials	MJ, net calorific value	8.77E-01	8.77E-01	0.00E+00	0.00E+00
	Total	MJ, net calorific value	2.95E+00	2.54E+00	1.60E-01	2.48E-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	4.37E-03	4.17E-03	1.14E-04	9.03E-05

Parameter	Unit	Total	Upstream	Core	Downstream
Hazardous waste disposed	kg	2.71E-04	2.71E-04	2.18E-07	0.00E+00
Non-hazardous waste disposed	kg	5.90E-03	3.53E-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	5.96E-03	0.00E+00	5.96E-03	0.00E+00
Materials for energy recovery	kg	3.24E-02	0.00E+00	0.00E+00	3.24E-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

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Attends Flex 8S

One day of absorbent product use

Parameter		Unit	Total	Upstream	Core	Downstream
Global warming potential (GWP)	Fossil	kg CO_2 eq.	0.520	0.308	0.054	0.158
	Biogenic	kg CO_2 eq.	0.00708	0.003	0.000	0.004
	Land use and land use change	kg CO_2 eq.	0.00265	0.002	0.001	0.000
	TOTAL	kg CO_2 eq.	0.530	0.312	0.055	0.162
Acidification potential (AP)		kg SO_2 eq.	2.57E-03	1.93E-03	3.54E-04	2.79E-04
Eutrophication potential (EP)		kg PO_4^{3-} eq.	7.42E-04	5.41E-04	5.79E-05	1.43E-04
Photochemical oxidant creation potential (POCP)		kg NMVOC eq.	2.43E-03	1.71E-03	3.43E-04	3.81E-04
Abiotic depletion potential (ADP) - elements		kg Sb eq.	1.65E-06	1.32E-06	1.38E-07	1.89E-07
Abiotic depletion potential (ADP) - fossil resources		MJ, net calorific value	1.01E+01	8.64E+00	5.86E-01	9.07E-01
Water deprivation potential (WDP)		m^3 world eq.	5.20E-01	5.10E-01	7.13E-03	3.54E-03

Parameter		Unit	Total	Upstream	Core	Downstream
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorific value	4.48E+00	4.13E+00	3.18E-01	3.56E-02
	Used as raw materials	MJ, net calorific value	4.33E+00	4.33E+00	0.00E+00	0.00E+00
	Total	MJ, net calorific value	8.81E+00	8.46E+00	3.18E-01	3.56E-02
Primary energy resources – Non-renewable	Used as energy carrier	MJ, net calorific value	8.30E+00	6.67E+00	6.38E-01	9.92E-01
	Used as raw materials	MJ, net calorific value	3.51E+00	3.51E+00	0.00E+00	0.00E+00
	Total	MJ, net calorific value	1.18E+01	1.02E+01	6.38E-01	9.92E-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	1.75E-02	1.67E-02	4.55E-04	3.61E-04

Parameter	Unit	Total	Upstream	Core	Downstream
Hazardous waste disposed	kg	1.09E-03	1.08E-03	8.73E-07	0.00E+00
Non-hazardous waste disposed	kg	2.36E-02	1.41E-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	2.38E-02	0.00E+00	2.38E-02	0.00E+00
Materials for energy recovery	kg	1.30E-01	0.00E+00	0.00E+00	1.30E-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

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Attends Flex 9S

One absorbent product

Parameter		Unit	Total	Upstream	Core	Downstream
Global warming potential (GWP)	Fossil	kg CO_2 eq.	0.153	0.090	0.015	0.048
	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.	0.155	0.091	0.015	0.049
Acidification potential (AP)		kg SO_2 eq.	7.05E-04	5.06E-04	1.23E-04	7.55E-05
Eutrophication potential (EP)		kg PO_4^{3-} eq.	2.00E-04	1.40E-04	1.82E-05	4.15E-05
Photochemical oxidant creation potential (POCP)		kg NMVOC eq.	6.94E-04	4.75E-04	1.15E-04	1.03E-04
Abiotic depletion potential (ADP) - elements		kg Sb eq.	4.21E-07	3.33E-07	3.70E-08	5.12E-08
Abiotic depletion potential (ADP) - fossil resources		MJ, net calorific value	2.90E+00	2.49E+00	1.65E-01	2.46E-01
Water deprivation potential (WDP)		m^3 world eq.	1.34E-01	1.31E-01	1.82E-03	9.56E-04

Parameter		Unit	Total	Upstream	Core	Downstream
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorific value	1.12E+00	1.03E+00	7.96E-02	9.66E-03
	Used as raw materials	MJ, net calorific value	1.09E+00	1.09E+00	0.00E+00	0.00E+00
	Total	MJ, net calorific value	2.21E+00	2.12E+00	7.96E-02	9.66E-03
Primary energy resources – Non-renewable	Used as energy carrier	MJ, net calorific value	2.29E+00	1.84E+00	1.80E-01	2.69E-01
	Used as raw materials	MJ, net calorific value	1.12E+00	1.12E+00	0.00E+00	0.00E+00
	Total	MJ, net calorific value	3.41E+00	2.96E+00	1.80E-01	2.69E-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	4.55E-03	4.33E-03	1.16E-04	9.58E-05

Parameter	Unit	Total	Upstream	Core	Downstream
Hazardous waste disposed	kg	5.04E-04	5.03E-04	2.18E-07	0.00E+00
Non-hazardous waste disposed	kg	8.93E-03	6.56E-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	6.17E-03	0.00E+00	6.17E-03	0.00E+00
Materials for energy recovery	kg	3.51E-02	0.00E+00	0.00E+00	3.51E-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

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Attends Flex 9S

One day of absorbent product use

Parameter		Unit	Total	Upstream	Core	Downstream
Global warming potential (GWP)	Fossil	kg CO_2 eq.	0.611	0.361	0.060	0.190
	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.	0.621	0.365	0.061	0.195
Acidification potential (AP)		kg SO_2 eq.	2.82E-03	2.03E-03	4.93E-04	3.02E-04
Eutrophication potential (EP)		kg PO_4^{3-} eq.	7.99E-04	5.61E-04	7.27E-05	1.66E-04
Photochemical oxidant creation potential (POCP)		kg NMVOC eq.	2.78E-03	1.90E-03	4.60E-04	4.13E-04
Abiotic depletion potential (ADP) - elements		kg Sb eq.	1.68E-06	1.33E-06	1.48E-07	2.05E-07
Abiotic depletion potential (ADP) - fossil resources		MJ, net calorific value	1.16E+01	9.96E+00	6.62E-01	9.85E-01
Water deprivation potential (WDP)		m^3 world eq.	5.35E-01	5.24E-01	7.28E-03	3.83E-03

