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Environmental report
„Structural Wood Screws“

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1 Life Cycle Assessment „Structural Wood Screws “

1.1 Technical data and material distribution

Table 1.1: Technical data and material distribution

IT- Number	Product name	Pcs. per salespack	Weight [kg]	Material
2363490	S-WCF-H-8x120 Z	50	1,354	Steel, Cardboard
2363491	S-WCF-H-8x140 Z	50	1,569	Steel, Cardboard
2363492	S-WCF-H-8x160 Z	50	1,774	Steel, Cardboard
2363493	S-WCF-H-8x180 Z	50	1,979	Steel, Cardboard
2363494	S-WCF-H-8x200 Z	50	2,184	Steel, Cardboard
2363495	S-WCF-H-8x220 Z	50	2,424	Steel, Cardboard
2363496	S-WCF-H-8x240 Z	50	2,629	Steel, Cardboard
2363497	S-WCF-H-8x260 Z	50	2,762	Steel, Cardboard
2363498	S-WCF-H-8x280 Z	50	3,054	Steel, Cardboard
2363499	S-WCF-H-8x300 Z	50	3,259	Steel, Cardboard
2363580	S-WCF-H-8x325 Z	50	3,451	Steel, Cardboard
2363581	S-WCF-H-8x350 Z	50	3,711	Steel, Cardboard
2363582	S-WCF-H-8x375 Z	50	3,970	Steel, Cardboard
2363583	S-WCF-H-8x400 Z	50	4,298	Steel, Cardboard
2363584	S-WCF-H-8x450 Z	25	2,504	Steel, Cardboard
2363585	S-WCF-H-8x500 Z	25	2,759	Steel, Cardboard
2372405	S-WCF-H-8x580 Z	25	3,166	Steel, Cardboard
2363586	S-WCF-H-10x120 Z	50	1,961	Steel, Cardboard
2363587	S-WCF-H-10x160 Z	50	2,555	Steel, Cardboard
2363588	S-WCF-H-10x180 Z	50	2,852	Steel, Cardboard
2363589	S-WCF-H-10x200 Z	50	3,184	Steel, Cardboard
2363590	S-WCF-H-10x220 Z	50	3,481	Steel, Cardboard
2363591	S-WCF-H-10x240 Z	50	3,778	Steel, Cardboard
2363592	S-WCF-H-10x260 Z	50	4,090	Steel, Cardboard
2363593	S-WCF-H-10x280 Z	50	4,387	Steel, Cardboard
2363594	S-WCF-H-10x300 Z	50	4,985	Steel, Cardboard
2363595	S-WCF-H-10x325 Z	50	5,361	Steel, Cardboard
2363596	S-WCF-H-10x350 Z	50	5,795	Steel, Cardboard
2363597	S-WCF-H-10x375 Z	50	6,211	Steel, Cardboard
2363598	S-WCF-H-10x400 Z	50	6,524	Steel, Cardboard
2363599	S-WCF-H-10x450 Z	25	3,768	Steel, Cardboard
2363600	S-WCF-H-10x500 Z	25	4,230	Steel, Cardboard
2372404	S-WCF-H-10x580 Z	25	4,865	Steel, Cardboard

IT- Number	Product name	Pcs. per salespack	Weight [kg]	Material
2363601	S-WXF-S-8x120 Z	50	1,279	Steel, Cardboard
2363602	S-WXF-S-8x140 Z	50	1,494	Steel, Cardboard
2363603	S-WXF-S-8x160 Z	50	1,697	Steel, Cardboard
2363604	S-WXF-S-8x180 Z	50	1,897	Steel, Cardboard
2363605	S-WXF-S-8x200 Z	50	2,122	Steel, Cardboard
2363606	S-WXF-S-8x220 Z	50	2,349	Steel, Cardboard
2363607	S-WXF-S-8x240 Z	50	2,567	Steel, Cardboard
2363608	S-WXF-S-8x260 Z	50	2,782	Steel, Cardboard
2363609	S-WXF-S-8x280 Z	50	3,037	Steel, Cardboard
2363610	S-WXF-S-8x300 Z	50	3,197	Steel, Cardboard
2363611	S-WXF-S-8x325 Z	50	3,471	Steel, Cardboard
2363612	S-WXF-S-8x350 Z	50	3,711	Steel, Cardboard
2363613	S-WXF-S-8x375 Z	50	3,986	Steel, Cardboard
2363614	S-WXF-S-8x400 Z	50	4,298	Steel, Cardboard
2372403	S-WXF-S-8x500 Z	25	5,348	Steel, Cardboard
2363615	S-WXF-H-10x200 Z	50	3,184	Steel, Cardboard
2363616	S-WXF-H-10x240 Z	50	3,778	Steel, Cardboard
2363617	S-WXF-H-10x260 Z	50	4,090	Steel, Cardboard
2363618	S-WXF-H-10x280 Z	50	4,387	Steel, Cardboard
2363619	S-WXF-H-10x300 Z	50	4,684	Steel, Cardboard
2363510	S-WXF-H-10x325 Z	50	4,992	Steel, Cardboard
2363511	S-WXF-H-10x350 Z	50	5,411	Steel, Cardboard
2363512	S-WXF-H-10x375 Z	50	5,816	Steel, Cardboard
2363513	S-WXF-H-10x400 Z	50	6,524	Steel, Cardboard
2363514	S-WXF-H-10x450 Z	25	3,749	Steel, Cardboard
2363515	S-WXF-H-10x500 Z	25	4,180	Steel, Cardboard
2363516	S-WWP-S-6x60/40 Z	100	0,883	Steel, Cardboard
2363517	S-WWP-S-6x80/50 Z	100	1,151	Steel, Cardboard
2363518	S-WWP-S-6x100/60 Z	100	1,407	Steel, Cardboard
2363519	S-WWP-S-6x120/70 Z	100	1,607	Steel, Cardboard
2363520	S-WWP-S-6x140/70 Z	100	1,847	Steel, Cardboard
2363521	S-WWP-S-6x160/70 Z	50	1,064	Steel, Cardboard
2363522	S-WWP-S-6x180/70 Z	50	1,171	Steel, Cardboard
2363523	S-WWP-S-6x200/70 Z	50	1,335	Steel, Cardboard
2363524	S-WWP-S-8x80/50 Z	50	1,098	Steel, Cardboard
2363525	S-WWP-S-8x100/60 Z	50	1,314	Steel, Cardboard
2363526	S-WWP-S-8x120/80 Z	50	1,520	Steel, Cardboard
2363527	S-WWP-S-8x140/80 Z	50	1,726	Steel, Cardboard
2363528	S-WWP-S-8x160/80 Z	50	2,067	Steel, Cardboard

IT- Number	Product name	Pcs. per salespack	Weight [kg]	Material
2363529	S-WWP-S-8x180/100 Z	50	2,173	Steel, Cardboard
2363530	S-WWP-S-8x200/100 Z	50	2,379	Steel, Cardboard
2363531	S-WWP-S-8x220/100 Z	50	2,565	Steel, Cardboard
2363532	S-WWP-S-8x240/100 Z	50	2,806	Steel, Cardboard
2363533	S-WWP-S-8x260/100 Z	50	3,012	Steel, Cardboard
2363534	S-WWP-S-8x280/100 Z	50	3,232	Steel, Cardboard
2363535	S-WWP-S-8x300/100 Z	50	3,438	Steel, Cardboard
2363536	S-WWP-S-8x320/100 Z	50	3,644	Steel, Cardboard
2363537	S-WWP-S-8x340/100 Z	50	3,850	Steel, Cardboard
2363538	S-WWP-S-8x360/100 Z	50	4,075	Steel, Cardboard
2363539	S-WWP-S-8x380/100 Z	50	4,281	Steel, Cardboard
2363540	S-WWP-S-8x400/100 Z	50	4,487	Steel, Cardboard
2372406	S-WWP-S-8x500/100 Z	50	5,517	Steel, Cardboard
2372407	S-WWP-S-8x580/100 Z	25	6,393	Steel, Cardboard
2363541	S-WWP-S-10x140/80 Z	25	1,341	Steel, Cardboard
2363542	S-WWP-S-10x160/80 Z	25	1,490	Steel, Cardboard
2363543	S-WWP-S-10x180/100 Z	25	1,639	Steel, Cardboard
2363544	S-WWP-S-10x200/100 Z	25	1,823	Steel, Cardboard
2363545	S-WWP-S-10x220/100 Z	25	1,972	Steel, Cardboard
2363546	S-WWP-S-10x240/100 Z	25	2,121	Steel, Cardboard
2363547	S-WWP-S-10x260/100 Z	25	2,285	Steel, Cardboard
2363548	S-WWP-S-10x280/100 Z	25	2,434	Steel, Cardboard
2363549	S-WWP-S-10x300/100 Z	25	2,583	Steel, Cardboard
2363550	S-WWP-S-10x320/100 Z	25	2,746	Steel, Cardboard
2363551	S-WWP-S-10x340/100 Z	25	2,895	Steel, Cardboard
2363552	S-WWP-S-10x360/100 Z	25	3,044	Steel, Cardboard
2363553	S-WWP-S-10x380/100 Z	25	3,193	Steel, Cardboard
2363554	S-WWP-S-10x400/100 Z	25	3,342	Steel, Cardboard
2372408	S-WWP-S-10x500/100 Z	25	4,106	Steel, Cardboard
2372409	S-WWP-S-10x580/100 Z	25	4,734	Steel, Cardboard
2363555	S-WCP-S-5x40/25 Z	500	1,862	Steel, Cardboard
2363556	S-WCP-S-5x50/30 Z	250	1,156	Steel, Cardboard
2363557	S-WCP-S-5x60/40 Z	250	1,347	Steel, Cardboard
2363558	S-WCP-S-5x70/40 Z	200	1,221	Steel, Cardboard
2363559	S-WCP-S-5x80/50 Z	200	1,411	Steel, Cardboard
2363620	S-WCP-S-5x90/50 Z	100	0,798	Steel, Cardboard
2363621	S-WCP-S-5x100/60 Z	100	0,877	Steel, Cardboard
2363622	S-WCP-S-6x50/30 Z	250	1,705	Steel, Cardboard
2363623	S-WCP-S-6x60/40 Z	200	1,615	Steel, Cardboard

IT- Number	Product name	Pcs. per salespack	Weight [kg]	Material
2363624	S-WCP-S-6x70/40 Z	200	1,849	Steel, Cardboard
2363625	S-WCP-S-6x80/50 Z	100	1,055	Steel, Cardboard
2363626	S-WCP-S-6x90/50 Z	100	1,172	Steel, Cardboard
2363627	S-WCP-S-6x100/60 Z	100	1,267	Steel, Cardboard
2363628	S-WCP-S-6x110/60 Z	100	1,406	Steel, Cardboard
2363629	S-WCP-S-6x120/70 Z	100	1,523	Steel, Cardboard
2363630	S-WCP-S-6x130/70 Z	100	1,640	Steel, Cardboard
2363631	S-WCP-S-6x140/70 Z	100	1,767	Steel, Cardboard
2363632	S-WCP-S-6x150/70 Z	100	1,884	Steel, Cardboard
2363633	S-WCP-S-6x160/70 Z	100	2,001	Steel, Cardboard
2363634	S-WCP-S-6x180/70 Z	100	2,235	Steel, Cardboard
2363635	S-WCP-S-8x80/50 Z	75	1,421	Steel, Cardboard
2363636	S-WCP-S-8x90/50 Z	75	1,551	Steel, Cardboard
2363637	S-WCP-S-8x100/60 Z	75	1,690	Steel, Cardboard
2363638	S-WCP-S-8x120/80 Z	75	2,098	Steel, Cardboard
2363639	S-WCP-S-8x140/80 Z	75	2,405	Steel, Cardboard
2363640	S-WCP-S-8x160/80 Z	75	2,713	Steel, Cardboard
2363641	S-WCP-S-8x180/100 Z	75	3,055	Steel, Cardboard
2363642	S-WCP-S-8x200/100 Z	75	3,363	Steel, Cardboard
2363643	S-WCP-S-8x220/100 Z	75	3,670	Steel, Cardboard
2363644	S-WCP-S-8x240/100 Z	75	3,978	Steel, Cardboard
2363645	S-WCP-S-8x260/100 Z	75	4,285	Steel, Cardboard
2363646	S-WCP-S-8x280/100 Z	75	4,608	Steel, Cardboard
2363647	S-WCP-S-8x300/100 Z	75	4,915	Steel, Cardboard
2363648	S-WCP-S-8x320/100 Z	75	5,237	Steel, Cardboard
2363649	S-WCP-S-8x340/100 Z	75	5,544	Steel, Cardboard
2363650	S-WCP-S-8x360/100 Z	75	5,852	Steel, Cardboard
2363651	S-WCP-S-8x380/100 Z	75	6,159	Steel, Cardboard
2363652	S-WCP-S-8x400/100 Z	75	6,467	Steel, Cardboard
2363653	S-WCP-S-10x160/80 Z	50	2,655	Steel, Cardboard
2363654	S-WCP-S-10x180/100 Z	50	2,952	Steel, Cardboard
2363655	S-WCP-S-10x200/100 Z	50	3,207	Steel, Cardboard
2363656	S-WCP-S-10x220/100 Z	50	3,581	Steel, Cardboard
2363657	S-WCP-S-10x240/100 Z	50	3,878	Steel, Cardboard
2363658	S-WCP-S-10x260/100 Z	50	4,175	Steel, Cardboard
2363659	S-WCP-S-10x280/100 Z	50	4,487	Steel, Cardboard
2363660	S-WCP-S-10x300/100 Z	50	4,784	Steel, Cardboard
2363661	S-WCP-S-10x320/100 Z	50	5,095	Steel, Cardboard
2363662	S-WCP-S-10x340/100 Z	50	5,392	Steel, Cardboard

IT- Number	Product name	Pcs. per salespack	Weight [kg]	Material
2363663	S-WCP-S-10x360/100 Z	50	5,689	Steel, Cardboard
2363664	S-WCP-S-10x380/100 Z	50	5,986	Steel, Cardboard
2363665	S-WCP-S-10x400/100 Z	50	6,283	Steel, Cardboard
2363666	S-WDF-S-12x60/48 Z	30	1,045	Steel, Cardboard
2363667	S-WDF-S-12x80/68 Z	30	1,207	Steel, Cardboard
2363668	S-WDF-S-12x100/85 Z	30	1,717	Steel, Cardboard
2363669	S-WDF-S-12x120/105 Z	30	1,867	Steel, Cardboard
2363670	S-WDF-S-12x160/145 Z	30	2,135	Steel, Cardboard
2372680	S-W Lifting system	2	1,727	Steel, Cardboard

1.2 Description of the applied method

A life cycle assessment according to DIN EN ISO 14040/44, was performed on a product of HILTI AG (Structural Wood Screws), which considers the entire life cycle of the product (cradle to grave). The accounting data come from the source: GaBi 10, and are evaluated from IPCC 2001, August 2016.

The entire life cycle of the product is divided into the following stages:

- Raw material,
- Production,
- Use,
- End of life,
- Transportation.

The data for the raw material acquisition of the product is provided by HILTI AG in a specific data collection form.

Each material is assigned component specific to one or more manufacturing processes to describe the production process as precisely as possible.

The products produce no emissions in the “Use” phase.

In the “End of life” it is assumed, that the entire product is first fed to a reduction process. A Shredder (QZ 1600 HD) from MeWa, is used for separating and crushing the individual materials. The respective credits come from the material recycling of metals, as well as from the energy recovery of the paper.

The “Transportation” scenario is based on the Limit Stretch of the EPTA study published by Sphera and is evaluated according to the weight of the product. The first transport reflects the transport distances, which are essential for bringing together the individual components (by sea- a container ship for 16 800 km for 30% of the product weight, by road- a truck for 4 716 km for 70% of the product weight).
The second transport reflects the distribution of the product to the various sales companies within the EU (2 300 km by road in a truck for 100% of the product weight). The emissions of both transports are added together in this report.

1.3 Life Cycle Assessment

1.3.1 S-WCF-H-8x120 Z

IT- Number	Product name	Pcs. per Sales pack	Weight [kg]	Material
2363490	S-WCF-H-8x120 Z	50	1,354	Steel, Cardboard

Environmental impact category	Total	Raw material	Produc-tion	Use	End of life	Transpor-tation
Global Warming Potential (GWP 100 years) [kg CO2-eq.]	1,492	2,648	0,501	0,000	-2,182	0,525
Ozone Depletion Potential (ODP, catalytic) [kg R11-eq.]	1,02E-11	2,61E-12	8,58E-12	0,000	-1,07E-12	5,88E-14
Acidification Potential (AP) [kg SO2-eq.]	4,83E-03	6,12E-03	1,04E-03	0,000	-5,03E-03	2,70E-03
Eutrification Potential (EP) [kg $(PO4)^{3}$- eq.]	6,68E-04	5,94E-04	1,16E-04	0,000	-4,72E-04	4,29E-04
Photochemical Oxidant Potential (POCP) [kg Ethene-eq.]	-4,20E-05	9,27E-04	7,32E-05	0,000	-7,72E-04	-2,70E-04
Abiotic Depletion Potential non-Fossil Resources (ADPE) [kg Sb-eq.]	2,15E-07	3,92E-08	1,57E-07	0,000	-8,34E-09	2,67E-08
Abiotic Depletion Potential Fossil Fuels (ADPF) [MJ]	1,68E+01	2,28E+01	5,60E+00	0,000	-1,87E+01	7,06E+00
Energy (net calorific value) [MJ]	2,07E+01	2,32E+01	9,24E+00	0,000	-1,88E+01	7,09E+00
Energy ren. (net calorafic value) [MJ]	6,39E+00	2,07E+00	5,01E+00	0,000	-7,39E-01	4,13E-02
Water consumption [kg]	6,27E+00	3,87E+00	4,82E+00	0,000	-2,48E+00	5,65E-02
Air pollution [m^3]	1,15E+02	3,16E+02	3,22E+01	0,000	-2,63E+02	2,96E+01
Water pollution [m^3]	2,34E-01	1,45E-01	1,39E-01	0,000	-9,08E-02	4,01E-02
Hazardous waste for disposal [kg]	1,22E-08	1,11E-08	7,96E-10	0,000	1,93E-10	2,49E-11
Disposed of non-hazardous waste [kg]	1,60E-02	3,41E-02	6,85E-03	0,000	-2,56E-02	7,18E-04
Disposed of radioactive waste [kg]	1,57E-03	1,39E-04	1,44E-03	0,000	-2,75E-05	1,13E-05

evaluated from CML 2001, August 2016

1.3.2 S-WCF-H-8x140 Z

IT- Number	Product name	Pcs. per Sales pack	Weight [kg]	Material
2363491	S-WCF-H-8x140 Z	50	1,569	Steel, Cardboard

Environmental impact category	Total	Raw material	Produc-tion	Use	End of life	Transpor-tation
Global Warming Potential (GWP 100 years) [kg CO2-eq.]	1,727	3,057	0,579	0,000	-2,517	0,608
Ozone Depletion Potential (ODP, catalytic) [kg R11-eq.]	1,18E-11	3,11E-12	9,91E-12	0,000	-1,25E-12	6,82E-14
Acidification Potential (AP) [kg SO2-eq.]	5,60E-03	7,08E-03	1,20E-03	0,000	-5,81E-03	3,12E-03
Eutrification Potential (EP) [kg $(PO4)^{3-}$ eq.]	7,76E-04	6,89E-04	1,34E-04	0,000	-5,45E-04	4,97E-04
Photochemical Oxidant Potential (POCP) [kg Ethene-eq.]	-4,90E-05	1,07E-03	8,46E-05	0,000	-8,92E-04	-3,13E-04
Abiotic Depletion Potential non-Fossil Resources (ADPE) [kg Sb-eq.]	2,50E-07	4,75E-08	1,82E-07	0,000	-9,85E-09	3,10E-08
Abiotic Depletion Potential Fossil Fuels (ADPF) [MJ]	1,94E+01	2,64E+01	6,47E+00	0,000	-2,17E+01	8,18E+00
Energy (net calorific value) [MJ]	2,40E+01	2,68E+01	1,07E+01	0,000	-2,17E+01	8,21E+00
Energy ren. (net calorafic value) [MJ]	7,48E+00	2,50E+00	5,80E+00	0,000	-8,62E-01	4,78E-02
Water consumption [kg]	7,30E+00	4,52E+00	5,57E+00	0,000	-2,86E+00	6,55E-02
Air pollution [m^3]	1,33E+02	3,65E+02	3,72E+01	0,000	-3,04E+02	3,43E+01
Water pollution [m^3]	2,73E-01	1,71E-01	1,61E-01	0,000	-1,05E-01	4,65E-02
Hazardous waste for disposal [kg]	1,53E-08	1,42E-08	9,20E-10	0,000	2,19E-10	2,88E-11
Disposed of non-hazardous waste [kg]	1,88E-02	3,95E-02	7,91E-03	0,000	-2,94E-02	8,32E-04
Disposed of radioactive waste [kg]	1,81E-03	1,62E-04	1,67E-03	0,000	-3,41E-05	1,31E-05

evaluated from CML 2001, August 2016

1.3.3 S-WCF-H-8x160 Z

IT- Number	Product name	Pcs. per Sales pack	Weight [kg]	Material
2363492	S-WCF-H-8x160 Z	50	1,774	Steel, Cardboard

Environmental impact category	Total	Raw material	Produc-tion	Use	End of life	Transpor-tation
Global Warming Potential (GWP 100 years) [kg CO2-eq.]	1,956	3,473	0,657	0,000	-2,862	0,688
Ozone Depletion Potential (ODP, catalytic) [kg R11-eq.]	1,33E-11	3,39E-12	1,12E-11	0,000	-1,40E-12	7,71E-14
Acidification Potential (AP) [kg SO2-eq.]	6,33E-03	8,02E-03	1,36E-03	0,000	-6,59E-03	3,53E-03
Eutrification Potential (EP) [kg $(PO4)^{3-}$ eq.]	8,74E-04	7,78E-04	1,52E-04	0,000	-6,18E-04	5,62E-04
Photochemical Oxidant Potential (POCP) [kg Ethene-eq.]	-5,50E-05	1,21E-03	9,60E-05	0,000	-1,01E-03	-3,54E-04
Abiotic Depletion Potential non-Fossil Resources (ADPE) [kg Sb-eq.]	2,81E-07	5,07E-08	2,06E-07	0,000	-1,09E-08	3,50E-08
Abiotic Depletion Potential Fossil Fuels (ADPF) [MJ]	2,20E+01	2,99E+01	7,35E+00	0,000	-2,45E+01	9,25E+00
Energy (net calorific value) [MJ]	2,71E+01	3,04E+01	1,21E+01	0,000	-2,46E+01	9,28E+00
Energy ren. (net calorafic value) [MJ]	8,34E+00	2,68E+00	6,58E+00	0,000	-9,67E-01	5,41E-02
Water consumption [kg]	8,20E+00	5,06E+00	6,32E+00	0,000	-3,26E+00	7,41E-02
Air pollution [m^3]	1,51E+02	4,14E+02	4,22E+01	0,000	-3,44E+02	3,88E+01
Water pollution [m^3]	3,05E-01	1,89E-01	1,82E-01	0,000	-1,19E-01	5,26E-02
Hazardous waste for disposal [kg]	1,55E-08	1,41E-08	1,04E-09	0,000	2,55E-10	3,26E-11
Disposed of non-hazardous waste [kg]	2,09E-02	4,46E-02	8,98E-03	0,000	-3,37E-02	9,40E-04
Disposed of radioactive waste [kg]	2,05E-03	1,81E-04	1,89E-03	0,000	-3,53E-05	1,48E-05

evaluated from CML 2001, August 2016

1.3.4 S-WCF-H-8x180 Z

IT- Number	Product name	Pcs. per Sales pack	Weight [kg]	Material
2363493	S-WCF-H-8x180 Z	50	1,979	Steel, Cardboard

Environmental impact category	Total	Raw material	Produc-tion	Use	End of life	Transpor-tation
Global Warming Potential (GWP 100 years) [kg CO2-eq.]	2,185	3,889	0,735	0,000	-3,208	0,767
Ozone Depletion Potential (ODP, catalytic) [kg R11-eq.]	1,48E-11	3,67E-12	1,26E-11	0,000	-1,55E-12	8,60E-14
Acidification Potential (AP) [kg SO2-eq.]	7,06E-03	8,96E-03	1,52E-03	0,000	-7,37E-03	3,94E-03
Eutrification Potential (EP) [kg $(PO4)^{3-}$ eq.]	9,72E-04	8,66E-04	1,70E-04	0,000	-6,92E-04	6,27E-04
Photochemical Oxidant Potential (POCP) [kg Ethene-eq.]	-6,10E-05	1,36E-03	1,07E-04	0,000	-1,13E-03	-3,95E-04
Abiotic Depletion Potential non-Fossil Resources (ADPE) [kg Sb-eq.]	3,12E-07	5,38E-08	2,30E-07	0,000	-1,19E-08	3,91E-08
Abiotic Depletion Potential Fossil Fuels (ADPF) [MJ]	2,45E+01	3,34E+01	8,22E+00	0,000	-2,74E+01	1,03E+01
Energy (net calorific value) [MJ]	3,03E+01	3,39E+01	1,36E+01	0,000	-2,75E+01	1,04E+01
Energy ren. (net calorafic value) [MJ]	9,21E+00	2,87E+00	7,36E+00	0,000	-1,07E+00	6,03E-02
Water consumption [kg]	9,09E+00	5,59E+00	7,07E+00	0,000	-3,66E+00	8,26E-02
Air pollution [m^3]	1,68E+02	4,63E+02	4,72E+01	0,000	-3,85E+02	4,33E+01
Water pollution [m^3]	3,37E-01	2,07E-01	2,04E-01	0,000	-1,33E-01	5,87E-02
Hazardous waste for disposal [kg]	1,56E-08	1,41E-08	1,17E-09	0,000	2,91E-10	3,64E-11
Disposed of non-hazardous waste [kg]	2,29E-02	4,97E-02	1,00E-02	0,000	-3,79E-02	1,05E-03
Disposed of radioactive waste [kg]	2,30E-03	2,01E-04	2,12E-03	0,000	-3,64E-05	1,66E-05

evaluated from CML 2001, August 2016

1.3.5 S-WCF-H-8x200 Z

IT- Number	Product name	Pcs. per Sales pack	Weight [kg]	Material
2363494	S-WCF-H-8x200 Z	50	2,184	Steel, Cardboard

Environmental impact category	Total	Raw material	Produc-tion	Use	End of life	Transpor-tation
Global Warming Potential (GWP 100 years) [kg CO2-eq.]	2,413	4,306	0,813	0,000	-3,553	0,847
Ozone Depletion Potential (ODP, catalytic) [kg R11-eq.]	1,63E-11	3,96E-12	1,39E-11	0,000	-1,69E-12	9,49E-14
Acidification Potential (AP) [kg SO2-eq.]	7,79E-03	9,90E-03	1,69E-03	0,000	-8,15E-03	4,35E-03
Eutrification Potential (EP) [kg $(PO4)^{3-}$ eq.]	1,07E-03	9,55E-04	1,89E-04	0,000	-7,65E-04	6,92E-04
Photochemical Oxidant Potential (POCP) [kg Ethene-eq.]	-6,70E-05	1,50E-03	1,19E-04	0,000	-1,25E-03	-4,36E-04
Abiotic Depletion Potential non-Fossil Resources (ADPE) [kg Sb-eq.]	3,42E-07	5,70E-08	2,55E-07	0,000	-1,29E-08	4,31E-08
Abiotic Depletion Potential Fossil Fuels (ADPF) [MJ]	2,71E+01	3,69E+01	9,09E+00	0,000	-3,03E+01	1,14E+01
Energy (net calorific value) [MJ]	3,35E+01	3,75E+01	1,50E+01	0,000	-3,04E+01	1,14E+01
Energy ren. (net calorafic value) [MJ]	1,01E+01	3,06E+00	8,14E+00	0,000	-1,18E+00	6,65E-02
Water consumption [kg]	9,98E+00	6,13E+00	7,82E+00	0,000	-4,06E+00	9,12E-02
Air pollution [m^3]	1,86E+02	5,12E+02	5,22E+01	0,000	-4,26E+02	4,77E+01
Water pollution [m^3]	3,69E-01	2,25E-01	2,26E-01	0,000	-1,47E-01	6,48E-02
Hazardous waste for disposal [kg]	1,57E-08	1,41E-08	1,29E-09	0,000	3,27E-10	4,01E-11
Disposed of non-hazardous waste [kg]	2,50E-02	5,48E-02	1,11E-02	0,000	-4,21E-02	1,16E-03
Disposed of radioactive waste [kg]	2,54E-03	2,20E-04	2,34E-03	0,000	-3,76E-05	1,83E-05

evaluated from CML 2001, August 2016

1.3.6 S-WCF-H-8x220 Z

IT- Number	Product name	Pcs. per Sales pack	Weight [kg]	Material
2363495	S-WCF-H-8x220 Z	50	2,424	Steel, Cardboard

Environmental impact category	Total	Raw material	Produc-tion	Use	End of life	Transpor-tation
Global Warming Potential (GWP 100 years) [kg CO2-eq.]	2,664	4,697	0,892	0,000	-3,864	0,940
Ozone Depletion Potential (ODP, catalytic) [kg R11-eq.]	1,84E-11	4,99E-12	1,53E-11	0,000	-1,95E-12	1,05E-13
Acidification Potential (AP) [kg SO2-eq.]	8,65E-03	1,09E-02	1,85E-03	0,000	-8,94E-03	4,83E-03
Eutrification Potential (EP) [kg $(PO4)^{3-}$ eq.]	1,20E-03	1,07E-03	2,07E-04	0,000	-8,39E-04	7,68E-04
Photochemical Oxidant Potential (POCP) [kg Ethene-eq.]	-7,62E-05	1,65E-03	1,30E-04	0,000	-1,37E-03	-4,84E-04
Abiotic Depletion Potential non-Fossil Resources (ADPE) [kg Sb-eq.]	3,90E-07	7,81E-08	2,79E-07	0,000	-1,56E-08	4,79E-08
Abiotic Depletion Potential Fossil Fuels (ADPF) [MJ]	3,00E+01	4,08E+01	9,96E+00	0,000	-3,34E+01	1,26E+01
Energy (net calorific value) [MJ]	3,70E+01	4,14E+01	1,64E+01	0,000	-3,35E+01	1,27E+01
Energy ren. (net calorafic value) [MJ]	1,17E+01	4,07E+00	8,92E+00	0,000	-1,35E+00	7,39E-02
Water consumption [kg]	1,14E+01	7,08E+00	8,57E+00	0,000	-4,38E+00	1,01E-01
Air pollution [m^3]	2,05E+02	5,62E+02	5,72E+01	0,000	-4,67E+02	5,30E+01
Water pollution [m^3]	4,27E-01	2,70E-01	2,47E-01	0,000	-1,62E-01	7,19E-02
Hazardous waste for disposal [kg]	2,66E-08	2,48E-08	1,42E-09	0,000	3,26E-10	4,46E-11
Disposed of non-hazardous waste [kg]	2,97E-02	6,12E-02	1,22E-02	0,000	-4,49E-02	1,29E-03
Disposed of radioactive waste [kg]	2,78E-03	2,53E-04	2,57E-03	0,000	-5,77E-05	2,03E-05

evaluated from CML 2001, August 2016

1.3.7 S-WCF-H-8x240 Z

IT- Number	Product name	Pcs. per Sales pack	Weight [kg]	Material
2363496	S-WCF-H-8x240 Z	50	2,629	Steel, Cardboard

Environmental impact category	Total	Raw material	Produc-tion	Use	End of life	Transpor-tation
Global Warming Potential (GWP 100 years) [kg CO2-eq.]	2,893	5,113	0,970	0,000	-4,209	1,019
Ozone Depletion Potential (ODP, catalytic) [kg R11-eq.]	1,99E-11	5,27E-12	1,66E-11	0,000	-2,10E-12	1,14E-13
Acidification Potential (AP) [kg SO2-eq.]	9,38E-03	1,19E-02	2,01E-03	0,000	-9,72E-03	5,23E-03
Eutrification Potential (EP) [kg $(PO4)^{3-}$ eq.]	1,30E-03	1,16E-03	2,25E-04	0,000	-9,12E-04	8,33E-04
Photochemical Oxidant Potential (POCP) [kg Ethene-eq.]	-8,22E-05	1,79E-03	1,42E-04	0,000	-1,49E-03	-5,25E-04
Abiotic Depletion Potential non-Fossil Resources (ADPE) [kg Sb-eq.]	4,20E-07	8,12E-08	3,04E-07	0,000	-1,66E-08	5,19E-08
Abiotic Depletion Potential Fossil Fuels (ADPF) [MJ]	3,25E+01	4,43E+01	1,08E+01	0,000	-3,63E+01	1,37E+01
Energy (net calorific value) [MJ]	4,02E+01	4,50E+01	1,79E+01	0,000	-3,64E+01	1,38E+01
Energy ren. (net calorafic value) [MJ]	1,26E+01	4,26E+00	9,70E+00	0,000	-1,45E+00	8,01E-02
Water consumption [kg]	1,23E+01	7,61E+00	9,32E+00	0,000	-4,78E+00	1,10E-01
Air pollution [m^3]	2,23E+02	6,11E+02	6,22E+01	0,000	-5,08E+02	5,75E+01
Water pollution [m^3]	4,60E-01	2,89E-01	2,69E-01	0,000	-1,76E-01	7,80E-02
Hazardous waste for disposal [kg]	2,67E-08	2,48E-08	1,54E-09	0,000	3,62E-10	4,83E-11
Disposed of non-hazardous waste [kg]	3,18E-02	6,63E-02	1,32E-02	0,000	-4,91E-02	1,39E-03
Disposed of radioactive waste [kg]	3,03E-03	2,72E-04	2,79E-03	0,000	-5,89E-05	2,20E-05

evaluated from CML 2001, August 2016

1.3.8 S-WCF-H-8x260 Z

IT- Number	Product name	Pcs. per Sales pack	Weight [kg]	Material
2363497	S-WCF-H-8x260 Z	50	2,762	Steel, Cardboard

Environmental impact category	Total	Raw material	Produc-tion	Use	End of life	Transpor-tation
Global Warming Potential (GWP 100 years) [kg CO2-eq.]	3,041	5,383	1,020	0,000	-4,433	1,071
Ozone Depletion Potential (ODP, catalytic) [kg R11-eq.]	2,08E-11	5,45E-12	1,75E-11	0,000	-2,20E-12	1,20E-13
Acidification Potential (AP) [kg SO2-eq.]	9,85E-03	1,25E-02	2,11E-03	0,000	-1,02E-02	5,50E-03
Eutrification Potential (EP) [kg $(PO4)^{3-}$ eq.]	1,36E-03	1,21E-03	2,36E-04	0,000	-9,60E-04	8,76E-04
Photochemical Oxidant Potential (POCP) [kg Ethene-eq.]	-8,61E-05	1,89E-03	1,49E-04	0,000	-1,57E-03	-5,51E-04
Abiotic Depletion Potential non-Fossil Resources (ADPE) [kg Sb-eq.]	4,40E-07	8,33E-08	3,20E-07	0,000	-1,73E-08	5,45E-08
Abiotic Depletion Potential Fossil Fuels (ADPF) [MJ]	3,42E+01	4,65E+01	1,14E+01	0,000	-3,81E+01	1,44E+01
Energy (net calorific value) [MJ]	4,22E+01	4,73E+01	1,88E+01	0,000	-3,83E+01	1,45E+01
Energy ren. (net calorafic value) [MJ]	1,31E+01	4,38E+00	1,02E+01	0,000	-1,52E+00	8,42E-02
Water consumption [kg]	1,28E+01	7,96E+00	9,81E+00	0,000	-5,04E+00	1,15E-01
Air pollution [m^3]	2,34E+02	6,43E+02	6,54E+01	0,000	-5,34E+02	6,04E+01
Water pollution [m^3]	4,80E-01	3,00E-01	2,83E-01	0,000	-1,85E-01	8,19E-02
Hazardous waste for disposal [kg]	2,68E-08	2,47E-08	1,62E-09	0,000	3,86E-10	5,08E-11
Disposed of non-hazardous waste [kg]	3,31E-02	6,96E-02	1,39E-02	0,000	-5,19E-02	1,46E-03
Disposed of radioactive waste [kg]	3,19E-03	2,85E-04	2,94E-03	0,000	-5,96E-05	2,31E-05

evaluated from CML 2001, August 2016

1.3.9 S-WCF-H-8x280 Z

IT- Number	Product name	Pcs. per Sales pack	Weight [kg]	Material
2363498	S-WCF-H-8x280 Z	50	3,054	Steel, Cardboard

Environmental impact category	Total	Raw material	Produc-tion	Use	End of life	Transpor-tation
Global Warming Potential (GWP 100 years) [kg CO2-eq.]	3,359	5,935	1,126	0,000	-4,885	1,184
Ozone Depletion Potential (ODP, catalytic) [kg R11-eq.]	2,31E-11	6,16E-12	1,93E-11	0,000	-2,45E-12	1,33E-13
Acidification Potential (AP) [kg SO2-eq.]	1,09E-02	1,38E-02	2,33E-03	0,000	-1,13E-02	6,08E-03
Eutrification Potential (EP) [kg $(PO4)^{3-}$ eq.]	1,51E-03	1,34E-03	2,61E-04	0,000	-1,06E-03	9,68E-04
Photochemical Oxidant Potential (POCP) [kg Ethene-eq.]	-9,56E-05	2,08E-03	1,64E-04	0,000	-1,73E-03	-6,09E-04
Abiotic Depletion Potential non-Fossil Resources (ADPE) [kg Sb-eq.]	4,89E-07	9,52E-08	3,53E-07	0,000	-1,94E-08	6,03E-08
Abiotic Depletion Potential Fossil Fuels (ADPF) [MJ]	3,78E+01	5,14E+01	1,26E+01	0,000	-4,21E+01	1,59E+01
Energy (net calorific value) [MJ]	4,66E+01	5,22E+01	2,07E+01	0,000	-4,23E+01	1,60E+01
Energy ren. (net calorafic value) [MJ]	1,46E+01	4,98E+00	1,13E+01	0,000	-1,69E+00	9,31E-02
Water consumption [kg]	1,43E+01	8,86E+00	1,08E+01	0,000	-5,54E+00	1,27E-01
Air pollution [m^3]	2,59E+02	7,10E+02	7,22E+01	0,000	-5,90E+02	6,67E+01
Water pollution [m^3]	5,35E-01	3,36E-01	3,12E-01	0,000	-2,05E-01	9,06E-02
Hazardous waste for disposal [kg]	3,16E-08	2,93E-08	1,79E-09	0,000	4,19E-10	5,61E-11
Disposed of non-hazardous waste [kg]	3,70E-02	7,70E-02	1,54E-02	0,000	-5,69E-02	1,62E-03
Disposed of radioactive waste [kg]	3,51E-03	3,17E-04	3,24E-03	0,000	-6,93E-05	2,55E-05

evaluated from CML 2001, August 2016

1.3.10 S-WCF-H-8x300 Z

IT- Number	Product name	Pcs. per Sales pack	Weight [kg]	Material
2363499	S-WCF-H-8x300 Z	50	3,259	Steel, Cardboard

Environmental impact category	Total	Raw material	Produc-tion	Use	End of life	Transpor-tation
Global Warming Potential (GWP 100 years) [kg CO2-eq.]	3,588	6,351	1,204	0,000	-5,230	1,264
Ozone Depletion Potential (ODP, catalytic) [kg R11-eq.]	2,46E-11	6,44E-12	2,06E-11	0,000	-2,60E-12	1,42E-13
Acidification Potential (AP) [kg SO2-eq.]	1,16E-02	1,47E-02	2,49E-03	0,000	-1,21E-02	6,49E-03
Eutrification Potential (EP) [kg $(PO4)^{3-}$ eq.]	1,61E-03	1,43E-03	2,79E-04	0,000	-1,13E-03	1,03E-03
Photochemical Oxidant Potential (POCP) [kg Ethene-eq.]	-1,02E-04	2,23E-03	1,76E-04	0,000	-1,85E-03	-6,50E-04
Abiotic Depletion Potential non-Fossil Resources (ADPE) [kg Sb-eq.]	5,20E-07	9,84E-08	3,77E-07	0,000	-2,04E-08	6,44E-08
Abiotic Depletion Potential Fossil Fuels (ADPF) [MJ]	4,03E+01	5,49E+01	1,34E+01	0,000	-4,50E+01	1,70E+01
Energy (net calorific value) [MJ]	4,98E+01	5,58E+01	2,22E+01	0,000	-4,52E+01	1,71E+01
Energy ren. (net calorafic value) [MJ]	1,55E+01	5,17E+00	1,20E+01	0,000	-1,79E+00	9,93E-02
Water consumption [kg]	1,52E+01	9,39E+00	1,16E+01	0,000	-5,94E+00	1,36E-01
Air pollution [m^3]	2,76E+02	7,59E+02	7,72E+01	0,000	-6,31E+02	7,12E+01
Water pollution [m^3]	5,67E-01	3,55E-01	3,34E-01	0,000	-2,18E-01	9,66E-02
Hazardous waste for disposal [kg]	3,17E-08	2,93E-08	1,91E-09	0,000	4,55E-10	5,99E-11
Disposed of non-hazardous waste [kg]	3,91E-02	8,21E-02	1,64E-02	0,000	-6,12E-02	1,73E-03
Disposed of radioactive waste [kg]	3,76E-03	3,36E-04	3,47E-03	0,000	-7,05E-05	2,73E-05

evaluated from CML 2001, August 2016

1.3.11 S-WCF-H-8x325 Z

IT- Number	Product name	Pcs. per Sales pack	Weight [kg]	Material
2363580	S-WCF-H-8x325 Z	50	3,451	Steel, Cardboard