Parameter		Unit	Total	Upstream	Core	Downstream
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorific value	4.47E+00	4.11E+00	3.18E-01	3.86E-02
	Used as raw materials	MJ, net calorific value	4.36E+00	4.36E+00	0.00E+00	0.00E+00
	Total	MJ, net calorific value	8.83E+00	8.47E+00	3.18E-01	3.86E-02
Primary energy resources – Non-renewable	Used as energy carrier	MJ, net calorific value	9.17E+00	7.37E+00	7.19E-01	1.08E+00
	Used as raw materials	MJ, net calorific value	4.48E+00	4.48E+00	0.00E+00	0.00E+00
	Total	MJ, net calorific value	1.37E+01	1.19E+01	7.19E-01	1.08E+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	1.82E-02	1.73E-02	4.65E-04	3.83E-04

Parameter	Unit	Total	Upstream	Core	Downstream
Hazardous waste disposed	kg	2.01E-03	2.01E-03	8.73E-07	0.00E+00
Non-hazardous waste disposed	kg	3.57E-02	2.62E-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	2.47E-02	0.00E+00	2.47E-02	0.00E+00
Materials for energy recovery	kg	1.41E-01	0.00E+00	0.00E+00	1.41E-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

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Attends Flex 10S

One absorbent product

Parameter		Unit	Total	Upstream	Core	Downstream
Global warming potential (GWP)	Fossil	kg CO_2 eq.	0.201	0.118	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.	0.203	0.119	0.019	0.066
Acidification potential (AP)		kg SO_2 eq.	8.60E-04	5.77E-04	1.88E-04	9.48E-05
Eutrophication potential (EP)		kg PO_4^{3-} eq.	2.40E-04	1.61E-04	2.53E-05	5.43E-05
Photochemical oxidant creation potential (POCP)		kg NMVOC eq.	8.92E-04	5.92E-04	1.70E-04	1.30E-04
Abiotic depletion potential (ADP) - elements		kg Sb eq.	4.80E-07	3.72E-07	4.40E-08	6.42E-08
Abiotic depletion potential (ADP) - fossil resources		MJ, net calorific value	3.66E+00	3.14E+00	2.11E-01	3.10E-01
Water deprivation potential (WDP)		m^3 world eq.	1.58E-01	1.54E-01	1.92E-03	1.19E-03

Parameter		Unit	Total	Upstream	Core	Downstream
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorific value	1.30E+00	1.20E+00	8.00E-02	1.21E-02
	Used as raw materials	MJ, net calorific value	1.29E+00	1.29E+00	0.00E+00	0.00E+00
	Total	MJ, net calorific value	2.59E+00	2.49E+00	8.00E-02	1.21E-02
Primary energy resources – Non-renewable	Used as energy carrier	MJ, net calorific value	2.79E+00	2.22E+00	2.28E-01	3.38E-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	4.36E+00	3.79E+00	2.28E-01	3.38E-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	5.30E-03	5.06E-03	1.21E-04	1.17E-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	6.87E-03	0.00E+00	6.87E-03	0.00E+00
Materials for energy recovery	kg	4.42E-02	0.00E+00	0.00E+00	4.42E-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

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One day of absorbent product use

Parameter		Unit	Total	Upstream	Core	Downstream
Global warming potential (GWP)	Fossil	kg CO_2 eq.	0.802	0.471	0.073	0.258
	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.	0.814	0.476	0.075	0.263
Acidification potential (AP)		kg SO_2 eq.	3.44E-03	2.31E-03	7.54E-04	3.79E-04
Eutrophication potential (EP)		kg PO_4^{3-} eq.	9.61E-04	6.43E-04	1.01E-04	2.17E-04
Photochemical oxidant creation potential (POCP)		kg NMVOC eq.	3.57E-03	2.37E-03	6.80E-04	5.19E-04
Abiotic depletion potential (ADP) - elements		kg Sb eq.	1.92E-06	1.49E-06	1.76E-07	2.57E-07
Abiotic depletion potential (ADP) - fossil resources		MJ, net calorific value	1.46E+01	1.25E+01	8.43E-01	1.24E+00
Water deprivation potential (WDP)		m^3 world eq.	6.30E-01	6.18E-01	7.69E-03	4.77E-03

Parameter		Unit	Total	Upstream	Core	Downstream
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorific value	5.18E+00	4.82E+00	3.20E-01	4.85E-02
	Used as raw materials	MJ, net calorific value	5.16E+00	5.16E+00	0.00E+00	0.00E+00
	Total	MJ, net calorific value	1.03E+01	9.97E+00	3.20E-01	4.85E-02
Primary energy resources – Non-renewable	Used as energy carrier	MJ, net calorific value	1.12E+01	8.89E+00	9.13E-01	1.35E+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	1.74E+01	1.52E+01	9.13E-01	1.35E+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	2.12E-02	2.02E-02	4.85E-04	4.69E-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	2.75E-02	0.00E+00	2.75E-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

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One absorbent product

Parameter		Unit	Total	Upstream	Core	Downstream
Global warming potential (GWP)	Fossil	kg CO_2 eq.	0.167	0.100	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	0.000	0.000	0.000
	TOTAL	kg CO_2 eq.	0.170	0.101	0.016	0.053
Acidification potential (AP)		kg SO_2 eq.	8.11E-04	6.07E-04	1.23E-04	8.13E-05
Eutrophication potential (EP)		kg PO_4^{3-} eq.	2.25E-04	1.61E-04	1.85E-05	4.49E-05
Photochemical oxidant creation potential (POCP)		kg NMVOC eq.	7.65E-04	5.39E-04	1.16E-04	1.11E-04
Abiotic depletion potential (ADP) - elements		kg Sb eq.	4.72E-07	3.76E-07	4.04E-08	5.50E-08
Abiotic depletion potential (ADP) - fossil resources		MJ, net calorific value	3.34E+00	2.90E+00	1.79E-01	2.65E-01
Water deprivation potential (WDP)		m^3 world eq.	1.50E-01	1.47E-01	1.87E-03	1.04E-03

Parameter		Unit	Total	Upstream	Core	Downstream
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorific value	1.24E+00	1.15E+00	7.98E-02	1.04E-02
	Used as raw materials	MJ, net calorific value	1.17E+00	1.17E+00	0.00E+00	0.00E+00
	Total	MJ, net calorific value	2.41E+00	2.32E+00	7.98E-02	1.04E-02
Primary energy resources – Non-renewable	Used as energy carrier	MJ, net calorific value	2.68E+00	2.20E+00	1.95E-01	2.89E-01
	Used as raw materials	MJ, net calorific value	1.20E+00	1.20E+00	0.00E+00	0.00E+00
	Total	MJ, net calorific value	3.88E+00	3.40E+00	1.95E-01	2.89E-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	4.90E-03	4.68E-03	1.18E-04	1.03E-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	6.40E-03	0.00E+00	6.40E-03	0.00E+00
Materials for energy recovery	kg	3.78E-02	0.00E+00	0.00E+00	3.78E-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

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One day of absorbent product use

Parameter		Unit	Total	Upstream	Core	Downstream
Global warming potential (GWP)	Fossil	kg CO_2 eq.	0.669	0.399	0.064	0.207
	Biogenic	kg CO_2 eq.	0.007	0.003	0.000	0.004
	Land use and land use change	kg CO_2 eq.	0.003	0.002	0.001	0.000
	TOTAL	kg CO_2 eq.	0.680	0.404	0.065	0.211
Acidification potential (AP)		kg SO_2 eq.	3.24E-03	2.43E-03	4.92E-04	3.25E-04
Eutrophication potential (EP)		kg PO_4^{3-} eq.	8.99E-04	6.46E-04	7.39E-05	1.80E-04
Photochemical oxidant creation potential (POCP)		kg NMVOC eq.	3.06E-03	2.15E-03	4.63E-04	4.45E-04
Abiotic depletion potential (ADP) - elements		kg Sb eq.	1.89E-06	1.50E-06	1.62E-07	2.20E-07
Abiotic depletion potential (ADP) - fossil resources		MJ, net calorific value	1.34E+01	1.16E+01	7.17E-01	1.06E+00
Water deprivation potential (WDP)		m^3 world eq.	6.00E-01	5.88E-01	7.47E-03	4.15E-03

Parameter		Unit	Total	Upstream	Core	Downstream
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorific value	4.96E+00	4.60E+00	3.19E-01	4.15E-02
	Used as raw materials	MJ, net calorific value	4.69E+00	4.69E+00	0.00E+00	0.00E+00
	Total	MJ, net calorific value	9.65E+00	9.29E+00	3.19E-01	4.15E-02
Primary energy resources – Non-renewable	Used as energy carrier	MJ, net calorific value	1.07E+01	8.79E+00	7.78E-01	1.16E+00
	Used as raw materials	MJ, net calorific value	4.81E+00	4.81E+00	0.00E+00	0.00E+00
	Total	MJ, net calorific value	1.55E+01	1.36E+01	7.78E-01	1.16E+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	1.96E-02	1.87E-02	4.73E-04	4.12E-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	2.56E-02	0.00E+00	2.56E-02	0.00E+00
Materials for energy recovery	kg	1.51E-01	0.00E+00	0.00E+00	1.51E-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

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One absorbent product

Parameter		Unit	Total	Upstream	Core	Downstream
Global warming potential (GWP)	Fossil	kg CO_2 eq.	0.185	0.110	0.017	0.058
	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.	0.187	0.111	0.017	0.059
Acidification potential (AP)		kg SO_2 eq.	8.66E-04	6.31E-04	1.47E-04	8.81E-05
Eutrophication potential (EP)		kg PO_4^{3-} eq.	2.39E-04	1.69E-04	2.11E-05	4.95E-05
Photochemical oxidant creation potential (POCP)		kg NMVOC eq.	8.37E-04	5.80E-04	1.36E-04	1.21E-04
Abiotic depletion potential (ADP) - elements		kg Sb eq.	4.92E-07	3.90E-07	4.29E-08	5.96E-08
Abiotic depletion potential (ADP) - fossil resources		MJ, net calorific value	3.61E+00	3.13E+00	1.95E-01	2.87E-01
Water deprivation potential (WDP)		m^3 world eq.	1.58E-01	1.55E-01	1.90E-03	1.12E-03

Parameter		Unit	Total	Upstream	Core	Downstream
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorific value	1.30E+00	1.21E+00	7.99E-02	1.12E-02
	Used as raw materials	MJ, net calorific value	1.24E+00	1.24E+00	0.00E+00	0.00E+00
	Total	MJ, net calorific value	2.54E+00	2.45E+00	7.99E-02	1.12E-02
Primary energy resources – Non-renewable	Used as energy carrier	MJ, net calorific value	2.86E+00	2.34E+00	2.12E-01	3.14E-01
	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	4.23E+00	3.70E+00	2.12E-01	3.14E-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	5.19E-03	4.96E-03	1.20E-04	1.11E-04

Parameter	Unit	Total	Upstream	Core	Downstream
Hazardous waste disposed	kg	6.00E-04	6.00E-04	2.18E-07	0.00E+00
Non-hazardous waste disposed	kg	1.02E-02	7.81E-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	6.65E-03	0.00E+00	6.65E-03	0.00E+00
Materials for energy recovery	kg	4.09E-02	0.00E+00	0.00E+00	4.09E-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

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One day of absorbent product use

Parameter		Unit	Total	Upstream	Core	Downstream
Global warming potential (GWP)	Fossil	kg CO_2 eq.	0.738	0.439	0.068	0.231
	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.	0.749	0.444	0.070	0.236
Acidification potential (AP)		kg SO_2 eq.	3.46E-03	2.53E-03	5.87E-04	3.52E-04
Eutrophication potential (EP)		kg PO_4^{3-} eq.	9.57E-04	6.75E-04	8.43E-05	1.98E-04
Photochemical oxidant creation potential (POCP)		kg NMVOC eq.	3.35E-03	2.32E-03	5.43E-04	4.82E-04
Abiotic depletion potential (ADP) - elements		kg Sb eq.	1.97E-06	1.56E-06	1.72E-07	2.38E-07
Abiotic depletion potential (ADP) - fossil resources		MJ, net calorific value	1.45E+01	1.25E+01	7.81E-01	1.15E+00
Water deprivation potential (WDP)		m^3 world eq.	6.33E-01	6.21E-01	7.61E-03	4.48E-03