Environmental impact category	Total	Raw material	Produc-tion	Use	End of life	Transpor-tation
Global Warming Potential (GWP 100 years) [kg CO2-eq.]	3,795	6,703	1,271	0,000	-5,517	1,338
Ozone Depletion Potential (ODP, catalytic) [kg R11-eq.]	2,61E-11	6,98E-12	2,18E-11	0,000	-2,77E-12	1,50E-13
Acidification Potential (AP) [kg SO2-eq.]	1,23E-02	1,56E-02	2,63E-03	0,000	-1,28E-02	6,87E-03
Eutrification Potential (EP) [kg $(PO4)^{3-}$ eq.]	1,71E-03	1,52E-03	2,95E-04	0,000	-1,20E-03	1,09E-03
Photochemical Oxidant Potential (POCP) [kg Ethene-eq.]	-1,08E-04	2,35E-03	1,86E-04	0,000	-1,96E-03	-6,89E-04
Abiotic Depletion Potential non-Fossil Resources (ADPE) [kg Sb-eq.]	5,53E-07	1,08E-07	3,98E-07	0,000	-2,20E-08	6,81E-08
Abiotic Depletion Potential Fossil Fuels (ADPF) [MJ]	4,27E+01	5,81E+01	1,42E+01	0,000	-4,76E+01	1,80E+01
Energy (net calorific value) [MJ]	5,27E+01	5,90E+01	2,34E+01	0,000	-4,78E+01	1,81E+01
Energy ren. (net calorafic value) [MJ]	1,66E+01	5,66E+00	1,27E+01	0,000	-1,91E+00	1,05E-01
Water consumption [kg]	1,61E+01	1,00E+01	1,22E+01	0,000	-6,26E+00	1,44E-01
Air pollution [m^3]	2,92E+02	8,02E+02	8,16E+01	0,000	-6,66E+02	7,54E+01
Water pollution [m^3]	6,05E-01	3,81E-01	3,53E-01	0,000	-2,31E-01	1,02E-01
Hazardous waste for disposal [kg]	3,61E-08	3,35E-08	2,02E-09	0,000	4,71E-10	6,34E-11
Disposed of non-hazardous waste [kg]	4,19E-02	8,70E-02	1,74E-02	0,000	-6,43E-02	1,83E-03
Disposed of radioactive waste [kg]	3,97E-03	3,58E-04	3,66E-03	0,000	-7,91E-05	2,89E-05

evaluated from CML 2001, August 2016

1.3.12 S-WCF-H-8x350 Z

IT- Number	Product name	Pcs. per Sales pack	Weight [kg]	Material
2363581	S-WCF-H-8x350 Z	50	3,711	Steel, Cardboard

Environmental impact category	Total	Raw material	Produc-tion	Use	End of life	Transpor-tation
Global Warming Potential (GWP 100 years) [kg CO2-eq.]	4,085	7,229	1,370	0,000	-5,954	1,439
Ozone Depletion Potential (ODP, catalytic) [kg R11-eq.]	2,80E-11	7,34E-12	2,34E-11	0,000	-2,96E-12	1,61E-13
Acidification Potential (AP) [kg SO2-eq.]	1,32E-02	1,67E-02	2,84E-03	0,000	-1,37E-02	7,39E-03
Eutrification Potential (EP) [kg $(PO4)^{3-}$ eq.]	1,83E-03	1,63E-03	3,18E-04	0,000	-1,29E-03	1,18E-03
Photochemical Oxidant Potential (POCP) [kg Ethene-eq.]	-1,16E-04	2,53E-03	2,00E-04	0,000	-2,11E-03	-7,40E-04
Abiotic Depletion Potential non-Fossil Resources (ADPE) [kg Sb-eq.]	5,92E-07	1,12E-07	4,29E-07	0,000	-2,33E-08	7,33E-08
Abiotic Depletion Potential Fossil Fuels (ADPF) [MJ]	4,59E+01	6,25E+01	1,53E+01	0,000	-5,12E+01	1,93E+01
Energy (net calorific value) [MJ]	5,67E+01	6,35E+01	2,52E+01	0,000	-5,14E+01	1,94E+01
Energy ren. (net calorafic value) [MJ]	1,77E+01	5,90E+00	1,37E+01	0,000	-2,04E+00	1,13E-01
Water consumption [kg]	1,73E+01	1,07E+01	1,32E+01	0,000	-6,76E+00	1,55E-01
Air pollution [m^3]	3,15E+02	8,64E+02	8,79E+01	0,000	-7,18E+02	8,11E+01
Water pollution [m^3]	6,46E-01	4,04E-01	3,80E-01	0,000	-2,49E-01	1,10E-01
Hazardous waste for disposal [kg]	3,63E-08	3,35E-08	2,18E-09	0,000	5,17E-10	6,82E-11
Disposed of non-hazardous waste [kg]	4,45E-02	9,35E-02	1,87E-02	0,000	-6,96E-02	1,97E-03
Disposed of radioactive waste [kg]	4,28E-03	3,83E-04	3,95E-03	0,000	-8,06E-05	3,10E-05

evaluated from CML 2001, August 2016

1.3.13 S-WCF-H-8x375 Z

IT- Number	Product name	Pcs. per Sales pack	Weight [kg]	Material
2363582	S-WCF-H-8x375 Z	50	3,970	Steel, Cardboard

Environmental impact category	Total	Raw material	Produc-tion	Use	End of life	Transpor-tation
Global Warming Potential (GWP 100 years) [kg CO2-eq.]	4,374	7,756	1,469	0,000	-6,390	1,539
Ozone Depletion Potential (ODP, catalytic) [kg R11-eq.]	2,99E-11	7,70E-12	2,51E-11	0,000	-3,14E-12	1,72E-13
Acidification Potential (AP) [kg SO2-eq.]	1,42E-02	1,79E-02	3,04E-03	0,000	-1,47E-02	7,90E-03
Eutrification Potential (EP) [kg $(PO4)^{3-}$ eq.]	1,96E-03	1,74E-03	3,40E-04	0,000	-1,38E-03	1,26E-03
Photochemical Oxidant Potential (POCP) [kg Ethene-eq.]	-1,23E-04	2,72E-03	2,14E-04	0,000	-2,26E-03	-7,92E-04
Abiotic Depletion Potential non-Fossil Resources (ADPE) [kg Sb-eq.]	6,31E-07	1,16E-07	4,60E-07	0,000	-2,46E-08	7,84E-08
Abiotic Depletion Potential Fossil Fuels (ADPF) [MJ]	4,92E+01	6,69E+01	1,64E+01	0,000	-5,49E+01	2,07E+01
Energy (net calorific value) [MJ]	6,07E+01	6,80E+01	2,71E+01	0,000	-5,51E+01	2,08E+01
Energy ren. (net calorafic value) [MJ]	1,88E+01	6,13E+00	1,47E+01	0,000	-2,17E+00	1,21E-01
Water consumption [kg]	1,84E+01	1,14E+01	1,41E+01	0,000	-7,27E+00	1,66E-01
Air pollution [m^3]	3,37E+02	9,25E+02	9,42E+01	0,000	-7,69E+02	8,68E+01
Water pollution [m^3]	6,86E-01	4,27E-01	4,08E-01	0,000	-2,66E-01	1,18E-01
Hazardous waste for disposal [kg]	3,64E-08	3,34E-08	2,33E-09	0,000	5,63E-10	7,30E-11
Disposed of non-hazardous waste [kg]	4,71E-02	9,99E-02	2,01E-02	0,000	-7,50E-02	2,10E-03
Disposed of radioactive waste [kg]	4,59E-03	4,07E-04	4,23E-03	0,000	-8,20E-05	3,32E-05

evaluated from CML 2001, August 2016

1.3.14 S-WCF-H-8x400 Z

IT- Number	Product name	Pcs. per Sales pack	Weight [kg]	Material
2363583	S-WCF-H-8x400 Z	50	4,298	Steel, Cardboard

Environmental impact category	Total	Raw material	Produc-tion	Use	End of life	Transpor-tation
Global Warming Potential (GWP 100 years) [kg CO2-eq.]	4,740	8,422	1,594	0,000	-6,943	1,666
Ozone Depletion Potential (ODP, catalytic) [kg R11-eq.]	3,22E-11	8,16E-12	2,73E-11	0,000	-3,38E-12	1,87E-13
Acidification Potential (AP) [kg SO2-eq.]	1,53E-02	1,94E-02	3,30E-03	0,000	-1,60E-02	8,56E-03
Eutrification Potential (EP) [kg $(PO4)^{3-}$ eq.]	2,12E-03	1,88E-03	3,69E-04	0,000	-1,50E-03	1,36E-03
Photochemical Oxidant Potential (POCP) [kg Ethene-eq.]	-1,33E-04	2,94E-03	2,33E-04	0,000	-2,45E-03	-8,57E-04
Abiotic Depletion Potential non-Fossil Resources (ADPE) [kg Sb-eq.]	6,80E-07	1,21E-07	5,00E-07	0,000	-2,62E-08	8,49E-08
Abiotic Depletion Potential Fossil Fuels (ADPF) [MJ]	5,32E+01	7,25E+01	1,78E+01	0,000	-5,95E+01	2,24E+01
Energy (net calorific value) [MJ]	6,58E+01	7,36E+01	2,94E+01	0,000	-5,97E+01	2,25E+01
Energy ren. (net calorafic value) [MJ]	2,02E+01	6,43E+00	1,59E+01	0,000	-2,34E+00	1,31E-01
Water consumption [kg]	1,98E+01	1,22E+01	1,53E+01	0,000	-7,91E+00	1,79E-01
Air pollution [m^3]	3,65E+02	1,00E+03	1,02E+02	0,000	-8,35E+02	9,39E+01
Water pollution [m^3]	7,38E-01	4,56E-01	4,42E-01	0,000	-2,88E-01	1,27E-01
Hazardous waste for disposal [kg]	3,66E-08	3,34E-08	2,53E-09	0,000	6,21E-10	7,90E-11
Disposed of non-hazardous waste [kg]	5,04E-02	1,08E-01	2,18E-02	0,000	-8,17E-02	2,28E-03
Disposed of radioactive waste [kg]	4,98E-03	4,38E-04	4,59E-03	0,000	-8,39E-05	3,60E-05

evaluated from CML 2001, August 2016

1.3.15 S-WCF-H-8x450 Z

IT- Number	Product name	Pcs. per Sales pack	Weight [kg]	Material
2363584	S-WCF-H-8x450 Z	25	2,504	Steel, Cardboard

Environmental impact category	Total	Raw material	Produc-tion	Use	End of life	Transpor-tation
Global Warming Potential (GWP 100 years) [kg CO2-eq.]	2,729	4,727	0,904	0,000	-3,872	0,971
Ozone Depletion Potential (ODP, catalytic) [kg R11-eq.]	1,95E-11	6,05E-12	1,55E-11	0,000	-2,13E-12	1,09E-13
Acidification Potential (AP) [kg SO2-eq.]	8,94E-03	1,12E-02	1,87E-03	0,000	-9,07E-03	4,99E-03
Eutrification Potential (EP) [kg $(PO4)^{3-}$ eq.]	1,26E-03	1,11E-03	2,09E-04	0,000	-8,51E-04	7,94E-04
Photochemical Oxidant Potential (POCP) [kg Ethene-eq.]	-8,15E-05	1,68E-03	1,32E-04	0,000	-1,39E-03	-5,00E-04
Abiotic Depletion Potential non-Fossil Resources (ADPE) [kg Sb-eq.]	4,18E-07	1,03E-07	2,83E-07	0,000	-1,82E-08	4,94E-08
Abiotic Depletion Potential Fossil Fuels (ADPF) [MJ]	3,09E+01	4,19E+01	1,01E+01	0,000	-3,41E+01	1,30E+01
Energy (net calorific value) [MJ]	3,80E+01	4,26E+01	1,66E+01	0,000	-3,43E+01	1,31E+01
Energy ren. (net calorafic value) [MJ]	1,29E+01	5,23E+00	9,04E+00	0,000	-1,45E+00	7,63E-02
Water consumption [kg]	1,22E+01	7,73E+00	8,69E+00	0,000	-4,33E+00	1,05E-01
Air pollution [m^3]	2,11E+02	5,72E+02	5,80E+01	0,000	-4,74E+02	5,47E+01
Water pollution [m^3]	4,68E-01	3,10E-01	2,51E-01	0,000	-1,67E-01	7,42E-02
Hazardous waste for disposal [kg]	4,13E-08	3,95E-08	1,44E-09	0,000	2,81E-10	4,60E-11
Disposed of non-hazardous waste [kg]	3,37E-02	6,36E-02	1,23E-02	0,000	-4,36E-02	1,33E-03
Disposed of radioactive waste [kg]	2,81E-03	2,74E-04	2,60E-03	0,000	-8,39E-05	2,09E-05

evaluated from CML 2001, August 2016

1.3.16 S-WCF-H-8x500 Z

IT- Number	Product name	Pcs. per Sales pack	Weight [kg]	Material
2363585	S-WCF-H-8x500 Z	25	2,759	Steel, Cardboard

Environmental impact category	Total	Raw material	Produc-tion	Use	End of life	Transpor-tation
Global Warming Potential (GWP 100 years) [kg CO2-eq.]	3,013	5,244	1,001	0,000	-4,301	1,070
Ozone Depletion Potential (ODP, catalytic) [kg R11-eq.]	2,13E-11	6,41E-12	1,71E-11	0,000	-2,31E-12	1,20E-13
Acidification Potential (AP) [kg SO2-eq.]	9,85E-03	1,23E-02	2,07E-03	0,000	-1,00E-02	5,49E-03
Eutrification Potential (EP) [kg $(PO4)^{3-}$ eq.]	1,39E-03	1,22E-03	2,32E-04	0,000	-9,42E-04	8,74E-04
Photochemical Oxidant Potential (POCP) [kg Ethene-eq.]	-8,90E-05	1,86E-03	1,46E-04	0,000	-1,54E-03	-5,50E-04
Abiotic Depletion Potential non-Fossil Resources (ADPE) [kg Sb-eq.]	4,56E-07	1,07E-07	3,14E-07	0,000	-1,94E-08	5,45E-08
Abiotic Depletion Potential Fossil Fuels (ADPF) [MJ]	3,40E+01	4,62E+01	1,12E+01	0,000	-3,77E+01	1,44E+01
Energy (net calorific value) [MJ]	4,19E+01	4,70E+01	1,84E+01	0,000	-3,79E+01	1,44E+01
Energy ren. (net calorafic value) [MJ]	1,40E+01	5,46E+00	1,00E+01	0,000	-1,58E+00	8,41E-02
Water consumption [kg]	1,33E+01	8,39E+00	9,62E+00	0,000	-4,83E+00	1,15E-01
Air pollution [m^3]	2,33E+02	6,33E+02	6,42E+01	0,000	-5,25E+02	6,03E+01
Water pollution [m^3]	5,08E-01	3,33E-01	2,78E-01	0,000	-1,84E-01	8,18E-02
Hazardous waste for disposal [kg]	4,14E-08	3,95E-08	1,59E-09	0,000	3,26E-10	5,07E-11
Disposed of non-hazardous waste [kg]	3,63E-02	7,00E-02	1,37E-02	0,000	-4,88E-02	1,46E-03
Disposed of radioactive waste [kg]	3,12E-03	2,98E-04	2,88E-03	0,000	-8,53E-05	2,31E-05

evaluated from CML 2001, August 2016

1.3.17 S-WCF-H-8x580 Z

IT- Number	Product name	Pcs. per Sales pack	Weight [kg]	Material
2372405	S-WCF-H-8x580 Z	25	3,166	Steel, Cardboard

Environmental impact category	Total	Raw material	Produc-tion	Use	End of life	Transpor-tation
Global Warming Potential (GWP 100 years) [kg CO2-eq.]	3,448	5,958	1,140	0,000	-4,878	1,228
Ozone Depletion Potential (ODP, catalytic) [kg R11-eq.]	2,47E-11	7,79E-12	1,95E-11	0,000	-2,71E-12	1,38E-13
Acidification Potential (AP) [kg SO2-eq.]	1,13E-02	1,41E-02	2,36E-03	0,000	-1,14E-02	6,30E-03
Eutrification Potential (EP) [kg $(PO4)^{3-}$ eq.]	1,60E-03	1,41E-03	2,64E-04	0,000	-1,07E-03	1,00E-03
Photochemical Oxidant Potential (POCP) [kg Ethene-eq.]	-1,04E-04	2,12E-03	1,66E-04	0,000	-1,76E-03	-6,32E-04
Abiotic Depletion Potential non-Fossil Resources (ADPE) [kg Sb-eq.]	5,30E-07	1,34E-07	3,57E-07	0,000	-2,33E-08	6,25E-08
Abiotic Depletion Potential Fossil Fuels (ADPF) [MJ]	3,90E+01	5,29E+01	1,27E+01	0,000	-4,31E+01	1,65E+01
Energy (net calorific value) [MJ]	4,80E+01	5,38E+01	2,10E+01	0,000	-4,34E+01	1,66E+01
Energy ren. (net calorafic value) [MJ]	1,64E+01	6,77E+00	1,14E+01	0,000	-1,84E+00	9,65E-02
Water consumption [kg]	1,55E+01	9,84E+00	1,10E+01	0,000	-5,45E+00	1,32E-01
Air pollution [m^3]	2,66E+02	7,22E+02	7,31E+01	0,000	-5,98E+02	6,92E+01
Water pollution [m^3]	5,96E-01	3,97E-01	3,16E-01	0,000	-2,11E-01	9,39E-02
Hazardous waste for disposal [kg]	5,43E-08	5,21E-08	1,81E-09	0,000	3,46E-10	5,82E-11
Disposed of non-hazardous waste [kg]	4,31E-02	8,05E-02	1,56E-02	0,000	-5,47E-02	1,68E-03
Disposed of radioactive waste [kg]	3,55E-03	3,48E-04	3,28E-03	0,000	-1,10E-04	2,65E-05

evaluated from CML 2001, August 2016

1.3.18 S-WCF-H-10x120 Z

IT- Number	Product name	Pcs. per Sales pack	Weight [kg]	Material
2363586	S-WCF-H-10x120 Z	50	1,961	Steel, Cardboard

Environmental impact category	Total	Raw material	Produc-tion	Use	End of life	Transpor-tation
Global Warming Potential (GWP 100 years) [kg CO2-eq.]	2,165	3,853	0,729	0,000	-3,177	0,760
Ozone Depletion Potential (ODP, catalytic) [kg R11-eq.]	1,47E-11	3,65E-12	1,25E-11	0,000	-1,53E-12	8,52E-14
Acidification Potential (AP) [kg SO2-eq.]	6,99E-03	8,88E-03	1,51E-03	0,000	-7,30E-03	3,90E-03
Eutrification Potential (EP) [kg $(PO4)^{3-}$ eq.]	9,64E-04	8,58E-04	1,69E-04	0,000	-6,85E-04	6,22E-04
Photochemical Oxidant Potential (POCP) [kg Ethene-eq.]	-6,05E-05	1,35E-03	1,06E-04	0,000	-1,12E-03	-3,91E-04
Abiotic Depletion Potential non-Fossil Resources (ADPE) [kg Sb-eq.]	3,09E-07	5,36E-08	2,28E-07	0,000	-1,18E-08	3,87E-08
Abiotic Depletion Potential Fossil Fuels (ADPF) [MJ]	2,43E+01	3,31E+01	8,14E+00	0,000	-2,72E+01	1,02E+01
Energy (net calorific value) [MJ]	3,00E+01	3,36E+01	1,34E+01	0,000	-2,73E+01	1,03E+01
Energy ren. (net calorafic value) [MJ]	9,14E+00	2,85E+00	7,29E+00	0,000	-1,06E+00	5,98E-02
Water consumption [kg]	9,01E+00	5,55E+00	7,01E+00	0,000	-3,62E+00	8,19E-02
Air pollution [m^3]	1,67E+02	4,59E+02	4,67E+01	0,000	-3,82E+02	4,29E+01
Water pollution [m^3]	3,34E-01	2,06E-01	2,02E-01	0,000	-1,32E-01	5,81E-02
Hazardous waste for disposal [kg]	1,56E-08	1,41E-08	1,16E-09	0,000	2,88E-10	3,60E-11
Disposed of non-hazardous waste [kg]	2,28E-02	4,93E-02	9,95E-03	0,000	-3,75E-02	1,04E-03
Disposed of radioactive waste [kg]	2,28E-03	1,99E-04	2,10E-03	0,000	-3,63E-05	1,64E-05

evaluated from CML 2001, August 2016

1.3.19 S-WCF-H-10x160 Z

IT- Number	Product name	Pcs. per Sales pack	Weight [kg]	Material
2363587	S-WCF-H-10x160 Z	50	2,555	Steel, Cardboard

Environmental impact category	Total	Raw material	Produc-tion	Use	End of life	Transpor-tation
Global Warming Potential (GWP 100 years) [kg CO2-eq.]	2,827	5,059	0,955	0,000	-4,177	0,991
Ozone Depletion Potential (ODP, catalytic) [kg R11-eq.]	1,90E-11	4,47E-12	1,63E-11	0,000	-1,96E-12	1,11E-13
Acidification Potential (AP) [kg SO2-eq.]	9,11E-03	1,16E-02	1,98E-03	0,000	-9,57E-03	5,09E-03
Eutrification Potential (EP) [kg $(PO4)^{3-}$ eq.]	1,25E-03	1,12E-03	2,21E-04	0,000	-8,98E-04	8,10E-04
Photochemical Oxidant Potential (POCP) [kg Ethene-eq.]	-7,79E-05	1,76E-03	1,39E-04	0,000	-1,47E-03	-5,10E-04
Abiotic Depletion Potential non-Fossil Resources (ADPE) [kg Sb-eq.]	3,98E-07	6,27E-08	2,99E-07	0,000	-1,47E-08	5,05E-08
Abiotic Depletion Potential Fossil Fuels (ADPF) [MJ]	3,17E+01	4,32E+01	1,07E+01	0,000	-3,55E+01	1,33E+01
Energy (net calorific value) [MJ]	3,92E+01	4,39E+01	1,76E+01	0,000	-3,56E+01	1,34E+01
Energy ren. (net calorafic value) [MJ]	1,17E+01	3,39E+00	9,55E+00	0,000	-1,36E+00	7,79E-02
Water consumption [kg]	1,16E+01	7,09E+00	9,18E+00	0,000	-4,78E+00	1,07E-01
Air pollution [m^3]	2,18E+02	6,00E+02	6,12E+01	0,000	-5,00E+02	5,58E+01
Water pollution [m^3]	4,27E-01	2,58E-01	2,65E-01	0,000	-1,72E-01	7,58E-02
Hazardous waste for disposal [kg]	1,60E-08	1,40E-08	1,52E-09	0,000	3,92E-10	4,70E-11
Disposed of non-hazardous waste [kg]	2,87E-02	6,41E-02	1,30E-02	0,000	-4,97E-02	1,35E-03
Disposed of radioactive waste [kg]	2,99E-03	2,55E-04	2,75E-03	0,000	-3,97E-05	2,14E-05

evaluated from CML 2001, August 2016

1.3.20 S-WCF-H-10x180 Z

IT- Number	Product name	Pcs. per Sales pack	Weight [kg]	Material
2363588	S-WCF-H-10x180 Z	50	2,852	Steel, Cardboard

Environmental impact category	Total	Raw material	Produc-tion	Use	End of life	Transpor-tation
Global Warming Potential (GWP 100 years) [kg CO2-eq.]	3,159	5,662	1,068	0,000	-4,677	1,106
Ozone Depletion Potential (ODP, catalytic) [kg R11-eq.]	2,11E-11	4,88E-12	1,83E-11	0,000	-2,18E-12	1,24E-13
Acidification Potential (AP) [kg SO2-eq.]	1,02E-02	1,30E-02	2,21E-03	0,000	-1,07E-02	5,68E-03
Eutrification Potential (EP) [kg $(PO4)^{3-}$ eq.]	1,39E-03	1,24E-03	2,47E-04	0,000	-1,00E-03	9,04E-04
Photochemical Oxidant Potential (POCP) [kg Ethene-eq.]	-8,66E-05	1,97E-03	1,56E-04	0,000	-1,64E-03	-5,69E-04
Abiotic Depletion Potential non-Fossil Resources (ADPE) [kg Sb-eq.]	4,42E-07	6,73E-08	3,35E-07	0,000	-1,62E-08	5,63E-08
Abiotic Depletion Potential Fossil Fuels (ADPF) [MJ]	3,54E+01	4,83E+01	1,19E+01	0,000	-3,97E+01	1,49E+01
Energy (net calorific value) [MJ]	4,38E+01	4,90E+01	1,97E+01	0,000	-3,98E+01	1,49E+01
Energy ren. (net calorafic value) [MJ]	1,29E+01	3,66E+00	1,07E+01	0,000	-1,52E+00	8,69E-02
Water consumption [kg]	1,29E+01	7,87E+00	1,03E+01	0,000	-5,36E+00	1,19E-01
Air pollution [m^3]	2,43E+02	6,71E+02	6,85E+01	0,000	-5,59E+02	6,23E+01
Water pollution [m^3]	4,74E-01	2,85E-01	2,96E-01	0,000	-1,92E-01	8,46E-02
Hazardous waste for disposal [kg]	1,62E-08	1,40E-08	1,70E-09	0,000	4,45E-10	5,24E-11
Disposed of non-hazardous waste [kg]	3,17E-02	7,15E-02	1,46E-02	0,000	-5,59E-02	1,51E-03
Disposed of radioactive waste [kg]	3,34E-03	2,83E-04	3,08E-03	0,000	-4,14E-05	2,39E-05

evaluated from CML 2001, August 2016

1.3.21 S-WCF-H-10x200 Z

IT- Number	Product name	Pcs. per Sales pack	Weight [kg]	Material
2363589	S-WCF-H-10x200 Z	50	3,184	Steel, Cardboard

Environmental impact category	Total	Raw material	Produc-tion	Use	End of life	Transpor-tation
Global Warming Potential (GWP 100 years) [kg CO2-eq.]	3,512	6,240	1,181	0,000	-5,144	1,235
Ozone Depletion Potential (ODP, catalytic) [kg R11-eq.]	2,39E-11	6,04E-12	2,02E-11	0,000	-2,50E-12	1,38E-13
Acidification Potential (AP) [kg SO2-eq.]	1,14E-02	1,44E-02	2,45E-03	0,000	-1,18E-02	6,34E-03
Eutrification Potential (EP) [kg $(PO4)^{3-}$ eq.]	1,57E-03	1,40E-03	2,74E-04	0,000	-1,11E-03	1,01E-03
Photochemical Oxidant Potential (POCP) [kg Ethene-eq.]	-9,85E-05	2,18E-03	1,72E-04	0,000	-1,82E-03	-6,35E-04
Abiotic Depletion Potential non-Fossil Resources (ADPE) [kg Sb-eq.]	5,03E-07	8,98E-08	3,70E-07	0,000	-1,94E-08	6,29E-08
Abiotic Depletion Potential Fossil Fuels (ADPF) [MJ]	3,94E+01	5,37E+01	1,32E+01	0,000	-4,41E+01	1,66E+01
Energy (net calorific value) [MJ]	4,87E+01	5,45E+01	2,18E+01	0,000	-4,42E+01	1,67E+01
Energy ren. (net calorafic value) [MJ]	1,49E+01	4,76E+00	1,18E+01	0,000	-1,73E+00	9,70E-02
Water consumption [kg]	1,47E+01	9,06E+00	1,14E+01	0,000	-5,86E+00	1,33E-01
Air pollution [m^3]	2,70E+02	7,43E+02	7,57E+01	0,000	-6,18E+02	6,96E+01
Water pollution [m^3]	5,46E-01	3,38E-01	3,28E-01	0,000	-2,14E-01	9,44E-02
Hazardous waste for disposal [kg]	2,71E-08	2,47E-08	1,88E-09	0,000	4,60E-10	5,85E-11
Disposed of non-hazardous waste [kg]	3,73E-02	8,01E-02	1,61E-02	0,000	-6,05E-02	1,69E-03
Disposed of radioactive waste [kg]	3,69E-03	3,25E-04	3,40E-03	0,000	-6,20E-05	2,66E-05

evaluated from CML 2001, August 2016

1.3.22 S-WCF-H-10x220 Z

IT- Number	Product name	Pcs. per Sales pack	Weight [kg]	Material
2363590	S-WCF-H-10x220 Z	50	3,481	Steel, Cardboard

Environmental impact category	Total	Raw material	Produc-tion	Use	End of life	Transpor-tation
Global Warming Potential (GWP 100 years) [kg CO2-eq.]	3,843	6,843	1,294	0,000	-5,644	1,350
Ozone Depletion Potential (ODP, catalytic) [kg R11-eq.]	2,60E-11	6,45E-12	2,21E-11	0,000	-2,72E-12	1,51E-13
Acidification Potential (AP) [kg SO2-eq.]	1,24E-02	1,58E-02	2,68E-03	0,000	-1,30E-02	6,93E-03
Eutrification Potential (EP) [kg $(PO4)^{3-}$ eq.]	1,71E-03	1,52E-03	3,00E-04	0,000	-1,22E-03	1,10E-03
Photochemical Oxidant Potential (POCP) [kg Ethene-eq.]	-1,07E-04	2,39E-03	1,89E-04	0,000	-1,99E-03	-6,94E-04
Abiotic Depletion Potential non-Fossil Resources (ADPE) [kg Sb-eq.]	5,48E-07	9,44E-08	4,06E-07	0,000	-2,09E-08	6,87E-08
Abiotic Depletion Potential Fossil Fuels (ADPF) [MJ]	4,31E+01	5,88E+01	1,45E+01	0,000	-4,82E+01	1,81E+01
Energy (net calorific value) [MJ]	5,33E+01	5,97E+01	2,38E+01	0,000	-4,84E+01	1,82E+01
Energy ren. (net calorafic value) [MJ]	1,62E+01	5,03E+00	1,29E+01	0,000	-1,88E+00	1,06E-01
Water consumption [kg]	1,60E+01	9,83E+00	1,24E+01	0,000	-6,44E+00	1,45E-01
Air pollution [m^3]	2,96E+02	8,14E+02	8,30E+01	0,000	-6,78E+02	7,61E+01
Water pollution [m^3]	5,93E-01	3,64E-01	3,59E-01	0,000	-2,34E-01	1,03E-01
Hazardous waste for disposal [kg]	2,73E-08	2,46E-08	2,06E-09	0,000	5,12E-10	6,40E-11
Disposed of non-hazardous waste [kg]	4,03E-02	8,75E-02	1,77E-02	0,000	-6,67E-02	1,85E-03
Disposed of radioactive waste [kg]	4,04E-03	3,53E-04	3,73E-03	0,000	-6,37E-05	2,91E-05

evaluated from CML 2001, August 2016

1.3.23 S-WCF-H-10x240 Z

IT- Number	Product name	Pcs. per Sales pack	Weight [kg]	Material
2363591	S-WCF-H-10x240 Z	50	3,778	Steel, Cardboard

Environmental impact category	Total	Raw material	Produc-tion	Use	End of life	Transpor-tation
Global Warming Potential (GWP 100 years) [kg CO2-eq.]	4,174	7,446	1,407	0,000	-6,144	1,465
Ozone Depletion Potential (ODP, catalytic) [kg R11-eq.]	2,82E-11	6,86E-12	2,41E-11	0,000	-2,93E-12	1,64E-13
Acidification Potential (AP) [kg SO2-eq.]	1,35E-02	1,71E-02	2,92E-03	0,000	-1,41E-02	7,52E-03
Eutrification Potential (EP) [kg $(PO4)^{3-}$ eq.]	1,85E-03	1,65E-03	3,26E-04	0,000	-1,32E-03	1,20E-03
Photochemical Oxidant Potential (POCP) [kg Ethene-eq.]	-1,16E-04	2,60E-03	2,05E-04	0,000	-2,16E-03	-7,54E-04
Abiotic Depletion Potential non-Fossil Resources (ADPE) [kg Sb-eq.]	5,92E-07	9,90E-08	4,41E-07	0,000	-2,23E-08	7,46E-08
Abiotic Depletion Potential Fossil Fuels (ADPF) [MJ]	4,68E+01	6,38E+01	1,57E+01	0,000	-5,24E+01	1,97E+01
Energy (net calorific value) [MJ]	5,79E+01	6,48E+01	2,59E+01	0,000	-5,26E+01	1,98E+01
Energy ren. (net calorafic value) [MJ]	1,75E+01	5,30E+00	1,41E+01	0,000	-2,03E+00	1,15E-01
Water consumption [kg]	1,73E+01	1,06E+01	1,35E+01	0,000	-7,01E+00	1,58E-01
Air pollution [m^3]	3,21E+02	8,85E+02	9,03E+01	0,000	-7,37E+02	8,26E+01
Water pollution [m^3]	6,39E-01	3,90E-01	3,91E-01	0,000	-2,54E-01	1,12E-01
Hazardous waste for disposal [kg]	2,74E-08	2,46E-08	2,23E-09	0,000	5,65E-10	6,95E-11
Disposed of non-hazardous waste [kg]	4,33E-02	9,49E-02	1,92E-02	0,000	-7,28E-02	2,00E-03
Disposed of radioactive waste [kg]	4,40E-03	3,81E-04	4,05E-03	0,000	-6,54E-05	3,16E-05

evaluated from CML 2001, August 2016

1.3.24 S-WCF-H-10x260 Z

IT- Number	Product name	Pcs. per Sales pack	Weight [kg]	Material
2363592	S-WCF-H-10x260 Z	50	4,090	Steel, Cardboard

Environmental impact category	Total	Raw material	Produc-tion	Use	End of life	Transpor-tation
Global Warming Potential (GWP 100 years) [kg CO2-eq.]	4,515	8,039	1,520	0,000	-6,629	1,586
Ozone Depletion Potential (ODP, catalytic) [kg R11-eq.]	3,06E-11	7,59E-12	2,60E-11	0,000	-3,20E-12	1,78E-13
Acidification Potential (AP) [kg SO2-eq.]	1,46E-02	1,85E-02	3,15E-03	0,000	-1,52E-02	8,14E-03
Eutrification Potential (EP) [kg $(PO4)^{3-}$ eq.]	2,01E-03	1,79E-03	3,52E-04	0,000	-1,43E-03	1,30E-03
Photochemical Oxidant Potential (POCP) [kg Ethene-eq.]	-1,26E-04	2,81E-03	2,22E-04	0,000	-2,34E-03	-8,16E-04
Abiotic Depletion Potential non-Fossil Resources (ADPE) [kg Sb-eq.]	6,44E-07	1,11E-07	4,76E-07	0,000	-2,45E-08	8,08E-08
Abiotic Depletion Potential Fossil Fuels (ADPF) [MJ]	5,07E+01	6,90E+01	1,70E+01	0,000	-5,67E+01	2,13E+01
Energy (net calorific value) [MJ]	6,26E+01	7,01E+01	2,80E+01	0,000	-5,69E+01	2,14E+01
Energy ren. (net calorafic value) [MJ]	1,90E+01	5,93E+00	1,52E+01	0,000	-2,21E+00	1,25E-01
Water consumption [kg]	1,88E+01	1,16E+01	1,46E+01	0,000	-7,56E+00	1,71E-01
Air pollution [m^3]	3,48E+02	9,57E+02	9,75E+01	0,000	-7,96E+02	8,94E+01
Water pollution [m^3]	6,97E-01	4,28E-01	4,22E-01	0,000	-2,74E-01	1,21E-01
Hazardous waste for disposal [kg]	3,22E-08	2,91E-08	2,41E-09	0,000	6,01E-10	7,52E-11
Disposed of non-hazardous waste [kg]	4,74E-02	1,03E-01	2,08E-02	0,000	-7,83E-02	2,17E-03
Disposed of radioactive waste [kg]	4,75E-03	4,15E-04	4,38E-03	0,000	-7,52E-05	3,42E-05

evaluated from CML 2001, August 2016

1.3.25 S-WCF-H-10x280 Z

IT- Number	Product name	Pcs. per Sales pack	Weight [kg]	Material
2363593	S-WCF-H-10x280 Z	50	4,387	Steel, Cardboard

Environmental impact category	Total	Raw material	Produc-tion	Use	End of life	Transpor-tation
Global Warming Potential (GWP 100 years) [kg CO2-eq.]	4,846	8,642	1,633	0,000	-7,129	1,701
Ozone Depletion Potential (ODP, catalytic) [kg R11-eq.]	3,27E-11	8,00E-12	2,79E-11	0,000	-3,41E-12	1,91E-13
Acidification Potential (AP) [kg SO2-eq.]	1,56E-02	1,99E-02	3,38E-03	0,000	-1,64E-02	8,73E-03
Eutrification Potential (EP) [kg $(PO4)^{3-}$ eq.]	2,15E-03	1,92E-03	3,78E-04	0,000	-1,54E-03	1,39E-03
Photochemical Oxidant Potential (POCP) [kg Ethene-eq.]	-1,35E-04	3,01E-03	2,38E-04	0,000	-2,51E-03	-8,75E-04
Abiotic Depletion Potential non-Fossil Resources (ADPE) [kg Sb-eq.]	6,88E-07	1,16E-07	5,12E-07	0,000	-2,60E-08	8,66E-08
Abiotic Depletion Potential Fossil Fuels (ADPF) [MJ]	5,44E+01	7,41E+01	1,82E+01	0,000	-6,08E+01	2,29E+01
Energy (net calorific value) [MJ]	6,72E+01	7,52E+01	3,01E+01	0,000	-6,10E+01	2,30E+01
Energy ren. (net calorafic value) [MJ]	2,03E+01	6,20E+00	1,63E+01	0,000	-2,36E+00	1,34E-01
Water consumption [kg]	2,01E+01	1,23E+01	1,57E+01	0,000	-8,14E+00	1,83E-01
Air pollution [m^3]	3,73E+02	1,03E+03	1,05E+02	0,000	-8,55E+02	9,59E+01
Water pollution [m^3]	7,43E-01	4,54E-01	4,53E-01	0,000	-2,94E-01	1,30E-01
Hazardous waste for disposal [kg]	3,24E-08	2,91E-08	2,59E-09	0,000	6,54E-10	8,06E-11
Disposed of non-hazardous waste [kg]	5,04E-02	1,10E-01	2,23E-02	0,000	-8,44E-02	2,33E-03
Disposed of radioactive waste [kg]	5,11E-03	4,43E-04	4,70E-03	0,000	-7,69E-05	3,67E-05

evaluated from CML 2001, August 2016

1.3.26 S-WCF-H-10x300 Z

IT- Number	Product name	Pcs. per Sales pack	Weight [kg]	Material
2363594	S-WCF-H-10x300 Z	50	4,985	Steel, Cardboard

Environmental impact category	Total	Raw material	Produc-tion	Use	End of life	Transpor-tation
Global Warming Potential (GWP 100 years) [kg CO2-eq.]	5,513	9,855	1,861	0,000	-8,135	1,933
Ozone Depletion Potential (ODP, catalytic) [kg R11-eq.]	3,70E-11	8,83E-12	3,18E-11	0,000	-3,84E-12	2,17E-13
Acidification Potential (AP) [kg SO2-eq.]	1,78E-02	2,26E-02	3,86E-03	0,000	-1,86E-02	9,92E-03
Eutrification Potential (EP) [kg $(PO4)^{3-}$ eq.]	2,44E-03	2,18E-03	4,31E-04	0,000	-1,75E-03	1,58E-03
Photochemical Oxidant Potential (POCP) [kg Ethene-eq.]	-1,52E-04	3,43E-03	2,72E-04	0,000	-2,86E-03	-9,94E-04
Abiotic Depletion Potential non-Fossil Resources (ADPE) [kg Sb-eq.]	7,78E-07	1,25E-07	5,83E-07	0,000	-2,90E-08	9,84E-08
Abiotic Depletion Potential Fossil Fuels (ADPF) [MJ]	6,18E+01	8,43E+01	2,08E+01	0,000	-6,92E+01	2,60E+01
Energy (net calorific value) [MJ]	7,65E+01	8,55E+01	3,43E+01	0,000	-6,94E+01	2,61E+01
Energy ren. (net calorafic value) [MJ]	2,28E+01	6,74E+00	1,86E+01	0,000	-2,67E+00	1,52E-01
Water consumption [kg]	2,27E+01	1,39E+01	1,79E+01	0,000	-9,30E+00	2,08E-01
Air pollution [m^3]	4,24E+02	1,17E+03	1,19E+02	0,000	-9,74E+02	1,09E+02
Water pollution [m^3]	8,37E-01	5,07E-01	5,16E-01	0,000	-3,35E-01	1,48E-01
Hazardous waste for disposal [kg]	3,28E-08	2,90E-08	2,95E-09	0,000	7,59E-10	9,16E-11
Disposed of non-hazardous waste [kg]	5,64E-02	1,25E-01	2,54E-02	0,000	-9,67E-02	2,64E-03
Disposed of radioactive waste [kg]	5,82E-03	5,00E-04	5,36E-03	0,000	-8,03E-05	4,17E-05

evaluated from CML 2001, August 2016

1.3.27 S-WCF-H-10x325 Z

IT- Number	Product name	Pcs. per Sales pack	Weight [kg]	Material
2363595	S-WCF-H-10x325 Z	50	5,361	Steel, Cardboard

Environmental impact category	Total	Raw material	Produc-tion	Use	End of life	Transpor-tation
Global Warming Potential (GWP 100 years) [kg CO2-eq.]	5,926	10,581	1,999	0,000	-8,732	2,079
Ozone Depletion Potential (ODP, catalytic) [kg R11-eq.]	3,99E-11	9,63E-12	3,42E-11	0,000	-4,15E-12	2,33E-13
Acidification Potential (AP) [kg SO2-eq.]	1,91E-02	2,43E-02	4,14E-03	0,000	-2,00E-02	1,07E-02
Eutrification Potential (EP) [kg $(PO4)^{3-}$ eq.]	2,63E-03	2,34E-03	4,63E-04	0,000	-1,88E-03	1,70E-03
Photochemical Oxidant Potential (POCP) [kg Ethene-eq.]	-1,64E-04	3,69E-03	2,92E-04	0,000	-3,08E-03	-1,07E-03
Abiotic Depletion Potential non-Fossil Resources (ADPE) [kg Sb-eq.]	8,38E-07	1,38E-07	6,26E-07	0,000	-3,15E-08	1,06E-07
Abiotic Depletion Potential Fossil Fuels (ADPF) [MJ]	6,65E+01	9,06E+01	2,23E+01	0,000	-7,44E+01	2,79E+01
Energy (net calorific value) [MJ]	8,22E+01	9,20E+01	3,68E+01	0,000	-7,46E+01	2,81E+01
Energy ren. (net calorafic value) [MJ]	2,47E+01	7,40E+00	2,00E+01	0,000	-2,88E+00	1,63E-01
Water consumption [kg]	2,45E+01	1,50E+01	1,92E+01	0,000	-9,98E+00	2,24E-01
Air pollution [m^3]	4,56E+02	1,26E+03	1,28E+02	0,000	-1,05E+03	1,17E+02
Water pollution [m^3]	9,04E-01	5,50E-01	5,55E-01	0,000	-3,60E-01	1,59E-01
Hazardous waste for disposal [kg]	3,73E-08	3,32E-08	3,17E-09	0,000	8,08E-10	9,86E-11
Disposed of non-hazardous waste [kg]	6,11E-02	1,35E-01	2,73E-02	0,000	-1,04E-01	2,84E-03
Disposed of radioactive waste [kg]	6,25E-03	5,39E-04	5,76E-03	0,000	-8,99E-05	4,48E-05

evaluated from CML 2001, August 2016

1.3.28 S-WCF-H-10x350 Z

IT- Number	Product name	Pcs. per Sales pack	Weight [kg]	Material
2363596	S-WCF-H-10x350 Z	50	5,795	Steel, Cardboard