Parameter		Unit	Total	Upstream	Core	Downstream
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorific value	5.20E+00	4.84E+00	3.20E-01	4.50E-02
	Used as raw materials	MJ, net calorific value	4.96E+00	4.96E+00	0.00E+00	0.00E+00
	Total	MJ, net calorific value	1.02E+01	9.79E+00	3.20E-01	4.50E-02
Primary energy resources – Non-renewable	Used as energy carrier	MJ, net calorific value	1.14E+01	9.34E+00	8.48E-01	1.26E+00
	Used as raw materials	MJ, net calorific value	5.46E+00	5.46E+00	0.00E+00	0.00E+00
	Total	MJ, net calorific value	1.69E+01	1.48E+01	8.48E-01	1.26E+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	2.07E-02	1.98E-02	4.81E-04	4.42E-04

Parameter	Unit	Total	Upstream	Core	Downstream
Hazardous waste disposed	kg	2.40E-03	2.40E-03	8.73E-07	0.00E+00
Non-hazardous waste disposed	kg	4.07E-02	3.13E-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	2.66E-02	0.00E+00	2.66E-02	0.00E+00
Materials for energy recovery	kg	1.64E-01	0.00E+00	0.00E+00	1.64E-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

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One absorbent product

Parameter		Unit	Total	Upstream	Core	Downstream
Global warming potential (GWP)	Fossil	kg CO_2 eq.	0.240	0.142	0.021	0.077
	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.	0.243	0.143	0.021	0.079
Acidification potential (AP)		kg SO_2 eq.	1.04E-03	7.04E-04	2.26E-04	1.08E-04
Eutrophication potential (EP)		kg PO_4^{3-} eq.	2.82E-04	1.88E-04	2.97E-05	6.41E-05
Photochemical oxidant creation potential (POCP)		kg NMVOC eq.	2.43E-01	1.43E-01	2.12E-02	7.89E-02
Abiotic depletion potential (ADP) - elements		kg Sb eq.	1.06E-03	7.10E-04	2.03E-04	1.48E-04
Abiotic depletion potential (ADP) - fossil resources		MJ, net calorific value	5.45E-07	4.22E-07	5.04E-08	7.30E-08
Water deprivation potential (WDP)		m^3 world eq.	4.50E+00	3.90E+00	2.46E-01	3.52E-01

Parameter		Unit	Total	Upstream	Core	Downstream
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorific value	1.44E+00	1.34E+00	8.04E-02	1.38E-02
	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	2.84E+00	2.74E+00	8.04E-02	1.38E-02
Primary energy resources – Non-renewable	Used as energy carrier	MJ, net calorific value	3.42E+00	2.77E+00	2.66E-01	3.85E-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	5.34E+00	4.69E+00	2.66E-01	3.85E-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	5.91E-03	5.65E-03	1.26E-04	1.32E-04

Parameter	Unit	Total	Upstream	Core	Downstream
Hazardous waste disposed	kg	1.12E-03	1.12E-03	2.18E-07	0.00E+00
Non-hazardous waste disposed	kg	1.70E-02	1.46E-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	7.36E-03	0.00E+00	7.36E-03	0.00E+00
Materials for energy recovery	kg	5.02E-02	0.00E+00	0.00E+00	5.02E-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

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One day of absorbent product use

Parameter		Unit	Total	Upstream	Core	Downstream
Global warming potential (GWP)	Fossil	kg CO_2 eq.	0.961	0.568	0.083	0.310
	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.	0.973	0.573	0.085	0.315
Acidification potential (AP)		kg SO_2 eq.	4.15E-03	2.82E-03	9.04E-04	4.31E-04
Eutrophication potential (EP)		kg PO_4^{3-} eq.	1.13E-03	7.54E-04	1.19E-04	2.56E-04
Photochemical oxidant creation potential (POCP)		kg NMVOC eq.	4.24E-03	2.84E-03	8.11E-04	5.90E-04
Abiotic depletion potential (ADP) - elements		kg Sb eq.	2.18E-06	1.69E-06	2.01E-07	2.92E-07
Abiotic depletion potential (ADP) - fossil resources		MJ, net calorific value	1.80E+01	1.56E+01	9.84E-01	1.41E+00
Water deprivation potential (WDP)		m^3 world eq.	7.18E-01	7.05E-01	8.06E-03	5.45E-03

Parameter		Unit	Total	Upstream	Core	Downstream
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorific value	5.74E+00	5.37E+00	3.21E-01	5.51E-02
	Used as raw materials	MJ, net calorific value	5.60E+00	5.60E+00	0.00E+00	0.00E+00
	Total	MJ, net calorific value	1.13E+01	1.10E+01	3.21E-01	5.51E-02
Primary energy resources – Non-renewable	Used as energy carrier	MJ, net calorific value	1.37E+01	1.11E+01	1.07E+00	1.54E+00
	Used as raw materials	MJ, net calorific value	7.66E+00	7.66E+00	0.00E+00	0.00E+00
	Total	MJ, net calorific value	2.14E+01	1.87E+01	1.07E+00	1.54E+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	2.36E-02	2.26E-02	5.05E-04	5.26E-04

Parameter	Unit	Total	Upstream	Core	Downstream
Hazardous waste disposed	kg	4.49E-03	4.49E-03	8.73E-07	0.00E+00
Non-hazardous waste disposed	kg	6.80E-02	5.85E-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	2.95E-02	0.00E+00	2.95E-02	0.00E+00
Materials for energy recovery	kg	2.01E-01	0.00E+00	0.00E+00	2.01E-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

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One absorbent product

Parameter		Unit	Total	Upstream	Core	Downstream
Global warming potential (GWP)	Fossil	kg CO_2 eq.	0.176	0.105	0.016	0.054
	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.	0.179	0.107	0.017	0.056
Acidification potential (AP)		kg SO_2 eq.	8.63E-04	6.57E-04	1.17E-04	8.84E-05
Eutrophication potential (EP)		kg PO_4^{3-} eq.	2.45E-04	1.79E-04	1.81E-05	4.80E-05
Photochemical oxidant creation potential (POCP)		kg NMVOC eq.	8.03E-04	5.71E-04	1.12E-04	1.21E-04
Abiotic depletion potential (ADP) - elements		kg Sb eq.	5.15E-07	4.12E-07	4.28E-08	5.98E-08
Abiotic depletion potential (ADP) - fossil resources		MJ, net calorific value	3.61E+00	3.14E+00	1.87E-01	2.88E-01
Water deprivation potential (WDP)		m^3 world eq.	1.65E-01	1.62E-01	1.90E-03	1.13E-03

Parameter		Unit	Total	Upstream	Core	Downstream
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorific value	1.37E+00	1.28E+00	7.99E-02	1.13E-02
	Used as raw materials	MJ, net calorific value	1.31E+00	1.31E+00	0.00E+00	0.00E+00
	Total	MJ, net calorific value	2.68E+00	2.59E+00	7.99E-02	1.13E-02
Primary energy resources – Non-renewable	Used as energy carrier	MJ, net calorific value	2.95E+00	2.43E+00	2.04E-01	3.15E-01
	Used as raw materials	MJ, net calorific value	1.23E+00	1.23E+00	0.00E+00	0.00E+00
	Total	MJ, net calorific value	4.18E+00	3.66E+00	2.04E-01	3.15E-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	5.40E-03	5.17E-03	1.20E-04	1.13E-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	6.63E-03	0.00E+00	6.63E-03	0.00E+00
Materials for energy recovery	kg	4.10E-02	0.00E+00	0.00E+00	4.10E-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

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One day of absorbent product use

Parameter		Unit	Total	Upstream	Core	Downstream
Global warming potential (GWP)	Fossil	kg CO_2 eq.	0.704	0.421	0.066	0.217
	Biogenic	kg CO_2 eq.	0.009	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.	0.716	0.427	0.067	0.223
Acidification potential (AP)		kg SO_2 eq.	3.45E-03	2.63E-03	4.69E-04	3.54E-04
Eutrophication potential (EP)		kg PO_4^{3-} eq.	9.81E-04	7.17E-04	7.24E-05	1.92E-04
Photochemical oxidant creation potential (POCP)		kg NMVOC eq.	3.21E-03	2.28E-03	4.46E-04	4.84E-04
Abiotic depletion potential (ADP) - elements		kg Sb eq.	2.06E-06	1.65E-06	1.71E-07	2.39E-07
Abiotic depletion potential (ADP) - fossil resources		MJ, net calorific value	1.44E+01	1.25E+01	7.50E-01	1.15E+00
Water deprivation potential (WDP)		m^3 world eq.	6.62E-01	6.50E-01	7.59E-03	4.52E-03

Parameter		Unit	Total	Upstream	Core	Downstream
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorific value	5.47E+00	5.11E+00	3.20E-01	4.51E-02
	Used as raw materials	MJ, net calorific value	5.25E+00	5.25E+00	0.00E+00	0.00E+00
	Total	MJ, net calorific value	1.07E+01	1.04E+01	3.20E-01	4.51E-02
Primary energy resources – Non-renewable	Used as energy carrier	MJ, net calorific value	1.18E+01	9.71E+00	8.14E-01	1.26E+00
	Used as raw materials	MJ, net calorific value	4.91E+00	4.91E+00	0.00E+00	0.00E+00
	Total	MJ, net calorific value	1.67E+01	1.46E+01	8.14E-01	1.26E+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	2.16E-02	2.07E-02	4.80E-04	4.52E-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	2.65E-02	0.00E+00	2.65E-02	0.00E+00
Materials for energy recovery	kg	1.64E-01	0.00E+00	0.00E+00	1.64E-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

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One absorbent product

Parameter		Unit	Total	Upstream	Core	Downstream
Global warming potential (GWP)	Fossil	kg CO_2 eq.	0.206	0.123	0.019	0.065
	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.	0.210	0.124	0.019	0.066
Acidification potential (AP)		kg SO_2 eq.	9.65E-04	7.06E-04	1.56E-04	1.02E-04
Eutrophication potential (EP)		kg PO_4^{3-} eq.	2.75E-04	1.96E-04	2.24E-05	5.66E-05
Photochemical oxidant creation potential (POCP)		kg NMVOC eq.	9.31E-04	6.47E-04	1.45E-04	1.40E-04
Abiotic depletion potential (ADP) - elements		kg Sb eq.	5.61E-07	4.45E-07	4.75E-08	6.92E-08
Abiotic depletion potential (ADP) - fossil resources		MJ, net calorific value	4.08E+00	3.53E+00	2.16E-01	3.33E-01
Water deprivation potential (WDP)		m^3 world eq.	1.83E-01	1.79E-01	1.96E-03	1.30E-03

Parameter		Unit	Total	Upstream	Core	Downstream
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorific value	1.49E+00	1.40E+00	8.02E-02	1.31E-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	2.98E+00	2.88E+00	8.02E-02	1.31E-02
Primary energy resources – Non-renewable	Used as energy carrier	MJ, net calorific value	3.27E+00	2.67E+00	2.35E-01	3.64E-01
	Used as raw materials	MJ, net calorific value	1.49E+00	1.49E+00	0.00E+00	0.00E+00
	Total	MJ, net calorific value	4.76E+00	4.16E+00	2.35E-01	3.64E-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	6.03E-03	5.78E-03	1.24E-04	1.29E-04

Parameter	Unit	Total	Upstream	Core	Downstream
Hazardous waste disposed	kg	6.39E-04	6.39E-04	2.18E-07	0.00E+00
Non-hazardous waste disposed	kg	1.07E-02	8.32E-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	7.10E-03	0.00E+00	7.10E-03	0.00E+00
Materials for energy recovery	kg	4.75E-02	0.00E+00	0.00E+00	4.75E-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

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One day of absorbent product use

Parameter		Unit	Total	Upstream	Core	Downstream
Global warming potential (GWP)	Fossil	kg CO_2 eq.	0.825	0.491	0.074	0.259
	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.	0.839	0.497	0.075	0.266
Acidification potential (AP)		kg SO_2 eq.	3.86E-03	2.82E-03	6.25E-04	4.09E-04
Eutrophication potential (EP)		kg PO_4^{3-} eq.	1.10E-03	7.83E-04	8.96E-05	2.26E-04
Photochemical oxidant creation potential (POCP)		kg NMVOC eq.	3.73E-03	2.59E-03	5.78E-04	5.60E-04
Abiotic depletion potential (ADP) - elements		kg Sb eq.	2.25E-06	1.78E-06	1.90E-07	2.77E-07
Abiotic depletion potential (ADP) - fossil resources		MJ, net calorific value	1.63E+01	1.41E+01	8.66E-01	1.33E+00
Water deprivation potential (WDP)		m^3 world eq.	7.31E-01	7.18E-01	7.86E-03	5.19E-03