Environmental impact category	Total	Raw material	Produc-tion	Use	End of life	Transpor-tation
Global Warming Potential (GWP 100 years) [kg CO2-eq.]	6,410	11,461	2,164	0,000	-9,462	2,247
Ozone Depletion Potential (ODP, catalytic) [kg R11-eq.]	4,30E-11	1,02E-11	3,70E-11	0,000	-4,46E-12	2,52E-13
Acidification Potential (AP) [kg SO2-eq.]	2,07E-02	2,63E-02	4,48E-03	0,000	-2,17E-02	1,15E-02
Eutrification Potential (EP) [kg $(PO4)^{3-}$ eq.]	2,83E-03	2,53E-03	5,01E-04	0,000	-2,03E-03	1,84E-03
Photochemical Oxidant Potential (POCP) [kg Ethene-eq.]	-1,77E-04	3,99E-03	3,16E-04	0,000	-3,33E-03	-1,16E-03
Abiotic Depletion Potential non-Fossil Resources (ADPE) [kg Sb-eq.]	9,03E-07	1,44E-07	6,78E-07	0,000	-3,36E-08	1,14E-07
Abiotic Depletion Potential Fossil Fuels (ADPF) [MJ]	7,19E+01	9,80E+01	2,42E+01	0,000	-8,05E+01	3,02E+01
Energy (net calorific value) [MJ]	8,89E+01	9,94E+01	3,99E+01	0,000	-8,07E+01	3,03E+01
Energy ren. (net calorafic value) [MJ]	2,65E+01	7,79E+00	2,16E+01	0,000	-3,10E+00	1,77E-01
Water consumption [kg]	2,64E+01	1,61E+01	2,08E+01	0,000	-1,08E+01	2,42E-01
Air pollution [m^3]	4,93E+02	1,36E+03	1,39E+02	0,000	-1,13E+03	1,27E+02
Water pollution [m^3]	9,72E-01	5,89E-01	6,01E-01	0,000	-3,89E-01	1,72E-01
Hazardous waste for disposal [kg]	3,76E-08	3,32E-08	3,44E-09	0,000	8,85E-10	1,07E-10
Disposed of non-hazardous waste [kg]	6,54E-02	1,45E-01	2,95E-02	0,000	-1,13E-01	3,07E-03
Disposed of radioactive waste [kg]	6,77E-03	5,80E-04	6,23E-03	0,000	-9,24E-05	4,85E-05

evaluated from CML 2001, August 2016

1.3.29 S-WCF-H-10x375 Z

IT- Number	Product name	Pcs. per Sales pack	Weight [kg]	Material
2363597	S-WCF-H-10x375 Z	50	6,211	Steel, Cardboard

Environmental impact category	Total	Raw material	Produc-tion	Use	End of life	Transpor-tation
Global Warming Potential (GWP 100 years) [kg CO2-eq.]	6,874	12,307	2,322	0,000	-10,163	2,408
Ozone Depletion Potential (ODP, catalytic) [kg R11-eq.]	4,60E-11	1,08E-11	3,97E-11	0,000	-4,76E-12	2,70E-13
Acidification Potential (AP) [kg SO2-eq.]	2,21E-02	2,82E-02	4,81E-03	0,000	-2,33E-02	1,24E-02
Eutrification Potential (EP) [kg $(PO4)^{3-}$ eq.]	3,03E-03	2,71E-03	5,38E-04	0,000	-2,18E-03	1,97E-03
Photochemical Oxidant Potential (POCP) [kg Ethene-eq.]	-1,89E-04	4,28E-03	3,39E-04	0,000	-3,57E-03	-1,24E-03
Abiotic Depletion Potential non-Fossil Resources (ADPE) [kg Sb-eq.]	9,66E-07	1,51E-07	7,28E-07	0,000	-3,57E-08	1,23E-07
Abiotic Depletion Potential Fossil Fuels (ADPF) [MJ]	7,70E+01	1,05E+02	2,59E+01	0,000	-8,63E+01	3,24E+01
Energy (net calorific value) [MJ]	9,53E+01	1,07E+02	4,28E+01	0,000	-8,66E+01	3,25E+01
Energy ren. (net calorafic value) [MJ]	2,83E+01	8,17E+00	2,32E+01	0,000	-3,31E+00	1,89E-01
Water consumption [kg]	2,82E+01	1,72E+01	2,23E+01	0,000	-1,16E+01	2,59E-01
Air pollution [m^3]	5,29E+02	1,46E+03	1,49E+02	0,000	-1,22E+03	1,36E+02
Water pollution [m^3]	1,04E+00	6,26E-01	6,45E-01	0,000	-4,17E-01	1,84E-01
Hazardous waste for disposal [kg]	3,78E-08	3,31E-08	3,69E-09	0,000	9,58E-10	1,14E-10
Disposed of non-hazardous waste [kg]	6,96E-02	1,56E-01	3,17E-02	0,000	-1,21E-01	3,29E-03
Disposed of radioactive waste [kg]	7,26E-03	6,20E-04	6,69E-03	0,000	-9,48E-05	5,20E-05

evaluated from CML 2001, August 2016

1.3.30 S-WCF-H-10x400 Z

IT- Number	Product name	Pcs. per Sales pack	Weight [kg]	Material
2363598	S-WCF-H-10x400 Z	50	6,524	Steel, Cardboard

Environmental impact category	Total	Raw material	Produc-tion	Use	End of life	Transpor-tation
Global Warming Potential (GWP 100 years) [kg CO2-eq.]	7,223	12,943	2,441	0,000	-10,690	2,529
Ozone Depletion Potential (ODP, catalytic) [kg R11-eq.]	4,83E-11	1,12E-11	4,18E-11	0,000	-4,99E-12	2,83E-13
Acidification Potential (AP) [kg SO2-eq.]	2,33E-02	2,97E-02	5,06E-03	0,000	-2,45E-02	1,30E-02
Eutrification Potential (EP) [kg $(PO4)^{3-}$ eq.]	3,18E-03	2,85E-03	5,66E-04	0,000	-2,30E-03	2,07E-03
Photochemical Oxidant Potential (POCP) [kg Ethene-eq.]	-1,98E-04	4,50E-03	3,56E-04	0,000	-3,76E-03	-1,30E-03
Abiotic Depletion Potential non-Fossil Resources (ADPE) [kg Sb-eq.]	1,01E-06	1,56E-07	7,65E-07	0,000	-3,72E-08	1,29E-07
Abiotic Depletion Potential Fossil Fuels (ADPF) [MJ]	8,09E+01	1,10E+02	2,73E+01	0,000	-9,07E+01	3,40E+01
Energy (net calorific value) [MJ]	1,00E+02	1,12E+02	4,50E+01	0,000	-9,10E+01	3,41E+01
Energy ren. (net calorafic value) [MJ]	2,96E+01	8,46E+00	2,44E+01	0,000	-3,47E+00	1,99E-01
Water consumption [kg]	2,95E+01	1,80E+01	2,35E+01	0,000	-1,22E+01	2,72E-01
Air pollution [m^3]	5,56E+02	1,53E+03	1,57E+02	0,000	-1,28E+03	1,43E+02
Water pollution [m^3]	1,09E+00	6,53E-01	6,78E-01	0,000	-4,38E-01	1,93E-01
Hazardous waste for disposal [kg]	3,80E-08	3,30E-08	3,88E-09	0,000	1,01E-09	1,20E-10
Disposed of non-hazardous waste [kg]	7,27E-02	1,63E-01	3,33E-02	0,000	-1,28E-01	3,46E-03
Disposed of radioactive waste [kg]	7,64E-03	6,49E-04	7,03E-03	0,000	-9,65E-05	5,46E-05

evaluated from CML 2001, August 2016

1.3.31 S-WCF-H-10x450 Z

IT- Number	Product name	Pcs. per Sales pack	Weight [kg]	Material
2363599	S-WCF-H-10x450 Z	25	3,768	Steel, Cardboard

Environmental impact category	Total	Raw material	Produc-tion	Use	End of life	Transpor-tation
Global Warming Potential (GWP 100 years) [kg CO2-eq.]	4,139	7,293	1,385	0,000	-5,999	1,461
Ozone Depletion Potential (ODP, catalytic) [kg R11-eq.]	2,86E-11	7,80E-12	2,37E-11	0,000	-3,04E-12	1,64E-13
Acidification Potential (AP) [kg SO2-eq.]	1,34E-02	1,70E-02	2,87E-03	0,000	-1,39E-02	7,50E-03
Eutrification Potential (EP) [kg $(PO4)^{3-}$ eq.]	1,87E-03	1,66E-03	3,21E-04	0,000	-1,30E-03	1,19E-03
Photochemical Oxidant Potential (POCP) [kg Ethene-eq.]	-1,19E-04	2,56E-03	2,02E-04	0,000	-2,13E-03	-7,52E-04
Abiotic Depletion Potential non-Fossil Resources (ADPE) [kg Sb-eq.]	6,07E-07	1,23E-07	4,34E-07	0,000	-2,44E-08	7,44E-08
Abiotic Depletion Potential Fossil Fuels (ADPF) [MJ]	4,66E+01	6,34E+01	1,55E+01	0,000	-5,19E+01	1,96E+01
Energy (net calorific value) [MJ]	5,75E+01	6,44E+01	2,55E+01	0,000	-5,21E+01	1,97E+01
Energy ren. (net calorafic value) [MJ]	1,83E+01	6,38E+00	1,38E+01	0,000	-2,09E+00	1,15E-01
Water consumption [kg]	1,77E+01	1,10E+01	1,33E+01	0,000	-6,79E+00	1,57E-01
Air pollution [m^3]	3,19E+02	8,73E+02	8,88E+01	0,000	-7,26E+02	8,23E+01
Water pollution [m^3]	6,66E-01	4,22E-01	3,84E-01	0,000	-2,52E-01	1,12E-01
Hazardous waste for disposal [kg]	4,21E-08	3,93E-08	2,20E-09	0,000	5,04E-10	6,93E-11
Disposed of non-hazardous waste [kg]	4,64E-02	9,51E-02	1,89E-02	0,000	-6,96E-02	2,00E-03
Disposed of radioactive waste [kg]	4,32E-03	3,93E-04	3,99E-03	0,000	-9,11E-05	3,15E-05

evaluated from CML 2001, August 2016

1.3.32 S-WCF-H-10x500 Z

IT- Number	Product name	Pcs. per Sales pack	Weight [kg]	Material
2363600	S-WCF-H-10x500 Z	25	4,230	Steel, Cardboard

Environmental impact category	Total	Raw material	Produc-tion	Use	End of life	Transpor-tation
Global Warming Potential (GWP 100 years) [kg CO2-eq.]	4,655	8,232	1,561	0,000	-6,778	1,640
Ozone Depletion Potential (ODP, catalytic) [kg R11-eq.]	3,20E-11	8,44E-12	2,67E-11	0,000	-3,38E-12	1,84E-13
Acidification Potential (AP) [kg SO2-eq.]	1,51E-02	1,91E-02	3,23E-03	0,000	-1,57E-02	8,42E-03
Eutrification Potential (EP) [kg $(PO4)^{3-}$ eq.]	2,09E-03	1,86E-03	3,62E-04	0,000	-1,47E-03	1,34E-03
Photochemical Oxidant Potential (POCP) [kg Ethene-eq.]	-1,32E-04	2,89E-03	2,28E-04	0,000	-2,40E-03	-8,44E-04
Abiotic Depletion Potential non-Fossil Resources (ADPE) [kg Sb-eq.]	6,76E-07	1,30E-07	4,89E-07	0,000	-2,67E-08	8,35E-08
Abiotic Depletion Potential Fossil Fuels (ADPF) [MJ]	5,24E+01	7,12E+01	1,74E+01	0,000	-5,84E+01	2,20E+01
Energy (net calorific value) [MJ]	6,46E+01	7,23E+01	2,88E+01	0,000	-5,86E+01	2,21E+01
Energy ren. (net calorafic value) [MJ]	2,02E+01	6,80E+00	1,56E+01	0,000	-2,33E+00	1,29E-01
Water consumption [kg]	1,97E+01	1,22E+01	1,50E+01	0,000	-7,69E+00	1,77E-01
Air pollution [m^3]	3,59E+02	9,84E+02	1,00E+02	0,000	-8,18E+02	9,25E+01
Water pollution [m^3]	7,38E-01	4,63E-01	4,33E-01	0,000	-2,83E-01	1,25E-01
Hazardous waste for disposal [kg]	4,24E-08	3,92E-08	2,48E-09	0,000	5,85E-10	7,78E-11
Disposed of non-hazardous waste [kg]	5,10E-02	1,07E-01	2,13E-02	0,000	-7,91E-02	2,24E-03
Disposed of radioactive waste [kg]	4,87E-03	4,37E-04	4,49E-03	0,000	-9,37E-05	3,54E-05

evaluated from CML 2001, August 2016

1.3.33 S-WCF-H-10x580 Z

IT- Number	Product name	Pcs. per Sales pack	Weight [kg]	Material
2372404	S-WCF-H-10x580 Z	25	4,865	Steel, Cardboard

Environmental impact category	Total	Raw material	Produc-tion	Use	End of life	Transpor-tation
Global Warming Potential (GWP 100 years) [kg CO2-eq.]	5,343	9,408	1,787	0,000	-7,738	1,886
Ozone Depletion Potential (ODP, catalytic) [kg R11-eq.]	3,70E-11	1,01E-11	3,06E-11	0,000	-3,94E-12	2,11E-13
Acidification Potential (AP) [kg SO2-eq.]	1,74E-02	2,19E-02	3,70E-03	0,000	-1,79E-02	9,69E-03
Eutrification Potential (EP) [kg $(PO4)^{3-}$ eq.]	2,42E-03	2,14E-03	4,14E-04	0,000	-1,68E-03	1,54E-03
Photochemical Oxidant Potential (POCP) [kg Ethene-eq.]	-1,53E-04	3,31E-03	2,61E-04	0,000	-2,75E-03	-9,71E-04
Abiotic Depletion Potential non-Fossil Resources (ADPE) [kg Sb-eq.]	7,84E-07	1,60E-07	5,60E-07	0,000	-3,17E-08	9,61E-08
Abiotic Depletion Potential Fossil Fuels (ADPF) [MJ]	6,02E+01	8,18E+01	2,00E+01	0,000	-6,70E+01	2,54E+01
Energy (net calorific value) [MJ]	7,42E+01	8,31E+01	3,29E+01	0,000	-6,73E+01	2,55E+01
Energy ren. (net calorafic value) [MJ]	2,36E+01	8,32E+00	1,79E+01	0,000	-2,71E+00	1,48E-01
Water consumption [kg]	2,29E+01	1,43E+01	1,72E+01	0,000	-8,76E+00	2,03E-01
Air pollution [m^3]	4,12E+02	1,13E+03	1,15E+02	0,000	-9,36E+02	1,06E+02
Water pollution [m^3]	8,62E-01	5,47E-01	4,96E-01	0,000	-3,26E-01	1,44E-01
Hazardous waste for disposal [kg]	5,54E-08	5,19E-08	2,84E-09	0,000	6,46E-10	8,94E-11
Disposed of non-hazardous waste [kg]	6,01E-02	1,23E-01	2,44E-02	0,000	-8,97E-02	2,58E-03
Disposed of radioactive waste [kg]	5,58E-03	5,09E-04	5,15E-03	0,000	-1,19E-04	4,07E-05

evaluated from CML 2001, August 2016

1.3.34 S-WXF-S-8x120 Z

IT- Number	Product name	Pcs. per Sales pack	Weight [kg]	Material
2363601	S-WXF-S-8x120 Z	50	1,279	Steel, Cardboard

Environmental impact category	Total	Raw material	Produc-tion	Use	End of life	Transpor-tation
Global Warming Potential (GWP 100 years) [kg CO2-eq.]	1,409	2,495	0,473	0,000	-2,056	0,496
Ozone Depletion Potential (ODP, catalytic) [kg R11-eq.]	9,64E-12	2,51E-12	8,09E-12	0,000	-1,02E-12	5,56E-14
Acidification Potential (AP) [kg SO2-eq.]	4,56E-03	5,78E-03	9,80E-04	0,000	-4,74E-03	2,55E-03
Eutrification Potential (EP) [kg $(PO4)^{3-}$ eq.]	6,32E-04	5,61E-04	1,10E-04	0,000	-4,45E-04	4,05E-04
Photochemical Oxidant Potential (POCP) [kg Ethene-eq.]	-3,98E-05	8,74E-04	6,90E-05	0,000	-7,28E-04	-2,55E-04
Abiotic Depletion Potential non-Fossil Resources (ADPE) [kg Sb-eq.]	2,04E-07	3,81E-08	1,48E-07	0,000	-7,97E-09	2,53E-08
Abiotic Depletion Potential Fossil Fuels (ADPF) [MJ]	1,58E+01	2,16E+01	5,28E+00	0,000	-1,77E+01	6,67E+00
Energy (net calorific value) [MJ]	1,96E+01	2,19E+01	8,71E+00	0,000	-1,77E+01	6,69E+00
Energy ren. (net calorafic value) [MJ]	6,07E+00	2,00E+00	4,73E+00	0,000	-7,01E-01	3,90E-02
Water consumption [kg]	5,94E+00	3,68E+00	4,55E+00	0,000	-2,34E+00	5,34E-02
Air pollution [m^3]	1,08E+02	2,98E+02	3,03E+01	0,000	-2,48E+02	2,80E+01
Water pollution [m^3]	2,22E-01	1,38E-01	1,31E-01	0,000	-8,57E-02	3,79E-02
Hazardous waste for disposal [kg]	1,21E-08	1,12E-08	7,51E-10	0,000	1,80E-10	2,35E-11
Disposed of non-hazardous waste [kg]	1,53E-02	3,22E-02	6,46E-03	0,000	-2,41E-02	6,78E-04
Disposed of radioactive waste [kg]	1,48E-03	1,32E-04	1,36E-03	0,000	-2,71E-05	1,07E-05

evaluated from CML 2001, August 2016

1.3.35 S-WXF-S-8x140 Z

IT- Number	Product name	Pcs. per Sales pack	Weight [kg]	Material
2363602	S-WXF-S-8x140 Z	50	1,494	Steel, Cardboard

Environmental impact category	Total	Raw material	Produc-tion	Use	End of life	Transpor-tation
Global Warming Potential (GWP 100 years) [kg CO2-eq.]	1,644	2,905	0,551	0,000	-2,391	0,579
Ozone Depletion Potential (ODP, catalytic) [kg R11-eq.]	1,13E-11	3,00E-12	9,43E-12	0,000	-1,20E-12	6,49E-14
Acidification Potential (AP) [kg SO2-eq.]	5,33E-03	6,74E-03	1,14E-03	0,000	-5,52E-03	2,97E-03
Eutrification Potential (EP) [kg $(PO4)^{3-}$ eq.]	7,40E-04	6,57E-04	1,28E-04	0,000	-5,18E-04	4,74E-04
Photochemical Oxidant Potential (POCP) [kg Ethene-eq.]	-4,68E-05	1,02E-03	8,04E-05	0,000	-8,48E-04	-2,98E-04
Abiotic Depletion Potential non-Fossil Resources (ADPE) [kg Sb-eq.]	2,39E-07	4,64E-08	1,73E-07	0,000	-9,48E-09	2,95E-08
Abiotic Depletion Potential Fossil Fuels (ADPF) [MJ]	1,85E+01	2,52E+01	6,15E+00	0,000	-2,06E+01	7,79E+00
Energy (net calorific value) [MJ]	2,28E+01	2,55E+01	1,01E+01	0,000	-2,07E+01	7,82E+00
Energy ren. (net calorafic value) [MJ]	7,16E+00	2,43E+00	5,51E+00	0,000	-8,24E-01	4,55E-02
Water consumption [kg]	6,97E+00	4,33E+00	5,30E+00	0,000	-2,71E+00	6,24E-02
Air pollution [m^3]	1,27E+02	3,47E+02	3,53E+01	0,000	-2,89E+02	3,27E+01
Water pollution [m^3]	2,61E-01	1,64E-01	1,53E-01	0,000	-1,00E-01	4,43E-02
Hazardous waste for disposal [kg]	1,53E-08	1,42E-08	8,75E-10	0,000	2,05E-10	2,75E-11
Disposed of non-hazardous waste [kg]	1,81E-02	3,77E-02	7,52E-03	0,000	-2,79E-02	7,92E-04
Disposed of radioactive waste [kg]	1,72E-03	1,55E-04	1,59E-03	0,000	-3,37E-05	1,25E-05

evaluated from CML 2001, August 2016

1.3.36 S-WXF-S-8x160 Z

IT- Number	Product name	Pcs. per Sales pack	Weight [kg]	Material
2363603	S-WXF-S-8x160 Z	50	1,697	Steel, Cardboard

Environmental impact category	Total	Raw material	Produc-tion	Use	End of life	Transpor-tation
Global Warming Potential (GWP 100 years) [kg CO2-eq.]	1,870	3,317	0,628	0,000	-2,733	0,658
Ozone Depletion Potential (ODP, catalytic) [kg R11-eq.]	1,28E-11	3,28E-12	1,07E-11	0,000	-1,34E-12	7,37E-14
Acidification Potential (AP) [kg SO2-eq.]	6,05E-03	7,67E-03	1,30E-03	0,000	-6,30E-03	3,38E-03
Eutrification Potential (EP) [kg $(PO4)^{3-}$ eq.]	8,37E-04	7,44E-04	1,46E-04	0,000	-5,91E-04	5,38E-04
Photochemical Oxidant Potential (POCP) [kg Ethene-eq.]	-5,27E-05	1,16E-03	9,17E-05	0,000	-9,67E-04	-3,39E-04
Abiotic Depletion Potential non-Fossil Resources (ADPE) [kg Sb-eq.]	2,69E-07	4,95E-08	1,97E-07	0,000	-1,05E-08	3,35E-08
Abiotic Depletion Potential Fossil Fuels (ADPF) [MJ]	2,10E+01	2,86E+01	7,02E+00	0,000	-2,35E+01	8,84E+00
Energy (net calorific value) [MJ]	2,60E+01	2,90E+01	1,16E+01	0,000	-2,35E+01	8,88E+00
Energy ren. (net calorafic value) [MJ]	8,02E+00	2,61E+00	6,28E+00	0,000	-9,27E-01	5,17E-02
Water consumption [kg]	7,86E+00	4,86E+00	6,04E+00	0,000	-3,11E+00	7,08E-02
Air pollution [m^3]	1,44E+02	3,96E+02	4,03E+01	0,000	-3,29E+02	3,71E+01
Water pollution [m^3]	2,93E-01	1,82E-01	1,74E-01	0,000	-1,14E-01	5,03E-02
Hazardous waste for disposal [kg]	1,54E-08	1,42E-08	9,98E-10	0,000	2,41E-10	3,12E-11
Disposed of non-hazardous waste [kg]	2,01E-02	4,27E-02	8,58E-03	0,000	-3,21E-02	9,00E-04
Disposed of radioactive waste [kg]	1,96E-03	1,74E-04	1,81E-03	0,000	-3,48E-05	1,42E-05

evaluated from CML 2001, August 2016

1.3.37 S-WXF-S-8x180 Z

IT- Number	Product name	Pcs. per Sales pack	Weight [kg]	Material
2363604	S-WXF-S-8x180 Z	50	1,897	Steel, Cardboard

Environmental impact category	Total	Raw material	Produc-tion	Use	End of life	Transpor-tation
Global Warming Potential (GWP 100 years) [kg CO2-eq.]	2,093	3,723	0,704	0,000	-3,069	0,736
Ozone Depletion Potential (ODP, catalytic) [kg R11-eq.]	1,42E-11	3,56E-12	1,21E-11	0,000	-1,49E-12	8,24E-14
Acidification Potential (AP) [kg SO2-eq.]	6,76E-03	8,59E-03	1,46E-03	0,000	-7,06E-03	3,78E-03
Eutrification Potential (EP) [kg $(PO4)^{3-}$ eq.]	9,33E-04	8,31E-04	1,63E-04	0,000	-6,62E-04	6,01E-04
Photochemical Oxidant Potential (POCP) [kg Ethene-eq.]	-5,86E-05	1,30E-03	1,03E-04	0,000	-1,08E-03	-3,78E-04
Abiotic Depletion Potential non-Fossil Resources (ADPE) [kg Sb-eq.]	2,99E-07	5,26E-08	2,21E-07	0,000	-1,15E-08	3,75E-08
Abiotic Depletion Potential Fossil Fuels (ADPF) [MJ]	2,35E+01	3,20E+01	7,87E+00	0,000	-2,63E+01	9,89E+00
Energy (net calorific value) [MJ]	2,90E+01	3,25E+01	1,30E+01	0,000	-2,64E+01	9,93E+00
Energy ren. (net calorafic value) [MJ]	8,87E+00	2,79E+00	7,04E+00	0,000	-1,03E+00	5,78E-02
Water consumption [kg]	8,73E+00	5,38E+00	6,77E+00	0,000	-3,50E+00	7,92E-02
Air pollution [m^3]	1,61E+02	4,43E+02	4,52E+01	0,000	-3,69E+02	4,15E+01
Water pollution [m^3]	3,24E-01	2,00E-01	1,95E-01	0,000	-1,27E-01	5,62E-02
Hazardous waste for disposal [kg]	1,56E-08	1,41E-08	1,12E-09	0,000	2,76E-10	3,49E-11
Disposed of non-hazardous waste [kg]	2,21E-02	4,77E-02	9,62E-03	0,000	-3,62E-02	1,01E-03
Disposed of radioactive waste [kg]	2,20E-03	1,93E-04	2,03E-03	0,000	-3,60E-05	1,59E-05

evaluated from CML 2001, August 2016

1.3.38 S-WXF-S-8x200 Z

IT- Number	Product name	Pcs. per Sales pack	Weight [kg]	Material
2363605	S-WXF-S-8x200 Z	50	2,122	Steel, Cardboard

Environmental impact category	Total	Raw material	Produc-tion	Use	End of life	Transpor-tation
Global Warming Potential (GWP 100 years) [kg CO2-eq.]	2,344	4,180	0,790	0,000	-3,448	0,823
Ozone Depletion Potential (ODP, catalytic) [kg R11-eq.]	1,58E-11	3,87E-12	1,35E-11	0,000	-1,65E-12	9,22E-14
Acidification Potential (AP) [kg SO2-eq.]	7,57E-03	9,62E-03	1,64E-03	0,000	-7,92E-03	4,23E-03
Eutrification Potential (EP) [kg $(PO4)^{3-}$ eq.]	1,04E-03	9,28E-04	1,83E-04	0,000	-7,43E-04	6,73E-04
Photochemical Oxidant Potential (POCP) [kg Ethene-eq.]	-6,52E-05	1,46E-03	1,15E-04	0,000	-1,22E-03	-4,23E-04
Abiotic Depletion Potential non-Fossil Resources (ADPE) [kg Sb-eq.]	3,33E-07	5,61E-08	2,48E-07	0,000	-1,26E-08	4,19E-08
Abiotic Depletion Potential Fossil Fuels (ADPF) [MJ]	2,63E+01	3,58E+01	8,83E+00	0,000	-2,94E+01	1,11E+01
Energy (net calorific value) [MJ]	3,25E+01	3,64E+01	1,46E+01	0,000	-2,95E+01	1,11E+01
Energy ren. (net calorafic value) [MJ]	9,82E+00	3,00E+00	7,90E+00	0,000	-1,14E+00	6,47E-02
Water consumption [kg]	9,71E+00	5,97E+00	7,59E+00	0,000	-3,94E+00	8,86E-02
Air pollution [m^3]	1,80E+02	4,97E+02	5,07E+01	0,000	-4,14E+02	4,64E+01
Water pollution [m^3]	3,60E-01	2,20E-01	2,19E-01	0,000	-1,42E-01	6,29E-02
Hazardous waste for disposal [kg]	1,57E-08	1,41E-08	1,25E-09	0,000	3,16E-10	3,90E-11
Disposed of non-hazardous waste [kg]	2,44E-02	5,33E-02	1,08E-02	0,000	-4,08E-02	1,12E-03
Disposed of radioactive waste [kg]	2,47E-03	2,14E-04	2,27E-03	0,000	-3,72E-05	1,77E-05

evaluated from CML 2001, August 2016

1.3.39 S-WXF-S-8x220 Z

IT- Number	Product name	Pcs. per Sales pack	Weight [kg]	Material
2363606	S-WXF-S-8x220 Z	50	2,349	Steel, Cardboard

Environmental impact category	Total	Raw material	Produc-tion	Use	End of life	Transpor-tation
Global Warming Potential (GWP 100 years) [kg CO2-eq.]	2,580	4,545	0,863	0,000	-3,738	0,911
Ozone Depletion Potential (ODP, catalytic) [kg R11-eq.]	1,79E-11	4,88E-12	1,48E-11	0,000	-1,90E-12	1,02E-13
Acidification Potential (AP) [kg SO2-eq.]	8,38E-03	1,06E-02	1,79E-03	0,000	-8,66E-03	4,68E-03
Eutrification Potential (EP) [kg $(PO4)^{3-}$ eq.]	1,17E-03	1,03E-03	2,00E-04	0,000	-8,12E-04	7,45E-04
Photochemical Oxidant Potential (POCP) [kg Ethene-eq.]	-7,40E-05	1,60E-03	1,26E-04	0,000	-1,33E-03	-4,69E-04
Abiotic Depletion Potential non-Fossil Resources (ADPE) [kg Sb-eq.]	3,78E-07	7,69E-08	2,70E-07	0,000	-1,53E-08	4,64E-08
Abiotic Depletion Potential Fossil Fuels (ADPF) [MJ]	2,91E+01	3,95E+01	9,64E+00	0,000	-3,23E+01	1,22E+01
Energy (net calorific value) [MJ]	3,58E+01	4,01E+01	1,59E+01	0,000	-3,25E+01	1,23E+01
Energy ren. (net calorafic value) [MJ]	1,14E+01	4,00E+00	8,63E+00	0,000	-1,31E+00	7,16E-02
Water consumption [kg]	1,10E+01	6,88E+00	8,30E+00	0,000	-4,23E+00	9,81E-02
Air pollution [m^3]	1,99E+02	5,44E+02	5,54E+01	0,000	-4,52E+02	5,13E+01
Water pollution [m^3]	4,16E-01	2,64E-01	2,40E-01	0,000	-1,57E-01	6,97E-02
Hazardous waste for disposal [kg]	2,65E-08	2,48E-08	1,37E-09	0,000	3,13E-10	4,32E-11
Disposed of non-hazardous waste [kg]	2,90E-02	5,93E-02	1,18E-02	0,000	-4,33E-02	1,25E-03
Disposed of radioactive waste [kg]	2,69E-03	2,46E-04	2,49E-03	0,000	-5,73E-05	1,96E-05

evaluated from CML 2001, August 2016

1.3.40 S-WXF-S-8x240 Z

IT- Number	Product name	Pcs. per Sales pack	Weight [kg]	Material
2363607	S-WXF-S-8x240 Z	50	2,567	Steel, Cardboard

Environmental impact category	Total	Raw material	Produc-tion	Use	End of life	Transpor-tation
Global Warming Potential (GWP 100 years) [kg CO2-eq.]	2,823	4,987	0,946	0,000	-4,105	0,995
Ozone Depletion Potential (ODP, catalytic) [kg R11-eq.]	1,94E-11	5,18E-12	1,62E-11	0,000	-2,06E-12	1,12E-13
Acidification Potential (AP) [kg SO2-eq.]	9,16E-03	1,16E-02	1,96E-03	0,000	-9,49E-03	5,11E-03
Eutrification Potential (EP) [kg $(PO4)^{3-}$ eq.]	1,27E-03	1,13E-03	2,19E-04	0,000	-8,90E-04	8,14E-04
Photochemical Oxidant Potential (POCP) [kg Ethene-eq.]	-8,04E-05	1,75E-03	1,38E-04	0,000	-1,46E-03	-5,12E-04
Abiotic Depletion Potential non-Fossil Resources (ADPE) [kg Sb-eq.]	4,11E-07	8,03E-08	2,96E-07	0,000	-1,63E-08	5,07E-08
Abiotic Depletion Potential Fossil Fuels (ADPF) [MJ]	3,18E+01	4,32E+01	1,06E+01	0,000	-3,54E+01	1,34E+01
Energy (net calorific value) [MJ]	3,92E+01	4,39E+01	1,74E+01	0,000	-3,55E+01	1,34E+01
Energy ren. (net calorafic value) [MJ]	1,23E+01	4,20E+00	9,46E+00	0,000	-1,42E+00	7,82E-02
Water consumption [kg]	1,20E+01	7,45E+00	9,10E+00	0,000	-4,66E+00	1,07E-01
Air pollution [m^3]	2,18E+02	5,96E+02	6,07E+01	0,000	-4,96E+02	5,61E+01
Water pollution [m^3]	4,50E-01	2,83E-01	2,63E-01	0,000	-1,72E-01	7,61E-02
Hazardous waste for disposal [kg]	2,67E-08	2,48E-08	1,50E-09	0,000	3,51E-10	4,72E-11
Disposed of non-hazardous waste [kg]	3,12E-02	6,47E-02	1,29E-02	0,000	-4,78E-02	1,36E-03
Disposed of radioactive waste [kg]	2,95E-03	2,66E-04	2,72E-03	0,000	-5,85E-05	2,15E-05

evaluated from CML 2001, August 2016

1.3.41 S-WXF-S-8x260 Z

IT- Number	Product name	Pcs. per Sales pack	Weight [kg]	Material
2363608	S-WXF-S-8x260 Z	50	2,782	Steel, Cardboard

Environmental impact category	Total	Raw material	Produc-tion	Use	End of life	Transpor-tation
Global Warming Potential (GWP 100 years) [kg CO2-eq.]	3,063	5,424	1,028	0,000	-4,467	1,079
Ozone Depletion Potential (ODP, catalytic) [kg R11-eq.]	2,10E-11	5,48E-12	1,76E-11	0,000	-2,21E-12	1,21E-13
Acidification Potential (AP) [kg SO2-eq.]	9,92E-03	1,26E-02	2,13E-03	0,000	-1,03E-02	5,54E-03
Eutrification Potential (EP) [kg $(PO4)^{3-}$ eq.]	1,37E-03	1,22E-03	2,38E-04	0,000	-9,67E-04	8,82E-04
Photochemical Oxidant Potential (POCP) [kg Ethene-eq.]	-8,67E-05	1,90E-03	1,50E-04	0,000	-1,58E-03	-5,55E-04
Abiotic Depletion Potential non-Fossil Resources (ADPE) [kg Sb-eq.]	4,43E-07	8,36E-08	3,22E-07	0,000	-1,74E-08	5,49E-08
Abiotic Depletion Potential Fossil Fuels (ADPF) [MJ]	3,44E+01	4,69E+01	1,15E+01	0,000	-3,84E+01	1,45E+01
Energy (net calorific value) [MJ]	4,25E+01	4,76E+01	1,89E+01	0,000	-3,86E+01	1,46E+01
Energy ren. (net calorafic value) [MJ]	1,32E+01	4,39E+00	1,03E+01	0,000	-1,53E+00	8,48E-02
Water consumption [kg]	1,29E+01	8,01E+00	9,88E+00	0,000	-5,07E+00	1,16E-01
Air pollution [m^3]	2,36E+02	6,48E+02	6,59E+01	0,000	-5,38E+02	6,08E+01
Water pollution [m^3]	4,83E-01	3,02E-01	2,85E-01	0,000	-1,86E-01	8,25E-02
Hazardous waste for disposal [kg]	2,68E-08	2,47E-08	1,63E-09	0,000	3,89E-10	5,11E-11
Disposed of non-hazardous waste [kg]	3,33E-02	7,01E-02	1,40E-02	0,000	-5,23E-02	1,47E-03
Disposed of radioactive waste [kg]	3,21E-03	2,87E-04	2,96E-03	0,000	-5,97E-05	2,33E-05

evaluated from CML 2001, August 2016

1.3.42 S-WXF-S-8x280 Z

IT- Number	Product name	Pcs. per Sales pack	Weight [kg]	Material
2363609	S-WXF-S-8x280 Z	50	3,037	Steel, Cardboard

Environmental impact category	Total	Raw material	Produc-tion	Use	End of life	Transpor-tation
Global Warming Potential (GWP 100 years) [kg CO2-eq.]	3,340	5,900	1,119	0,000	-4,857	1,178
Ozone Depletion Potential (ODP, catalytic) [kg R11-eq.]	2,30E-11	6,13E-12	1,92E-11	0,000	-2,43E-12	1,32E-13
Acidification Potential (AP) [kg SO2-eq.]	1,08E-02	1,37E-02	2,32E-03	0,000	-1,12E-02	6,05E-03
Eutrification Potential (EP) [kg $(PO4)^{3-}$ eq.]	1,50E-03	1,34E-03	2,59E-04	0,000	-1,05E-03	9,63E-04
Photochemical Oxidant Potential (POCP) [kg Ethene-eq.]	-9,51E-05	2,07E-03	1,63E-04	0,000	-1,72E-03	-6,06E-04
Abiotic Depletion Potential non-Fossil Resources (ADPE) [kg Sb-eq.]	4,86E-07	9,50E-08	3,51E-07	0,000	-1,93E-08	6,00E-08
Abiotic Depletion Potential Fossil Fuels (ADPF) [MJ]	3,76E+01	5,11E+01	1,25E+01	0,000	-4,19E+01	1,58E+01
Energy (net calorific value) [MJ]	4,64E+01	5,19E+01	2,06E+01	0,000	-4,21E+01	1,59E+01
Energy ren. (net calorafic value) [MJ]	1,46E+01	4,97E+00	1,12E+01	0,000	-1,68E+00	9,25E-02
Water consumption [kg]	1,42E+01	8,81E+00	1,08E+01	0,000	-5,51E+00	1,27E-01
Air pollution [m^3]	2,57E+02	7,06E+02	7,18E+01	0,000	-5,86E+02	6,64E+01
Water pollution [m^3]	5,32E-01	3,35E-01	3,11E-01	0,000	-2,03E-01	9,01E-02
Hazardous waste for disposal [kg]	3,15E-08	2,93E-08	1,78E-09	0,000	4,16E-10	5,58E-11
Disposed of non-hazardous waste [kg]	3,69E-02	7,66E-02	1,53E-02	0,000	-5,66E-02	1,61E-03
Disposed of radioactive waste [kg]	3,49E-03	3,15E-04	3,22E-03	0,000	-6,92E-05	2,54E-05

evaluated from CML 2001, August 2016

1.3.43 S-WXF-S-8x300 Z

IT- Number	Product name	Pcs. per Sales pack	Weight [kg]	Material
2363610	S-WXF-S-8x300 Z	50	3,197	Steel, Cardboard

Environmental impact category	Total	Raw material	Produc-tion	Use	End of life	Transpor-tation
Global Warming Potential (GWP 100 years) [kg CO2-eq.]	3,519	6,225	1,180	0,000	-5,126	1,240
Ozone Depletion Potential (ODP, catalytic) [kg R11-eq.]	2,41E-11	6,35E-12	2,02E-11	0,000	-2,55E-12	1,39E-13
Acidification Potential (AP) [kg SO2-eq.]	1,14E-02	1,44E-02	2,45E-03	0,000	-1,18E-02	6,37E-03
Eutrification Potential (EP) [kg $(PO4)^{3-}$ eq.]	1,58E-03	1,40E-03	2,74E-04	0,000	-1,11E-03	1,01E-03
Photochemical Oxidant Potential (POCP) [kg Ethene-eq.]	-9,98E-05	2,18E-03	1,72E-04	0,000	-1,82E-03	-6,38E-04
Abiotic Depletion Potential non-Fossil Resources (ADPE) [kg Sb-eq.]	5,10E-07	9,74E-08	3,70E-07	0,000	-2,01E-08	6,31E-08
Abiotic Depletion Potential Fossil Fuels (ADPF) [MJ]	3,96E+01	5,39E+01	1,32E+01	0,000	-4,41E+01	1,67E+01
Energy (net calorific value) [MJ]	4,88E+01	5,47E+01	2,17E+01	0,000	-4,43E+01	1,67E+01
Energy ren. (net calorafic value) [MJ]	1,53E+01	5,11E+00	1,18E+01	0,000	-1,76E+00	9,74E-02
Water consumption [kg]	1,49E+01	9,23E+00	1,13E+01	0,000	-5,82E+00	1,33E-01
Air pollution [m^3]	2,71E+02	7,44E+02	7,57E+01	0,000	-6,18E+02	6,99E+01
Water pollution [m^3]	5,57E-01	3,49E-01	3,28E-01	0,000	-2,14E-01	9,48E-02
Hazardous waste for disposal [kg]	3,16E-08	2,93E-08	1,87E-09	0,000	4,44E-10	5,88E-11
Disposed of non-hazardous waste [kg]	3,85E-02	8,05E-02	1,61E-02	0,000	-5,99E-02	1,69E-03
Disposed of radioactive waste [kg]	3,69E-03	3,30E-04	3,40E-03	0,000	-7,01E-05	2,67E-05

evaluated from CML 2001, August 2016

1.3.44 S-WXF-S-8x325 Z

IT- Number	Product name	Pcs. per Sales pack	Weight [kg]	Material
2363611	S-WXF-S-8x325 Z	50	3,471	Steel, Cardboard

Environmental impact category	Total	Raw material	Produc-tion	Use	End of life	Transpor-tation
Global Warming Potential (GWP 100 years) [kg CO2-eq.]	3,818	6,743	1,279	0,000	-5,550	1,346
Ozone Depletion Potential (ODP, catalytic) [kg R11-eq.]	2,63E-11	7,01E-12	2,19E-11	0,000	-2,78E-12	1,51E-13
Acidification Potential (AP) [kg SO2-eq.]	1,24E-02	1,56E-02	2,65E-03	0,000	-1,28E-02	6,91E-03
Eutrification Potential (EP) [kg $(PO4)^{3-}$ eq.]	1,72E-03	1,53E-03	2,96E-04	0,000	-1,20E-03	1,10E-03
Photochemical Oxidant Potential (POCP) [kg Ethene-eq.]	-1,09E-04	2,37E-03	1,87E-04	0,000	-1,97E-03	-6,92E-04
Abiotic Depletion Potential non-Fossil Resources (ADPE) [kg Sb-eq.]	5,56E-07	1,09E-07	4,01E-07	0,000	-2,21E-08	6,85E-08
Abiotic Depletion Potential Fossil Fuels (ADPF) [MJ]	4,30E+01	5,84E+01	1,43E+01	0,000	-4,79E+01	1,81E+01
Energy (net calorific value) [MJ]	5,30E+01	5,93E+01	2,36E+01	0,000	-4,81E+01	1,82E+01
Energy ren. (net calorafic value) [MJ]	1,67E+01	5,68E+00	1,28E+01	0,000	-1,92E+00	1,06E-01
Water consumption [kg]	1,62E+01	1,01E+01	1,23E+01	0,000	-6,29E+00	1,45E-01
Air pollution [m^3]	2,94E+02	8,06E+02	8,20E+01	0,000	-6,70E+02	7,59E+01
Water pollution [m^3]	6,08E-01	3,83E-01	3,55E-01	0,000	-2,33E-01	1,03E-01
Hazardous waste for disposal [kg]	3,61E-08	3,35E-08	2,03E-09	0,000	4,75E-10	6,38E-11
Disposed of non-hazardous waste [kg]	4,21E-02	8,75E-02	1,75E-02	0,000	-6,47E-02	1,84E-03
Disposed of radioactive waste [kg]	3,99E-03	3,60E-04	3,68E-03	0,000	-7,92E-05	2,90E-05

evaluated from CML 2001, August 2016

1.3.45 S-WXF-S-8x350 Z

IT- Number	Product name	Pcs. per Sales pack	Weight [kg]	Material
2363612	S-WXF-S-8x350 Z	50	3,711	Steel, Cardboard