Parameter		Unit	Total	Upstream	Core	Downstream
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorific value	5.97E+00	5.60E+00	3.21E-01	5.22E-02
	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	1.19E+01	1.15E+01	3.21E-01	5.22E-02
Primary energy resources – Non-renewable	Used as energy carrier	MJ, net calorific value	1.31E+01	1.07E+01	9.39E-01	1.46E+00
	Used as raw materials	MJ, net calorific value	5.97E+00	5.97E+00	0.00E+00	0.00E+00
	Total	MJ, net calorific value	1.90E+01	1.67E+01	9.39E-01	1.46E+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	2.41E-02	2.31E-02	4.94E-04	5.18E-04

Parameter	Unit	Total	Upstream	Core	Downstream
Hazardous waste disposed	kg	2.56E-03	2.55E-03	8.73E-07	0.00E+00
Non-hazardous waste disposed	kg	4.28E-02	3.33E-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	1.90E-01	0.00E+00	0.00E+00	1.90E-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

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One absorbent product

Parameter		Unit	Total	Upstream	Core	Downstream
Global warming potential (GWP)	Fossil	kg CO_2 eq.	0.307	0.182	0.025	0.100
	Biogenic	kg CO_2 eq.	0.004	0.001	0.000	0.003
	Land use and land use change	kg CO_2 eq.	0.001	0.001	0.000	0.000
	TOTAL	kg CO_2 eq.	0.313	0.184	0.026	0.103
Acidification potential (AP)		kg SO_2 eq.	1.28E-03	8.48E-04	2.95E-04	1.41E-04
Eutrophication potential (EP)		kg PO_4^{3-} eq.	3.63E-04	2.41E-04	3.75E-05	8.44E-05
Photochemical oxidant creation potential (POCP)		kg NMVOC eq.	1.34E-03	8.87E-04	2.62E-04	1.93E-04
Abiotic depletion potential (ADP) - elements		kg Sb eq.	6.77E-07	5.20E-07	6.11E-08	9.53E-08
Abiotic depletion potential (ADP) - fossil resources		MJ, net calorific value	5.68E+00	4.91E+00	3.07E-01	4.60E-01
Water deprivation potential (WDP)		m^3 world eq.	2.23E-01	2.19E-01	2.17E-03	1.77E-03

Parameter		Unit	Total	Upstream	Core	Downstream
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorific value	1.71E+00	1.61E+00	8.10E-02	1.80E-02
	Used as raw materials	MJ, net calorific value	1.86E+00	1.86E+00	0.00E+00	0.00E+00
	Total	MJ, net calorific value	3.56E+00	3.46E+00	8.10E-02	1.80E-02
Primary energy resources – Non-renewable	Used as energy carrier	MJ, net calorific value	4.32E+00	3.48E+00	3.32E-01	5.03E-01
	Used as raw materials	MJ, net calorific value	2.44E+00	2.44E+00	0.00E+00	0.00E+00
	Total	MJ, net calorific value	6.76E+00	5.92E+00	3.32E-01	5.03E-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	7.47E-03	7.17E-03	1.34E-04	1.72E-04

Parameter	Unit	Total	Upstream	Core	Downstream
Hazardous waste disposed	kg	1.55E-03	1.55E-03	2.18E-07	0.00E+00
Non-hazardous waste disposed	kg	2.25E-02	2.02E-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	8.38E-03	0.00E+00	8.38E-03	0.00E+00
Materials for energy recovery	kg	6.56E-02	0.00E+00	0.00E+00	6.56E-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

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One day of absorbent product use

Parameter		Unit	Total	Upstream	Core	Downstream
Global warming potential (GWP)	Fossil	kg CO_2 eq.	1.230	0.729	0.101	0.399
	Biogenic	kg CO_2 eq.	0.017	0.005	0.000	0.012
	Land use and land use change	kg CO_2 eq.	0.004	0.002	0.001	0.000
	TOTAL	kg CO_2 eq.	1.251	0.737	0.102	0.411
Acidification potential (AP)		kg SO_2 eq.	5.13E-03	3.39E-03	1.18E-03	5.63E-04
Eutrophication potential (EP)		kg PO_4^{3-} eq.	1.45E-03	9.64E-04	1.50E-04	3.37E-04
Photochemical oxidant creation potential (POCP)		kg NMVOC eq.	5.37E-03	3.55E-03	1.05E-03	7.71E-04
Abiotic depletion potential (ADP) - elements		kg Sb eq.	2.71E-06	2.08E-06	2.45E-07	3.81E-07
Abiotic depletion potential (ADP) - fossil resources		MJ, net calorific value	2.27E+01	1.96E+01	1.23E+00	1.84E+00
Water deprivation potential (WDP)		m^3 world eq.	8.90E-01	8.75E-01	8.66E-03	7.08E-03

Parameter		Unit	Total	Upstream	Core	Downstream
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorific value	6.82E+00	6.43E+00	3.24E-01	7.20E-02
	Used as raw materials	MJ, net calorific value	7.43E+00	7.43E+00	0.00E+00	0.00E+00
	Total	MJ, net calorific value	1.43E+01	1.39E+01	3.24E-01	7.20E-02
Primary energy resources – Non-renewable	Used as energy carrier	MJ, net calorific value	1.73E+01	1.39E+01	1.33E+00	2.01E+00
	Used as raw materials	MJ, net calorific value	9.76E+00	9.76E+00	0.00E+00	0.00E+00
	Total	MJ, net calorific value	2.70E+01	2.37E+01	1.33E+00	2.01E+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	2.99E-02	2.87E-02	5.38E-04	6.87E-04

Parameter	Unit	Total	Upstream	Core	Downstream
Hazardous waste disposed	kg	6.19E-03	6.19E-03	8.73E-07	0.00E+00
Non-hazardous waste disposed	kg	9.01E-02	8.07E-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	3.35E-02	0.00E+00	3.35E-02	0.00E+00
Materials for energy recovery	kg	2.62E-01	0.00E+00	0.00E+00	2.62E-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

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One absorbent product

Parameter		Unit	Total	Upstream	Core	Downstream
Global warming potential (GWP)	Fossil	kg CO_2 eq.	0.208	0.124	0.018	0.065
	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.	0.211	0.126	0.019	0.067
Acidification potential (AP)		kg SO_2 eq.	9.79E-04	7.35E-04	1.41E-04	1.03E-04
Eutrophication potential (EP)		kg PO_4^{3-} eq.	2.84E-04	2.06E-04	2.10E-05	5.71E-05
Photochemical oxidant creation potential (POCP)		kg NMVOC eq.	9.24E-04	6.51E-04	1.33E-04	1.41E-04
Abiotic depletion potential (ADP) - elements		kg Sb eq.	5.75E-07	4.58E-07	4.80E-08	6.95E-08
Abiotic depletion potential (ADP) - fossil resources		MJ, net calorific value	4.30E+00	3.75E+00	2.14E-01	3.34E-01
Water deprivation potential (WDP)		m^3 world eq.	1.87E-01	1.84E-01	1.97E-03	1.31E-03

Parameter		Unit	Total	Upstream	Core	Downstream
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorific value	1.51E+00	1.42E+00	8.02E-02	1.31E-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	2.99E+00	2.90E+00	8.02E-02	1.31E-02
Primary energy resources – Non-renewable	Used as energy carrier	MJ, net calorific value	3.46E+00	2.86E+00	2.33E-01	3.66E-01
	Used as raw materials	MJ, net calorific value	1.51E+00	1.51E+00	0.00E+00	0.00E+00
	Total	MJ, net calorific value	4.97E+00	4.37E+00	2.33E-01	3.66E-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	6.06E-03	5.81E-03	1.24E-04	1.30E-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	7.12E-03	0.00E+00	7.12E-03	0.00E+00
Materials for energy recovery	kg	4.77E-02	0.00E+00	0.00E+00	4.77E-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

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Attends Flex 8XL

One day of absorbent product use

Parameter		Unit	Total	Upstream	Core	Downstream
Global warming potential (GWP)	Fossil	kg CO_2 eq.	0.832	0.497	0.073	0.261
	Biogenic	kg CO_2 eq.	0.011	0.004	0.000	0.007
	Land use and land use change	kg CO_2 eq.	0.004	0.002	0.001	0.000
	TOTAL	kg CO_2 eq.	0.846	0.503	0.074	0.268
Acidification potential (AP)		kg SO_2 eq.	3.92E-03	2.94E-03	5.65E-04	4.11E-04
Eutrophication potential (EP)		kg PO_4^{3-} eq.	1.13E-03	8.22E-04	8.38E-05	2.28E-04
Photochemical oxidant creation potential (POCP)		kg NMVOC eq.	3.69E-03	2.60E-03	5.30E-04	5.62E-04
Abiotic depletion potential (ADP) - elements		kg Sb eq.	2.30E-06	1.83E-06	1.92E-07	2.78E-07
Abiotic depletion potential (ADP) - fossil resources		MJ, net calorific value	1.72E+01	1.50E+01	8.57E-01	1.34E+00
Water deprivation potential (WDP)		m^3 world eq.	7.50E-01	7.36E-01	7.87E-03	5.23E-03

Parameter		Unit	Total	Upstream	Core	Downstream
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorific value	6.04E+00	5.67E+00	3.21E-01	5.25E-02
	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	1.20E+01	1.16E+01	3.21E-01	5.25E-02
Primary energy resources – Non-renewable	Used as energy carrier	MJ, net calorific value	1.38E+01	1.14E+01	9.31E-01	1.46E+00
	Used as raw materials	MJ, net calorific value	6.05E+00	6.05E+00	0.00E+00	0.00E+00
	Total	MJ, net calorific value	1.99E+01	1.75E+01	9.31E-01	1.46E+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	2.43E-02	2.32E-02	4.95E-04	5.19E-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	2.85E-02	0.00E+00	2.85E-02	0.00E+00
Materials for energy recovery	kg	1.91E-01	0.00E+00	0.00E+00	1.91E-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

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One absorbent product

Parameter		Unit	Total	Upstream	Core	Downstream
Global warming potential (GWP)	Fossil	kg CO_2 eq.	0.245	0.145	0.021	0.078
	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.	0.249	0.147	0.021	0.080
Acidification potential (AP)		kg SO_2 eq.	1.11E-03	8.00E-04	1.87E-04	1.21E-04
Eutrophication potential (EP)		kg PO_4^{3-} eq.	3.21E-04	2.27E-04	2.60E-05	6.76E-05
Photochemical oxidant creation potential (POCP)		kg NMVOC eq.	1.08E-03	7.47E-04	1.71E-04	1.66E-04
Abiotic depletion potential (ADP) - elements		kg Sb eq.	6.42E-07	5.06E-07	5.43E-08	8.19E-08
Abiotic depletion potential (ADP) - fossil resources		MJ, net calorific value	4.87E+00	4.22E+00	2.51E-01	3.94E-01
Water deprivation potential (WDP)		m^3 world eq.	2.13E-01	2.10E-01	2.06E-03	1.53E-03

Parameter		Unit	Total	Upstream	Core	Downstream
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorific value	1.73E+00	1.63E+00	8.06E-02	1.55E-02
	Used as raw materials	MJ, net calorific value	1.73E+00	1.73E+00	0.00E+00	0.00E+00
	Total	MJ, net calorific value	3.46E+00	3.36E+00	8.06E-02	1.55E-02
Primary energy resources – Non-renewable	Used as energy carrier	MJ, net calorific value	3.86E+00	3.16E+00	2.73E-01	4.31E-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	5.68E+00	4.98E+00	2.73E-01	4.31E-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	7.01E-03	6.73E-03	1.29E-04	1.52E-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	7.77E-03	0.00E+00	7.77E-03	0.00E+00
Materials for energy recovery	kg	5.63E-02	0.00E+00	0.00E+00	5.63E-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

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One day of absorbent product use