Environmental impact category	Total	Raw material	Produc-tion	Use	End of life	Transpor-tation
Global Warming Potential (GWP 100 years) [kg CO2-eq.]	4,085	7,229	1,370	0,000	-5,954	1,439
Ozone Depletion Potential (ODP, catalytic) [kg R11-eq.]	2,80E-11	7,34E-12	2,34E-11	0,000	-2,96E-12	1,61E-13
Acidification Potential (AP) [kg SO2-eq.]	1,32E-02	1,67E-02	2,84E-03	0,000	-1,37E-02	7,39E-03
Eutrification Potential (EP) [kg $(PO4)^{3-}$ eq.]	1,83E-03	1,63E-03	3,18E-04	0,000	-1,29E-03	1,18E-03
Photochemical Oxidant Potential (POCP) [kg Ethene-eq.]	-1,16E-04	2,53E-03	2,00E-04	0,000	-2,11E-03	-7,40E-04
Abiotic Depletion Potential non-Fossil Resources (ADPE) [kg Sb-eq.]	5,92E-07	1,12E-07	4,29E-07	0,000	-2,33E-08	7,33E-08
Abiotic Depletion Potential Fossil Fuels (ADPF) [MJ]	4,59E+01	6,25E+01	1,53E+01	0,000	-5,12E+01	1,93E+01
Energy (net calorific value) [MJ]	5,67E+01	6,35E+01	2,52E+01	0,000	-5,14E+01	1,94E+01
Energy ren. (net calorafic value) [MJ]	1,77E+01	5,90E+00	1,37E+01	0,000	-2,04E+00	1,13E-01
Water consumption [kg]	1,73E+01	1,07E+01	1,32E+01	0,000	-6,76E+00	1,55E-01
Air pollution [m^3]	3,15E+02	8,64E+02	8,79E+01	0,000	-7,18E+02	8,11E+01
Water pollution [m^3]	6,46E-01	4,04E-01	3,80E-01	0,000	-2,49E-01	1,10E-01
Hazardous waste for disposal [kg]	3,63E-08	3,35E-08	2,18E-09	0,000	5,17E-10	6,82E-11
Disposed of non-hazardous waste [kg]	4,45E-02	9,35E-02	1,87E-02	0,000	-6,96E-02	1,97E-03
Disposed of radioactive waste [kg]	4,28E-03	3,83E-04	3,95E-03	0,000	-8,06E-05	3,10E-05

evaluated from CML 2001, August 2016

1.3.46 S-WXF-S-8x375 Z

IT- Number	Product name	Pcs. per Sales pack	Weight [kg]	Material
2363613	S-WXF-S-8x375 Z	50	3,986	Steel, Cardboard

Environmental impact category	Total	Raw material	Produc-tion	Use	End of life	Transpor-tation
Global Warming Potential (GWP 100 years) [kg CO2-eq.]	4,392	7,789	1,475	0,000	-6,417	1,545
Ozone Depletion Potential (ODP, catalytic) [kg R11-eq.]	3,00E-11	7,72E-12	2,52E-11	0,000	-3,16E-12	1,73E-13
Acidification Potential (AP) [kg SO2-eq.]	1,42E-02	1,80E-02	3,06E-03	0,000	-1,48E-02	7,94E-03
Eutrification Potential (EP) [kg $(PO4)^{3-}$ eq.]	1,97E-03	1,75E-03	3,42E-04	0,000	-1,39E-03	1,26E-03
Photochemical Oxidant Potential (POCP) [kg Ethene-eq.]	-1,24E-04	2,73E-03	2,15E-04	0,000	-2,27E-03	-7,95E-04
Abiotic Depletion Potential non-Fossil Resources (ADPE) [kg Sb-eq.]	6,33E-07	1,17E-07	4,62E-07	0,000	-2,47E-08	7,87E-08
Abiotic Depletion Potential Fossil Fuels (ADPF) [MJ]	4,94E+01	6,72E+01	1,65E+01	0,000	-5,51E+01	2,08E+01
Energy (net calorific value) [MJ]	6,10E+01	6,82E+01	2,72E+01	0,000	-5,53E+01	2,09E+01
Energy ren. (net calorafic value) [MJ]	1,88E+01	6,15E+00	1,48E+01	0,000	-2,18E+00	1,21E-01
Water consumption [kg]	1,85E+01	1,14E+01	1,42E+01	0,000	-7,30E+00	1,66E-01
Air pollution [m^3]	3,38E+02	9,29E+02	9,46E+01	0,000	-7,73E+02	8,71E+01
Water pollution [m^3]	6,89E-01	4,28E-01	4,09E-01	0,000	-2,67E-01	1,18E-01
Hazardous waste for disposal [kg]	3,64E-08	3,34E-08	2,34E-09	0,000	5,66E-10	7,33E-11
Disposed of non-hazardous waste [kg]	4,73E-02	1,00E-01	2,01E-02	0,000	-7,53E-02	2,11E-03
Disposed of radioactive waste [kg]	4,61E-03	4,09E-04	4,25E-03	0,000	-8,21E-05	3,33E-05

evaluated from CML 2001, August 2016

1.3.47 S-WXF-S-8x400 Z

IT- Number	Product name	Pcs. per Sales pack	Weight [kg]	Material
2363614	S-WXF-S-8x400 Z	50	4,298	Steel, Cardboard

Environmental impact category	Total	Raw material	Produc-tion	Use	End of life	Transpor-tation
Global Warming Potential (GWP 100 years) [kg CO2-eq.]	4,740	8,422	1,594	0,000	-6,943	1,666
Ozone Depletion Potential (ODP, catalytic) [kg R11-eq.]	3,22E-11	8,16E-12	2,73E-11	0,000	-3,38E-12	1,87E-13
Acidification Potential (AP) [kg SO2-eq.]	1,53E-02	1,94E-02	3,30E-03	0,000	-1,60E-02	8,56E-03
Eutrification Potential (EP) [kg $(PO4)^{3-}$ eq.]	2,12E-03	1,88E-03	3,69E-04	0,000	-1,50E-03	1,36E-03
Photochemical Oxidant Potential (POCP) [kg Ethene-eq.]	-1,33E-04	2,94E-03	2,33E-04	0,000	-2,45E-03	-8,57E-04
Abiotic Depletion Potential non-Fossil Resources (ADPE) [kg Sb-eq.]	6,80E-07	1,21E-07	5,00E-07	0,000	-2,62E-08	8,49E-08
Abiotic Depletion Potential Fossil Fuels (ADPF) [MJ]	5,32E+01	7,25E+01	1,78E+01	0,000	-5,95E+01	2,24E+01
Energy (net calorific value) [MJ]	6,58E+01	7,36E+01	2,94E+01	0,000	-5,97E+01	2,25E+01
Energy ren. (net calorafic value) [MJ]	2,02E+01	6,43E+00	1,59E+01	0,000	-2,34E+00	1,31E-01
Water consumption [kg]	1,98E+01	1,22E+01	1,53E+01	0,000	-7,91E+00	1,79E-01
Air pollution [m^3]	3,65E+02	1,00E+03	1,02E+02	0,000	-8,35E+02	9,39E+01
Water pollution [m^3]	7,38E-01	4,56E-01	4,42E-01	0,000	-2,88E-01	1,27E-01
Hazardous waste for disposal [kg]	3,66E-08	3,34E-08	2,53E-09	0,000	6,21E-10	7,90E-11
Disposed of non-hazardous waste [kg]	5,04E-02	1,08E-01	2,18E-02	0,000	-8,17E-02	2,28E-03
Disposed of radioactive waste [kg]	4,98E-03	4,38E-04	4,59E-03	0,000	-8,39E-05	3,60E-05

evaluated from CML 2001, August 2016

1.3.48 S-WXF-S-8x500 Z

IT- Number	Product name	Pcs. per Sales pack	Weight [kg]	Material
2372403	S-WXF-S-8x500 Z	25	5,348	Steel, Cardboard

Environmental impact category	Total	Raw material	Produc-tion	Use	End of life	Transpor-tation
Global Warming Potential (GWP 100 years) [kg CO2-eq.]	5,902	10,502	1,986	0,000	-8,660	2,074
Ozone Depletion Potential (ODP, catalytic) [kg R11-eq.]	4,00E-11	9,99E-12	3,40E-11	0,000	-4,19E-12	2,32E-13
Acidification Potential (AP) [kg SO2-eq.]	1,91E-02	2,42E-02	4,12E-03	0,000	-1,99E-02	1,06E-02
Eutrification Potential (EP) [kg $(PO4)^{3-}$ eq.]	2,63E-03	2,34E-03	4,60E-04	0,000	-1,87E-03	1,70E-03
Photochemical Oxidant Potential (POCP) [kg Ethene-eq.]	-1,65E-04	3,67E-03	2,90E-04	0,000	-3,06E-03	-1,07E-03
Abiotic Depletion Potential non-Fossil Resources (ADPE) [kg Sb-eq.]	8,43E-07	1,47E-07	6,23E-07	0,000	-3,22E-08	1,06E-07
Abiotic Depletion Potential Fossil Fuels (ADPF) [MJ]	6,63E+01	9,03E+01	2,22E+01	0,000	-7,41E+01	2,79E+01
Energy (net calorific value) [MJ]	8,19E+01	9,16E+01	3,66E+01	0,000	-7,43E+01	2,80E+01
Energy ren. (net calorafic value) [MJ]	2,50E+01	7,82E+00	1,99E+01	0,000	-2,90E+00	1,63E-01
Water consumption [kg]	2,46E+01	1,51E+01	1,91E+01	0,000	-9,87E+00	2,23E-01
Air pollution [m^3]	4,54E+02	1,25E+03	1,27E+02	0,000	-1,04E+03	1,17E+02
Water pollution [m^3]	9,13E-01	5,62E-01	5,51E-01	0,000	-3,59E-01	1,59E-01
Hazardous waste for disposal [kg]	4,31E-08	3,91E-08	3,15E-09	0,000	7,82E-10	9,83E-11
Disposed of non-hazardous waste [kg]	6,22E-02	1,34E-01	2,71E-02	0,000	-1,02E-01	2,84E-03
Disposed of radioactive waste [kg]	6,21E-03	5,43E-04	5,72E-03	0,000	-1,00E-04	4,47E-05

evaluated from CML 2001, August 2016

1.3.49 S-WXF-H-10x200 Z

IT- Number	Product name	Pcs. per Sales pack	Weight [kg]	Material
2363615	S-WXF-H-10x200 Z	50	3,184	Steel, Cardboard

Environmental impact category	Total	Raw material	Produc-tion	Use	End of life	Transpor-tation
Global Warming Potential (GWP 100 years) [kg CO2-eq.]	3,512	6,240	1,181	0,000	-5,144	1,235
Ozone Depletion Potential (ODP, catalytic) [kg R11-eq.]	2,39E-11	6,04E-12	2,02E-11	0,000	-2,50E-12	1,38E-13
Acidification Potential (AP) [kg SO2-eq.]	1,14E-02	1,44E-02	2,45E-03	0,000	-1,18E-02	6,34E-03
Eutrification Potential (EP) [kg $(PO4)^{3-}$ eq.]	1,57E-03	1,40E-03	2,74E-04	0,000	-1,11E-03	1,01E-03
Photochemical Oxidant Potential (POCP) [kg Ethene-eq.]	-9,85E-05	2,18E-03	1,72E-04	0,000	-1,82E-03	-6,35E-04
Abiotic Depletion Potential non-Fossil Resources (ADPE) [kg Sb-eq.]	5,03E-07	8,98E-08	3,70E-07	0,000	-1,94E-08	6,29E-08
Abiotic Depletion Potential Fossil Fuels (ADPF) [MJ]	3,94E+01	5,37E+01	1,32E+01	0,000	-4,41E+01	1,66E+01
Energy (net calorific value) [MJ]	4,87E+01	5,45E+01	2,18E+01	0,000	-4,42E+01	1,67E+01
Energy ren. (net calorafic value) [MJ]	1,49E+01	4,76E+00	1,18E+01	0,000	-1,73E+00	9,70E-02
Water consumption [kg]	1,47E+01	9,06E+00	1,14E+01	0,000	-5,86E+00	1,33E-01
Air pollution [m^3]	2,70E+02	7,43E+02	7,57E+01	0,000	-6,18E+02	6,96E+01
Water pollution [m^3]	5,46E-01	3,38E-01	3,28E-01	0,000	-2,14E-01	9,44E-02
Hazardous waste for disposal [kg]	2,71E-08	2,47E-08	1,88E-09	0,000	4,60E-10	5,85E-11
Disposed of non-hazardous waste [kg]	3,73E-02	8,01E-02	1,61E-02	0,000	-6,05E-02	1,69E-03
Disposed of radioactive waste [kg]	3,69E-03	3,25E-04	3,40E-03	0,000	-6,20E-05	2,66E-05

evaluated from CML 2001, August 2016

1.3.50 S-WXF-H-10x240 Z

IT- Number	Product name	Pcs. per Sales pack	Weight [kg]	Material
2363616	S-WXF-H-10x240 Z	50	3,778	Steel, Cardboard

Environmental impact category	Total	Raw material	Produc-tion	Use	End of life	Transpor-tation
Global Warming Potential (GWP 100 years) [kg CO2-eq.]	4,174	7,446	1,407	0,000	-6,144	1,465
Ozone Depletion Potential (ODP, catalytic) [kg R11-eq.]	2,82E-11	6,86E-12	2,41E-11	0,000	-2,93E-12	1,64E-13
Acidification Potential (AP) [kg SO2-eq.]	1,35E-02	1,71E-02	2,92E-03	0,000	-1,41E-02	7,52E-03
Eutrification Potential (EP) [kg $(PO4)^{3-}$ eq.]	1,85E-03	1,65E-03	3,26E-04	0,000	-1,32E-03	1,20E-03
Photochemical Oxidant Potential (POCP) [kg Ethene-eq.]	-1,16E-04	2,60E-03	2,05E-04	0,000	-2,16E-03	-7,54E-04
Abiotic Depletion Potential non-Fossil Resources (ADPE) [kg Sb-eq.]	5,92E-07	9,90E-08	4,41E-07	0,000	-2,23E-08	7,46E-08
Abiotic Depletion Potential Fossil Fuels (ADPF) [MJ]	4,68E+01	6,38E+01	1,57E+01	0,000	-5,24E+01	1,97E+01
Energy (net calorific value) [MJ]	5,79E+01	6,48E+01	2,59E+01	0,000	-5,26E+01	1,98E+01
Energy ren. (net calorafic value) [MJ]	1,75E+01	5,30E+00	1,41E+01	0,000	-2,03E+00	1,15E-01
Water consumption [kg]	1,73E+01	1,06E+01	1,35E+01	0,000	-7,01E+00	1,58E-01
Air pollution [m^3]	3,21E+02	8,85E+02	9,03E+01	0,000	-7,37E+02	8,26E+01
Water pollution [m^3]	6,39E-01	3,90E-01	3,91E-01	0,000	-2,54E-01	1,12E-01
Hazardous waste for disposal [kg]	2,74E-08	2,46E-08	2,23E-09	0,000	5,65E-10	6,95E-11
Disposed of non-hazardous waste [kg]	4,33E-02	9,49E-02	1,92E-02	0,000	-7,28E-02	2,00E-03
Disposed of radioactive waste [kg]	4,40E-03	3,81E-04	4,05E-03	0,000	-6,54E-05	3,16E-05

evaluated from CML 2001, August 2016

1.3.51 S-WXF-H-10x260 Z

IT- Number	Product name	Pcs. per Sales pack	Weight [kg]	Material
2363617	S-WXF-H-10x260 Z	50	4,090	Steel, Cardboard

Environmental impact category	Total	Raw material	Produc-tion	Use	End of life	Transpor-tation
Global Warming Potential (GWP 100 years) [kg CO2-eq.]	4,515	8,039	1,520	0,000	-6,629	1,586
Ozone Depletion Potential (ODP, catalytic) [kg R11-eq.]	3,06E-11	7,59E-12	2,60E-11	0,000	-3,20E-12	1,78E-13
Acidification Potential (AP) [kg SO2-eq.]	1,46E-02	1,85E-02	3,15E-03	0,000	-1,52E-02	8,14E-03
Eutrification Potential (EP) [kg $(PO4)^{3-}$ eq.]	2,01E-03	1,79E-03	3,52E-04	0,000	-1,43E-03	1,30E-03
Photochemical Oxidant Potential (POCP) [kg Ethene-eq.]	-1,26E-04	2,81E-03	2,22E-04	0,000	-2,34E-03	-8,16E-04
Abiotic Depletion Potential non-Fossil Resources (ADPE) [kg Sb-eq.]	6,44E-07	1,11E-07	4,76E-07	0,000	-2,45E-08	8,08E-08
Abiotic Depletion Potential Fossil Fuels (ADPF) [MJ]	5,07E+01	6,90E+01	1,70E+01	0,000	-5,67E+01	2,13E+01
Energy (net calorific value) [MJ]	6,26E+01	7,01E+01	2,80E+01	0,000	-5,69E+01	2,14E+01
Energy ren. (net calorafic value) [MJ]	1,90E+01	5,93E+00	1,52E+01	0,000	-2,21E+00	1,25E-01
Water consumption [kg]	1,88E+01	1,16E+01	1,46E+01	0,000	-7,56E+00	1,71E-01
Air pollution [m^3]	3,48E+02	9,57E+02	9,75E+01	0,000	-7,96E+02	8,94E+01
Water pollution [m^3]	6,97E-01	4,28E-01	4,22E-01	0,000	-2,74E-01	1,21E-01
Hazardous waste for disposal [kg]	3,22E-08	2,91E-08	2,41E-09	0,000	6,01E-10	7,52E-11
Disposed of non-hazardous waste [kg]	4,74E-02	1,03E-01	2,08E-02	0,000	-7,83E-02	2,17E-03
Disposed of radioactive waste [kg]	4,75E-03	4,15E-04	4,38E-03	0,000	-7,52E-05	3,42E-05

evaluated from CML 2001, August 2016

1.3.52 S-WXF-H-10x280 Z

IT- Number	Product name	Pcs. per Sales pack	Weight [kg]	Material
2363618	S-WXF-H-10x280 Z	50	4,387	Steel, Cardboard

Environmental impact category	Total	Raw material	Produc-tion	Use	End of life	Transpor-tation
Global Warming Potential (GWP 100 years) [kg CO2-eq.]	4,846	8,642	1,633	0,000	-7,129	1,701
Ozone Depletion Potential (ODP, catalytic) [kg R11-eq.]	3,27E-11	8,00E-12	2,79E-11	0,000	-3,41E-12	1,91E-13
Acidification Potential (AP) [kg SO2-eq.]	1,56E-02	1,99E-02	3,38E-03	0,000	-1,64E-02	8,73E-03
Eutrification Potential (EP) [kg $(PO4)^{3-}$ eq.]	2,15E-03	1,92E-03	3,78E-04	0,000	-1,54E-03	1,39E-03
Photochemical Oxidant Potential (POCP) [kg Ethene-eq.]	-1,35E-04	3,01E-03	2,38E-04	0,000	-2,51E-03	-8,75E-04
Abiotic Depletion Potential non-Fossil Resources (ADPE) [kg Sb-eq.]	6,88E-07	1,16E-07	5,12E-07	0,000	-2,60E-08	8,66E-08
Abiotic Depletion Potential Fossil Fuels (ADPF) [MJ]	5,44E+01	7,41E+01	1,82E+01	0,000	-6,08E+01	2,29E+01
Energy (net calorific value) [MJ]	6,72E+01	7,52E+01	3,01E+01	0,000	-6,10E+01	2,30E+01
Energy ren. (net calorafic value) [MJ]	2,03E+01	6,20E+00	1,63E+01	0,000	-2,36E+00	1,34E-01
Water consumption [kg]	2,01E+01	1,23E+01	1,57E+01	0,000	-8,14E+00	1,83E-01
Air pollution [m^3]	3,73E+02	1,03E+03	1,05E+02	0,000	-8,55E+02	9,59E+01
Water pollution [m^3]	7,43E-01	4,54E-01	4,53E-01	0,000	-2,94E-01	1,30E-01
Hazardous waste for disposal [kg]	3,24E-08	2,91E-08	2,59E-09	0,000	6,54E-10	8,06E-11
Disposed of non-hazardous waste [kg]	5,04E-02	1,10E-01	2,23E-02	0,000	-8,44E-02	2,33E-03
Disposed of radioactive waste [kg]	5,11E-03	4,43E-04	4,70E-03	0,000	-7,69E-05	3,67E-05

evaluated from CML 2001, August 2016

1.3.53 S-WXF-H-10x300 Z

IT- Number	Product name	Pcs. per Sales pack	Weight [kg]	Material
2363619	S-WXF-H-10x300 Z	50	4,684	Steel, Cardboard

Environmental impact category	Total	Raw material	Produc-tion	Use	End of life	Transpor-tation
Global Warming Potential (GWP 100 years) [kg CO2-eq.]	5,178	9,245	1,746	0,000	-7,629	1,816
Ozone Depletion Potential (ODP, catalytic) [kg R11-eq.]	3,49E-11	8,41E-12	2,99E-11	0,000	-3,63E-12	2,03E-13
Acidification Potential (AP) [kg SO2-eq.]	1,67E-02	2,13E-02	3,62E-03	0,000	-1,75E-02	9,33E-03
Eutrification Potential (EP) [kg $(PO4)^{3-}$ eq.]	2,29E-03	2,05E-03	4,05E-04	0,000	-1,64E-03	1,48E-03
Photochemical Oxidant Potential (POCP) [kg Ethene-eq.]	-1,43E-04	3,22E-03	2,55E-04	0,000	-2,69E-03	-9,35E-04
Abiotic Depletion Potential non-Fossil Resources (ADPE) [kg Sb-eq.]	7,33E-07	1,20E-07	5,47E-07	0,000	-2,75E-08	9,25E-08
Abiotic Depletion Potential Fossil Fuels (ADPF) [MJ]	5,81E+01	7,92E+01	1,95E+01	0,000	-6,50E+01	2,44E+01
Energy (net calorific value) [MJ]	7,18E+01	8,03E+01	3,22E+01	0,000	-6,52E+01	2,45E+01
Energy ren. (net calorafic value) [MJ]	2,16E+01	6,47E+00	1,75E+01	0,000	-2,52E+00	1,43E-01
Water consumption [kg]	2,14E+01	1,31E+01	1,68E+01	0,000	-8,72E+00	1,96E-01
Air pollution [m^3]	3,98E+02	1,10E+03	1,12E+02	0,000	-9,14E+02	1,02E+02
Water pollution [m^3]	7,90E-01	4,81E-01	4,85E-01	0,000	-3,14E-01	1,39E-01
Hazardous waste for disposal [kg]	3,26E-08	2,90E-08	2,77E-09	0,000	7,06E-10	8,61E-11
Disposed of non-hazardous waste [kg]	5,34E-02	1,18E-01	2,38E-02	0,000	-9,05E-02	2,48E-03
Disposed of radioactive waste [kg]	5,46E-03	4,71E-04	5,03E-03	0,000	-7,86E-05	3,92E-05

evaluated from CML 2001, August 2016

1.3.54 S-WXF-H-10x325 Z

IT- Number	Product name	Pcs. per Sales pack	Weight [kg]	Material
2363510	S-WXF-H-10x325 Z	50	4,992	Steel, Cardboard

Environmental impact category	Total	Raw material	Produc-tion	Use	End of life	Transpor-tation
Global Warming Potential (GWP 100 years) [kg CO2-eq.]	5,514	9,832	1,858	0,000	-8,111	1,935
Ozone Depletion Potential (ODP, catalytic) [kg R11-eq.]	3,72E-11	9,11E-12	3,18E-11	0,000	-3,88E-12	2,17E-13
Acidification Potential (AP) [kg SO2-eq.]	1,78E-02	2,26E-02	3,85E-03	0,000	-1,86E-02	9,94E-03
Eutrification Potential (EP) [kg $(PO4)^{3-}$ eq.]	2,45E-03	2,18E-03	4,31E-04	0,000	-1,75E-03	1,58E-03
Photochemical Oxidant Potential (POCP) [kg Ethene-eq.]	-1,53E-04	3,43E-03	2,71E-04	0,000	-2,86E-03	-9,96E-04
Abiotic Depletion Potential non-Fossil Resources (ADPE) [kg Sb-eq.]	7,83E-07	1,32E-07	5,82E-07	0,000	-2,96E-08	9,86E-08
Abiotic Depletion Potential Fossil Fuels (ADPF) [MJ]	6,19E+01	8,43E+01	2,08E+01	0,000	-6,92E+01	2,60E+01
Energy (net calorific value) [MJ]	7,65E+01	8,56E+01	3,42E+01	0,000	-6,94E+01	2,61E+01
Energy ren. (net calorafic value) [MJ]	2,31E+01	7,06E+00	1,86E+01	0,000	-2,69E+00	1,52E-01
Water consumption [kg]	2,29E+01	1,40E+01	1,79E+01	0,000	-9,26E+00	2,08E-01
Air pollution [m^3]	4,24E+02	1,17E+03	1,19E+02	0,000	-9,73E+02	1,09E+02
Water pollution [m^3]	8,46E-01	5,18E-01	5,16E-01	0,000	-3,35E-01	1,48E-01
Hazardous waste for disposal [kg]	3,71E-08	3,33E-08	2,95E-09	0,000	7,43E-10	9,18E-11
Disposed of non-hazardous waste [kg]	5,74E-02	1,25E-01	2,54E-02	0,000	-9,60E-02	2,65E-03
Disposed of radioactive waste [kg]	5,81E-03	5,04E-04	5,35E-03	0,000	-8,78E-05	4,18E-05

evaluated from CML 2001, August 2016

1.3.55 S-WXF-H-10x350 Z

IT- Number	Product name	Pcs. per Sales pack	Weight [kg]	Material
2363511	S-WXF-H-10x350 Z	50	5,411	Steel, Cardboard

Environmental impact category	Total	Raw material	Produc-tion	Use	End of life	Transpor-tation
Global Warming Potential (GWP 100 years) [kg CO2-eq.]	5,982	10,683	2,018	0,000	-8,816	2,098
Ozone Depletion Potential (ODP, catalytic) [kg R11-eq.]	4,03E-11	9,69E-12	3,45E-11	0,000	-4,19E-12	2,35E-13
Acidification Potential (AP) [kg SO2-eq.]	1,93E-02	2,46E-02	4,18E-03	0,000	-2,02E-02	1,08E-02
Eutrification Potential (EP) [kg $(PO4)^{3-}$ eq.]	2,65E-03	2,36E-03	4,68E-04	0,000	-1,90E-03	1,72E-03
Photochemical Oxidant Potential (POCP) [kg Ethene-eq.]	-1,66E-04	3,72E-03	2,95E-04	0,000	-3,10E-03	-1,08E-03
Abiotic Depletion Potential non-Fossil Resources (ADPE) [kg Sb-eq.]	8,46E-07	1,39E-07	6,32E-07	0,000	-3,17E-08	1,07E-07
Abiotic Depletion Potential Fossil Fuels (ADPF) [MJ]	6,71E+01	9,15E+01	2,25E+01	0,000	-7,51E+01	2,82E+01
Energy (net calorific value) [MJ]	8,30E+01	9,28E+01	3,72E+01	0,000	-7,53E+01	2,83E+01
Energy ren. (net calorafic value) [MJ]	2,49E+01	7,45E+00	2,02E+01	0,000	-2,90E+00	1,65E-01
Water consumption [kg]	2,47E+01	1,51E+01	1,94E+01	0,000	-1,01E+01	2,26E-01
Air pollution [m^3]	4,60E+02	1,27E+03	1,29E+02	0,000	-1,06E+03	1,18E+02
Water pollution [m^3]	9,12E-01	5,55E-01	5,60E-01	0,000	-3,63E-01	1,60E-01
Hazardous waste for disposal [kg]	3,73E-08	3,32E-08	3,20E-09	0,000	8,17E-10	9,95E-11
Disposed of non-hazardous waste [kg]	6,16E-02	1,36E-01	2,76E-02	0,000	-1,05E-01	2,87E-03
Disposed of radioactive waste [kg]	6,31E-03	5,44E-04	5,81E-03	0,000	-9,02E-05	4,53E-05

evaluated from CML 2001, August 2016

1.3.56 S-WXF-H-10x375 Z

IT- Number	Product name	Pcs. per Sales pack	Weight [kg]	Material
2363512	S-WXF-H-10x375 Z	50	5,816	Steel, Cardboard

Environmental impact category	Total	Raw material	Produc-tion	Use	End of life	Transpor-tation
Global Warming Potential (GWP 100 years) [kg CO2-eq.]	6,434	11,505	2,172	0,000	-9,498	2,255
Ozone Depletion Potential (ODP, catalytic) [kg R11-eq.]	4,32E-11	1,03E-11	3,72E-11	0,000	-4,48E-12	2,53E-13
Acidification Potential (AP) [kg SO2-eq.]	2,07E-02	2,64E-02	4,50E-03	0,000	-2,18E-02	1,16E-02
Eutrification Potential (EP) [kg $(PO4)^{3-}$ eq.]	2,84E-03	2,54E-03	5,03E-04	0,000	-2,04E-03	1,84E-03
Photochemical Oxidant Potential (POCP) [kg Ethene-eq.]	-1,78E-04	4,01E-03	3,17E-04	0,000	-3,34E-03	-1,16E-03
Abiotic Depletion Potential non-Fossil Resources (ADPE) [kg Sb-eq.]	9,07E-07	1,45E-07	6,81E-07	0,000	-3,37E-08	1,15E-07
Abiotic Depletion Potential Fossil Fuels (ADPF) [MJ]	7,21E+01	9,83E+01	2,43E+01	0,000	-8,08E+01	3,03E+01
Energy (net calorific value) [MJ]	8,92E+01	9,98E+01	4,00E+01	0,000	-8,10E+01	3,04E+01
Energy ren. (net calorafic value) [MJ]	2,66E+01	7,81E+00	2,17E+01	0,000	-3,11E+00	1,77E-01
Water consumption [kg]	2,64E+01	1,62E+01	2,09E+01	0,000	-1,09E+01	2,43E-01
Air pollution [m^3]	4,95E+02	1,37E+03	1,39E+02	0,000	-1,14E+03	1,27E+02
Water pollution [m^3]	9,75E-01	5,91E-01	6,03E-01	0,000	-3,91E-01	1,72E-01
Hazardous waste for disposal [kg]	3,76E-08	3,31E-08	3,45E-09	0,000	8,88E-10	1,07E-10
Disposed of non-hazardous waste [kg]	6,56E-02	1,46E-01	2,97E-02	0,000	-1,13E-01	3,08E-03
Disposed of radioactive waste [kg]	6,79E-03	5,82E-04	6,25E-03	0,000	-9,25E-05	4,86E-05

evaluated from CML 2001, August 2016

1.3.57 S-WXF-H-10x400 Z

IT- Number	Product name	Pcs. per Sales pack	Weight [kg]	Material
2363513	S-WXF-H-10x400 Z	50	6,524	Steel, Cardboard

Environmental impact category	Total	Raw material	Produc-tion	Use	End of life	Transpor-tation
Global Warming Potential (GWP 100 years) [kg CO2-eq.]	7,223	12,943	2,441	0,000	-10,690	2,529
Ozone Depletion Potential (ODP, catalytic) [kg R11-eq.]	4,83E-11	1,12E-11	4,18E-11	0,000	-4,99E-12	2,83E-13
Acidification Potential (AP) [kg SO2-eq.]	2,33E-02	2,97E-02	5,06E-03	0,000	-2,45E-02	1,30E-02
Eutrification Potential (EP) [kg $(PO4)^{3-}$ eq.]	3,18E-03	2,85E-03	5,66E-04	0,000	-2,30E-03	2,07E-03
Photochemical Oxidant Potential (POCP) [kg Ethene-eq.]	-1,98E-04	4,50E-03	3,56E-04	0,000	-3,76E-03	-1,30E-03
Abiotic Depletion Potential non-Fossil Resources (ADPE) [kg Sb-eq.]	1,01E-06	1,56E-07	7,65E-07	0,000	-3,72E-08	1,29E-07
Abiotic Depletion Potential Fossil Fuels (ADPF) [MJ]	8,09E+01	1,10E+02	2,73E+01	0,000	-9,07E+01	3,40E+01
Energy (net calorific value) [MJ]	1,00E+02	1,12E+02	4,50E+01	0,000	-9,10E+01	3,41E+01
Energy ren. (net calorafic value) [MJ]	2,96E+01	8,46E+00	2,44E+01	0,000	-3,47E+00	1,99E-01
Water consumption [kg]	2,95E+01	1,80E+01	2,35E+01	0,000	-1,22E+01	2,72E-01
Air pollution [m^3]	5,56E+02	1,53E+03	1,57E+02	0,000	-1,28E+03	1,43E+02
Water pollution [m^3]	1,09E+00	6,53E-01	6,78E-01	0,000	-4,38E-01	1,93E-01
Hazardous waste for disposal [kg]	3,80E-08	3,30E-08	3,88E-09	0,000	1,01E-09	1,20E-10
Disposed of non-hazardous waste [kg]	7,27E-02	1,63E-01	3,33E-02	0,000	-1,28E-01	3,46E-03
Disposed of radioactive waste [kg]	7,64E-03	6,49E-04	7,03E-03	0,000	-9,65E-05	5,46E-05

evaluated from CML 2001, August 2016

1.3.58 S-WXF-H-10x450 Z

IT- Number	Product name	Pcs. per Sales pack	Weight [kg]	Material
2363514	S-WXF-H-10x450 Z	25	3,749	Steel, Cardboard

Environmental impact category	Total	Raw material	Produc-tion	Use	End of life	Transpor-tation
Global Warming Potential (GWP 100 years) [kg CO2-eq.]	4,127	7,307	1,385	0,000	-6,018	1,453
Ozone Depletion Potential (ODP, catalytic) [kg R11-eq.]	2,83E-11	7,40E-12	2,37E-11	0,000	-2,98E-12	1,63E-13
Acidification Potential (AP) [kg SO2-eq.]	1,34E-02	1,69E-02	2,87E-03	0,000	-1,39E-02	7,46E-03
Eutrification Potential (EP) [kg $(PO4)^{3-}$ eq.]	1,85E-03	1,65E-03	3,21E-04	0,000	-1,30E-03	1,19E-03
Photochemical Oxidant Potential (POCP) [kg Ethene-eq.]	-1,17E-04	2,56E-03	2,02E-04	0,000	-2,13E-03	-7,48E-04
Abiotic Depletion Potential non-Fossil Resources (ADPE) [kg Sb-eq.]	5,97E-07	1,13E-07	4,34E-07	0,000	-2,35E-08	7,40E-08
Abiotic Depletion Potential Fossil Fuels (ADPF) [MJ]	4,64E+01	6,32E+01	1,55E+01	0,000	-5,18E+01	1,95E+01
Energy (net calorific value) [MJ]	5,73E+01	6,41E+01	2,55E+01	0,000	-5,20E+01	1,96E+01
Energy ren. (net calorafic value) [MJ]	1,78E+01	5,93E+00	1,38E+01	0,000	-2,06E+00	1,14E-01
Water consumption [kg]	1,74E+01	1,08E+01	1,33E+01	0,000	-6,84E+00	1,56E-01
Air pollution [m^3]	3,18E+02	8,73E+02	8,88E+01	0,000	-7,25E+02	8,19E+01
Water pollution [m^3]	6,52E-01	4,07E-01	3,84E-01	0,000	-2,51E-01	1,11E-01
Hazardous waste for disposal [kg]	3,63E-08	3,35E-08	2,20E-09	0,000	5,24E-10	6,89E-11
Disposed of non-hazardous waste [kg]	4,49E-02	9,44E-02	1,89E-02	0,000	-7,04E-02	1,99E-03
Disposed of radioactive waste [kg]	4,32E-03	3,86E-04	3,99E-03	0,000	-8,08E-05	3,14E-05

evaluated from CML 2001, August 2016

1.3.59 S-WXF-H-10x500 Z

IT- Number	Product name	Pcs. per Sales pack	Weight [kg]	Material
2363515	S-WXF-H-10x500 Z	25	4,180	Steel, Cardboard

Environmental impact category	Total	Raw material	Produc-tion	Use	End of life	Transpor-tation
Global Warming Potential (GWP 100 years) [kg CO2-eq.]	4,599	8,131	1,542	0,000	-6,694	1,621
Ozone Depletion Potential (ODP, catalytic) [kg R11-eq.]	3,16E-11	8,37E-12	2,64E-11	0,000	-3,34E-12	1,82E-13
Acidification Potential (AP) [kg SO2-eq.]	1,49E-02	1,89E-02	3,19E-03	0,000	-1,55E-02	8,32E-03
Eutrification Potential (EP) [kg $(PO4)^{3-}$ eq.]	2,07E-03	1,84E-03	3,57E-04	0,000	-1,45E-03	1,33E-03
Photochemical Oxidant Potential (POCP) [kg Ethene-eq.]	-1,31E-04	2,85E-03	2,25E-04	0,000	-2,37E-03	-8,34E-04
Abiotic Depletion Potential non-Fossil Resources (ADPE) [kg Sb-eq.]	6,68E-07	1,29E-07	4,83E-07	0,000	-2,65E-08	8,25E-08
Abiotic Depletion Potential Fossil Fuels (ADPF) [MJ]	5,17E+01	7,04E+01	1,72E+01	0,000	-5,77E+01	2,18E+01
Energy (net calorific value) [MJ]	6,39E+01	7,15E+01	2,84E+01	0,000	-5,79E+01	2,19E+01
Energy ren. (net calorafic value) [MJ]	2,00E+01	6,76E+00	1,54E+01	0,000	-2,30E+00	1,27E-01
Water consumption [kg]	1,95E+01	1,21E+01	1,48E+01	0,000	-7,60E+00	1,75E-01
Air pollution [m^3]	3,54E+02	9,72E+02	9,89E+01	0,000	-8,08E+02	9,14E+01
Water pollution [m^3]	7,30E-01	4,59E-01	4,28E-01	0,000	-2,80E-01	1,24E-01
Hazardous waste for disposal [kg]	4,24E-08	3,92E-08	2,45E-09	0,000	5,76E-10	7,68E-11
Disposed of non-hazardous waste [kg]	5,05E-02	1,05E-01	2,11E-02	0,000	-7,81E-02	2,22E-03
Disposed of radioactive waste [kg]	4,81E-03	4,33E-04	4,44E-03	0,000	-9,34E-05	3,50E-05

evaluated from CML 2001, August 2016

1.3.60 S-WWP-S-6x60/40 Z

IT- Number	Product name	Pcs. per Sales pack	Weight [kg]	Material
2363516	S-WWP-S-6x60/40 Z	100	0,883	Steel, Cardboard

Environmental impact category	Total	Raw material	Produc-tion	Use	End of life	Transpor-tation
Global Warming Potential (GWP 100 years) [kg CO2-eq.]	0,969	1,702	0,324	0,000	-1,399	0,342
Ozone Depletion Potential (ODP, catalytic) [kg R11-eq.]	6,73E-12	1,88E-12	5,54E-12	0,000	-7,20E-13	3,84E-14
Acidification Potential (AP) [kg SO2-eq.]	3,15E-03	3,97E-03	6,71E-04	0,000	-3,25E-03	1,76E-03
Eutrification Potential (EP) [kg $(PO4)^{3-}$ eq.]	4,40E-04	3,89E-04	7,50E-05	0,000	-3,05E-04	2,80E-04
Photochemical Oxidant Potential (POCP) [kg Ethene-eq.]	-2,80E-05	5,99E-04	4,72E-05	0,000	-4,98E-04	-1,76E-04
Abiotic Depletion Potential non-Fossil Resources (ADPE) [kg Sb-eq.]	1,43E-07	3,00E-08	1,01E-07	0,000	-5,83E-09	1,74E-08
Abiotic Depletion Potential Fossil Fuels (ADPF) [MJ]	1,09E+01	1,48E+01	3,62E+00	0,000	-1,21E+01	4,60E+00
Energy (net calorific value) [MJ]	1,35E+01	1,51E+01	5,96E+00	0,000	-1,22E+01	4,62E+00
Energy ren. (net calorafic value) [MJ]	4,32E+00	1,55E+00	3,24E+00	0,000	-4,94E-01	2,69E-02
Water consumption [kg]	4,17E+00	2,61E+00	3,11E+00	0,000	-1,58E+00	3,69E-02
Air pollution [m^3]	7,47E+01	2,04E+02	2,08E+01	0,000	-1,70E+02	1,93E+01
Water pollution [m^3]	1,58E-01	1,01E-01	8,98E-02	0,000	-5,91E-02	2,62E-02
Hazardous waste for disposal [kg]	1,06E-08	9,99E-09	5,14E-10	0,000	1,15E-10	1,62E-11
Disposed of non-hazardous waste [kg]	1,10E-02	2,23E-02	4,42E-03	0,000	-1,62E-02	4,68E-04
Disposed of radioactive waste [kg]	1,01E-03	9,29E-05	9,32E-04	0,000	-2,27E-05	7,39E-06

evaluated from CML 2001, August 2016

1.3.61 S-WWP-S-6x80/50 Z

IT- Number	Product name	Pcs. per Sales pack	Weight [kg]	Material
2363517	S-WWP-S-6x80/50 Z	100	1,151	Steel, Cardboard

Environmental impact category	Total	Raw material	Produc-tion	Use	End of life	Transpor-tation
Global Warming Potential (GWP 100 years) [kg CO2-eq.]	1,266	2,236	0,424	0,000	-1,840	0,446
Ozone Depletion Potential (ODP, catalytic) [kg R11-eq.]	8,71E-12	2,33E-12	7,26E-12	0,000	-9,23E-13	5,00E-14
Acidification Potential (AP) [kg SO2-eq.]	4,11E-03	5,19E-03	8,79E-04	0,000	-4,25E-03	2,29E-03
Eutrification Potential (EP) [kg $(PO4)^{3-}$ eq.]	5,70E-04	5,06E-04	9,83E-05	0,000	-3,99E-04	3,65E-04
Photochemical Oxidant Potential (POCP) [kg Ethene-eq.]	-3,61E-05	7,84E-04	6,19E-05	0,000	-6,53E-04	-2,30E-04
Abiotic Depletion Potential non-Fossil Resources (ADPE) [kg Sb-eq.]	1,84E-07	3,61E-08	1,33E-07	0,000	-7,34E-09	2,27E-08
Abiotic Depletion Potential Fossil Fuels (ADPF) [MJ]	1,42E+01	1,94E+01	4,74E+00	0,000	-1,59E+01	6,00E+00
Energy (net calorific value) [MJ]	1,76E+01	1,97E+01	7,81E+00	0,000	-1,59E+01	6,02E+00
Energy ren. (net calorafic value) [MJ]	5,53E+00	1,89E+00	4,24E+00	0,000	-6,36E-01	3,51E-02
Water consumption [kg]	5,38E+00	3,34E+00	4,08E+00	0,000	-2,09E+00	4,81E-02
Air pollution [m^3]	9,75E+01	2,67E+02	2,72E+01	0,000	-2,22E+02	2,52E+01
Water pollution [m^3]	2,02E-01	1,27E-01	1,18E-01	0,000	-7,71E-02	3,41E-02
Hazardous waste for disposal [kg]	1,20E-08	1,12E-08	6,74E-10	0,000	1,57E-10	2,12E-11
Disposed of non-hazardous waste [kg]	1,40E-02	2,90E-02	5,79E-03	0,000	-2,14E-02	6,10E-04
Disposed of radioactive waste [kg]	1,32E-03	1,19E-04	1,22E-03	0,000	-2,64E-05	9,63E-06

evaluated from CML 2001, August 2016

1.3.62 S-WWP-S-6x100/60 Z

IT- Number	Product name	Pcs. per Sales pack	Weight [kg]	Material
2363518	S-WWP-S-6x100/60 Z	100	1,407	Steel, Cardboard