Parameter		Unit	Total	Upstream	Core	Downstream
Global warming potential (GWP)	Fossil	kg CO_2 eq.	0.978	0.582	0.084	0.312
	Biogenic	kg CO_2 eq.	0.012	0.004	0.000	0.008
	Land use and land use change	kg CO_2 eq.	0.004	0.002	0.001	0.000
	TOTAL	kg CO_2 eq.	0.994	0.589	0.085	0.320
Acidification potential (AP)		kg SO_2 eq.	4.43E-03	3.20E-03	7.47E-04	4.84E-04
Eutrophication potential (EP)		kg PO_4^{3-} eq.	1.28E-03	9.10E-04	1.04E-04	2.70E-04
Photochemical oxidant creation potential (POCP)		kg NMVOC eq.	4.34E-03	2.99E-03	6.85E-04	6.63E-04
Abiotic depletion potential (ADP) - elements		kg Sb eq.	2.57E-06	2.02E-06	2.17E-07	3.28E-07
Abiotic depletion potential (ADP) - fossil resources		MJ, net calorific value	1.95E+01	1.69E+01	1.01E+00	1.58E+00
Water deprivation potential (WDP)		m^3 world eq.	8.53E-01	8.39E-01	8.23E-03	6.12E-03

Parameter		Unit	Total	Upstream	Core	Downstream
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorific value	6.91E+00	6.53E+00	3.22E-01	6.19E-02
	Used as raw materials	MJ, net calorific value	6.93E+00	6.93E+00	0.00E+00	0.00E+00
	Total	MJ, net calorific value	1.38E+01	1.35E+01	3.22E-01	6.19E-02
Primary energy resources – Non-renewable	Used as energy carrier	MJ, net calorific value	1.55E+01	1.26E+01	1.09E+00	1.73E+00
	Used as raw materials	MJ, net calorific value	7.28E+00	7.28E+00	0.00E+00	0.00E+00
	Total	MJ, net calorific value	2.27E+01	1.99E+01	1.09E+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	2.80E-02	2.69E-02	5.15E-04	6.09E-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	3.11E-02	0.00E+00	3.11E-02	0.00E+00
Materials for energy recovery	kg	2.25E-01	0.00E+00	0.00E+00	2.25E-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

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One absorbent product

Parameter		Unit	Total	Upstream	Core	Downstream
Global warming potential (GWP)	Fossil	kg CO_2 eq.	0.314	0.186	0.026	0.103
	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.	0.318	0.188	0.026	0.105
Acidification potential (AP)		kg SO_2 eq.	1.31E-03	8.76E-04	2.91E-04	1.41E-04
Eutrophication potential (EP)		kg PO_4^{3-} eq.	3.67E-04	2.45E-04	3.72E-05	8.50E-05
Photochemical oxidant creation potential (POCP)		kg NMVOC eq.	1.35E-03	9.00E-04	2.59E-04	1.93E-04
Abiotic depletion potential (ADP) - elements		kg Sb eq.	6.81E-07	5.23E-07	6.24E-08	9.55E-08
Abiotic depletion potential (ADP) - fossil resources		MJ, net calorific value	5.98E+00	5.21E+00	3.11E-01	4.60E-01
Water deprivation potential (WDP)		m^3 world eq.	2.29E-01	2.25E-01	2.18E-03	1.78E-03

Parameter		Unit	Total	Upstream	Core	Downstream
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorific value	1.78E+00	1.68E+00	8.11E-02	1.80E-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	3.59E+00	3.49E+00	8.11E-02	1.80E-02
Primary energy resources – Non-renewable	Used as energy carrier	MJ, net calorific value	4.53E+00	3.69E+00	3.37E-01	5.03E-01
	Used as raw materials	MJ, net calorific value	2.55E+00	2.55E+00	0.00E+00	0.00E+00
	Total	MJ, net calorific value	7.08E+00	6.24E+00	3.37E-01	5.03E-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	7.50E-03	7.19E-03	1.35E-04	1.71E-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	8.50E-03	0.00E+00	8.50E-03	0.00E+00
Materials for energy recovery	kg	6.57E-02	0.00E+00	0.00E+00	6.57E-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

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One day of absorbent product use

Parameter		Unit	Total	Upstream	Core	Downstream
Global warming potential (GWP)	Fossil	kg CO_2 eq.	1.256	0.743	0.102	0.411
	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.	1.273	0.750	0.103	0.420
Acidification potential (AP)		kg SO_2 eq.	5.23E-03	3.50E-03	1.16E-03	5.64E-04
Eutrophication potential (EP)		kg PO_4^{3-} eq.	1.47E-03	9.79E-04	1.49E-04	3.40E-04
Photochemical oxidant creation potential (POCP)		kg NMVOC eq.	5.41E-03	3.60E-03	1.04E-03	7.72E-04
Abiotic depletion potential (ADP) - elements		kg Sb eq.	2.72E-06	2.09E-06	2.49E-07	3.82E-07
Abiotic depletion potential (ADP) - fossil resources		MJ, net calorific value	2.39E+01	2.08E+01	1.24E+00	1.84E+00
Water deprivation potential (WDP)		m^3 world eq.	9.17E-01	9.02E-01	8.72E-03	7.11E-03

Parameter		Unit	Total	Upstream	Core	Downstream
Primary energy resources - Renewable	Used as energy carrier	MJ, net calorific value	7.12E+00	6.72E+00	3.24E-01	7.20E-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	1.44E+01	1.40E+01	3.24E-01	7.20E-02
Primary energy resources – Non-renewable	Used as energy carrier	MJ, net calorific value	1.81E+01	1.48E+01	1.35E+00	2.01E+00
	Used as raw materials	MJ, net calorific value	1.02E+01	1.02E+01	0.00E+00	0.00E+00
	Total	MJ, net calorific value	2.83E+01	2.50E+01	1.35E+00	2.01E+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	3.00E-02	2.88E-02	5.41E-04	6.84E-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	3.40E-02	0.00E+00	3.40E-02	0.00E+00
Materials for energy recovery	kg	2.63E-01	0.00E+00	0.00E+00	2.63E-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

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Programme-related information and verification

This EPD follow 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)
Third party verifier: Daniel Böckin (daniel@miljogiraff.se) and Karin Lagercrantz (karin@miljogiraff.se) under the guidance of Marcus Wendin (marcus@miljogiraff.se) Miljögiraff AB www.miljogiraff.se

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Programme operator:	EPD International AB Box 210 60, 100 31, Stockholm, Sweden info@environdec.com

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Differences compared to previous version

Version 1.

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