Environmental impact category	Total	Raw material	Produc-tion	Use	End of life	Transpor-tation
Global Warming Potential (GWP 100 years) [kg CO2-eq.]	1,547	2,728	0,518	0,000	-2,245	0,546
Ozone Depletion Potential (ODP, catalytic) [kg R11-eq.]	1,07E-11	2,88E-12	8,86E-12	0,000	-1,13E-12	6,11E-14
Acidification Potential (AP) [kg SO2-eq.]	5,02E-03	6,34E-03	1,07E-03	0,000	-5,19E-03	2,80E-03
Eutrification Potential (EP) [kg $(PO4)^{3-}$ eq.]	6,98E-04	6,19E-04	1,20E-04	0,000	-4,87E-04	4,46E-04
Photochemical Oxidant Potential (POCP) [kg Ethene-eq.]	-4,42E-05	9,58E-04	7,56E-05	0,000	-7,97E-04	-2,81E-04
Abiotic Depletion Potential non-Fossil Resources (ADPE) [kg Sb-eq.]	2,26E-07	4,50E-08	1,62E-07	0,000	-9,05E-09	2,78E-08
Abiotic Depletion Potential Fossil Fuels (ADPF) [MJ]	1,74E+01	2,37E+01	5,78E+00	0,000	-1,94E+01	7,33E+00
Energy (net calorific value) [MJ]	2,15E+01	2,40E+01	9,54E+00	0,000	-1,95E+01	7,36E+00
Energy ren. (net calorafic value) [MJ]	6,79E+00	2,35E+00	5,18E+00	0,000	-7,80E-01	4,29E-02
Water consumption [kg]	6,60E+00	4,10E+00	4,98E+00	0,000	-2,54E+00	5,87E-02
Air pollution [m^3]	1,19E+02	3,27E+02	3,32E+01	0,000	-2,71E+02	3,08E+01
Water pollution [m^3]	2,48E-01	1,57E-01	1,44E-01	0,000	-9,42E-02	4,17E-02
Hazardous waste for disposal [kg]	1,52E-08	1,42E-08	8,22E-10	0,000	1,90E-10	2,59E-11
Disposed of non-hazardous waste [kg]	1,72E-02	3,55E-02	7,07E-03	0,000	-2,61E-02	7,46E-04
Disposed of radioactive waste [kg]	1,62E-03	1,47E-04	1,49E-03	0,000	-3,32E-05	1,18E-05

evaluated from CML 2001, August 2016

1.3.63 S-WWP-S-6x120/70 Z

IT- Number	Product name	Pcs. per Sales pack	Weight [kg]	Material
2363519	S-WWP-S-6x120/70 Z	100	1,607	Steel, Cardboard

Environmental impact category	Total	Raw material	Produc-tion	Use	End of life	Transpor-tation
Global Warming Potential (GWP 100 years) [kg CO2-eq.]	1,770	3,134	0,594	0,000	-2,581	0,623
Ozone Depletion Potential (ODP, catalytic) [kg R11-eq.]	1,21E-11	3,16E-12	1,02E-11	0,000	-1,28E-12	6,98E-14
Acidification Potential (AP) [kg SO2-eq.]	5,73E-03	7,26E-03	1,23E-03	0,000	-5,95E-03	3,20E-03
Eutrification Potential (EP) [kg $(PO4)^{3-}$ eq.]	7,94E-04	7,06E-04	1,38E-04	0,000	-5,59E-04	5,09E-04
Photochemical Oxidant Potential (POCP) [kg Ethene-eq.]	-5,01E-05	1,10E-03	8,67E-05	0,000	-9,14E-04	-3,21E-04
Abiotic Depletion Potential non-Fossil Resources (ADPE) [kg Sb-eq.]	2,56E-07	4,81E-08	1,86E-07	0,000	-1,00E-08	3,17E-08
Abiotic Depletion Potential Fossil Fuels (ADPF) [MJ]	1,99E+01	2,71E+01	6,64E+00	0,000	-2,22E+01	8,38E+00
Energy (net calorific value) [MJ]	2,46E+01	2,75E+01	1,09E+01	0,000	-2,23E+01	8,41E+00
Energy ren. (net calorafic value) [MJ]	7,64E+00	2,53E+00	5,94E+00	0,000	-8,82E-01	4,90E-02
Water consumption [kg]	7,47E+00	4,62E+00	5,71E+00	0,000	-2,93E+00	6,71E-02
Air pollution [m^3]	1,36E+02	3,74E+02	3,81E+01	0,000	-3,11E+02	3,51E+01
Water pollution [m^3]	2,79E-01	1,74E-01	1,65E-01	0,000	-1,08E-01	4,77E-02
Hazardous waste for disposal [kg]	1,54E-08	1,42E-08	9,43E-10	0,000	2,25E-10	2,95E-11
Disposed of non-hazardous waste [kg]	1,92E-02	4,05E-02	8,11E-03	0,000	-3,02E-02	8,52E-04
Disposed of radioactive waste [kg]	1,85E-03	1,65E-04	1,71E-03	0,000	-3,43E-05	1,34E-05

evaluated from CML 2001, August 2016

1.3.64 S-WWP-S-6x140/70 Z

IT- Number	Product name	Pcs. per Sales pack	Weight [kg]	Material
2363520	S-WWP-S-6x140/70 Z	100	1,847	Steel, Cardboard

Environmental impact category	Total	Raw material	Produc-tion	Use	End of life	Transpor-tation
Global Warming Potential (GWP 100 years) [kg CO2-eq.]	2,037	3,621	0,685	0,000	-2,985	0,716
Ozone Depletion Potential (ODP, catalytic) [kg R11-eq.]	1,38E-11	3,49E-12	1,17E-11	0,000	-1,45E-12	8,02E-14
Acidification Potential (AP) [kg SO2-eq.]	6,59E-03	8,36E-03	1,42E-03	0,000	-6,87E-03	3,68E-03
Eutrification Potential (EP) [kg $(PO4)^{3-}$ eq.]	9,09E-04	8,09E-04	1,59E-04	0,000	-6,45E-04	5,85E-04
Photochemical Oxidant Potential (POCP) [kg Ethene-eq.]	-5,71E-05	1,27E-03	1,00E-04	0,000	-1,05E-03	-3,68E-04
Abiotic Depletion Potential non-Fossil Resources (ADPE) [kg Sb-eq.]	2,92E-07	5,18E-08	2,15E-07	0,000	-1,12E-08	3,65E-08
Abiotic Depletion Potential Fossil Fuels (ADPF) [MJ]	2,29E+01	3,12E+01	7,66E+00	0,000	-2,56E+01	9,63E+00
Energy (net calorific value) [MJ]	2,83E+01	3,16E+01	1,26E+01	0,000	-2,57E+01	9,67E+00
Energy ren. (net calorafic value) [MJ]	8,65E+00	2,75E+00	6,85E+00	0,000	-1,00E+00	5,63E-02
Water consumption [kg]	8,51E+00	5,25E+00	6,59E+00	0,000	-3,40E+00	7,71E-02
Air pollution [m^3]	1,57E+02	4,31E+02	4,40E+01	0,000	-3,59E+02	4,04E+01
Water pollution [m^3]	3,17E-01	1,96E-01	1,90E-01	0,000	-1,24E-01	5,48E-02
Hazardous waste for disposal [kg]	1,55E-08	1,41E-08	1,09E-09	0,000	2,68E-10	3,40E-11
Disposed of non-hazardous waste [kg]	2,16E-02	4,64E-02	9,36E-03	0,000	-3,52E-02	9,79E-04
Disposed of radioactive waste [kg]	2,14E-03	1,88E-04	1,97E-03	0,000	-3,57E-05	1,54E-05

evaluated from CML 2001, August 2016

1.3.65 S-WWP-S-6x160/70 Z

IT- Number	Product name	Pcs. per Sales pack	Weight [kg]	Material
2363521	S-WWP-S-6x160/70 Z	50	1,064	Steel, Cardboard

Environmental impact category	Total	Raw material	Produc-tion	Use	End of life	Transpor-tation
Global Warming Potential (GWP 100 years) [kg CO2-eq.]	1,163	2,030	0,387	0,000	-1,666	0,412
Ozone Depletion Potential (ODP, catalytic) [kg R11-eq.]	8,19E-12	2,41E-12	6,62E-12	0,000	-8,84E-13	4,62E-14
Acidification Potential (AP) [kg SO2-eq.]	3,80E-03	4,76E-03	8,02E-04	0,000	-3,88E-03	2,12E-03
Eutrification Potential (EP) [kg $(PO4)^{3-}$ eq.]	5,33E-04	4,71E-04	8,97E-05	0,000	-3,64E-04	3,37E-04
Photochemical Oxidant Potential (POCP) [kg Ethene-eq.]	-3,41E-05	7,18E-04	5,65E-05	0,000	-5,96E-04	-2,12E-04
Abiotic Depletion Potential non-Fossil Resources (ADPE) [kg Sb-eq.]	1,75E-07	3,97E-08	1,21E-07	0,000	-7,35E-09	2,10E-08
Abiotic Depletion Potential Fossil Fuels (ADPF) [MJ]	1,31E+01	1,78E+01	4,32E+00	0,000	-1,46E+01	5,54E+00
Energy (net calorific value) [MJ]	1,62E+01	1,81E+01	7,13E+00	0,000	-1,46E+01	5,57E+00
Energy ren. (net calorafic value) [MJ]	5,33E+00	2,04E+00	3,87E+00	0,000	-6,05E-01	3,24E-02
Water consumption [kg]	5,10E+00	3,21E+00	3,72E+00	0,000	-1,87E+00	4,44E-02
Air pollution [m^3]	8,97E+01	2,45E+02	2,48E+01	0,000	-2,03E+02	2,32E+01
Water pollution [m^3]	1,94E-01	1,26E-01	1,07E-01	0,000	-7,11E-02	3,15E-02
Hazardous waste for disposal [kg]	1,50E-08	1,43E-08	6,15E-10	0,000	1,29E-10	1,96E-11
Disposed of non-hazardous waste [kg]	1,38E-02	2,69E-02	5,28E-03	0,000	-1,90E-02	5,64E-04
Disposed of radioactive waste [kg]	1,21E-03	1,14E-04	1,11E-03	0,000	-3,12E-05	8,90E-06

evaluated from CML 2001, August 2016

1.3.66 S-WWP-S-6x180/70 Z

IT- Number	Product name	Pcs. per Sales pack	Weight [kg]	Material
2363522	S-WWP-S-6x180/70 Z	50	1,171	Steel, Cardboard

Environmental impact category	Total	Raw material	Produc-tion	Use	End of life	Transpor-tation
Global Warming Potential (GWP 100 years) [kg CO2-eq.]	1,283	2,248	0,428	0,000	-1,846	0,454
Ozone Depletion Potential (ODP, catalytic) [kg R11-eq.]	8,96E-12	2,56E-12	7,32E-12	0,000	-9,62E-13	5,08E-14
Acidification Potential (AP) [kg SO2-eq.]	4,18E-03	5,25E-03	8,86E-04	0,000	-4,29E-03	2,33E-03
Eutrification Potential (EP) [kg $(PO4)^{3-}$ eq.]	5,84E-04	5,17E-04	9,91E-05	0,000	-4,03E-04	3,71E-04
Photochemical Oxidant Potential (POCP) [kg Ethene-eq.]	-3,73E-05	7,92E-04	6,24E-05	0,000	-6,59E-04	-2,34E-04
Abiotic Depletion Potential non-Fossil Resources (ADPE) [kg Sb-eq.]	1,91E-07	4,14E-08	1,34E-07	0,000	-7,88E-09	2,31E-08
Abiotic Depletion Potential Fossil Fuels (ADPF) [MJ]	1,45E+01	1,97E+01	4,78E+00	0,000	-1,61E+01	6,10E+00
Energy (net calorific value) [MJ]	1,78E+01	2,00E+01	7,88E+00	0,000	-1,61E+01	6,13E+00
Energy ren. (net calorafic value) [MJ]	5,79E+00	2,13E+00	4,28E+00	0,000	-6,60E-01	3,57E-02
Water consumption [kg]	5,56E+00	3,49E+00	4,11E+00	0,000	-2,08E+00	4,89E-02
Air pollution [m^3]	9,89E+01	2,70E+02	2,74E+01	0,000	-2,24E+02	2,56E+01
Water pollution [m^3]	2,11E-01	1,36E-01	1,19E-01	0,000	-7,83E-02	3,47E-02
Hazardous waste for disposal [kg]	1,51E-08	1,42E-08	6,79E-10	0,000	1,48E-10	2,15E-11
Disposed of non-hazardous waste [kg]	1,48E-02	2,96E-02	5,84E-03	0,000	-2,12E-02	6,21E-04
Disposed of radioactive waste [kg]	1,33E-03	1,24E-04	1,23E-03	0,000	-3,18E-05	9,79E-06

evaluated from CML 2001, August 2016

1.3.67 S-WWP-S-6x200/70 Z

IT- Number	Product name	Pcs. per Sales pack	Weight [kg]	Material
2363523	S-WWP-S-6x200/70 Z	50	1,335	Steel, Cardboard

Environmental impact category	Total	Raw material	Produc-tion	Use	End of life	Transpor-tation
Global Warming Potential (GWP 100 years) [kg CO2-eq.]	1,448	2,484	0,477	0,000	-2,030	0,517
Ozone Depletion Potential (ODP, catalytic) [kg R11-eq.]	1,05E-11	3,48E-12	8,16E-12	0,000	-1,17E-12	5,80E-14
Acidification Potential (AP) [kg SO2-eq.]	4,77E-03	5,91E-03	9,88E-04	0,000	-4,79E-03	2,66E-03
Eutrification Potential (EP) [kg $(PO4)^{3-}$ eq.]	6,80E-04	5,96E-04	1,11E-04	0,000	-4,49E-04	4,23E-04
Photochemical Oxidant Potential (POCP) [kg Ethene-eq.]	-4,43E-05	8,87E-04	6,96E-05	0,000	-7,35E-04	-2,66E-04
Abiotic Depletion Potential non-Fossil Resources (ADPE) [kg Sb-eq.]	2,27E-07	6,13E-08	1,49E-07	0,000	-1,02E-08	2,64E-08
Abiotic Depletion Potential Fossil Fuels (ADPF) [MJ]	1,64E+01	2,22E+01	5,33E+00	0,000	-1,81E+01	6,96E+00
Energy (net calorific value) [MJ]	2,02E+01	2,26E+01	8,78E+00	0,000	-1,82E+01	6,98E+00
Energy ren. (net calorafic value) [MJ]	7,10E+00	3,08E+00	4,77E+00	0,000	-7,91E-01	4,07E-02
Water consumption [kg]	6,62E+00	4,24E+00	4,58E+00	0,000	-2,26E+00	5,57E-02
Air pollution [m^3]	1,12E+02	3,03E+02	3,06E+01	0,000	-2,50E+02	2,92E+01
Water pollution [m^3]	2,57E-01	1,74E-01	1,32E-01	0,000	-8,88E-02	3,96E-02
Hazardous waste for disposal [kg]	2,59E-08	2,50E-08	7,57E-10	0,000	1,34E-10	2,45E-11
Disposed of non-hazardous waste [kg]	1,88E-02	3,40E-02	6,51E-03	0,000	-2,25E-02	7,07E-04
Disposed of radioactive waste [kg]	1,48E-03	1,49E-04	1,37E-03	0,000	-5,15E-05	1,12E-05

evaluated from CML 2001, August 2016

1.3.68 S-WWP-S-8x80/50 Z

IT- Number	Product name	Pcs. per Sales pack	Weight [kg]	Material
2363524	S-WWP-S-8x80/50 Z	50	1,098	Steel, Cardboard

Environmental impact category	Total	Raw material	Produc-tion	Use	End of life	Transpor-tation
Global Warming Potential (GWP 100 years) [kg CO2-eq.]	1,206	2,127	0,404	0,000	-1,750	0,426
Ozone Depletion Potential (ODP, catalytic) [kg R11-eq.]	8,33E-12	2,25E-12	6,91E-12	0,000	-8,85E-13	4,77E-14
Acidification Potential (AP) [kg SO2-eq.]	3,92E-03	4,94E-03	8,37E-04	0,000	-4,05E-03	2,19E-03
Eutrification Potential (EP) [kg $(PO4)^{3-}$ eq.]	5,45E-04	4,83E-04	9,36E-05	0,000	-3,80E-04	3,48E-04
Photochemical Oxidant Potential (POCP) [kg Ethene-eq.]	-3,45E-05	7,47E-04	5,89E-05	0,000	-6,22E-04	-2,19E-04
Abiotic Depletion Potential non-Fossil Resources (ADPE) [kg Sb-eq.]	1,76E-07	3,53E-08	1,27E-07	0,000	-7,07E-09	2,17E-08
Abiotic Depletion Potential Fossil Fuels (ADPF) [MJ]	1,36E+01	1,85E+01	4,51E+00	0,000	-1,51E+01	5,72E+00
Energy (net calorific value) [MJ]	1,67E+01	1,88E+01	7,44E+00	0,000	-1,52E+01	5,74E+00
Energy ren. (net calorafic value) [MJ]	5,30E+00	1,84E+00	4,04E+00	0,000	-6,09E-01	3,34E-02
Water consumption [kg]	5,15E+00	3,20E+00	3,88E+00	0,000	-1,98E+00	4,58E-02
Air pollution [m^3]	9,29E+01	2,55E+02	2,59E+01	0,000	-2,12E+02	2,40E+01
Water pollution [m^3]	1,93E-01	1,22E-01	1,12E-01	0,000	-7,35E-02	3,25E-02
Hazardous waste for disposal [kg]	1,20E-08	1,12E-08	6,41E-10	0,000	1,48E-10	2,02E-11
Disposed of non-hazardous waste [kg]	1,34E-02	2,77E-02	5,51E-03	0,000	-2,03E-02	5,82E-04
Disposed of radioactive waste [kg]	1,26E-03	1,14E-04	1,16E-03	0,000	-2,61E-05	9,18E-06

evaluated from CML 2001, August 2016

1.3.69 S-WWP-S-8x100/60 Z

IT- Number	Product name	Pcs. per Sales pack	Weight [kg]	Material
2363525	S-WWP-S-8x100/60 Z	50	1,314	Steel, Cardboard

Environmental impact category	Total	Raw material	Produc-tion	Use	End of life	Transpor-tation
Global Warming Potential (GWP 100 years) [kg CO2-eq.]	1,442	2,538	0,482	0,000	-2,087	0,509
Ozone Depletion Potential (ODP, catalytic) [kg R11-eq.]	9,99E-12	2,75E-12	8,25E-12	0,000	-1,07E-12	5,71E-14
Acidification Potential (AP) [kg SO2-eq.]	4,69E-03	5,91E-03	9,99E-04	0,000	-4,84E-03	2,62E-03
Eutrification Potential (EP) [kg $(PO4)^{3-}$ eq.]	6,53E-04	5,79E-04	1,12E-04	0,000	-4,54E-04	4,16E-04
Photochemical Oxidant Potential (POCP) [kg Ethene-eq.]	-4,15E-05	8,93E-04	7,04E-05	0,000	-7,42E-04	-2,62E-04
Abiotic Depletion Potential non-Fossil Resources (ADPE) [kg Sb-eq.]	2,12E-07	4,36E-08	1,51E-07	0,000	-8,59E-09	2,59E-08
Abiotic Depletion Potential Fossil Fuels (ADPF) [MJ]	1,62E+01	2,21E+01	5,39E+00	0,000	-1,81E+01	6,85E+00
Energy (net calorific value) [MJ]	2,00E+01	2,24E+01	8,88E+00	0,000	-1,82E+01	6,87E+00
Energy ren. (net calorafic value) [MJ]	6,39E+00	2,26E+00	4,82E+00	0,000	-7,32E-01	4,00E-02
Water consumption [kg]	6,19E+00	3,86E+00	4,64E+00	0,000	-2,36E+00	5,48E-02
Air pollution [m^3]	1,11E+02	3,04E+02	3,09E+01	0,000	-2,53E+02	2,87E+01
Water pollution [m^3]	2,33E-01	1,48E-01	1,34E-01	0,000	-8,79E-02	3,89E-02
Hazardous waste for disposal [kg]	1,52E-08	1,42E-08	7,66E-10	0,000	1,73E-10	2,41E-11
Disposed of non-hazardous waste [kg]	1,63E-02	3,32E-02	6,58E-03	0,000	-2,42E-02	6,96E-04
Disposed of radioactive waste [kg]	1,50E-03	1,38E-04	1,39E-03	0,000	-3,26E-05	1,10E-05

evaluated from CML 2001, August 2016

1.3.70 S-WWP-S-8x120/80 Z

IT- Number	Product name	Pcs. per Sales pack	Weight [kg]	Material
2363526	S-WWP-S-8x120/80 Z	50	1,520	Steel, Cardboard

Environmental impact category	Total	Raw material	Produc-tion	Use	End of life	Transpor-tation
Global Warming Potential (GWP 100 years) [kg CO2-eq.]	1,672	2,956	0,561	0,000	-2,434	0,589
Ozone Depletion Potential (ODP, catalytic) [kg R11-eq.]	1,15E-11	3,04E-12	9,59E-12	0,000	-1,21E-12	6,60E-14
Acidification Potential (AP) [kg SO2-eq.]	5,42E-03	6,85E-03	1,16E-03	0,000	-5,62E-03	3,03E-03
Eutrification Potential (EP) [kg $(PO4)^{3-}$ eq.]	7,52E-04	6,68E-04	1,30E-04	0,000	-5,27E-04	4,82E-04
Photochemical Oxidant Potential (POCP) [kg Ethene-eq.]	-4,75E-05	1,04E-03	8,18E-05	0,000	-8,63E-04	-3,03E-04
Abiotic Depletion Potential non-Fossil Resources (ADPE) [kg Sb-eq.]	2,43E-07	4,68E-08	1,76E-07	0,000	-9,60E-09	3,00E-08
Abiotic Depletion Potential Fossil Fuels (ADPF) [MJ]	1,88E+01	2,56E+01	6,26E+00	0,000	-2,10E+01	7,92E+00
Energy (net calorific value) [MJ]	2,32E+01	2,60E+01	1,03E+01	0,000	-2,11E+01	7,95E+00
Energy ren. (net calorafic value) [MJ]	7,27E+00	2,45E+00	5,61E+00	0,000	-8,37E-01	4,63E-02
Water consumption [kg]	7,09E+00	4,40E+00	5,39E+00	0,000	-2,76E+00	6,34E-02
Air pollution [m^3]	1,29E+02	3,53E+02	3,60E+01	0,000	-2,94E+02	3,32E+01
Water pollution [m^3]	2,65E-01	1,67E-01	1,56E-01	0,000	-1,02E-01	4,51E-02
Hazardous waste for disposal [kg]	1,53E-08	1,42E-08	8,90E-10	0,000	2,10E-10	2,79E-11
Disposed of non-hazardous waste [kg]	1,83E-02	3,83E-02	7,65E-03	0,000	-2,84E-02	8,06E-04
Disposed of radioactive waste [kg]	1,75E-03	1,57E-04	1,61E-03	0,000	-3,38E-05	1,27E-05

evaluated from CML 2001, August 2016

1.3.71 S-WWP-S-8x140/80 Z

IT- Number	Product name	Pcs. per Sales pack	Weight [kg]	Material
2363527	S-WWP-S-8x140/80 Z	50	1,726	Steel, Cardboard

Environmental impact category	Total	Raw material	Produc-tion	Use	End of life	Transpor-tation
Global Warming Potential (GWP 100 years) [kg CO2-eq.]	1,902	3,375	0,639	0,000	-2,781	0,669
Ozone Depletion Potential (ODP, catalytic) [kg R11-eq.]	1,30E-11	3,32E-12	1,09E-11	0,000	-1,36E-12	7,50E-14
Acidification Potential (AP) [kg SO2-eq.]	6,15E-03	7,80E-03	1,32E-03	0,000	-6,41E-03	3,44E-03
Eutrification Potential (EP) [kg $(PO4)^{3-}$ eq.]	8,51E-04	7,57E-04	1,48E-04	0,000	-6,01E-04	5,47E-04
Photochemical Oxidant Potential (POCP) [kg Ethene-eq.]	-5,35E-05	1,18E-03	9,33E-05	0,000	-9,83E-04	-3,44E-04
Abiotic Depletion Potential non-Fossil Resources (ADPE) [kg Sb-eq.]	2,74E-07	4,99E-08	2,00E-07	0,000	-1,06E-08	3,41E-08
Abiotic Depletion Potential Fossil Fuels (ADPF) [MJ]	2,14E+01	2,91E+01	7,14E+00	0,000	-2,39E+01	8,99E+00
Energy (net calorific value) [MJ]	2,64E+01	2,95E+01	1,18E+01	0,000	-2,39E+01	9,03E+00
Energy ren. (net calorafic value) [MJ]	8,14E+00	2,64E+00	6,39E+00	0,000	-9,42E-01	5,26E-02
Water consumption [kg]	7,98E+00	4,93E+00	6,14E+00	0,000	-3,16E+00	7,20E-02
Air pollution [m^3]	1,46E+02	4,02E+02	4,10E+01	0,000	-3,35E+02	3,77E+01
Water pollution [m^3]	2,98E-01	1,85E-01	1,77E-01	0,000	-1,16E-01	5,12E-02
Hazardous waste for disposal [kg]	1,54E-08	1,42E-08	1,01E-09	0,000	2,46E-10	3,17E-11
Disposed of non-hazardous waste [kg]	2,04E-02	4,34E-02	8,73E-03	0,000	-3,27E-02	9,15E-04
Disposed of radioactive waste [kg]	2,00E-03	1,77E-04	1,84E-03	0,000	-3,50E-05	1,44E-05

evaluated from CML 2001, August 2016

1.3.72 S-WWP-S-8x160/80 Z

IT- Number	Product name	Pcs. per Sales pack	Weight [kg]	Material
2363528	S-WWP-S-8x160/80 Z	50	2,067	Steel, Cardboard

Environmental impact category	Total	Raw material	Produc-tion	Use	End of life	Transpor-tation
Global Warming Potential (GWP 100 years) [kg CO2-eq.]	2,266	3,972	0,756	0,000	-3,263	0,801
Ozone Depletion Potential (ODP, catalytic) [kg R11-eq.]	1,58E-11	4,49E-12	1,29E-11	0,000	-1,70E-12	8,98E-14
Acidification Potential (AP) [kg SO2-eq.]	7,38E-03	9,28E-03	1,57E-03	0,000	-7,58E-03	4,12E-03
Eutrification Potential (EP) [kg $(PO4)^{3-}$ eq.]	1,03E-03	9,13E-04	1,75E-04	0,000	-7,11E-04	6,55E-04
Photochemical Oxidant Potential (POCP) [kg Ethene-eq.]	-6,57E-05	1,40E-03	1,10E-04	0,000	-1,16E-03	-4,12E-04
Abiotic Depletion Potential non-Fossil Resources (ADPE) [kg Sb-eq.]	3,36E-07	7,26E-08	2,37E-07	0,000	-1,39E-08	4,08E-08
Abiotic Depletion Potential Fossil Fuels (ADPF) [MJ]	2,55E+01	3,47E+01	8,44E+00	0,000	-2,84E+01	1,08E+01
Energy (net calorific value) [MJ]	3,15E+01	3,53E+01	1,39E+01	0,000	-2,85E+01	1,08E+01
Energy ren. (net calorafic value) [MJ]	1,02E+01	3,74E+00	7,56E+00	0,000	-1,16E+00	6,30E-02
Water consumption [kg]	9,82E+00	6,15E+00	7,27E+00	0,000	-3,68E+00	8,63E-02
Air pollution [m^3]	1,75E+02	4,77E+02	4,85E+01	0,000	-3,96E+02	4,52E+01
Water pollution [m^3]	3,72E-01	2,39E-01	2,10E-01	0,000	-1,38E-01	6,13E-02
Hazardous waste for disposal [kg]	2,64E-08	2,48E-08	1,20E-09	0,000	2,63E-10	3,80E-11
Disposed of non-hazardous waste [kg]	2,61E-02	5,23E-02	1,03E-02	0,000	-3,75E-02	1,10E-03
Disposed of radioactive waste [kg]	2,36E-03	2,19E-04	2,18E-03	0,000	-5,57E-05	1,73E-05

evaluated from CML 2001, August 2016

1.3.73 S-WWP-S-8x180/100 Z

IT- Number	Product name	Pcs. per Sales pack	Weight [kg]	Material
2363529	S-WWP-S-8x180/100 Z	50	2,173	Steel, Cardboard

Environmental impact category	Total	Raw material	Produc-tion	Use	End of life	Transpor-tation
Global Warming Potential (GWP 100 years) [kg CO2-eq.]	2,383	4,186	0,796	0,000	-3,441	0,842
Ozone Depletion Potential (ODP, catalytic) [kg R11-eq.]	1,66E-11	4,64E-12	1,36E-11	0,000	-1,77E-12	9,44E-14
Acidification Potential (AP) [kg SO2-eq.]	7,75E-03	9,76E-03	1,65E-03	0,000	-7,98E-03	4,33E-03
Eutrification Potential (EP) [kg $(PO4)^{3-}$ eq.]	1,08E-03	9,58E-04	1,84E-04	0,000	-7,49E-04	6,89E-04
Photochemical Oxidant Potential (POCP) [kg Ethene-eq.]	-6,88E-05	1,47E-03	1,16E-04	0,000	-1,23E-03	-4,33E-04
Abiotic Depletion Potential non-Fossil Resources (ADPE) [kg Sb-eq.]	3,52E-07	7,42E-08	2,49E-07	0,000	-1,44E-08	4,29E-08
Abiotic Depletion Potential Fossil Fuels (ADPF) [MJ]	2,69E+01	3,65E+01	8,89E+00	0,000	-2,99E+01	1,13E+01
Energy (net calorific value) [MJ]	3,31E+01	3,71E+01	1,47E+01	0,000	-3,00E+01	1,14E+01
Energy ren. (net calorafic value) [MJ]	1,06E+01	3,84E+00	7,96E+00	0,000	-1,22E+00	6,62E-02
Water consumption [kg]	1,03E+01	6,42E+00	7,65E+00	0,000	-3,89E+00	9,07E-02
Air pollution [m^3]	1,84E+02	5,02E+02	5,10E+01	0,000	-4,17E+02	4,75E+01
Water pollution [m^3]	3,88E-01	2,48E-01	2,21E-01	0,000	-1,45E-01	6,44E-02
Hazardous waste for disposal [kg]	2,64E-08	2,48E-08	1,26E-09	0,000	2,82E-10	3,99E-11
Disposed of non-hazardous waste [kg]	2,72E-02	5,49E-02	1,09E-02	0,000	-3,97E-02	1,15E-03
Disposed of radioactive waste [kg]	2,48E-03	2,29E-04	2,29E-03	0,000	-5,63E-05	1,82E-05

evaluated from CML 2001, August 2016

1.3.74 S-WWP-S-8x200/100 Z

IT- Number	Product name	Pcs. per Sales pack	Weight [kg]	Material
2363530	S-WWP-S-8x200/100 Z	50	2,379	Steel, Cardboard

Environmental impact category	Total	Raw material	Produc-tion	Use	End of life	Transpor-tation
Global Warming Potential (GWP 100 years) [kg CO2-eq.]	2,613	4,604	0,874	0,000	-3,788	0,922
Ozone Depletion Potential (ODP, catalytic) [kg R11-eq.]	1,81E-11	4,92E-12	1,50E-11	0,000	-1,92E-12	1,03E-13
Acidification Potential (AP) [kg SO2-eq.]	8,49E-03	1,07E-02	1,81E-03	0,000	-8,77E-03	4,74E-03
Eutrification Potential (EP) [kg $(PO4)^{3-}$ eq.]	1,18E-03	1,05E-03	2,03E-04	0,000	-8,23E-04	7,54E-04
Photochemical Oxidant Potential (POCP) [kg Ethene-eq.]	-7,49E-05	1,62E-03	1,28E-04	0,000	-1,35E-03	-4,75E-04
Abiotic Depletion Potential non-Fossil Resources (ADPE) [kg Sb-eq.]	3,83E-07	7,74E-08	2,74E-07	0,000	-1,54E-08	4,70E-08
Abiotic Depletion Potential Fossil Fuels (ADPF) [MJ]	2,94E+01	4,00E+01	9,77E+00	0,000	-3,28E+01	1,24E+01
Energy (net calorific value) [MJ]	3,63E+01	4,06E+01	1,61E+01	0,000	-3,29E+01	1,24E+01
Energy ren. (net calorafic value) [MJ]	1,15E+01	4,03E+00	8,74E+00	0,000	-1,32E+00	7,25E-02
Water consumption [kg]	1,12E+01	6,96E+00	8,41E+00	0,000	-4,29E+00	9,93E-02
Air pollution [m^3]	2,01E+02	5,51E+02	5,61E+01	0,000	-4,58E+02	5,20E+01
Water pollution [m^3]	4,20E-01	2,66E-01	2,43E-01	0,000	-1,59E-01	7,05E-02
Hazardous waste for disposal [kg]	2,65E-08	2,48E-08	1,39E-09	0,000	3,18E-10	4,37E-11
Disposed of non-hazardous waste [kg]	2,93E-02	6,00E-02	1,19E-02	0,000	-4,40E-02	1,26E-03
Disposed of radioactive waste [kg]	2,73E-03	2,48E-04	2,52E-03	0,000	-5,75E-05	1,99E-05

evaluated from CML 2001, August 2016

1.3.75 S-WWP-S-8x220/100 Z

IT- Number	Product name	Pcs. per Sales pack	Weight [kg]	Material
2363531	S-WWP-S-8x220/100 Z	50	2,565	Steel, Cardboard

Environmental impact category	Total	Raw material	Produc-tion	Use	End of life	Transpor-tation
Global Warming Potential (GWP 100 years) [kg CO2-eq.]	2,821	4,983	0,945	0,000	-4,102	0,995
Ozone Depletion Potential (ODP, catalytic) [kg R11-eq.]	1,94E-11	5,18E-12	1,62E-11	0,000	-2,06E-12	1,11E-13
Acidification Potential (AP) [kg SO2-eq.]	9,15E-03	1,16E-02	1,96E-03	0,000	-9,48E-03	5,11E-03
Eutrification Potential (EP) [kg $(PO4)^{3-}$ eq.]	1,27E-03	1,13E-03	2,19E-04	0,000	-8,89E-04	8,13E-04
Photochemical Oxidant Potential (POCP) [kg Ethene-eq.]	-8,04E-05	1,75E-03	1,38E-04	0,000	-1,46E-03	-5,12E-04
Abiotic Depletion Potential non-Fossil Resources (ADPE) [kg Sb-eq.]	4,11E-07	8,03E-08	2,96E-07	0,000	-1,63E-08	5,06E-08
Abiotic Depletion Potential Fossil Fuels (ADPF) [MJ]	3,17E+01	4,32E+01	1,06E+01	0,000	-3,54E+01	1,34E+01
Energy (net calorific value) [MJ]	3,92E+01	4,39E+01	1,74E+01	0,000	-3,55E+01	1,34E+01
Energy ren. (net calorafic value) [MJ]	1,23E+01	4,20E+00	9,45E+00	0,000	-1,42E+00	7,82E-02
Water consumption [kg]	1,20E+01	7,44E+00	9,09E+00	0,000	-4,65E+00	1,07E-01
Air pollution [m^3]	2,17E+02	5,96E+02	6,06E+01	0,000	-4,95E+02	5,61E+01
Water pollution [m^3]	4,50E-01	2,83E-01	2,62E-01	0,000	-1,72E-01	7,61E-02
Hazardous waste for disposal [kg]	2,67E-08	2,48E-08	1,50E-09	0,000	3,51E-10	4,72E-11
Disposed of non-hazardous waste [kg]	3,11E-02	6,47E-02	1,29E-02	0,000	-4,78E-02	1,36E-03
Disposed of radioactive waste [kg]	2,95E-03	2,66E-04	2,72E-03	0,000	-5,85E-05	2,15E-05

evaluated from CML 2001, August 2016

1.3.76 S-WWP-S-8x240/100 Z

IT- Number	Product name	Pcs. per Sales pack	Weight [kg]	Material
2363532	S-WWP-S-8x240/100 Z	50	2,806	Steel, Cardboard

Environmental impact category	Total	Raw material	Produc-tion	Use	End of life	Transpor-tation
Global Warming Potential (GWP 100 years) [kg CO2-eq.]	3,082	5,430	1,031	0,000	-4,467	1,088
Ozone Depletion Potential (ODP, catalytic) [kg R11-eq.]	2,13E-11	5,81E-12	1,76E-11	0,000	-2,27E-12	1,22E-13
Acidification Potential (AP) [kg SO2-eq.]	1,00E-02	1,26E-02	2,14E-03	0,000	-1,03E-02	5,59E-03
Eutrification Potential (EP) [kg $(PO4)^{3-}$ eq.]	1,39E-03	1,24E-03	2,39E-04	0,000	-9,70E-04	8,89E-04
Photochemical Oxidant Potential (POCP) [kg Ethene-eq.]	-8,83E-05	1,91E-03	1,51E-04	0,000	-1,59E-03	-5,60E-04
Abiotic Depletion Potential non-Fossil Resources (ADPE) [kg Sb-eq.]	4,52E-07	9,14E-08	3,23E-07	0,000	-1,82E-08	5,54E-08
Abiotic Depletion Potential Fossil Fuels (ADPF) [MJ]	3,47E+01	4,72E+01	1,15E+01	0,000	-3,86E+01	1,46E+01
Energy (net calorific value) [MJ]	4,28E+01	4,79E+01	1,90E+01	0,000	-3,88E+01	1,47E+01
Energy ren. (net calorafic value) [MJ]	1,36E+01	4,76E+00	1,03E+01	0,000	-1,56E+00	8,55E-02
Water consumption [kg]	1,32E+01	8,21E+00	9,91E+00	0,000	-5,06E+00	1,17E-01
Air pollution [m^3]	2,38E+02	6,50E+02	6,61E+01	0,000	-5,40E+02	6,13E+01
Water pollution [m^3]	4,96E-01	3,14E-01	2,86E-01	0,000	-1,88E-01	8,32E-02
Hazardous waste for disposal [kg]	3,14E-08	2,93E-08	1,64E-09	0,000	3,75E-10	5,16E-11
Disposed of non-hazardous waste [kg]	3,45E-02	7,08E-02	1,41E-02	0,000	-5,18E-02	1,49E-03
Disposed of radioactive waste [kg]	3,22E-03	2,93E-04	2,97E-03	0,000	-6,79E-05	2,35E-05

evaluated from CML 2001, August 2016

1.3.77 S-WWP-S-8x260/100 Z

IT- Number	Product name	Pcs. per Sales pack	Weight [kg]	Material
2363533	S-WWP-S-8x260/100 Z	50	3,012	Steel, Cardboard

Environmental impact category	Total	Raw material	Produc-tion	Use	End of life	Transpor-tation
Global Warming Potential (GWP 100 years) [kg CO2-eq.]	3,312	5,849	1,109	0,000	-4,814	1,168
Ozone Depletion Potential (ODP, catalytic) [kg R11-eq.]	2,28E-11	6,10E-12	1,90E-11	0,000	-2,42E-12	1,31E-13
Acidification Potential (AP) [kg SO2-eq.]	1,07E-02	1,36E-02	2,30E-03	0,000	-1,11E-02	6,00E-03
Eutrification Potential (EP) [kg $(PO4)^{3-}$ eq.]	1,49E-03	1,32E-03	2,57E-04	0,000	-1,04E-03	9,55E-04
Photochemical Oxidant Potential (POCP) [kg Ethene-eq.]	-9,44E-05	2,05E-03	1,62E-04	0,000	-1,71E-03	-6,01E-04
Abiotic Depletion Potential non-Fossil Resources (ADPE) [kg Sb-eq.]	4,83E-07	9,46E-08	3,48E-07	0,000	-1,92E-08	5,95E-08
Abiotic Depletion Potential Fossil Fuels (ADPF) [MJ]	3,73E+01	5,07E+01	1,24E+01	0,000	-4,15E+01	1,57E+01
Energy (net calorific value) [MJ]	4,60E+01	5,15E+01	2,04E+01	0,000	-4,17E+01	1,58E+01
Energy ren. (net calorafic value) [MJ]	1,45E+01	4,94E+00	1,11E+01	0,000	-1,66E+00	9,18E-02
Water consumption [kg]	1,41E+01	8,75E+00	1,07E+01	0,000	-5,46E+00	1,26E-01
Air pollution [m^3]	2,55E+02	7,00E+02	7,12E+01	0,000	-5,81E+02	6,58E+01
Water pollution [m^3]	5,28E-01	3,33E-01	3,08E-01	0,000	-2,02E-01	8,93E-02
Hazardous waste for disposal [kg]	3,15E-08	2,93E-08	1,76E-09	0,000	4,11E-10	5,54E-11
Disposed of non-hazardous waste [kg]	3,66E-02	7,59E-02	1,52E-02	0,000	-5,61E-02	1,60E-03
Disposed of radioactive waste [kg]	3,46E-03	3,13E-04	3,20E-03	0,000	-6,91E-05	2,52E-05

evaluated from CML 2001, August 2016

1.3.78 S-WWP-S-8x280/100 Z

IT- Number	Product name	Pcs. per Sales pack	Weight [kg]	Material
2363534	S-WWP-S-8x280/100 Z	50	3,232	Steel, Cardboard

Environmental impact category	Total	Raw material	Produc-tion	Use	End of life	Transpor-tation
Global Warming Potential (GWP 100 years) [kg CO2-eq.]	3,550	6,257	1,188	0,000	-5,147	1,253
Ozone Depletion Potential (ODP, catalytic) [kg R11-eq.]	2,45E-11	6,68E-12	2,03E-11	0,000	-2,61E-12	1,40E-13
Acidification Potential (AP) [kg SO2-eq.]	1,15E-02	1,45E-02	2,46E-03	0,000	-1,19E-02	6,43E-03
Eutrification Potential (EP) [kg $(PO4)^{3-}$ eq.]	1,60E-03	1,42E-03	2,75E-04	0,000	-1,12E-03	1,02E-03
Photochemical Oxidant Potential (POCP) [kg Ethene-eq.]	-1,02E-04	2,20E-03	1,73E-04	0,000	-1,83E-03	-6,45E-04
Abiotic Depletion Potential non-Fossil Resources (ADPE) [kg Sb-eq.]	5,20E-07	1,05E-07	3,72E-07	0,000	-2,09E-08	6,38E-08
Abiotic Depletion Potential Fossil Fuels (ADPF) [MJ]	4,00E+01	5,44E+01	1,33E+01	0,000	-4,45E+01	1,68E+01
Energy (net calorific value) [MJ]	4,93E+01	5,52E+01	2,19E+01	0,000	-4,47E+01	1,69E+01
Energy ren. (net calorafic value) [MJ]	1,56E+01	5,46E+00	1,19E+01	0,000	-1,80E+00	9,85E-02
Water consumption [kg]	1,52E+01	9,45E+00	1,14E+01	0,000	-5,83E+00	1,35E-01
Air pollution [m^3]	2,74E+02	7,49E+02	7,62E+01	0,000	-6,23E+02	7,06E+01
Water pollution [m^3]	5,71E-01	3,62E-01	3,30E-01	0,000	-2,16E-01	9,58E-02
Hazardous waste for disposal [kg]	3,59E-08	3,36E-08	1,89E-09	0,000	4,33E-10	5,94E-11
Disposed of non-hazardous waste [kg]	3,97E-02	8,15E-02	1,62E-02	0,000	-5,97E-02	1,71E-03
Disposed of radioactive waste [kg]	3,71E-03	3,37E-04	3,42E-03	0,000	-7,78E-05	2,70E-05

evaluated from CML 2001, August 2016

1.3.79 S-WWP-S-8x300/100 Z

IT- Number	Product name	Pcs. per Sales pack	Weight [kg]	Material
2363535	S-WWP-S-8x300/100 Z	50	3,438	Steel, Cardboard

Environmental impact category	Total	Raw material	Produc-tion	Use	End of life	Transpor-tation
Global Warming Potential (GWP 100 years) [kg CO2-eq.]	3,780	6,675	1,266	0,000	-5,494	1,333
Ozone Depletion Potential (ODP, catalytic) [kg R11-eq.]	2,60E-11	6,97E-12	2,17E-11	0,000	-2,76E-12	1,49E-13
Acidification Potential (AP) [kg SO2-eq.]	1,23E-02	1,55E-02	2,62E-03	0,000	-1,27E-02	6,84E-03
Eutrification Potential (EP) [kg $(PO4)^{3-}$ eq.]	1,70E-03	1,51E-03	2,93E-04	0,000	-1,19E-03	1,09E-03
Photochemical Oxidant Potential (POCP) [kg Ethene-eq.]	-1,08E-04	2,34E-03	1,85E-04	0,000	-1,95E-03	-6,86E-04
Abiotic Depletion Potential non-Fossil Resources (ADPE) [kg Sb-eq.]	5,51E-07	1,08E-07	3,97E-07	0,000	-2,19E-08	6,79E-08
Abiotic Depletion Potential Fossil Fuels (ADPF) [MJ]	4,25E+01	5,79E+01	1,41E+01	0,000	-4,74E+01	1,79E+01
Energy (net calorific value) [MJ]	5,25E+01	5,88E+01	2,33E+01	0,000	-4,76E+01	1,80E+01
Energy ren. (net calorafic value) [MJ]	1,65E+01	5,65E+00	1,27E+01	0,000	-1,90E+00	1,05E-01
Water consumption [kg]	1,61E+01	9,99E+00	1,22E+01	0,000	-6,23E+00	1,44E-01
Air pollution [m^3]	2,91E+02	7,98E+02	8,12E+01	0,000	-6,64E+02	7,51E+01
Water pollution [m^3]	6,03E-01	3,80E-01	3,51E-01	0,000	-2,30E-01	1,02E-01
Hazardous waste for disposal [kg]	3,61E-08	3,35E-08	2,01E-09	0,000	4,69E-10	6,32E-11
Disposed of non-hazardous waste [kg]	4,18E-02	8,67E-02	1,73E-02	0,000	-6,40E-02	1,82E-03
Disposed of radioactive waste [kg]	3,95E-03	3,57E-04	3,65E-03	0,000	-7,90E-05	2,88E-05

evaluated from CML 2001, August 2016

1.3.80 S-WWP-S-8x320/100 Z

IT- Number	Product name	Pcs. per Sales pack	Weight [kg]	Material
2363536	S-WWP-S-8x320/100 Z	50	3,644	Steel, Cardboard

Environmental impact category	Total	Raw material	Produc-tion	Use	End of life	Transpor-tation
Global Warming Potential (GWP 100 years) [kg CO2-eq.]	4,010	7,093	1,345	0,000	-5,841	1,413
Ozone Depletion Potential (ODP, catalytic) [kg R11-eq.]	2,75E-11	7,25E-12	2,30E-11	0,000	-2,91E-12	1,58E-13
Acidification Potential (AP) [kg SO2-eq.]	1,30E-02	1,64E-02	2,79E-03	0,000	-1,35E-02	7,25E-03
Eutrification Potential (EP) [kg $(PO4)^{3-}$ eq.]	1,80E-03	1,60E-03	3,12E-04	0,000	-1,27E-03	1,15E-03
Photochemical Oxidant Potential (POCP) [kg Ethene-eq.]	-1,14E-04	2,49E-03	1,96E-04	0,000	-2,07E-03	-7,27E-04
Abiotic Depletion Potential non-Fossil Resources (ADPE) [kg Sb-eq.]	5,82E-07	1,11E-07	4,21E-07	0,000	-2,30E-08	7,19E-08
Abiotic Depletion Potential Fossil Fuels (ADPF) [MJ]	4,51E+01	6,14E+01	1,50E+01	0,000	-5,03E+01	1,90E+01
Energy (net calorific value) [MJ]	5,57E+01	6,23E+01	2,48E+01	0,000	-5,05E+01	1,91E+01
Energy ren. (net calorafic value) [MJ]	1,74E+01	5,84E+00	1,34E+01	0,000	-2,01E+00	1,11E-01
Water consumption [kg]	1,70E+01	1,05E+01	1,29E+01	0,000	-6,63E+00	1,52E-01
Air pollution [m^3]	3,09E+02	8,48E+02	8,63E+01	0,000	-7,05E+02	7,96E+01
Water pollution [m^3]	6,35E-01	3,98E-01	3,73E-01	0,000	-2,44E-01	1,08E-01
Hazardous waste for disposal [kg]	3,62E-08	3,35E-08	2,14E-09	0,000	5,05E-10	6,70E-11
Disposed of non-hazardous waste [kg]	4,39E-02	9,18E-02	1,84E-02	0,000	-6,82E-02	1,93E-03
Disposed of radioactive waste [kg]	4,20E-03	3,76E-04	3,87E-03	0,000	-8,02E-05	3,05E-05

evaluated from CML 2001, August 2016

1.3.81 S-WWP-S-8x340/100 Z

IT- Number	Product name	Pcs. per Sales pack	Weight [kg]	Material
2363537	S-WWP-S-8x340/100 Z	50	3,850	Steel, Cardboard

Environmental impact category	Total	Raw material	Produc-tion	Use	End of life	Transpor-tation
Global Warming Potential (GWP 100 years) [kg CO2-eq.]	4,240	7,512	1,423	0,000	-6,188	1,493
Ozone Depletion Potential (ODP, catalytic) [kg R11-eq.]	2,90E-11	7,54E-12	2,44E-11	0,000	-3,06E-12	1,67E-13
Acidification Potential (AP) [kg SO2-eq.]	1,37E-02	1,74E-02	2,95E-03	0,000	-1,43E-02	7,66E-03
Eutrification Potential (EP) [kg $(PO4)^{3-}$ eq.]	1,90E-03	1,69E-03	3,30E-04	0,000	-1,34E-03	1,22E-03
Photochemical Oxidant Potential (POCP) [kg Ethene-eq.]	-1,20E-04	2,63E-03	2,08E-04	0,000	-2,19E-03	-7,68E-04
Abiotic Depletion Potential non-Fossil Resources (ADPE) [kg Sb-eq.]	6,12E-07	1,14E-07	4,46E-07	0,000	-2,40E-08	7,60E-08
Abiotic Depletion Potential Fossil Fuels (ADPF) [MJ]	4,77E+01	6,49E+01	1,59E+01	0,000	-5,32E+01	2,01E+01
Energy (net calorific value) [MJ]	5,89E+01	6,59E+01	2,62E+01	0,000	-5,34E+01	2,01E+01
Energy ren. (net calorafic value) [MJ]	1,83E+01	6,02E+00	1,42E+01	0,000	-2,11E+00	1,17E-01
Water consumption [kg]	1,79E+01	1,11E+01	1,37E+01	0,000	-7,03E+00	1,61E-01
Air pollution [m^3]	3,27E+02	8,97E+02	9,13E+01	0,000	-7,46E+02	8,41E+01
Water pollution [m^3]	6,68E-01	4,16E-01	3,95E-01	0,000	-2,58E-01	1,14E-01
Hazardous waste for disposal [kg]	3,63E-08	3,35E-08	2,26E-09	0,000	5,42E-10	7,08E-11
Disposed of non-hazardous waste [kg]	4,59E-02	9,69E-02	1,94E-02	0,000	-7,25E-02	2,04E-03
Disposed of radioactive waste [kg]	4,45E-03	3,96E-04	4,10E-03	0,000	-8,14E-05	3,22E-05

evaluated from CML 2001, August 2016

1.3.82 S-WWP-S-8x360/100 Z

IT- Number	Product name	Pcs. per Sales pack	Weight [kg]	Material
2363538	S-WWP-S-8x360/100 Z	50	4,075	Steel, Cardboard

Environmental impact category	Total	Raw material	Produc-tion	Use	End of life	Transpor-tation
Global Warming Potential (GWP 100 years) [kg CO2-eq.]	4,481	7,916	1,502	0,000	-6,516	1,580
Ozone Depletion Potential (ODP, catalytic) [kg R11-eq.]	3,08E-11	8,22E-12	2,57E-11	0,000	-3,27E-12	1,77E-13
Acidification Potential (AP) [kg SO2-eq.]	1,45E-02	1,84E-02	3,11E-03	0,000	-1,51E-02	8,11E-03
Eutrification Potential (EP) [kg $(PO4)^{3-}$ eq.]	2,02E-03	1,79E-03	3,48E-04	0,000	-1,41E-03	1,29E-03
Photochemical Oxidant Potential (POCP) [kg Ethene-eq.]	-1,28E-04	2,78E-03	2,19E-04	0,000	-2,31E-03	-8,13E-04
Abiotic Depletion Potential non-Fossil Resources (ADPE) [kg Sb-eq.]	6,52E-07	1,27E-07	4,71E-07	0,000	-2,59E-08	8,05E-08
Abiotic Depletion Potential Fossil Fuels (ADPF) [MJ]	5,04E+01	6,86E+01	1,68E+01	0,000	-5,62E+01	2,12E+01
Energy (net calorific value) [MJ]	6,22E+01	6,97E+01	2,77E+01	0,000	-5,64E+01	2,13E+01
Energy ren. (net calorafic value) [MJ]	1,96E+01	6,66E+00	1,50E+01	0,000	-2,25E+00	1,24E-01
Water consumption [kg]	1,90E+01	1,18E+01	1,44E+01	0,000	-7,39E+00	1,70E-01
Air pollution [m^3]	3,45E+02	9,47E+02	9,63E+01	0,000	-7,87E+02	8,91E+01
Water pollution [m^3]	7,14E-01	4,49E-01	4,17E-01	0,000	-2,73E-01	1,21E-01
Hazardous waste for disposal [kg]	4,23E-08	3,93E-08	2,38E-09	0,000	5,58E-10	7,49E-11
Disposed of non-hazardous waste [kg]	4,94E-02	1,03E-01	2,05E-02	0,000	-7,59E-02	2,16E-03
Disposed of radioactive waste [kg]	4,69E-03	4,23E-04	4,32E-03	0,000	-9,28E-05	3,41E-05

evaluated from CML 2001, August 2016

1.3.83 S-WWP-S-8x380/100 Z

IT- Number	Product name	Pcs. per Sales pack	Weight [kg]	Material
2363539	S-WWP-S-8x380/100 Z	50	4,281	Steel, Cardboard

Environmental impact category	Total	Raw material	Produc-tion	Use	End of life	Transpor-tation
Global Warming Potential (GWP 100 years) [kg CO2-eq.]	4,711	8,335	1,580	0,000	-6,863	1,660
Ozone Depletion Potential (ODP, catalytic) [kg R11-eq.]	3,23E-11	8,51E-12	2,70E-11	0,000	-3,41E-12	1,86E-13
Acidification Potential (AP) [kg SO2-eq.]	1,53E-02	1,93E-02	3,27E-03	0,000	-1,58E-02	8,52E-03
Eutrification Potential (EP) [kg $(PO4)^{3-}$ eq.]	2,12E-03	1,88E-03	3,66E-04	0,000	-1,49E-03	1,36E-03
Photochemical Oxidant Potential (POCP) [kg Ethene-eq.]	-1,34E-04	2,92E-03	2,31E-04	0,000	-2,43E-03	-8,54E-04
Abiotic Depletion Potential non-Fossil Resources (ADPE) [kg Sb-eq.]	6,83E-07	1,31E-07	4,95E-07	0,000	-2,70E-08	8,45E-08
Abiotic Depletion Potential Fossil Fuels (ADPF) [MJ]	5,30E+01	7,21E+01	1,77E+01	0,000	-5,91E+01	2,23E+01
Energy (net calorific value) [MJ]	6,54E+01	7,32E+01	2,91E+01	0,000	-5,93E+01	2,24E+01
Energy ren. (net calorafic value) [MJ]	2,04E+01	6,85E+00	1,58E+01	0,000	-2,36E+00	1,30E-01
Water consumption [kg]	1,99E+01	1,24E+01	1,52E+01	0,000	-7,79E+00	1,79E-01
Air pollution [m^3]	3,63E+02	9,96E+02	1,01E+02	0,000	-8,28E+02	9,36E+01
Water pollution [m^3]	7,46E-01	4,67E-01	4,39E-01	0,000	-2,87E-01	1,27E-01
Hazardous waste for disposal [kg]	4,24E-08	3,92E-08	2,51E-09	0,000	5,94E-10	7,87E-11
Disposed of non-hazardous waste [kg]	5,15E-02	1,08E-01	2,16E-02	0,000	-8,02E-02	2,27E-03
Disposed of radioactive waste [kg]	4,93E-03	4,42E-04	4,55E-03	0,000	-9,40E-05	3,58E-05

evaluated from CML 2001, August 2016

1.3.84 S-WWP-S-8x400/100 Z

IT- Number	Product name	Pcs. per Sales pack	Weight [kg]	Material
2363540	S-WWP-S-8x400/100 Z	50	4,487	Steel, Cardboard

Environmental impact category	Total	Raw material	Produc-tion	Use	End of life	Transpor-tation
Global Warming Potential (GWP 100 years) [kg CO2-eq.]	4,941	8,753	1,658	0,000	-7,210	1,740
Ozone Depletion Potential (ODP, catalytic) [kg R11-eq.]	3,38E-11	8,79E-12	2,84E-11	0,000	-3,56E-12	1,95E-13
Acidification Potential (AP) [kg SO2-eq.]	1,60E-02	2,03E-02	3,44E-03	0,000	-1,66E-02	8,93E-03
Eutrification Potential (EP) [kg $(PO4)^{3-}$ eq.]	2,22E-03	1,97E-03	3,84E-04	0,000	-1,56E-03	1,42E-03
Photochemical Oxidant Potential (POCP) [kg Ethene-eq.]	-1,40E-04	3,07E-03	2,42E-04	0,000	-2,55E-03	-8,95E-04
Abiotic Depletion Potential non-Fossil Resources (ADPE) [kg Sb-eq.]	7,14E-07	1,34E-07	5,20E-07	0,000	-2,80E-08	8,86E-08
Abiotic Depletion Potential Fossil Fuels (ADPF) [MJ]	5,55E+01	7,56E+01	1,85E+01	0,000	-6,20E+01	2,34E+01
Energy (net calorific value) [MJ]	6,86E+01	7,68E+01	3,06E+01	0,000	-6,22E+01	2,35E+01
Energy ren. (net calorafic value) [MJ]	2,13E+01	7,04E+00	1,66E+01	0,000	-2,46E+00	1,37E-01
Water consumption [kg]	2,08E+01	1,29E+01	1,59E+01	0,000	-8,19E+00	1,87E-01
Air pollution [m^3]	3,81E+02	1,04E+03	1,06E+02	0,000	-8,69E+02	9,81E+01
Water pollution [m^3]	7,78E-01	4,86E-01	4,60E-01	0,000	-3,01E-01	1,33E-01
Hazardous waste for disposal [kg]	4,25E-08	3,92E-08	2,63E-09	0,000	6,30E-10	8,25E-11
Disposed of non-hazardous waste [kg]	5,36E-02	1,13E-01	2,26E-02	0,000	-8,44E-02	2,38E-03
Disposed of radioactive waste [kg]	5,18E-03	4,62E-04	4,78E-03	0,000	-9,52E-05	3,75E-05

evaluated from CML 2001, August 2016

1.3.85 S-WWP-S-8x500/100 Z

IT- Number	Product name	Pcs. per Sales pack	Weight [kg]	Material
2372406	S-WWP-S-8x500/100 Z	50	5,517	Steel, Cardboard

Environmental impact category	Total	Raw material	Produc-tion	Use	End of life	Transpor-tation
Global Warming Potential (GWP 100 years) [kg CO2-eq.]	6,090	10,845	2,050	0,000	-8,944	2,139
Ozone Depletion Potential (ODP, catalytic) [kg R11-eq.]	4,12E-11	1,02E-11	3,51E-11	0,000	-4,31E-12	2,40E-13
Acidification Potential (AP) [kg SO2-eq.]	1,97E-02	2,50E-02	4,25E-03	0,000	-2,06E-02	1,10E-02
Eutrification Potential (EP) [kg $(PO4)^{3-}$ eq.]	2,71E-03	2,41E-03	4,75E-04	0,000	-1,93E-03	1,75E-03
Photochemical Oxidant Potential (POCP) [kg Ethene-eq.]	-1,70E-04	3,79E-03	2,99E-04	0,000	-3,16E-03	-1,10E-03
Abiotic Depletion Potential non-Fossil Resources (ADPE) [kg Sb-eq.]	8,68E-07	1,50E-07	6,43E-07	0,000	-3,31E-08	1,09E-07
Abiotic Depletion Potential Fossil Fuels (ADPF) [MJ]	6,84E+01	9,31E+01	2,29E+01	0,000	-7,64E+01	2,88E+01
Energy (net calorific value) [MJ]	8,45E+01	9,45E+01	3,78E+01	0,000	-7,67E+01	2,89E+01
Energy ren. (net calorafic value) [MJ]	2,57E+01	7,97E+00	2,05E+01	0,000	-2,98E+00	1,68E-01
Water consumption [kg]	2,53E+01	1,56E+01	1,97E+01	0,000	-1,02E+01	2,30E-01
Air pollution [m^3]	4,69E+02	1,29E+03	1,32E+02	0,000	-1,07E+03	1,21E+02
Water pollution [m^3]	9,39E-01	5,77E-01	5,69E-01	0,000	-3,70E-01	1,64E-01
Hazardous waste for disposal [kg]	4,32E-08	3,90E-08	3,26E-09	0,000	8,12E-10	1,01E-10
Disposed of non-hazardous waste [kg]	6,39E-02	1,39E-01	2,80E-02	0,000	-1,06E-01	2,92E-03
Disposed of radioactive waste [kg]	6,41E-03	5,59E-04	5,91E-03	0,000	-1,01E-04	4,61E-05

evaluated from CML 2001, August 2016

1.3.86 S-WWP-S-8x580/100 Z

IT- Number	Product name	Pcs. per Sales pack	Weight [kg]	Material
2372407	S-WWP-S-8x580/100 Z	25	6,393	Steel, Cardboard

Environmental impact category	Total	Raw material	Produc-tion	Use	End of life	Transpor-tation
Global Warming Potential (GWP 100 years) [kg CO2-eq.]	7,048	12,511	2,368	0,000	-10,310	2,479
Ozone Depletion Potential (ODP, catalytic) [kg R11-eq.]	4,80E-11	1,23E-11	4,05E-11	0,000	-5,04E-12	2,78E-13
Acidification Potential (AP) [kg SO2-eq.]	2,28E-02	2,89E-02	4,91E-03	0,000	-2,37E-02	1,27E-02
Eutrification Potential (EP) [kg $(PO4)^{3-}$ eq.]	3,15E-03	2,80E-03	5,49E-04	0,000	-2,23E-03	2,03E-03
Photochemical Oxidant Potential (POCP) [kg Ethene-eq.]	-1,98E-04	4,38E-03	3,46E-04	0,000	-3,65E-03	-1,28E-03
Abiotic Depletion Potential non-Fossil Resources (ADPE) [kg Sb-eq.]	1,01E-06	1,84E-07	7,42E-07	0,000	-3,92E-08	1,26E-07
Abiotic Depletion Potential Fossil Fuels (ADPF) [MJ]	7,92E+01	1,08E+02	2,65E+01	0,000	-8,84E+01	3,33E+01
Energy (net calorific value) [MJ]	9,78E+01	1,09E+02	4,36E+01	0,000	-8,87E+01	3,35E+01
Energy ren. (net calorafic value) [MJ]	3,01E+01	9,71E+00	2,37E+01	0,000	-3,49E+00	1,95E-01
Water consumption [kg]	2,96E+01	1,82E+01	2,28E+01	0,000	-1,17E+01	2,67E-01
Air pollution [m^3]	5,43E+02	1,49E+03	1,52E+02	0,000	-1,24E+03	1,40E+02
Water pollution [m^3]	1,10E+00	6,83E-01	6,57E-01	0,000	-4,29E-01	1,90E-01
Hazardous waste for disposal [kg]	5,64E-08	5,16E-08	3,76E-09	0,000	9,15E-10	1,18E-10
Disposed of non-hazardous waste [kg]	7,54E-02	1,61E-01	3,23E-02	0,000	-1,21E-01	3,39E-03
Disposed of radioactive waste [kg]	7,40E-03	6,54E-04	6,82E-03	0,000	-1,28E-04	5,35E-05

evaluated from CML 2001, August 2016

1.3.87 S-WWP-S-10x140/80 Z

IT- Number	Product name	Pcs. per Sales pack	Weight [kg]	Material
2363541	S-WWP-S-10x140/80 Z	25	1,341	Steel, Cardboard

Environmental impact category	Total	Raw material	Produc-tion	Use	End of life	Transpor-tation
Global Warming Potential (GWP 100 years) [kg CO2-eq.]	1,473	2,593	0,492	0,000	-2,133	0,520
Ozone Depletion Potential (ODP, catalytic) [kg R11-eq.]	1,02E-11	2,79E-12	8,43E-12	0,000	-1,08E-12	5,82E-14
Acidification Potential (AP) [kg SO2-eq.]	4,78E-03	6,03E-03	1,02E-03	0,000	-4,94E-03	2,67E-03
Eutrification Potential (EP) [kg $(PO4)^{3-}$ eq.]	6,66E-04	5,90E-04	1,14E-04	0,000	-4,63E-04	4,25E-04
Photochemical Oxidant Potential (POCP) [kg Ethene-eq.]	-4,23E-05	9,12E-04	7,19E-05	0,000	-7,58E-04	-2,67E-04
Abiotic Depletion Potential non-Fossil Resources (ADPE) [kg Sb-eq.]	2,16E-07	4,40E-08	1,54E-07	0,000	-8,72E-09	2,65E-08
Abiotic Depletion Potential Fossil Fuels (ADPF) [MJ]	1,66E+01	2,25E+01	5,50E+00	0,000	-1,85E+01	6,99E+00
Energy (net calorific value) [MJ]	2,05E+01	2,29E+01	9,07E+00	0,000	-1,85E+01	7,02E+00
Energy ren. (net calorafic value) [MJ]	6,51E+00	2,29E+00	4,93E+00	0,000	-7,46E-01	4,09E-02
Water consumption [kg]	6,31E+00	3,93E+00	4,74E+00	0,000	-2,41E+00	5,60E-02
Air pollution [m^3]	1,13E+02	3,11E+02	3,16E+01	0,000	-2,58E+02	2,93E+01
Water pollution [m^3]	2,37E-01	1,51E-01	1,37E-01	0,000	-8,98E-02	3,98E-02
Hazardous waste for disposal [kg]	1,52E-08	1,42E-08	7,82E-10	0,000	1,78E-10	2,46E-11
Disposed of non-hazardous waste [kg]	1,65E-02	3,38E-02	6,73E-03	0,000	-2,47E-02	7,11E-04
Disposed of radioactive waste [kg]	1,54E-03	1,40E-04	1,42E-03	0,000	-3,28E-05	1,12E-05

evaluated from CML 2001, August 2016

1.3.88 S-WWP-S-10x160/80 Z

IT- Number	Product name	Pcs. per Sales pack	Weight [kg]	Material
2363542	S-WWP-S-10x160/80 Z	25	1,490	Steel, Cardboard

Environmental impact category	Total	Raw material	Produc-tion	Use	End of life	Transpor-tation
Global Warming Potential (GWP 100 years) [kg CO2-eq.]	1,639	2,896	0,549	0,000	-2,384	0,578
Ozone Depletion Potential (ODP, catalytic) [kg R11-eq.]	1,13E-11	3,00E-12	9,40E-12	0,000	-1,19E-12	6,47E-14
Acidification Potential (AP) [kg SO2-eq.]	5,31E-03	6,72E-03	1,14E-03	0,000	-5,51E-03	2,97E-03
Eutrification Potential (EP) [kg $(PO4)^{3-}$ eq.]	7,38E-04	6,55E-04	1,27E-04	0,000	-5,17E-04	4,72E-04
Photochemical Oxidant Potential (POCP) [kg Ethene-eq.]	-4,66E-05	1,02E-03	8,02E-05	0,000	-8,45E-04	-2,97E-04
Abiotic Depletion Potential non-Fossil Resources (ADPE) [kg Sb-eq.]	2,38E-07	4,63E-08	1,72E-07	0,000	-9,46E-09	2,94E-08
Abiotic Depletion Potential Fossil Fuels (ADPF) [MJ]	1,84E+01	2,51E+01	6,14E+00	0,000	-2,05E+01	7,76E+00
Energy (net calorific value) [MJ]	2,28E+01	2,55E+01	1,01E+01	0,000	-2,06E+01	7,80E+00
Energy ren. (net calorafic value) [MJ]	7,14E+00	2,42E+00	5,49E+00	0,000	-8,22E-01	4,54E-02
Water consumption [kg]	6,96E+00	4,32E+00	5,28E+00	0,000	-2,70E+00	6,22E-02
Air pollution [m^3]	1,26E+02	3,46E+02	3,52E+01	0,000	-2,88E+02	3,26E+01
Water pollution [m^3]	2,61E-01	1,64E-01	1,52E-01	0,000	-9,98E-02	4,42E-02
Hazardous waste for disposal [kg]	1,53E-08	1,42E-08	8,72E-10	0,000	2,05E-10	2,74E-11
Disposed of non-hazardous waste [kg]	1,80E-02	3,76E-02	7,50E-03	0,000	-2,78E-02	7,90E-04
Disposed of radioactive waste [kg]	1,71E-03	1,54E-04	1,58E-03	0,000	-3,37E-05	1,25E-05

evaluated from CML 2001, August 2016

1.3.89 S-WWP-S-10x180/100 Z

IT- Number	Product name	Pcs. per Sales pack	Weight [kg]	Material
2363543	S-WWP-S-10x180/100 Z	25	1,639	Steel, Cardboard

Environmental impact category	Total	Raw material	Produc-tion	Use	End of life	Transpor-tation
Global Warming Potential (GWP 100 years) [kg CO2-eq.]	1,805	3,198	0,606	0,000	-2,635	0,635
Ozone Depletion Potential (ODP, catalytic) [kg R11-eq.]	1,23E-11	3,20E-12	1,04E-11	0,000	-1,30E-12	7,12E-14
Acidification Potential (AP) [kg SO2-eq.]	5,84E-03	7,40E-03	1,26E-03	0,000	-6,08E-03	3,26E-03
Eutrification Potential (EP) [kg $(PO4)^{3-}$ eq.]	8,09E-04	7,19E-04	1,40E-04	0,000	-5,70E-04	5,19E-04
Photochemical Oxidant Potential (POCP) [kg Ethene-eq.]	-5,10E-05	1,12E-03	8,85E-05	0,000	-9,33E-04	-3,27E-04
Abiotic Depletion Potential non-Fossil Resources (ADPE) [kg Sb-eq.]	2,61E-07	4,86E-08	1,90E-07	0,000	-1,02E-08	3,24E-08
Abiotic Depletion Potential Fossil Fuels (ADPF) [MJ]	2,03E+01	2,76E+01	6,77E+00	0,000	-2,26E+01	8,54E+00
Energy (net calorific value) [MJ]	2,51E+01	2,80E+01	1,12E+01	0,000	-2,27E+01	8,58E+00
Energy ren. (net calorafic value) [MJ]	7,77E+00	2,56E+00	6,06E+00	0,000	-8,98E-01	4,99E-02
Water consumption [kg]	7,61E+00	4,71E+00	5,83E+00	0,000	-2,99E+00	6,84E-02
Air pollution [m^3]	1,39E+02	3,82E+02	3,89E+01	0,000	-3,17E+02	3,58E+01
Water pollution [m^3]	2,84E-01	1,77E-01	1,68E-01	0,000	-1,10E-01	4,86E-02
Hazardous waste for disposal [kg]	1,54E-08	1,42E-08	9,62E-10	0,000	2,31E-10	3,01E-11
Disposed of non-hazardous waste [kg]	1,95E-02	4,13E-02	8,27E-03	0,000	-3,09E-02	8,69E-04
Disposed of radioactive waste [kg]	1,89E-03	1,68E-04	1,75E-03	0,000	-3,45E-05	1,37E-05

evaluated from CML 2001, August 2016

1.3.90 S-WWP-S-10x200/100 Z

IT- Number	Product name	Pcs. per Sales pack	Weight [kg]	Material
2363544	S-WWP-S-10x200/100 Z	25	1,823	Steel, Cardboard

Environmental impact category	Total	Raw material	Produc-tion	Use	End of life	Transpor-tation
Global Warming Potential (GWP 100 years) [kg CO2-eq.]	1,993	3,476	0,663	0,000	-2,852	0,707
Ozone Depletion Potential (ODP, catalytic) [kg R11-eq.]	1,41E-11	4,15E-12	1,13E-11	0,000	-1,52E-12	7,92E-14
Acidification Potential (AP) [kg SO2-eq.]	6,51E-03	8,16E-03	1,37E-03	0,000	-6,65E-03	3,63E-03
Eutrification Potential (EP) [kg $(PO4)^{3-}$ eq.]	9,14E-04	8,07E-04	1,54E-04	0,000	-6,24E-04	5,78E-04
Photochemical Oxidant Potential (POCP) [kg Ethene-eq.]	-5,86E-05	1,23E-03	9,68E-05	0,000	-1,02E-03	-3,64E-04
Abiotic Depletion Potential non-Fossil Resources (ADPE) [kg Sb-eq.]	3,00E-07	6,88E-08	2,08E-07	0,000	-1,27E-08	3,60E-08
Abiotic Depletion Potential Fossil Fuels (ADPF) [MJ]	2,25E+01	3,06E+01	7,40E+00	0,000	-2,49E+01	9,50E+00
Energy (net calorific value) [MJ]	2,77E+01	3,10E+01	1,22E+01	0,000	-2,51E+01	9,54E+00
Energy ren. (net calorafic value) [MJ]	9,17E+00	3,52E+00	6,63E+00	0,000	-1,04E+00	5,55E-02
Water consumption [kg]	8,75E+00	5,51E+00	6,37E+00	0,000	-3,21E+00	7,61E-02
Air pollution [m^3]	1,54E+02	4,19E+02	4,25E+01	0,000	-3,48E+02	3,98E+01
Water pollution [m^3]	3,33E-01	2,17E-01	1,84E-01	0,000	-1,22E-01	5,40E-02
Hazardous waste for disposal [kg]	2,62E-08	2,49E-08	1,05E-09	0,000	2,20E-10	3,35E-11
Disposed of non-hazardous waste [kg]	2,37E-02	4,62E-02	9,05E-03	0,000	-3,25E-02	9,66E-04
Disposed of radioactive waste [kg]	2,07E-03	1,96E-04	1,91E-03	0,000	-5,43E-05	1,52E-05

evaluated from CML 2001, August 2016

1.3.91 S-WWP-S-10x220/100 Z

IT- Number	Product name	Pcs. per Sales pack	Weight [kg]	Material
2363545	S-WWP-S-10x220/100 Z	25	1,972	Steel, Cardboard

Environmental impact category	Total	Raw material	Produc-tion	Use	End of life	Transpor-tation
Global Warming Potential (GWP 100 years) [kg CO2-eq.]	2,159	3,778	0,719	0,000	-3,103	0,764
Ozone Depletion Potential (ODP, catalytic) [kg R11-eq.]	1,51E-11	4,36E-12	1,23E-11	0,000	-1,63E-12	8,56E-14
Acidification Potential (AP) [kg SO2-eq.]	7,04E-03	8,84E-03	1,49E-03	0,000	-7,22E-03	3,93E-03
Eutrification Potential (EP) [kg $(PO4)^{3-}$ eq.]	9,86E-04	8,71E-04	1,67E-04	0,000	-6,77E-04	6,25E-04
Photochemical Oxidant Potential (POCP) [kg Ethene-eq.]	-6,29E-05	1,33E-03	1,05E-04	0,000	-1,11E-03	-3,93E-04
Abiotic Depletion Potential non-Fossil Resources (ADPE) [kg Sb-eq.]	3,22E-07	7,11E-08	2,25E-07	0,000	-1,34E-08	3,89E-08
Abiotic Depletion Potential Fossil Fuels (ADPF) [MJ]	2,44E+01	3,31E+01	8,04E+00	0,000	-2,70E+01	1,03E+01
Energy (net calorific value) [MJ]	3,00E+01	3,36E+01	1,33E+01	0,000	-2,72E+01	1,03E+01
Energy ren. (net calorafic value) [MJ]	9,80E+00	3,66E+00	7,20E+00	0,000	-1,12E+00	6,01E-02
Water consumption [kg]	9,40E+00	5,90E+00	6,92E+00	0,000	-3,50E+00	8,23E-02
Air pollution [m^3]	1,67E+02	4,55E+02	4,61E+01	0,000	-3,77E+02	4,31E+01
Water pollution [m^3]	3,57E-01	2,30E-01	2,00E-01	0,000	-1,32E-01	5,85E-02
Hazardous waste for disposal [kg]	2,63E-08	2,49E-08	1,14E-09	0,000	2,46E-10	3,62E-11
Disposed of non-hazardous waste [kg]	2,52E-02	4,99E-02	9,82E-03	0,000	-3,56E-02	1,05E-03
Disposed of radioactive waste [kg]	2,24E-03	2,10E-04	2,07E-03	0,000	-5,51E-05	1,65E-05

evaluated from CML 2001, August 2016

1.3.92 S-WWP-S-10x240/100 Z

IT- Number	Product name	Pcs. per Sales pack	Weight [kg]	Material
2363546	S-WWP-S-10x240/100 Z	25	2,121	Steel, Cardboard

Environmental impact category	Total	Raw material	Produc-tion	Use	End of life	Transpor-tation
Global Warming Potential (GWP 100 years) [kg CO2-eq.]	2,326	4,081	0,776	0,000	-3,354	0,822
Ozone Depletion Potential (ODP, catalytic) [kg R11-eq.]	1,62E-11	4,57E-12	1,33E-11	0,000	-1,73E-12	9,21E-14
Acidification Potential (AP) [kg SO2-eq.]	7,57E-03	9,52E-03	1,61E-03	0,000	-7,79E-03	4,22E-03
Eutrification Potential (EP) [kg $(PO4)^{3-}$ eq.]	1,06E-03	9,36E-04	1,80E-04	0,000	-7,30E-04	6,72E-04
Photochemical Oxidant Potential (POCP) [kg Ethene-eq.]	-6,73E-05	1,44E-03	1,13E-04	0,000	-1,20E-03	-4,23E-04
Abiotic Depletion Potential non-Fossil Resources (ADPE) [kg Sb-eq.]	3,44E-07	7,34E-08	2,43E-07	0,000	-1,41E-08	4,19E-08
Abiotic Depletion Potential Fossil Fuels (ADPF) [MJ]	2,62E+01	3,56E+01	8,67E+00	0,000	-2,91E+01	1,11E+01
Energy (net calorific value) [MJ]	3,23E+01	3,62E+01	1,43E+01	0,000	-2,93E+01	1,11E+01
Energy ren. (net calorafic value) [MJ]	1,04E+01	3,79E+00	7,76E+00	0,000	-1,19E+00	6,46E-02
Water consumption [kg]	1,01E+01	6,29E+00	7,46E+00	0,000	-3,79E+00	8,85E-02
Air pollution [m^3]	1,79E+02	4,90E+02	4,98E+01	0,000	-4,07E+02	4,64E+01
Water pollution [m^3]	3,80E-01	2,44E-01	2,15E-01	0,000	-1,42E-01	6,29E-02
Hazardous waste for disposal [kg]	2,64E-08	2,48E-08	1,23E-09	0,000	2,73E-10	3,90E-11
Disposed of non-hazardous waste [kg]	2,67E-02	5,36E-02	1,06E-02	0,000	-3,86E-02	1,12E-03
Disposed of radioactive waste [kg]	2,42E-03	2,24E-04	2,24E-03	0,000	-5,60E-05	1,77E-05

evaluated from CML 2001, August 2016

1.3.93 S-WWP-S-10x260/100 Z

IT- Number	Product name	Pcs. per Sales pack	Weight [kg]	Material
2363547	S-WWP-S-10x260/100 Z	25	2,285	Steel, Cardboard

Environmental impact category	Total	Raw material	Produc-tion	Use	End of life	Transpor-tation
Global Warming Potential (GWP 100 years) [kg CO2-eq.]	2,501	4,373	0,833	0,000	-3,590	0,886
Ozone Depletion Potential (ODP, catalytic) [kg R11-eq.]	1,76E-11	5,09E-12	1,43E-11	0,000	-1,89E-12	9,92E-14
Acidification Potential (AP) [kg SO2-eq.]	8,16E-03	1,02E-02	1,73E-03	0,000	-8,36E-03	4,55E-03
Eutrification Potential (EP) [kg $(PO4)^{3-}$ eq.]	1,14E-03	1,01E-03	1,93E-04	0,000	-7,84E-04	7,24E-04
Photochemical Oxidant Potential (POCP) [kg Ethene-eq.]	-7,31E-05	1,54E-03	1,22E-04	0,000	-1,28E-03	-4,56E-04
Abiotic Depletion Potential non-Fossil Resources (ADPE) [kg Sb-eq.]	3,74E-07	8,34E-08	2,61E-07	0,000	-1,56E-08	4,51E-08
Abiotic Depletion Potential Fossil Fuels (ADPF) [MJ]	2,82E+01	3,83E+01	9,31E+00	0,000	-3,13E+01	1,19E+01
Energy (net calorific value) [MJ]	3,48E+01	3,89E+01	1,53E+01	0,000	-3,15E+01	1,20E+01
Energy ren. (net calorafic value) [MJ]	1,14E+01	4,28E+00	8,33E+00	0,000	-1,29E+00	6,96E-02
Water consumption [kg]	1,09E+01	6,85E+00	8,01E+00	0,000	-4,04E+00	9,54E-02
Air pollution [m^3]	1,93E+02	5,26E+02	5,34E+01	0,000	-4,37E+02	4,99E+01
Water pollution [m^3]	4,14E-01	2,68E-01	2,31E-01	0,000	-1,53E-01	6,77E-02
Hazardous waste for disposal [kg]	3,11E-08	2,94E-08	1,32E-09	0,000	2,83E-10	4,20E-11
Disposed of non-hazardous waste [kg]	2,93E-02	5,78E-02	1,14E-02	0,000	-4,11E-02	1,21E-03
Disposed of radioactive waste [kg]	2,60E-03	2,44E-04	2,40E-03	0,000	-6,50E-05	1,91E-05

evaluated from CML 2001, August 2016

1.3.94 S-WWP-S-10x280/100 Z

IT- Number	Product name	Pcs. per Sales pack	Weight [kg]	Material
2363548	S-WWP-S-10x280/100 Z	25	2,434	Steel, Cardboard

Environmental impact category	Total	Raw material	Produc-tion	Use	End of life	Transpor-tation
Global Warming Potential (GWP 100 years) [kg CO2-eq.]	2,667	4,675	0,890	0,000	-3,841	0,944
Ozone Depletion Potential (ODP, catalytic) [kg R11-eq.]	1,86E-11	5,30E-12	1,52E-11	0,000	-2,00E-12	1,06E-13
Acidification Potential (AP) [kg SO2-eq.]	8,69E-03	1,09E-02	1,84E-03	0,000	-8,93E-03	4,85E-03
Eutrification Potential (EP) [kg $(PO4)^{3-}$ eq.]	1,21E-03	1,07E-03	2,06E-04	0,000	-8,37E-04	7,71E-04
Photochemical Oxidant Potential (POCP) [kg Ethene-eq.]	-7,74E-05	1,65E-03	1,30E-04	0,000	-1,37E-03	-4,86E-04
Abiotic Depletion Potential non-Fossil Resources (ADPE) [kg Sb-eq.]	3,96E-07	8,57E-08	2,79E-07	0,000	-1,63E-08	4,81E-08
Abiotic Depletion Potential Fossil Fuels (ADPF) [MJ]	3,01E+01	4,09E+01	9,94E+00	0,000	-3,34E+01	1,27E+01
Energy (net calorific value) [MJ]	3,71E+01	4,15E+01	1,64E+01	0,000	-3,36E+01	1,27E+01
Energy ren. (net calorafic value) [MJ]	1,20E+01	4,42E+00	8,90E+00	0,000	-1,37E+00	7,42E-02
Water consumption [kg]	1,16E+01	7,24E+00	8,55E+00	0,000	-4,33E+00	1,02E-01
Air pollution [m^3]	2,06E+02	5,62E+02	5,71E+01	0,000	-4,66E+02	5,32E+01
Water pollution [m^3]	4,38E-01	2,81E-01	2,47E-01	0,000	-1,63E-01	7,22E-02
Hazardous waste for disposal [kg]	3,12E-08	2,94E-08	1,41E-09	0,000	3,09E-10	4,47E-11
Disposed of non-hazardous waste [kg]	3,08E-02	6,16E-02	1,21E-02	0,000	-4,42E-02	1,29E-03
Disposed of radioactive waste [kg]	2,77E-03	2,58E-04	2,56E-03	0,000	-6,58E-05	2,04E-05

evaluated from CML 2001, August 2016

1.3.95 S-WWP-S-10x300/100 Z

IT- Number	Product name	Pcs. per Sales pack	Weight [kg]	Material
2363549	S-WWP-S-10x300/100 Z	25	2,583	Steel, Cardboard

Environmental impact category	Total	Raw material	Produc-tion	Use	End of life	Transpor-tation
Global Warming Potential (GWP 100 years) [kg CO2-eq.]	2,834	4,978	0,946	0,000	-4,092	1,001
Ozone Depletion Potential (ODP, catalytic) [kg R11-eq.]	1,97E-11	5,50E-12	1,62E-11	0,000	-2,11E-12	1,12E-13
Acidification Potential (AP) [kg SO2-eq.]	9,22E-03	1,16E-02	1,96E-03	0,000	-9,49E-03	5,14E-03
Eutrification Potential (EP) [kg $(PO4)^{3-}$ eq.]	1,29E-03	1,14E-03	2,19E-04	0,000	-8,91E-04	8,19E-04
Photochemical Oxidant Potential (POCP) [kg Ethene-eq.]	-8,18E-05	1,75E-03	1,38E-04	0,000	-1,46E-03	-5,15E-04
Abiotic Depletion Potential non-Fossil Resources (ADPE) [kg Sb-eq.]	4,18E-07	8,80E-08	2,97E-07	0,000	-1,71E-08	5,10E-08
Abiotic Depletion Potential Fossil Fuels (ADPF) [MJ]	3,19E+01	4,34E+01	1,06E+01	0,000	-3,55E+01	1,35E+01
Energy (net calorific value) [MJ]	3,94E+01	4,41E+01	1,74E+01	0,000	-3,57E+01	1,35E+01
Energy ren. (net calorafic value) [MJ]	1,27E+01	4,55E+00	9,46E+00	0,000	-1,45E+00	7,87E-02
Water consumption [kg]	1,22E+01	7,63E+00	9,10E+00	0,000	-4,62E+00	1,08E-01
Air pollution [m^3]	2,18E+02	5,97E+02	6,07E+01	0,000	-4,96E+02	5,64E+01
Water pollution [m^3]	4,61E-01	2,95E-01	2,63E-01	0,000	-1,73E-01	7,66E-02
Hazardous waste for disposal [kg]	3,13E-08	2,94E-08	1,50E-09	0,000	3,35E-10	4,75E-11
Disposed of non-hazardous waste [kg]	3,23E-02	6,53E-02	1,29E-02	0,000	-4,72E-02	1,37E-03
Disposed of radioactive waste [kg]	2,95E-03	2,72E-04	2,73E-03	0,000	-6,67E-05	2,16E-05

evaluated from CML 2001, August 2016

1.3.96 S-WWP-S-10x320/100 Z

IT- Number	Product name	Pcs. per Sales pack	Weight [kg]	Material
2363550	S-WWP-S-10x320/100 Z	25	2,746	Steel, Cardboard

Environmental impact category	Total	Raw material	Produc-tion	Use	End of life	Transpor-tation
Global Warming Potential (GWP 100 years) [kg CO2-eq.]	3,009	5,270	1,003	0,000	-4,330	1,065
Ozone Depletion Potential (ODP, catalytic) [kg R11-eq.]	2,10E-11	6,01E-12	1,72E-11	0,000	-2,26E-12	1,19E-13
Acidification Potential (AP) [kg SO2-eq.]	9,80E-03	1,23E-02	2,08E-03	0,000	-1,01E-02	5,47E-03
Eutrification Potential (EP) [kg $(PO4)^{3-}$ eq.]	1,37E-03	1,21E-03	2,32E-04	0,000	-9,44E-04	8,70E-04
Photochemical Oxidant Potential (POCP) [kg Ethene-eq.]	-8,75E-05	1,86E-03	1,46E-04	0,000	-1,54E-03	-5,48E-04
Abiotic Depletion Potential non-Fossil Resources (ADPE) [kg Sb-eq.]	4,47E-07	9,74E-08	3,14E-07	0,000	-1,85E-08	5,42E-08
Abiotic Depletion Potential Fossil Fuels (ADPF) [MJ]	3,39E+01	4,61E+01	1,12E+01	0,000	-3,77E+01	1,43E+01
Energy (net calorific value) [MJ]	4,18E+01	4,68E+01	1,85E+01	0,000	-3,79E+01	1,44E+01
Energy ren. (net calorafic value) [MJ]	1,36E+01	5,02E+00	1,00E+01	0,000	-1,55E+00	8,37E-02
Water consumption [kg]	1,31E+01	8,18E+00	9,64E+00	0,000	-4,88E+00	1,15E-01
Air pollution [m^3]	2,32E+02	6,34E+02	6,43E+01	0,000	-5,26E+02	6,00E+01
Water pollution [m^3]	4,95E-01	3,19E-01	2,78E-01	0,000	-1,84E-01	8,14E-02
Hazardous waste for disposal [kg]	3,56E-08	3,36E-08	1,59E-09	0,000	3,47E-10	5,05E-11
Disposed of non-hazardous waste [kg]	3,49E-02	6,95E-02	1,37E-02	0,000	-4,97E-02	1,46E-03
Disposed of radioactive waste [kg]	3,13E-03	2,91E-04	2,89E-03	0,000	-7,51E-05	2,30E-05

evaluated from CML 2001, August 2016

1.3.97 S-WWP-S-10x340/100 Z

IT- Number	Product name	Pcs. per Sales pack	Weight [kg]	Material
2363551	S-WWP-S-10x340/100 Z	25	2,895	Steel, Cardboard

Environmental impact category	Total	Raw material	Produc-tion	Use	End of life	Transpor-tation
Global Warming Potential (GWP 100 years) [kg CO2-eq.]	3,175	5,573	1,060	0,000	-4,580	1,122
Ozone Depletion Potential (ODP, catalytic) [kg R11-eq.]	2,21E-11	6,21E-12	1,81E-11	0,000	-2,37E-12	1,26E-13
Acidification Potential (AP) [kg SO2-eq.]	1,03E-02	1,30E-02	2,20E-03	0,000	-1,06E-02	5,76E-03
Eutrification Potential (EP) [kg $(PO4)^{3-}$ eq.]	1,44E-03	1,28E-03	2,46E-04	0,000	-9,97E-04	9,18E-04
Photochemical Oxidant Potential (POCP) [kg Ethene-eq.]	-9,18E-05	1,96E-03	1,55E-04	0,000	-1,63E-03	-5,78E-04
Abiotic Depletion Potential non-Fossil Resources (ADPE) [kg Sb-eq.]	4,70E-07	9,97E-08	3,32E-07	0,000	-1,92E-08	5,72E-08
Abiotic Depletion Potential Fossil Fuels (ADPF) [MJ]	3,58E+01	4,86E+01	1,18E+01	0,000	-3,98E+01	1,51E+01
Energy (net calorific value) [MJ]	4,41E+01	4,94E+01	1,95E+01	0,000	-4,00E+01	1,51E+01
Energy ren. (net calorafic value) [MJ]	1,42E+01	5,16E+00	1,06E+01	0,000	-1,62E+00	8,82E-02
Water consumption [kg]	1,37E+01	8,57E+00	1,02E+01	0,000	-5,17E+00	1,21E-01
Air pollution [m^3]	2,45E+02	6,69E+02	6,80E+01	0,000	-5,56E+02	6,33E+01
Water pollution [m^3]	5,18E-01	3,32E-01	2,94E-01	0,000	-1,94E-01	8,58E-02
Hazardous waste for disposal [kg]	3,57E-08	3,36E-08	1,68E-09	0,000	3,73E-10	5,32E-11
Disposed of non-hazardous waste [kg]	3,64E-02	7,32E-02	1,45E-02	0,000	-5,28E-02	1,53E-03
Disposed of radioactive waste [kg]	3,31E-03	3,05E-04	3,05E-03	0,000	-7,59E-05	2,42E-05

evaluated from CML 2001, August 2016

1.3.98 S-WWP-S-10x360/100 Z

IT- Number	Product name	Pcs. per Sales pack	Weight [kg]	Material
2363552	S-WWP-S-10x360/100 Z	25	3,044	Steel, Cardboard

Environmental impact category	Total	Raw material	Produc-tion	Use	End of life	Transpor-tation
Global Warming Potential (GWP 100 years) [kg CO2-eq.]	3,341	5,876	1,116	0,000	-4,831	1,180
Ozone Depletion Potential (ODP, catalytic) [kg R11-eq.]	2,32E-11	6,42E-12	1,91E-11	0,000	-2,47E-12	1,32E-13
Acidification Potential (AP) [kg SO2-eq.]	1,09E-02	1,37E-02	2,31E-03	0,000	-1,12E-02	6,06E-03
Eutrification Potential (EP) [kg $(PO4)^{3-}$ eq.]	1,51E-03	1,34E-03	2,59E-04	0,000	-1,05E-03	9,65E-04
Photochemical Oxidant Potential (POCP) [kg Ethene-eq.]	-9,62E-05	2,07E-03	1,63E-04	0,000	-1,72E-03	-6,07E-04
Abiotic Depletion Potential non-Fossil Resources (ADPE) [kg Sb-eq.]	4,92E-07	1,02E-07	3,50E-07	0,000	-2,00E-08	6,01E-08
Abiotic Depletion Potential Fossil Fuels (ADPF) [MJ]	3,76E+01	5,12E+01	1,25E+01	0,000	-4,19E+01	1,59E+01
Energy (net calorific value) [MJ]	4,64E+01	5,20E+01	2,06E+01	0,000	-4,21E+01	1,59E+01
Energy ren. (net calorafic value) [MJ]	1,49E+01	5,29E+00	1,12E+01	0,000	-1,70E+00	9,27E-02
Water consumption [kg]	1,44E+01	8,96E+00	1,07E+01	0,000	-5,46E+00	1,27E-01
Air pollution [m^3]	2,58E+02	7,05E+02	7,16E+01	0,000	-5,85E+02	6,65E+01
Water pollution [m^3]	5,41E-01	3,45E-01	3,10E-01	0,000	-2,04E-01	9,03E-02
Hazardous waste for disposal [kg]	3,58E-08	3,36E-08	1,77E-09	0,000	3,99E-10	5,60E-11
Disposed of non-hazardous waste [kg]	3,79E-02	7,69E-02	1,52E-02	0,000	-5,59E-02	1,61E-03
Disposed of radioactive waste [kg]	3,48E-03	3,20E-04	3,22E-03	0,000	-7,68E-05	2,55E-05

evaluated from CML 2001, August 2016

1.3.99 S-WWP-S-10x380/100 Z

IT- Number	Product name	Pcs. per Sales pack	Weight [kg]	Material
2363553	S-WWP-S-10x380/100 Z	25	3,193	Steel, Cardboard

Environmental impact category	Total	Raw material	Produc-tion	Use	End of life	Transpor-tation
Global Warming Potential (GWP 100 years) [kg CO2-eq.]	3,507	6,178	1,173	0,000	-5,082	1,238
Ozone Depletion Potential (ODP, catalytic) [kg R11-eq.]	2,43E-11	6,63E-12	2,01E-11	0,000	-2,58E-12	1,39E-13
Acidification Potential (AP) [kg SO2-eq.]	1,14E-02	1,44E-02	2,43E-03	0,000	-1,18E-02	6,36E-03
Eutrification Potential (EP) [kg $(PO4)^{3-}$ eq.]	1,59E-03	1,41E-03	2,72E-04	0,000	-1,10E-03	1,01E-03
Photochemical Oxidant Potential (POCP) [kg Ethene-eq.]	-1,01E-04	2,17E-03	1,71E-04	0,000	-1,81E-03	-6,37E-04
Abiotic Depletion Potential non-Fossil Resources (ADPE) [kg Sb-eq.]	5,14E-07	1,04E-07	3,68E-07	0,000	-2,07E-08	6,30E-08
Abiotic Depletion Potential Fossil Fuels (ADPF) [MJ]	3,95E+01	5,37E+01	1,31E+01	0,000	-4,40E+01	1,66E+01
Energy (net calorific value) [MJ]	4,87E+01	5,45E+01	2,16E+01	0,000	-4,42E+01	1,67E+01
Energy ren. (net calorafic value) [MJ]	1,55E+01	5,43E+00	1,17E+01	0,000	-1,78E+00	9,73E-02
Water consumption [kg]	1,50E+01	9,35E+00	1,13E+01	0,000	-5,75E+00	1,33E-01
Air pollution [m^3]	2,70E+02	7,40E+02	7,53E+01	0,000	-6,15E+02	6,98E+01
Water pollution [m^3]	5,65E-01	3,58E-01	3,26E-01	0,000	-2,14E-01	9,47E-02
Hazardous waste for disposal [kg]	3,59E-08	3,36E-08	1,86E-09	0,000	4,26E-10	5,87E-11
Disposed of non-hazardous waste [kg]	3,93E-02	8,06E-02	1,60E-02	0,000	-5,89E-02	1,69E-03
Disposed of radioactive waste [kg]	3,66E-03	3,34E-04	3,38E-03	0,000	-7,76E-05	2,67E-05

evaluated from CML 2001, August 2016

1.3.100 S-WWP-S-10x400/100 Z

IT- Number	Product name	Pcs. per Sales pack	Weight [kg]	Material
2363554	S-WWP-S-10x400/100 Z	25	3,342	Steel, Cardboard

Environmental impact category	Total	Raw material	Produc-tion	Use	End of life	Transpor-tation
Global Warming Potential (GWP 100 years) [kg CO2-eq.]	3,673	6,481	1,230	0,000	-5,333	1,296
Ozone Depletion Potential (ODP, catalytic) [kg R11-eq.]	2,53E-11	6,83E-12	2,10E-11	0,000	-2,69E-12	1,45E-13
Acidification Potential (AP) [kg SO2-eq.]	1,19E-02	1,51E-02	2,55E-03	0,000	-1,23E-02	6,65E-03
Eutrification Potential (EP) [kg $(PO4)^{3-}$ eq.]	1,66E-03	1,47E-03	2,85E-04	0,000	-1,16E-03	1,06E-03
Photochemical Oxidant Potential (POCP) [kg Ethene-eq.]	-1,05E-04	2,28E-03	1,80E-04	0,000	-1,89E-03	-6,67E-04
Abiotic Depletion Potential non-Fossil Resources (ADPE) [kg Sb-eq.]	5,37E-07	1,07E-07	3,85E-07	0,000	-2,15E-08	6,60E-08
Abiotic Depletion Potential Fossil Fuels (ADPF) [MJ]	4,13E+01	5,62E+01	1,37E+01	0,000	-4,61E+01	1,74E+01
Energy (net calorific value) [MJ]	5,10E+01	5,71E+01	2,27E+01	0,000	-4,62E+01	1,75E+01
Energy ren. (net calorafic value) [MJ]	1,61E+01	5,56E+00	1,23E+01	0,000	-1,85E+00	1,02E-01
Water consumption [kg]	1,57E+01	9,74E+00	1,18E+01	0,000	-6,04E+00	1,40E-01
Air pollution [m^3]	2,83E+02	7,76E+02	7,89E+01	0,000	-6,44E+02	7,30E+01
Water pollution [m^3]	5,88E-01	3,71E-01	3,41E-01	0,000	-2,24E-01	9,91E-02
Hazardous waste for disposal [kg]	3,60E-08	3,35E-08	1,95E-09	0,000	4,52E-10	6,14E-11
Disposed of non-hazardous waste [kg]	4,08E-02	8,43E-02	1,68E-02	0,000	-6,20E-02	1,77E-03
Disposed of radioactive waste [kg]	3,84E-03	3,48E-04	3,54E-03	0,000	-7,85E-05	2,80E-05

evaluated from CML 2001, August 2016

1.3.101 S-WWP-S-10x500/100 Z

IT- Number	Product name	Pcs. per Sales pack	Weight [kg]	Material
2372408	S-WWP-S-10x500/100 Z	25	4,106	Steel, Cardboard

Environmental impact category	Total	Raw material	Produc-tion	Use	End of life	Transpor-tation
Global Warming Potential (GWP 100 years) [kg CO2-eq.]	4,516	7,980	1,513	0,000	-6,569	1,592
Ozone Depletion Potential (ODP, catalytic) [kg R11-eq.]	3,11E-11	8,27E-12	2,59E-11	0,000	-3,29E-12	1,78E-13
Acidification Potential (AP) [kg SO2-eq.]	1,46E-02	1,85E-02	3,14E-03	0,000	-1,52E-02	8,17E-03
Eutrification Potential (EP) [kg $(PO4)^{3-}$ eq.]	2,03E-03	1,80E-03	3,51E-04	0,000	-1,42E-03	1,30E-03
Photochemical Oxidant Potential (POCP) [kg Ethene-eq.]	-1,29E-04	2,80E-03	2,21E-04	0,000	-2,33E-03	-8,19E-04
Abiotic Depletion Potential non-Fossil Resources (ADPE) [kg Sb-eq.]	6,57E-07	1,28E-07	4,74E-07	0,000	-2,61E-08	8,11E-08
Abiotic Depletion Potential Fossil Fuels (ADPF) [MJ]	5,08E+01	6,91E+01	1,69E+01	0,000	-5,66E+01	2,14E+01
Energy (net calorific value) [MJ]	6,27E+01	7,02E+01	2,79E+01	0,000	-5,69E+01	2,15E+01
Energy ren. (net calorafic value) [MJ]	1,97E+01	6,69E+00	1,51E+01	0,000	-2,27E+00	1,25E-01
Water consumption [kg]	1,92E+01	1,19E+01	1,46E+01	0,000	-7,45E+00	1,71E-01
Air pollution [m^3]	3,48E+02	9,54E+02	9,71E+01	0,000	-7,93E+02	8,97E+01
Water pollution [m^3]	7,19E-01	4,52E-01	4,20E-01	0,000	-2,75E-01	1,22E-01
Hazardous waste for disposal [kg]	4,23E-08	3,93E-08	2,40E-09	0,000	5,63E-10	7,55E-11
Disposed of non-hazardous waste [kg]	4,98E-02	1,03E-01	2,07E-02	0,000	-7,66E-02	2,18E-03
Disposed of radioactive waste [kg]	4,73E-03	4,26E-04	4,36E-03	0,000	-9,30E-05	3,43E-05

evaluated from CML 2001, August 2016

1.3.102 S-WWP-S-10x580/100 Z

IT- Number	Product name	Pcs. per Sales pack	Weight [kg]	Material
2372409	S-WWP-S-10x580/100 Z	25	4,734	Steel, Cardboard

Environmental impact category	Total	Raw material	Produc-tion	Use	End of life	Transpor-tation
Global Warming Potential (GWP 100 years) [kg CO2-eq.]	5,197	9,142	1,737	0,000	-7,517	1,835
Ozone Depletion Potential (ODP, catalytic) [kg R11-eq.]	3,60E-11	9,96E-12	2,97E-11	0,000	-3,84E-12	2,06E-13
Acidification Potential (AP) [kg SO2-eq.]	1,69E-02	2,13E-02	3,60E-03	0,000	-1,74E-02	9,43E-03
Eutrification Potential (EP) [kg $(PO4)^{3-}$ eq.]	2,35E-03	2,09E-03	4,03E-04	0,000	-1,63E-03	1,50E-03
Photochemical Oxidant Potential (POCP) [kg Ethene-eq.]	-1,50E-04	3,22E-03	2,54E-04	0,000	-2,67E-03	-9,44E-04
Abiotic Depletion Potential non-Fossil Resources (ADPE) [kg Sb-eq.]	7,65E-07	1,58E-07	5,44E-07	0,000	-3,10E-08	9,35E-08
Abiotic Depletion Potential Fossil Fuels (ADPF) [MJ]	5,85E+01	7,96E+01	1,94E+01	0,000	-6,51E+01	2,47E+01
Energy (net calorific value) [MJ]	7,22E+01	8,08E+01	3,20E+01	0,000	-6,54E+01	2,48E+01
Energy ren. (net calorafic value) [MJ]	2,31E+01	8,20E+00	1,74E+01	0,000	-2,64E+00	1,44E-01
Water consumption [kg]	2,23E+01	1,39E+01	1,67E+01	0,000	-8,50E+00	1,98E-01
Air pollution [m^3]	4,01E+02	1,10E+03	1,11E+02	0,000	-9,10E+02	1,03E+02
Water pollution [m^3]	8,41E-01	5,36E-01	4,82E-01	0,000	-3,17E-01	1,40E-01
Hazardous waste for disposal [kg]	5,53E-08	5,19E-08	2,76E-09	0,000	6,23E-10	8,70E-11
Disposed of non-hazardous waste [kg]	5,88E-02	1,20E-01	2,37E-02	0,000	-8,70E-02	2,51E-03
Disposed of radioactive waste [kg]	5,42E-03	4,97E-04	5,00E-03	0,000	-1,19E-04	3,96E-05

evaluated from CML 2001, August 2016

1.3.103 S-WCP-S-5x40/25 Z

IT- Number	Product name	Pcs. per Sales pack	Weight [kg]	Material
2363555	S-WCP-S-5x40/25 Z	500	1,862	Steel, Cardboard

Environmental impact category	Total	Raw material	Produc-tion	Use	End of life	Transpor-tation
Global Warming Potential (GWP 100 years) [kg CO2-eq.]	2,059	3,679	0,695	0,000	-3,037	0,722
Ozone Depletion Potential (ODP, catalytic) [kg R11-eq.]	1,38E-11	3,31E-12	1,19E-11	0,000	-1,44E-12	8,09E-14
Acidification Potential (AP) [kg SO2-eq.]	6,64E-03	8,45E-03	1,44E-03	0,000	-6,96E-03	3,71E-03
Eutrification Potential (EP) [kg $(PO4)^{3-}$ eq.]	9,11E-04	8,13E-04	1,61E-04	0,000	-6,53E-04	5,90E-04
Photochemical Oxidant Potential (POCP) [kg Ethene-eq.]	-5,69E-05	1,28E-03	1,01E-04	0,000	-1,07E-03	-3,71E-04
Abiotic Depletion Potential non-Fossil Resources (ADPE) [kg Sb-eq.]	2,91E-07	4,71E-08	2,18E-07	0,000	-1,09E-08	3,68E-08
Abiotic Depletion Potential Fossil Fuels (ADPF) [MJ]	2,31E+01	3,15E+01	7,76E+00	0,000	-2,59E+01	9,70E+00
Energy (net calorific value) [MJ]	2,86E+01	3,19E+01	1,28E+01	0,000	-2,59E+01	9,74E+00
Energy ren. (net calorafic value) [MJ]	8,54E+00	2,54E+00	6,95E+00	0,000	-9,98E-01	5,67E-02
Water consumption [kg]	8,48E+00	5,20E+00	6,68E+00	0,000	-3,47E+00	7,77E-02
Air pollution [m^3]	1,58E+02	4,37E+02	4,46E+01	0,000	-3,64E+02	4,07E+01
Water pollution [m^3]	3,13E-01	1,90E-01	1,93E-01	0,000	-1,25E-01	5,52E-02
Hazardous waste for disposal [kg]	1,25E-08	1,11E-08	1,10E-09	0,000	2,83E-10	3,42E-11
Disposed of non-hazardous waste [kg]	2,11E-02	4,67E-02	9,49E-03	0,000	-3,61E-02	9,87E-04
Disposed of radioactive waste [kg]	2,17E-03	1,87E-04	2,00E-03	0,000	-3,04E-05	1,56E-05

evaluated from CML 2001, August 2016

1.3.104 S-WCP-S-5x50/30 Z

IT- Number	Product name	Pcs. per Sales pack	Weight [kg]	Material
2363556	S-WCP-S-5x50/30 Z	250	1,156	Steel, Cardboard

Environmental impact category	Total	Raw material	Produc-tion	Use	End of life	Transpor-tation
Global Warming Potential (GWP 100 years) [kg CO2-eq.]	1,273	2,256	0,427	0,000	-1,858	0,448
Ozone Depletion Potential (ODP, catalytic) [kg R11-eq.]	8,70E-12	2,26E-12	7,31E-12	0,000	-9,17E-13	5,02E-14
Acidification Potential (AP) [kg SO2-eq.]	4,12E-03	5,22E-03	8,85E-04	0,000	-4,28E-03	2,30E-03
Eutrification Potential (EP) [kg $(PO4)^{3-}$ eq.]	5,70E-04	5,07E-04	9,90E-05	0,000	-4,02E-04	3,66E-04
Photochemical Oxidant Potential (POCP) [kg Ethene-eq.]	-3,60E-05	7,90E-04	6,24E-05	0,000	-6,58E-04	-2,31E-04
Abiotic Depletion Potential non-Fossil Resources (ADPE) [kg Sb-eq.]	1,84E-07	3,42E-08	1,34E-07	0,000	-7,18E-09	2,28E-08
Abiotic Depletion Potential Fossil Fuels (ADPF) [MJ]	1,43E+01	1,95E+01	4,77E+00	0,000	-1,60E+01	6,02E+00
Energy (net calorific value) [MJ]	1,77E+01	1,98E+01	7,87E+00	0,000	-1,60E+01	6,05E+00
Energy ren. (net calorafic value) [MJ]	5,48E+00	1,80E+00	4,27E+00	0,000	-6,33E-01	3,52E-02
Water consumption [kg]	5,36E+00	3,32E+00	4,11E+00	0,000	-2,11E+00	4,82E-02
Air pollution [m^3]	9,80E+01	2,69E+02	2,74E+01	0,000	-2,24E+02	2,53E+01
Water pollution [m^3]	2,00E-01	1,25E-01	1,19E-01	0,000	-7,75E-02	3,43E-02
Hazardous waste for disposal [kg]	1,08E-08	9,95E-09	6,79E-10	0,000	1,63E-10	2,12E-11
Disposed of non-hazardous waste [kg]	1,38E-02	2,91E-02	5,84E-03	0,000	-2,18E-02	6,13E-04
Disposed of radioactive waste [kg]	1,33E-03	1,19E-04	1,23E-03	0,000	-2,42E-05	9,67E-06

evaluated from CML 2001, August 2016

1.3.105 S-WCP-S-5x60/40 Z

IT- Number	Product name	Pcs. per Sales pack	Weight [kg]	Material
2363557	S-WCP-S-5x60/40 Z	250	1,347	Steel, Cardboard

Environmental impact category	Total	Raw material	Produc-tion	Use	End of life	Transpor-tation
Global Warming Potential (GWP 100 years) [kg CO2-eq.]	1,484	2,634	0,499	0,000	-2,170	0,522
Ozone Depletion Potential (ODP, catalytic) [kg R11-eq.]	1,01E-11	2,60E-12	8,53E-12	0,000	-1,07E-12	5,85E-14
Acidification Potential (AP) [kg SO2-eq.]	4,80E-03	6,09E-03	1,03E-03	0,000	-5,00E-03	2,68E-03
Eutrification Potential (EP) [kg $(PO4)^{3-}$ eq.]	6,64E-04	5,91E-04	1,16E-04	0,000	-4,69E-04	4,27E-04
Photochemical Oxidant Potential (POCP) [kg Ethene-eq.]	-4,18E-05	9,22E-04	7,28E-05	0,000	-7,68E-04	-2,69E-04
Abiotic Depletion Potential non-Fossil Resources (ADPE) [kg Sb-eq.]	2,14E-07	3,91E-08	1,56E-07	0,000	-8,31E-09	2,66E-08
Abiotic Depletion Potential Fossil Fuels (ADPF) [MJ]	1,67E+01	2,27E+01	5,57E+00	0,000	-1,86E+01	7,02E+00
Energy (net calorific value) [MJ]	2,06E+01	2,31E+01	9,19E+00	0,000	-1,87E+01	7,05E+00
Energy ren. (net calorafic value) [MJ]	6,36E+00	2,07E+00	4,99E+00	0,000	-7,36E-01	4,10E-02
Water consumption [kg]	6,24E+00	3,85E+00	4,79E+00	0,000	-2,47E+00	5,62E-02
Air pollution [m^3]	1,14E+02	3,14E+02	3,20E+01	0,000	-2,61E+02	2,94E+01
Water pollution [m^3]	2,32E-01	1,44E-01	1,38E-01	0,000	-9,03E-02	3,99E-02
Hazardous waste for disposal [kg]	1,22E-08	1,11E-08	7,92E-10	0,000	1,92E-10	2,48E-11
Disposed of non-hazardous waste [kg]	1,60E-02	3,39E-02	6,81E-03	0,000	-2,55E-02	7,14E-04
Disposed of radioactive waste [kg]	1,56E-03	1,38E-04	1,44E-03	0,000	-2,75E-05	1,13E-05

evaluated from CML 2001, August 2016

1.3.106 S-WCP-S-5x70/40 Z

IT- Number	Product name	Pcs. per Sales pack	Weight [kg]	Material
2363558	S-WCP-S-5x70/40 Z	200	1,221	Steel, Cardboard

Environmental impact category	Total	Raw material	Produc-tion	Use	End of life	Transpor-tation
Global Warming Potential (GWP 100 years) [kg CO2-eq.]	1,344	2,378	0,451	0,000	-1,958	0,473
Ozone Depletion Potential (ODP, catalytic) [kg R11-eq.]	9,22E-12	2,43E-12	7,71E-12	0,000	-9,74E-13	5,30E-14
Acidification Potential (AP) [kg SO2-eq.]	4,36E-03	5,51E-03	9,34E-04	0,000	-4,52E-03	2,43E-03
Eutrification Potential (EP) [kg $(PO4)^{3-}$ eq.]	6,04E-04	5,36E-04	1,04E-04	0,000	-4,24E-04	3,87E-04
Photochemical Oxidant Potential (POCP) [kg Ethene-eq.]	-3,81E-05	8,33E-04	6,58E-05	0,000	-6,94E-04	-2,44E-04
Abiotic Depletion Potential non-Fossil Resources (ADPE) [kg Sb-eq.]	1,95E-07	3,72E-08	1,41E-07	0,000	-7,68E-09	2,41E-08
Abiotic Depletion Potential Fossil Fuels (ADPF) [MJ]	1,51E+01	2,06E+01	5,04E+00	0,000	-1,69E+01	6,36E+00
Energy (net calorific value) [MJ]	1,87E+01	2,09E+01	8,30E+00	0,000	-1,69E+01	6,39E+00
Energy ren. (net calorafic value) [MJ]	5,83E+00	1,95E+00	4,51E+00	0,000	-6,72E-01	3,72E-02
Water consumption [kg]	5,69E+00	3,52E+00	4,33E+00	0,000	-2,22E+00	5,10E-02
Air pollution [m^3]	1,04E+02	2,84E+02	2,89E+01	0,000	-2,36E+02	2,67E+01
Water pollution [m^3]	2,13E-01	1,33E-01	1,25E-01	0,000	-8,18E-02	3,62E-02
Hazardous waste for disposal [kg]	1,21E-08	1,12E-08	7,16E-10	0,000	1,70E-10	2,24E-11
Disposed of non-hazardous waste [kg]	1,47E-02	3,08E-02	6,15E-03	0,000	-2,29E-02	6,47E-04
Disposed of radioactive waste [kg]	1,41E-03	1,26E-04	1,30E-03	0,000	-2,68E-05	1,02E-05

evaluated from CML 2001, August 2016

1.3.107 S-WCP-S-5x80/50 Z

IT- Number	Product name	Pcs. per Sales pack	Weight [kg]	Material
2363559	S-WCP-S-5x80/50 Z	200	1,411	Steel, Cardboard

Environmental impact category	Total	Raw material	Produc-tion	Use	End of life	Transpor-tation
Global Warming Potential (GWP 100 years) [kg CO2-eq.]	1,551	2,736	0,519	0,000	-2,251	0,547
Ozone Depletion Potential (ODP, catalytic) [kg R11-eq.]	1,07E-11	2,89E-12	8,88E-12	0,000	-1,14E-12	6,13E-14
Acidification Potential (AP) [kg SO2-eq.]	5,03E-03	6,36E-03	1,08E-03	0,000	-5,21E-03	2,81E-03
Eutrification Potential (EP) [kg $(PO4)^{3-}$ eq.]	7,00E-04	6,21E-04	1,20E-04	0,000	-4,89E-04	4,47E-04
Photochemical Oxidant Potential (POCP) [kg Ethene-eq.]	-4,43E-05	9,61E-04	7,58E-05	0,000	-7,99E-04	-2,82E-04
Abiotic Depletion Potential non-Fossil Resources (ADPE) [kg Sb-eq.]	2,27E-07	4,51E-08	1,63E-07	0,000	-9,07E-09	2,79E-08
Abiotic Depletion Potential Fossil Fuels (ADPF) [MJ]	1,75E+01	2,37E+01	5,80E+00	0,000	-1,94E+01	7,35E+00
Energy (net calorific value) [MJ]	2,15E+01	2,41E+01	9,57E+00	0,000	-1,95E+01	7,38E+00
Energy ren. (net calorafic value) [MJ]	6,81E+00	2,35E+00	5,19E+00	0,000	-7,82E-01	4,30E-02
Water consumption [kg]	6,61E+00	4,11E+00	4,99E+00	0,000	-2,55E+00	5,89E-02
Air pollution [m^3]	1,20E+02	3,27E+02	3,33E+01	0,000	-2,72E+02	3,08E+01
Water pollution [m^3]	2,48E-01	1,57E-01	1,44E-01	0,000	-9,45E-02	4,18E-02
Hazardous waste for disposal [kg]	1,52E-08	1,42E-08	8,25E-10	0,000	1,91E-10	2,59E-11
Disposed of non-hazardous waste [kg]	1,73E-02	3,56E-02	7,09E-03	0,000	-2,62E-02	7,48E-04
Disposed of radioactive waste [kg]	1,62E-03	1,47E-04	1,50E-03	0,000	-3,32E-05	1,18E-05

evaluated from CML 2001, August 2016

1.3.108 S-WCP-S-5x90/50 Z

IT- Number	Product name	Pcs. per Sales pack	Weight [kg]	Material
2363620	S-WCP-S-5x90/50 Z	100	0,798	Steel, Cardboard

Environmental impact category	Total	Raw material	Produc-tion	Use	End of life	Transpor-tation
Global Warming Potential (GWP 100 years) [kg CO2-eq.]	0,872	1,519	0,290	0,000	-1,246	0,309
Ozone Depletion Potential (ODP, catalytic) [kg R11-eq.]	6,16E-12	1,84E-12	4,96E-12	0,000	-6,68E-13	3,47E-14
Acidification Potential (AP) [kg SO2-eq.]	2,85E-03	3,57E-03	6,00E-04	0,000	-2,91E-03	1,59E-03
Eutrification Potential (EP) [kg $(PO4)^{3-}$ eq.]	4,01E-04	3,54E-04	6,71E-05	0,000	-2,73E-04	2,53E-04
Photochemical Oxidant Potential (POCP) [kg Ethene-eq.]	-2,57E-05	5,37E-04	4,23E-05	0,000	-4,46E-04	-1,59E-04
Abiotic Depletion Potential non-Fossil Resources (ADPE) [kg Sb-eq.]	1,32E-07	3,07E-08	9,08E-08	0,000	-5,59E-09	1,58E-08
Abiotic Depletion Potential Fossil Fuels (ADPF) [MJ]	9,85E+00	1,34E+01	3,24E+00	0,000	-1,09E+01	4,16E+00
Energy (net calorific value) [MJ]	1,21E+01	1,36E+01	5,34E+00	0,000	-1,10E+01	4,18E+00
Energy ren. (net calorafic value) [MJ]	4,03E+00	1,57E+00	2,90E+00	0,000	-4,56E-01	2,43E-02
Water consumption [kg]	3,84E+00	2,42E+00	2,79E+00	0,000	-1,40E+00	3,33E-02
Air pollution [m^3]	6,73E+01	1,83E+02	1,86E+01	0,000	-1,52E+02	1,74E+01
Water pollution [m^3]	1,47E-01	9,58E-02	8,04E-02	0,000	-5,33E-02	2,37E-02
Hazardous waste for disposal [kg]	1,18E-08	1,12E-08	4,60E-10	0,000	9,49E-11	1,47E-11
Disposed of non-hazardous waste [kg]	1,04E-02	2,02E-02	3,96E-03	0,000	-1,42E-02	4,23E-04
Disposed of radioactive waste [kg]	9,03E-04	8,60E-05	8,34E-04	0,000	-2,44E-05	6,67E-06

evaluated from CML 2001, August 2016

1.3.109 S-WCP-S-5x100/60 Z

IT- Number	Product name	Pcs. per Sales pack	Weight [kg]	Material
2363621	S-WCP-S-5x100/60 Z	100	0,877	Steel, Cardboard

Environmental impact category	Total	Raw material	Produc-tion	Use	End of life	Transpor-tation
Global Warming Potential (GWP 100 years) [kg CO2-eq.]	0,960	1,679	0,320	0,000	-1,379	0,340
Ozone Depletion Potential (ODP, catalytic) [kg R11-eq.]	6,73E-12	1,95E-12	5,47E-12	0,000	-7,25E-13	3,81E-14
Acidification Potential (AP) [kg SO2-eq.]	3,13E-03	3,93E-03	6,63E-04	0,000	-3,21E-03	1,75E-03
Eutrification Potential (EP) [kg $(PO4)^{3-}$ eq.]	4,39E-04	3,88E-04	7,41E-05	0,000	-3,01E-04	2,78E-04
Photochemical Oxidant Potential (POCP) [kg Ethene-eq.]	-2,80E-05	5,93E-04	4,67E-05	0,000	-4,93E-04	-1,75E-04
Abiotic Depletion Potential non-Fossil Resources (ADPE) [kg Sb-eq.]	1,43E-07	3,19E-08	1,00E-07	0,000	-5,98E-09	1,73E-08
Abiotic Depletion Potential Fossil Fuels (ADPF) [MJ]	1,08E+01	1,47E+01	3,57E+00	0,000	-1,20E+01	4,57E+00
Energy (net calorific value) [MJ]	1,33E+01	1,49E+01	5,89E+00	0,000	-1,21E+01	4,59E+00
Energy ren. (net calorafic value) [MJ]	4,37E+00	1,64E+00	3,20E+00	0,000	-4,97E-01	2,67E-02
Water consumption [kg]	4,19E+00	2,63E+00	3,07E+00	0,000	-1,55E+00	3,66E-02
Air pollution [m^3]	7,41E+01	2,02E+02	2,05E+01	0,000	-1,68E+02	1,92E+01
Water pollution [m^3]	1,59E-01	1,03E-01	8,88E-02	0,000	-5,86E-02	2,60E-02
Hazardous waste for disposal [kg]	1,19E-08	1,12E-08	5,08E-10	0,000	1,09E-10	1,61E-11
Disposed of non-hazardous waste [kg]	1,12E-02	2,22E-02	4,37E-03	0,000	-1,58E-02	4,65E-04
Disposed of radioactive waste [kg]	9,97E-04	9,35E-05	9,21E-04	0,000	-2,48E-05	7,34E-06

evaluated from CML 2001, August 2016

1.3.110 S-WCP-S-6x50/30 Z

IT- Number	Product name	Pcs. per Sales pack	Weight [kg]	Material
2363622	S-WCP-S-6x50/30 Z	250	1,705	Steel, Cardboard

Environmental impact category	Total	Raw material	Produc-tion	Use	End of life	Transpor-tation
Global Warming Potential (GWP 100 years) [kg CO2-eq.]	1,883	3,359	0,635	0,000	-2,772	0,661
Ozone Depletion Potential (ODP, catalytic) [kg R11-eq.]	1,27E-11	3,09E-12	1,09E-11	0,000	-1,32E-12	7,40E-14
Acidification Potential (AP) [kg SO2-eq.]	6,08E-03	7,73E-03	1,32E-03	0,000	-6,36E-03	3,39E-03
Eutrification Potential (EP) [kg $(PO4)^{3-}$ eq.]	8,36E-04	7,45E-04	1,47E-04	0,000	-5,97E-04	5,40E-04
Photochemical Oxidant Potential (POCP) [kg Ethene-eq.]	-5,23E-05	1,17E-03	9,27E-05	0,000	-9,77E-04	-3,40E-04
Abiotic Depletion Potential non-Fossil Resources (ADPE) [kg Sb-eq.]	2,67E-07	4,46E-08	1,99E-07	0,000	-1,01E-08	3,37E-08
Abiotic Depletion Potential Fossil Fuels (ADPF) [MJ]	2,11E+01	2,88E+01	7,09E+00	0,000	-2,36E+01	8,88E+00
Energy (net calorific value) [MJ]	2,61E+01	2,92E+01	1,17E+01	0,000	-2,37E+01	8,92E+00
Energy ren. (net calorafic value) [MJ]	7,88E+00	2,39E+00	6,35E+00	0,000	-9,18E-01	5,19E-02
Water consumption [kg]	7,79E+00	4,78E+00	6,10E+00	0,000	-3,16E+00	7,12E-02
Air pollution [m^3]	1,45E+02	3,99E+02	4,07E+01	0,000	-3,32E+02	3,73E+01
Water pollution [m^3]	2,88E-01	1,76E-01	1,76E-01	0,000	-1,14E-01	5,05E-02
Hazardous waste for disposal [kg]	1,24E-08	1,11E-08	1,01E-09	0,000	2,55E-10	3,13E-11
Disposed of non-hazardous waste [kg]	1,95E-02	4,28E-02	8,67E-03	0,000	-3,28E-02	9,04E-04
Disposed of radioactive waste [kg]	1,98E-03	1,72E-04	1,83E-03	0,000	-2,95E-05	1,43E-05

evaluated from CML 2001, August 2016

1.3.111 S-WCP-S-6x60/40 Z

IT- Number	Product name	Pcs. per Sales pack	Weight [kg]	Material
2363623	S-WCP-S-6x60/40 Z	200	1,615	Steel, Cardboard

Environmental impact category	Total	Raw material	Produc-tion	Use	End of life	Transpor-tation
Global Warming Potential (GWP 100 years) [kg CO2-eq.]	1,779	3,150	0,597	0,000	-2,595	0,626
Ozone Depletion Potential (ODP, catalytic) [kg R11-eq.]	1,22E-11	3,17E-12	1,02E-11	0,000	-1,28E-12	7,02E-14
Acidification Potential (AP) [kg SO2-eq.]	5,76E-03	7,29E-03	1,24E-03	0,000	-5,99E-03	3,22E-03
Eutrification Potential (EP) [kg $(PO4)^{3-}$ eq.]	7,98E-04	7,09E-04	1,38E-04	0,000	-5,62E-04	5,12E-04
Photochemical Oxidant Potential (POCP) [kg Ethene-eq.]	-5,03E-05	1,10E-03	8,72E-05	0,000	-9,19E-04	-3,22E-04
Abiotic Depletion Potential non-Fossil Resources (ADPE) [kg Sb-eq.]	2,57E-07	4,82E-08	1,87E-07	0,000	-1,01E-08	3,19E-08
Abiotic Depletion Potential Fossil Fuels (ADPF) [MJ]	2,00E+01	2,72E+01	6,67E+00	0,000	-2,23E+01	8,42E+00
Energy (net calorific value) [MJ]	2,47E+01	2,76E+01	1,10E+01	0,000	-2,24E+01	8,45E+00
Energy ren. (net calorafic value) [MJ]	7,67E+00	2,54E+00	5,97E+00	0,000	-8,86E-01	4,92E-02
Water consumption [kg]	7,50E+00	4,64E+00	5,74E+00	0,000	-2,95E+00	6,74E-02
Air pollution [m^3]	1,37E+02	3,76E+02	3,83E+01	0,000	-3,13E+02	3,53E+01
Water pollution [m^3]	2,80E-01	1,75E-01	1,66E-01	0,000	-1,08E-01	4,79E-02
Hazardous waste for disposal [kg]	1,54E-08	1,42E-08	9,48E-10	0,000	2,27E-10	2,97E-11
Disposed of non-hazardous waste [kg]	1,93E-02	4,07E-02	8,15E-03	0,000	-3,04E-02	8,56E-04
Disposed of radioactive waste [kg]	1,86E-03	1,66E-04	1,72E-03	0,000	-3,44E-05	1,35E-05

evaluated from CML 2001, August 2016

1.3.112 S-WCP-S-6x70/40 Z

IT- Number	Product name	Pcs. per Sales pack	Weight [kg]	Material
2363624	S-WCP-S-6x70/40 Z	200	1,849	Steel, Cardboard

Environmental impact category	Total	Raw material	Produc-tion	Use	End of life	Transpor-tation
Global Warming Potential (GWP 100 years) [kg CO2-eq.]	2,040	3,625	0,686	0,000	-2,989	0,717
Ozone Depletion Potential (ODP, catalytic) [kg R11-eq.]	1,39E-11	3,49E-12	1,17E-11	0,000	-1,45E-12	8,03E-14
Acidification Potential (AP) [kg SO2-eq.]	6,59E-03	8,37E-03	1,42E-03	0,000	-6,88E-03	3,68E-03
Eutrification Potential (EP) [kg $(PO4)^{3-}$ eq.]	9,10E-04	8,10E-04	1,59E-04	0,000	-6,45E-04	5,86E-04
Photochemical Oxidant Potential (POCP) [kg Ethene-eq.]	-5,72E-05	1,27E-03	1,00E-04	0,000	-1,06E-03	-3,69E-04
Abiotic Depletion Potential non-Fossil Resources (ADPE) [kg Sb-eq.]	2,92E-07	5,18E-08	2,15E-07	0,000	-1,12E-08	3,65E-08
Abiotic Depletion Potential Fossil Fuels (ADPF) [MJ]	2,29E+01	3,12E+01	7,66E+00	0,000	-2,56E+01	9,64E+00
Energy (net calorific value) [MJ]	2,83E+01	3,17E+01	1,26E+01	0,000	-2,57E+01	9,68E+00
Energy ren. (net calorafic value) [MJ]	8,66E+00	2,75E+00	6,86E+00	0,000	-1,00E+00	5,63E-02
Water consumption [kg]	8,52E+00	5,25E+00	6,60E+00	0,000	-3,40E+00	7,72E-02
Air pollution [m^3]	1,57E+02	4,32E+02	4,40E+01	0,000	-3,59E+02	4,04E+01
Water pollution [m^3]	3,17E-01	1,96E-01	1,90E-01	0,000	-1,24E-01	5,48E-02
Hazardous waste for disposal [kg]	1,55E-08	1,41E-08	1,09E-09	0,000	2,68E-10	3,40E-11
Disposed of non-hazardous waste [kg]	2,16E-02	4,65E-02	9,37E-03	0,000	-3,52E-02	9,80E-04
Disposed of radioactive waste [kg]	2,14E-03	1,88E-04	1,98E-03	0,000	-3,57E-05	1,55E-05

evaluated from CML 2001, August 2016

1.3.113 S-WCP-S-6x80/50 Z

IT- Number	Product name	Pcs. per Sales pack	Weight [kg]	Material
2363625	S-WCP-S-6x80/50 Z	100	1,055	Steel, Cardboard

Environmental impact category	Total	Raw material	Produc-tion	Use	End of life	Transpor-tation
Global Warming Potential (GWP 100 years) [kg CO2-eq.]	1,159	2,041	0,388	0,000	-1,678	0,409
Ozone Depletion Potential (ODP, catalytic) [kg R11-eq.]	8,02E-12	2,20E-12	6,63E-12	0,000	-8,54E-13	4,58E-14
Acidification Potential (AP) [kg SO2-eq.]	3,76E-03	4,75E-03	8,03E-04	0,000	-3,89E-03	2,10E-03
Eutrification Potential (EP) [kg $(PO4)^{3-}$ eq.]	5,24E-04	4,65E-04	8,98E-05	0,000	-3,65E-04	3,34E-04
Photochemical Oxidant Potential (POCP) [kg Ethene-eq.]	-3,33E-05	7,17E-04	5,66E-05	0,000	-5,97E-04	-2,10E-04
Abiotic Depletion Potential non-Fossil Resources (ADPE) [kg Sb-eq.]	1,70E-07	3,46E-08	1,21E-07	0,000	-6,86E-09	2,08E-08
Abiotic Depletion Potential Fossil Fuels (ADPF) [MJ]	1,30E+01	1,77E+01	4,33E+00	0,000	-1,45E+01	5,50E+00
Energy (net calorific value) [MJ]	1,61E+01	1,80E+01	7,14E+00	0,000	-1,46E+01	5,52E+00
Energy ren. (net calorafic value) [MJ]	5,12E+00	1,80E+00	3,88E+00	0,000	-5,87E-01	3,21E-02
Water consumption [kg]	4,96E+00	3,09E+00	3,73E+00	0,000	-1,90E+00	4,40E-02
Air pollution [m^3]	8,93E+01	2,44E+02	2,49E+01	0,000	-2,03E+02	2,31E+01
Water pollution [m^3]	1,87E-01	1,19E-01	1,08E-01	0,000	-7,06E-02	3,13E-02
Hazardous waste for disposal [kg]	1,20E-08	1,12E-08	6,15E-10	0,000	1,40E-10	1,94E-11
Disposed of non-hazardous waste [kg]	1,30E-02	2,66E-02	5,29E-03	0,000	-1,95E-02	5,59E-04
Disposed of radioactive waste [kg]	1,21E-03	1,10E-04	1,12E-03	0,000	-2,58E-05	8,82E-06

evaluated from CML 2001, August 2016

1.3.114 S-WCP-S-6x90/50 Z

IT- Number	Product name	Pcs. per Sales pack	Weight [kg]	Material
2363626	S-WCP-S-6x90/50 Z	100	1,172	Steel, Cardboard

Environmental impact category	Total	Raw material	Produc-tion	Use	End of life	Transpor-tation
Global Warming Potential (GWP 100 years) [kg CO2-eq.]	1,289	2,278	0,432	0,000	-1,875	0,454
Ozone Depletion Potential (ODP, catalytic) [kg R11-eq.]	8,86E-12	2,36E-12	7,39E-12	0,000	-9,38E-13	5,09E-14
Acidification Potential (AP) [kg SO2-eq.]	4,18E-03	5,28E-03	8,95E-04	0,000	-4,33E-03	2,33E-03
Eutrification Potential (EP) [kg $(PO4)^{3-}$ eq.]	5,80E-04	5,15E-04	1,00E-04	0,000	-4,07E-04	3,72E-04
Photochemical Oxidant Potential (POCP) [kg Ethene-eq.]	-3,67E-05	7,99E-04	6,31E-05	0,000	-6,65E-04	-2,34E-04
Abiotic Depletion Potential non-Fossil Resources (ADPE) [kg Sb-eq.]	1,88E-07	3,64E-08	1,35E-07	0,000	-7,44E-09	2,31E-08
Abiotic Depletion Potential Fossil Fuels (ADPF) [MJ]	1,45E+01	1,97E+01	4,83E+00	0,000	-1,62E+01	6,11E+00
Energy (net calorific value) [MJ]	1,79E+01	2,00E+01	7,96E+00	0,000	-1,62E+01	6,13E+00
Energy ren. (net calorafic value) [MJ]	5,62E+00	1,91E+00	4,32E+00	0,000	-6,47E-01	3,57E-02
Water consumption [kg]	5,47E+00	3,40E+00	4,15E+00	0,000	-2,13E+00	4,89E-02
Air pollution [m^3]	9,93E+01	2,72E+02	2,77E+01	0,000	-2,26E+02	2,56E+01
Water pollution [m^3]	2,05E-01	1,29E-01	1,20E-01	0,000	-7,85E-02	3,48E-02
Hazardous waste for disposal [kg]	1,20E-08	1,12E-08	6,86E-10	0,000	1,61E-10	2,15E-11
Disposed of non-hazardous waste [kg]	1,42E-02	2,95E-02	5,90E-03	0,000	-2,19E-02	6,21E-04
Disposed of radioactive waste [kg]	1,35E-03	1,21E-04	1,24E-03	0,000	-2,65E-05	9,80E-06

evaluated from CML 2001, August 2016

1.3.115 S-WCP-S-6x100/60 Z

IT- Number	Product name	Pcs. per Sales pack	Weight [kg]	Material
2363627	S-WCP-S-6x100/60 Z	100	1,267	Steel, Cardboard

Environmental impact category	Total	Raw material	Produc-tion	Use	End of life	Transpor-tation
Global Warming Potential (GWP 100 years) [kg CO2-eq.]	1,395	2,471	0,468	0,000	-2,035	0,491
Ozone Depletion Potential (ODP, catalytic) [kg R11-eq.]	9,55E-12	2,49E-12	8,01E-12	0,000	-1,01E-12	5,50E-14
Acidification Potential (AP) [kg SO2-eq.]	4,52E-03	5,72E-03	9,70E-04	0,000	-4,70E-03	2,52E-03
Eutrification Potential (EP) [kg $(PO4)^{3-}$ eq.]	6,26E-04	5,56E-04	1,09E-04	0,000	-4,41E-04	4,02E-04
Photochemical Oxidant Potential (POCP) [kg Ethene-eq.]	-3,95E-05	8,66E-04	6,84E-05	0,000	-7,21E-04	-2,53E-04
Abiotic Depletion Potential non-Fossil Resources (ADPE) [kg Sb-eq.]	2,02E-07	3,79E-08	1,47E-07	0,000	-7,91E-09	2,50E-08
Abiotic Depletion Potential Fossil Fuels (ADPF) [MJ]	1,57E+01	2,14E+01	5,23E+00	0,000	-1,75E+01	6,60E+00
Energy (net calorific value) [MJ]	1,94E+01	2,17E+01	8,63E+00	0,000	-1,76E+01	6,63E+00
Energy ren. (net calorafic value) [MJ]	6,02E+00	1,99E+00	4,68E+00	0,000	-6,95E-01	3,86E-02
Water consumption [kg]	5,89E+00	3,64E+00	4,50E+00	0,000	-2,31E+00	5,29E-02
Air pollution [m^3]	1,07E+02	2,95E+02	3,00E+01	0,000	-2,45E+02	2,77E+01
Water pollution [m^3]	2,20E-01	1,37E-01	1,30E-01	0,000	-8,49E-02	3,76E-02
Hazardous waste for disposal [kg]	1,21E-08	1,12E-08	7,44E-10	0,000	1,78E-10	2,33E-11
Disposed of non-hazardous waste [kg]	1,51E-02	3,19E-02	6,39E-03	0,000	-2,38E-02	6,72E-04
Disposed of radioactive waste [kg]	1,46E-03	1,30E-04	1,35E-03	0,000	-2,70E-05	1,06E-05

evaluated from CML 2001, August 2016

1.3.116 S-WCP-S-6x110/60 Z

IT- Number	Product name	Pcs. per Sales pack	Weight [kg]	Material
2363628	S-WCP-S-6x110/60 Z	100	1,406	Steel, Cardboard

Environmental impact category	Total	Raw material	Produc-tion	Use	End of life	Transpor-tation
Global Warming Potential (GWP 100 years) [kg CO2-eq.]	1,550	2,753	0,521	0,000	-2,269	0,545
Ozone Depletion Potential (ODP, catalytic) [kg R11-eq.]	1,06E-11	2,68E-12	8,92E-12	0,000	-1,11E-12	6,11E-14
Acidification Potential (AP) [kg SO2-eq.]	5,01E-03	6,36E-03	1,08E-03	0,000	-5,22E-03	2,80E-03
Eutrification Potential (EP) [kg $(PO4)^{3-}$ eq.]	6,93E-04	6,16E-04	1,21E-04	0,000	-4,90E-04	4,46E-04
Photochemical Oxidant Potential (POCP) [kg Ethene-eq.]	-4,36E-05	9,63E-04	7,61E-05	0,000	-8,02E-04	-2,81E-04
Abiotic Depletion Potential non-Fossil Resources (ADPE) [kg Sb-eq.]	2,23E-07	4,00E-08	1,63E-07	0,000	-8,60E-09	2,78E-08
Abiotic Depletion Potential Fossil Fuels (ADPF) [MJ]	1,74E+01	2,37E+01	5,82E+00	0,000	-1,95E+01	7,33E+00
Energy (net calorific value) [MJ]	2,15E+01	2,41E+01	9,60E+00	0,000	-1,95E+01	7,36E+00
Energy ren. (net calorafic value) [MJ]	6,61E+00	2,12E+00	5,21E+00	0,000	-7,66E-01	4,28E-02
Water consumption [kg]	6,49E+00	4,01E+00	5,01E+00	0,000	-2,58E+00	5,87E-02
Air pollution [m^3]	1,19E+02	3,28E+02	3,34E+01	0,000	-2,73E+02	3,07E+01
Water pollution [m^3]	2,42E-01	1,50E-01	1,45E-01	0,000	-9,43E-02	4,17E-02
Hazardous waste for disposal [kg]	1,22E-08	1,11E-08	8,28E-10	0,000	2,02E-10	2,58E-11
Disposed of non-hazardous waste [kg]	1,65E-02	3,54E-02	7,12E-03	0,000	-2,67E-02	7,45E-04
Disposed of radioactive waste [kg]	1,63E-03	1,44E-04	1,50E-03	0,000	-2,78E-05	1,18E-05

evaluated from CML 2001, August 2016

1.3.117 S-WCP-S-6x120/70 Z

IT- Number	Product name	Pcs. per Sales pack	Weight [kg]	Material
2363629	S-WCP-S-6x120/70 Z	100	1,523	Steel, Cardboard

Environmental impact category	Total	Raw material	Produc-tion	Use	End of life	Transpor-tation
Global Warming Potential (GWP 100 years) [kg CO2-eq.]	1,681	2,991	0,566	0,000	-2,466	0,590
Ozone Depletion Potential (ODP, catalytic) [kg R11-eq.]	1,14E-11	2,84E-12	9,68E-12	0,000	-1,19E-12	6,62E-14
Acidification Potential (AP) [kg SO2-eq.]	5,43E-03	6,90E-03	1,17E-03	0,000	-5,67E-03	3,03E-03
Eutrification Potential (EP) [kg $(PO4)^{3-}$ eq.]	7,49E-04	6,67E-04	1,31E-04	0,000	-5,32E-04	4,83E-04
Photochemical Oxidant Potential (POCP) [kg Ethene-eq.]	-4,70E-05	1,04E-03	8,26E-05	0,000	-8,71E-04	-3,04E-04
Abiotic Depletion Potential non-Fossil Resources (ADPE) [kg Sb-eq.]	2,40E-07	4,19E-08	1,77E-07	0,000	-9,18E-09	3,01E-08
Abiotic Depletion Potential Fossil Fuels (ADPF) [MJ]	1,89E+01	2,57E+01	6,32E+00	0,000	-2,11E+01	7,94E+00
Energy (net calorific value) [MJ]	2,33E+01	2,61E+01	1,04E+01	0,000	-2,12E+01	7,97E+00
Energy ren. (net calorafic value) [MJ]	7,11E+00	2,23E+00	5,66E+00	0,000	-8,25E-01	4,64E-02
Water consumption [kg]	7,00E+00	4,31E+00	5,44E+00	0,000	-2,81E+00	6,36E-02
Air pollution [m^3]	1,29E+02	3,56E+02	3,63E+01	0,000	-2,96E+02	3,33E+01
Water pollution [m^3]	2,60E-01	1,60E-01	1,57E-01	0,000	-1,02E-01	4,52E-02
Hazardous waste for disposal [kg]	1,23E-08	1,11E-08	8,98E-10	0,000	2,23E-10	2,80E-11
Disposed of non-hazardous waste [kg]	1,77E-02	3,83E-02	7,72E-03	0,000	-2,91E-02	8,07E-04
Disposed of radioactive waste [kg]	1,77E-03	1,55E-04	1,63E-03	0,000	-2,85E-05	1,27E-05

evaluated from CML 2001, August 2016

1.3.118 S-WCP-S-6x130/70 Z

IT- Number	Product name	Pcs. per Sales pack	Weight [kg]	Material
2363630	S-WCP-S-6x130/70 Z	100	1,640	Steel, Cardboard

Environmental impact category	Total	Raw material	Produc-tion	Use	End of life	Transpor-tation
Global Warming Potential (GWP 100 years) [kg CO2-eq.]	1,811	3,229	0,610	0,000	-2,663	0,636
Ozone Depletion Potential (ODP, catalytic) [kg R11-eq.]	1,22E-11	3,01E-12	1,04E-11	0,000	-1,28E-12	7,12E-14
Acidification Potential (AP) [kg SO2-eq.]	5,85E-03	7,43E-03	1,26E-03	0,000	-6,12E-03	3,27E-03
Eutrification Potential (EP) [kg $(PO4)^{3-}$ eq.]	8,05E-04	7,17E-04	1,41E-04	0,000	-5,74E-04	5,20E-04
Photochemical Oxidant Potential (POCP) [kg Ethene-eq.]	-5,04E-05	1,13E-03	8,91E-05	0,000	-9,39E-04	-3,27E-04
Abiotic Depletion Potential non-Fossil Resources (ADPE) [kg Sb-eq.]	2,58E-07	4,37E-08	1,91E-07	0,000	-9,76E-09	3,24E-08
Abiotic Depletion Potential Fossil Fuels (ADPF) [MJ]	2,03E+01	2,77E+01	6,82E+00	0,000	-2,27E+01	8,55E+00
Energy (net calorific value) [MJ]	2,51E+01	2,81E+01	1,12E+01	0,000	-2,28E+01	8,58E+00
Energy ren. (net calorafic value) [MJ]	7,60E+00	2,33E+00	6,10E+00	0,000	-8,85E-01	5,00E-02
Water consumption [kg]	7,51E+00	4,62E+00	5,87E+00	0,000	-3,04E+00	6,85E-02
Air pollution [m^3]	1,39E+02	3,84E+02	3,91E+01	0,000	-3,20E+02	3,58E+01
Water pollution [m^3]	2,78E-01	1,70E-01	1,69E-01	0,000	-1,10E-01	4,86E-02
Hazardous waste for disposal [kg]	1,23E-08	1,11E-08	9,69E-10	0,000	2,43E-10	3,01E-11
Disposed of non-hazardous waste [kg]	1,89E-02	4,12E-02	8,33E-03	0,000	-3,15E-02	8,69E-04
Disposed of radioactive waste [kg]	1,91E-03	1,66E-04	1,76E-03	0,000	-2,91E-05	1,37E-05

evaluated from CML 2001, August 2016

1.3.119 S-WCP-S-6x140/70 Z

IT- Number	Product name	Pcs. per Sales pack	Weight [kg]	Material
2363631	S-WCP-S-6x140/70 Z	100	1,767	Steel, Cardboard

Environmental impact category	Total	Raw material	Produc-tion	Use	End of life	Transpor-tation
Global Warming Potential (GWP 100 years) [kg CO2-eq.]	1,948	3,459	0,655	0,000	-2,851	0,685
Ozone Depletion Potential (ODP, catalytic) [kg R11-eq.]	1,33E-11	3,38E-12	1,12E-11	0,000	-1,39E-12	7,68E-14
Acidification Potential (AP) [kg SO2-eq.]	6,30E-03	7,99E-03	1,36E-03	0,000	-6,56E-03	3,52E-03
Eutrification Potential (EP) [kg $(PO4)^{3-}$ eq.]	8,71E-04	7,75E-04	1,52E-04	0,000	-6,16E-04	5,60E-04
Photochemical Oxidant Potential (POCP) [kg Ethene-eq.]	-5,48E-05	1,21E-03	9,56E-05	0,000	-1,01E-03	-3,53E-04
Abiotic Depletion Potential non-Fossil Resources (ADPE) [kg Sb-eq.]	2,80E-07	5,06E-08	2,05E-07	0,000	-1,08E-08	3,49E-08
Abiotic Depletion Potential Fossil Fuels (ADPF) [MJ]	2,19E+01	2,98E+01	7,32E+00	0,000	-2,44E+01	9,21E+00
Energy (net calorific value) [MJ]	2,70E+01	3,03E+01	1,21E+01	0,000	-2,45E+01	9,25E+00
Energy ren. (net calorafic value) [MJ]	8,32E+00	2,68E+00	6,55E+00	0,000	-9,63E-01	5,38E-02
Water consumption [kg]	8,16E+00	5,04E+00	6,30E+00	0,000	-3,24E+00	7,38E-02
Air pollution [m^3]	1,50E+02	4,12E+02	4,20E+01	0,000	-3,43E+02	3,86E+01
Water pollution [m^3]	3,04E-01	1,88E-01	1,82E-01	0,000	-1,18E-01	5,24E-02
Hazardous waste for disposal [kg]	1,55E-08	1,41E-08	1,04E-09	0,000	2,53E-10	3,25E-11
Disposed of non-hazardous waste [kg]	2,08E-02	4,45E-02	8,94E-03	0,000	-3,35E-02	9,37E-04
Disposed of radioactive waste [kg]	2,05E-03	1,81E-04	1,89E-03	0,000	-3,52E-05	1,48E-05

evaluated from CML 2001, August 2016

1.3.120 S-WCP-S-6x150/70 Z

IT- Number	Product name	Pcs. per Sales pack	Weight [kg]	Material
2363632	S-WCP-S-6x150/70 Z	100	1,884	Steel, Cardboard

Environmental impact category	Total	Raw material	Produc-tion	Use	End of life	Transpor-tation
Global Warming Potential (GWP 100 years) [kg CO2-eq.]	2,079	3,696	0,699	0,000	-3,048	0,730
Ozone Depletion Potential (ODP, catalytic) [kg R11-eq.]	1,41E-11	3,54E-12	1,20E-11	0,000	-1,48E-12	8,18E-14
Acidification Potential (AP) [kg SO2-eq.]	6,72E-03	8,53E-03	1,45E-03	0,000	-7,01E-03	3,75E-03
Eutrification Potential (EP) [kg $(PO4)^{3-}$ eq.]	9,27E-04	8,25E-04	1,62E-04	0,000	-6,58E-04	5,97E-04
Photochemical Oxidant Potential (POCP) [kg Ethene-eq.]	-5,82E-05	1,29E-03	1,02E-04	0,000	-1,08E-03	-3,76E-04
Abiotic Depletion Potential non-Fossil Resources (ADPE) [kg Sb-eq.]	2,97E-07	5,24E-08	2,19E-07	0,000	-1,14E-08	3,72E-08
Abiotic Depletion Potential Fossil Fuels (ADPF) [MJ]	2,33E+01	3,18E+01	7,81E+00	0,000	-2,61E+01	9,82E+00
Energy (net calorific value) [MJ]	2,88E+01	3,23E+01	1,29E+01	0,000	-2,62E+01	9,86E+00
Energy ren. (net calorafic value) [MJ]	8,81E+00	2,78E+00	6,99E+00	0,000	-1,02E+00	5,74E-02
Water consumption [kg]	8,68E+00	5,35E+00	6,72E+00	0,000	-3,47E+00	7,87E-02
Air pollution [m^3]	1,60E+02	4,40E+02	4,49E+01	0,000	-3,66E+02	4,12E+01
Water pollution [m^3]	3,22E-01	1,99E-01	1,94E-01	0,000	-1,26E-01	5,59E-02
Hazardous waste for disposal [kg]	1,55E-08	1,41E-08	1,11E-09	0,000	2,74E-10	3,46E-11
Disposed of non-hazardous waste [kg]	2,20E-02	4,74E-02	9,55E-03	0,000	-3,59E-02	9,99E-04
Disposed of radioactive waste [kg]	2,19E-03	1,92E-04	2,01E-03	0,000	-3,59E-05	1,58E-05

evaluated from CML 2001, August 2016

1.3.121 S-WCP-S-6x160/70 Z

IT- Number	Product name	Pcs. per Sales pack	Weight [kg]	Material
2363633	S-WCP-S-6x160/70 Z	100	2,001	Steel, Cardboard

Environmental impact category	Total	Raw material	Produc-tion	Use	End of life	Transpor-tation
Global Warming Potential (GWP 100 years) [kg CO2-eq.]	2,209	3,934	0,744	0,000	-3,245	0,776
Ozone Depletion Potential (ODP, catalytic) [kg R11-eq.]	1,50E-11	3,70E-12	1,27E-11	0,000	-1,56E-12	8,69E-14
Acidification Potential (AP) [kg SO2-eq.]	7,13E-03	9,06E-03	1,54E-03	0,000	-7,46E-03	3,98E-03
Eutrification Potential (EP) [kg $(PO4)^{3-}$ eq.]	9,83E-04	8,76E-04	1,72E-04	0,000	-7,00E-04	6,34E-04
Photochemical Oxidant Potential (POCP) [kg Ethene-eq.]	-6,16E-05	1,37E-03	1,09E-04	0,000	-1,14E-03	-3,99E-04
Abiotic Depletion Potential non-Fossil Resources (ADPE) [kg Sb-eq.]	3,15E-07	5,42E-08	2,33E-07	0,000	-1,20E-08	3,95E-08
Abiotic Depletion Potential Fossil Fuels (ADPF) [MJ]	2,48E+01	3,38E+01	8,31E+00	0,000	-2,77E+01	1,04E+01
Energy (net calorific value) [MJ]	3,06E+01	3,43E+01	1,37E+01	0,000	-2,78E+01	1,05E+01
Energy ren. (net calorafic value) [MJ]	9,31E+00	2,89E+00	7,44E+00	0,000	-1,08E+00	6,10E-02
Water consumption [kg]	9,19E+00	5,65E+00	7,15E+00	0,000	-3,70E+00	8,35E-02
Air pollution [m^3]	1,70E+02	4,68E+02	4,77E+01	0,000	-3,89E+02	4,37E+01
Water pollution [m^3]	3,41E-01	2,09E-01	2,06E-01	0,000	-1,34E-01	5,93E-02
Hazardous waste for disposal [kg]	1,56E-08	1,41E-08	1,18E-09	0,000	2,95E-10	3,68E-11
Disposed of non-hazardous waste [kg]	2,32E-02	5,03E-02	1,02E-02	0,000	-3,83E-02	1,06E-03
Disposed of radioactive waste [kg]	2,33E-03	2,03E-04	2,14E-03	0,000	-3,66E-05	1,67E-05

evaluated from CML 2001, August 2016

1.3.122 S-WCP-S-6x180/70 Z

IT- Number	Product name	Pcs. per Sales pack	Weight [kg]	Material
2363634	S-WCP-S-6x180/70 Z	100	2,235	Steel, Cardboard

Environmental impact category	Total	Raw material	Produc-tion	Use	End of life	Transpor-tation
Global Warming Potential (GWP 100 years) [kg CO2-eq.]	2,470	4,409	0,833	0,000	-3,638	0,867
Ozone Depletion Potential (ODP, catalytic) [kg R11-eq.]	1,66E-11	4,03E-12	1,43E-11	0,000	-1,73E-12	9,71E-14
Acidification Potential (AP) [kg SO2-eq.]	7,97E-03	1,01E-02	1,73E-03	0,000	-8,35E-03	4,45E-03
Eutrification Potential (EP) [kg $(PO4)^{3-}$ eq.]	1,10E-03	9,77E-04	1,93E-04	0,000	-7,83E-04	7,08E-04
Photochemical Oxidant Potential (POCP) [kg Ethene-eq.]	-6,85E-05	1,54E-03	1,22E-04	0,000	-1,28E-03	-4,46E-04
Abiotic Depletion Potential non-Fossil Resources (ADPE) [kg Sb-eq.]	3,50E-07	5,78E-08	2,61E-07	0,000	-1,31E-08	4,41E-08
Abiotic Depletion Potential Fossil Fuels (ADPF) [MJ]	2,77E+01	3,78E+01	9,31E+00	0,000	-3,10E+01	1,16E+01
Energy (net calorific value) [MJ]	3,43E+01	3,83E+01	1,53E+01	0,000	-3,11E+01	1,17E+01
Energy ren. (net calorafic value) [MJ]	1,03E+01	3,10E+00	8,33E+00	0,000	-1,20E+00	6,81E-02
Water consumption [kg]	1,02E+01	6,26E+00	8,01E+00	0,000	-4,16E+00	9,33E-02
Air pollution [m^3]	1,90E+02	5,24E+02	5,34E+01	0,000	-4,36E+02	4,88E+01
Water pollution [m^3]	3,77E-01	2,30E-01	2,31E-01	0,000	-1,50E-01	6,63E-02
Hazardous waste for disposal [kg]	1,58E-08	1,41E-08	1,32E-09	0,000	3,36E-10	4,11E-11
Disposed of non-hazardous waste [kg]	2,55E-02	5,61E-02	1,14E-02	0,000	-4,31E-02	1,18E-03
Disposed of radioactive waste [kg]	2,60E-03	2,25E-04	2,40E-03	0,000	-3,79E-05	1,87E-05

evaluated from CML 2001, August 2016

1.3.123 S-WCP-S-8x80/50 Z

IT- Number	Product name	Pcs. per Sales pack	Weight [kg]	Material
2363635	S-WCP-S-8x80/50 Z	75	1,421	Steel, Cardboard

Environmental impact category	Total	Raw material	Produc-tion	Use	End of life	Transpor-tation
Global Warming Potential (GWP 100 years) [kg CO2-eq.]	1,567	2,783	0,527	0,000	-2,294	0,551
Ozone Depletion Potential (ODP, catalytic) [kg R11-eq.]	1,07E-11	2,70E-12	9,01E-12	0,000	-1,12E-12	6,17E-14
Acidification Potential (AP) [kg SO2-eq.]	5,07E-03	6,43E-03	1,09E-03	0,000	-5,28E-03	2,83E-03
Eutrification Potential (EP) [kg $(PO4)^{3-}$ eq.]	7,00E-04	6,23E-04	1,22E-04	0,000	-4,96E-04	4,50E-04
Photochemical Oxidant Potential (POCP) [kg Ethene-eq.]	-4,40E-05	9,73E-04	7,69E-05	0,000	-8,11E-04	-2,83E-04
Abiotic Depletion Potential non-Fossil Resources (ADPE) [kg Sb-eq.]	2,25E-07	4,03E-08	1,65E-07	0,000	-8,67E-09	2,81E-08
Abiotic Depletion Potential Fossil Fuels (ADPF) [MJ]	1,76E+01	2,40E+01	5,89E+00	0,000	-1,97E+01	7,40E+00
Energy (net calorific value) [MJ]	2,17E+01	2,43E+01	9,71E+00	0,000	-1,97E+01	7,43E+00
Energy ren. (net calorafic value) [MJ]	6,67E+00	2,13E+00	5,27E+00	0,000	-7,73E-01	4,33E-02
Water consumption [kg]	6,56E+00	4,05E+00	5,06E+00	0,000	-2,61E+00	5,93E-02
Air pollution [m^3]	1,21E+02	3,32E+02	3,38E+01	0,000	-2,76E+02	3,11E+01
Water pollution [m^3]	2,44E-01	1,51E-01	1,46E-01	0,000	-9,53E-02	4,21E-02
Hazardous waste for disposal [kg]	1,22E-08	1,11E-08	8,37E-10	0,000	2,05E-10	2,61E-11
Disposed of non-hazardous waste [kg]	1,67E-02	3,57E-02	7,19E-03	0,000	-2,70E-02	7,53E-04
Disposed of radioactive waste [kg]	1,65E-03	1,45E-04	1,52E-03	0,000	-2,79E-05	1,19E-05

evaluated from CML 2001, August 2016

1.3.124 S-WCP-S-8x90/50 Z

IT- Number	Product name	Pcs. per Sales pack	Weight [kg]	Material
2363636	S-WCP-S-8x90/50 Z	75	1,551	Steel, Cardboard

Environmental impact category	Total	Raw material	Produc-tion	Use	End of life	Transpor-tation
Global Warming Potential (GWP 100 years) [kg CO2-eq.]	1,707	3,020	0,572	0,000	-2,487	0,601
Ozone Depletion Potential (ODP, catalytic) [kg R11-eq.]	1,17E-11	3,08E-12	9,80E-12	0,000	-1,24E-12	6,74E-14
Acidification Potential (AP) [kg SO2-eq.]	5,53E-03	7,00E-03	1,19E-03	0,000	-5,74E-03	3,09E-03
Eutrification Potential (EP) [kg $(PO4)^{3-}$ eq.]	7,67E-04	6,81E-04	1,33E-04	0,000	-5,39E-04	4,92E-04
Photochemical Oxidant Potential (POCP) [kg Ethene-eq.]	-4,84E-05	1,06E-03	8,36E-05	0,000	-8,81E-04	-3,09E-04
Abiotic Depletion Potential non-Fossil Resources (ADPE) [kg Sb-eq.]	2,47E-07	4,72E-08	1,79E-07	0,000	-9,76E-09	3,06E-08
Abiotic Depletion Potential Fossil Fuels (ADPF) [MJ]	1,92E+01	2,61E+01	6,40E+00	0,000	-2,14E+01	8,08E+00
Energy (net calorific value) [MJ]	2,37E+01	2,65E+01	1,05E+01	0,000	-2,15E+01	8,11E+00
Energy ren. (net calorafic value) [MJ]	7,40E+00	2,48E+00	5,73E+00	0,000	-8,53E-01	4,73E-02
Water consumption [kg]	7,22E+00	4,48E+00	5,50E+00	0,000	-2,82E+00	6,47E-02
Air pollution [m^3]	1,31E+02	3,61E+02	3,67E+01	0,000	-3,00E+02	3,39E+01
Water pollution [m^3]	2,70E-01	1,69E-01	1,59E-01	0,000	-1,04E-01	4,60E-02
Hazardous waste for disposal [kg]	1,53E-08	1,42E-08	9,09E-10	0,000	2,15E-10	2,85E-11
Disposed of non-hazardous waste [kg]	1,87E-02	3,91E-02	7,82E-03	0,000	-2,91E-02	8,22E-04
Disposed of radioactive waste [kg]	1,79E-03	1,60E-04	1,65E-03	0,000	-3,40E-05	1,30E-05

evaluated from CML 2001, August 2016

1.3.125 S-WCP-S-8x100/60 Z

IT- Number	Product name	Pcs. per Sales pack	Weight [kg]	Material
2363637	S-WCP-S-8x100/60 Z	75	1,690	Steel, Cardboard

Environmental impact category	Total	Raw material	Produc-tion	Use	End of life	Transpor-tation
Global Warming Potential (GWP 100 years) [kg CO2-eq.]	1,862	3,302	0,625	0,000	-2,720	0,655
Ozone Depletion Potential (ODP, catalytic) [kg R11-eq.]	1,27E-11	3,27E-12	1,07E-11	0,000	-1,34E-12	7,34E-14
Acidification Potential (AP) [kg SO2-eq.]	6,03E-03	7,63E-03	1,30E-03	0,000	-6,27E-03	3,36E-03
Eutrification Potential (EP) [kg $(PO4)^{3-}$ eq.]	8,33E-04	7,41E-04	1,45E-04	0,000	-5,88E-04	5,36E-04
Photochemical Oxidant Potential (POCP) [kg Ethene-eq.]	-5,25E-05	1,16E-03	9,13E-05	0,000	-9,62E-04	-3,37E-04
Abiotic Depletion Potential non-Fossil Resources (ADPE) [kg Sb-eq.]	2,68E-07	4,94E-08	1,96E-07	0,000	-1,04E-08	3,34E-08
Abiotic Depletion Potential Fossil Fuels (ADPF) [MJ]	2,09E+01	2,85E+01	6,99E+00	0,000	-2,34E+01	8,81E+00
Energy (net calorific value) [MJ]	2,58E+01	2,89E+01	1,15E+01	0,000	-2,34E+01	8,84E+00
Energy ren. (net calorafic value) [MJ]	7,99E+00	2,61E+00	6,25E+00	0,000	-9,24E-01	5,15E-02
Water consumption [kg]	7,83E+00	4,84E+00	6,01E+00	0,000	-3,09E+00	7,05E-02
Air pollution [m^3]	1,43E+02	3,94E+02	4,01E+01	0,000	-3,28E+02	3,69E+01
Water pollution [m^3]	2,92E-01	1,82E-01	1,74E-01	0,000	-1,13E-01	5,01E-02
Hazardous waste for disposal [kg]	1,54E-08	1,42E-08	9,93E-10	0,000	2,40E-10	3,11E-11
Disposed of non-hazardous waste [kg]	2,00E-02	4,25E-02	8,54E-03	0,000	-3,19E-02	8,96E-04
Disposed of radioactive waste [kg]	1,95E-03	1,73E-04	1,80E-03	0,000	-3,48E-05	1,41E-05

evaluated from CML 2001, August 2016

1.3.126 S-WCP-S-8x120/80 Z

IT- Number	Product name	Pcs. per Sales pack	Weight [kg]	Material
2363638	S-WCP-S-8x120/80 Z	75	2,098	Steel, Cardboard

Environmental impact category	Total	Raw material	Produc-tion	Use	End of life	Transpor-tation
Global Warming Potential (GWP 100 years) [kg CO2-eq.]	2,317	4,130	0,781	0,000	-3,407	0,813
Ozone Depletion Potential (ODP, catalytic) [kg R11-eq.]	1,57E-11	3,84E-12	1,34E-11	0,000	-1,63E-12	9,11E-14
Acidification Potential (AP) [kg SO2-eq.]	7,48E-03	9,51E-03	1,62E-03	0,000	-7,82E-03	4,18E-03
Eutrification Potential (EP) [kg $(PO4)^{3-}$ eq.]	1,03E-03	9,17E-04	1,81E-04	0,000	-7,34E-04	6,65E-04
Photochemical Oxidant Potential (POCP) [kg Ethene-eq.]	-6,45E-05	1,44E-03	1,14E-04	0,000	-1,20E-03	-4,18E-04
Abiotic Depletion Potential non-Fossil Resources (ADPE) [kg Sb-eq.]	3,29E-07	5,57E-08	2,45E-07	0,000	-1,25E-08	4,14E-08
Abiotic Depletion Potential Fossil Fuels (ADPF) [MJ]	2,60E+01	3,54E+01	8,72E+00	0,000	-2,91E+01	1,09E+01
Energy (net calorific value) [MJ]	3,21E+01	3,60E+01	1,44E+01	0,000	-2,92E+01	1,10E+01
Energy ren. (net calorafic value) [MJ]	9,72E+00	2,98E+00	7,81E+00	0,000	-1,13E+00	6,39E-02
Water consumption [kg]	9,61E+00	5,90E+00	7,50E+00	0,000	-3,89E+00	8,76E-02
Air pollution [m^3]	1,78E+02	4,91E+02	5,01E+01	0,000	-4,09E+02	4,58E+01
Water pollution [m^3]	3,56E-01	2,18E-01	2,17E-01	0,000	-1,41E-01	6,22E-02
Hazardous waste for disposal [kg]	1,57E-08	1,41E-08	1,24E-09	0,000	3,12E-10	3,86E-11
Disposed of non-hazardous waste [kg]	2,41E-02	5,27E-02	1,07E-02	0,000	-4,03E-02	1,11E-03
Disposed of radioactive waste [kg]	2,44E-03	2,12E-04	2,25E-03	0,000	-3,71E-05	1,75E-05

evaluated from CML 2001, August 2016

1.3.127 S-WCP-S-8x140/80 Z

IT- Number	Product name	Pcs. per Sales pack	Weight [kg]	Material
2363639	S-WCP-S-8x140/80 Z	75	2,405	Steel, Cardboard

Environmental impact category	Total	Raw material	Produc-tion	Use	End of life	Transpor-tation
Global Warming Potential (GWP 100 years) [kg CO2-eq.]	2,660	4,754	0,898	0,000	-3,925	0,932
Ozone Depletion Potential (ODP, catalytic) [kg R11-eq.]	1,79E-11	4,26E-12	1,54E-11	0,000	-1,85E-12	1,04E-13
Acidification Potential (AP) [kg SO2-eq.]	8,57E-03	1,09E-02	1,86E-03	0,000	-9,00E-03	4,79E-03
Eutrification Potential (EP) [kg $(PO4)^{3-}$ eq.]	1,18E-03	1,05E-03	2,08E-04	0,000	-8,44E-04	7,62E-04
Photochemical Oxidant Potential (POCP) [kg Ethene-eq.]	-7,35E-05	1,66E-03	1,31E-04	0,000	-1,38E-03	-4,80E-04
Abiotic Depletion Potential non-Fossil Resources (ADPE) [kg Sb-eq.]	3,75E-07	6,04E-08	2,81E-07	0,000	-1,40E-08	4,75E-08
Abiotic Depletion Potential Fossil Fuels (ADPF) [MJ]	2,98E+01	4,07E+01	1,00E+01	0,000	-3,34E+01	1,25E+01
Energy (net calorific value) [MJ]	3,69E+01	4,13E+01	1,65E+01	0,000	-3,35E+01	1,26E+01
Energy ren. (net calorafic value) [MJ]	1,10E+01	3,26E+00	8,98E+00	0,000	-1,29E+00	7,33E-02
Water consumption [kg]	1,09E+01	6,70E+00	8,63E+00	0,000	-4,49E+00	1,00E-01
Air pollution [m^3]	2,05E+02	5,64E+02	5,76E+01	0,000	-4,70E+02	5,26E+01
Water pollution [m^3]	4,04E-01	2,45E-01	2,49E-01	0,000	-1,62E-01	7,13E-02
Hazardous waste for disposal [kg]	1,59E-08	1,40E-08	1,43E-09	0,000	3,66E-10	4,42E-11
Disposed of non-hazardous waste [kg]	2,72E-02	6,03E-02	1,23E-02	0,000	-4,66E-02	1,27E-03
Disposed of radioactive waste [kg]	2,81E-03	2,41E-04	2,59E-03	0,000	-3,89E-05	2,01E-05

evaluated from CML 2001, August 2016

1.3.128 S-WCP-S-8x160/80 Z

IT- Number	Product name	Pcs. per Sales pack	Weight [kg]	Material
2363640	S-WCP-S-8x160/80 Z	75	2,713	Steel, Cardboard

Environmental impact category	Total	Raw material	Produc-tion	Use	End of life	Transpor-tation
Global Warming Potential (GWP 100 years) [kg CO2-eq.]	3,003	5,379	1,015	0,000	-4,442	1,052
Ozone Depletion Potential (ODP, catalytic) [kg R11-eq.]	2,01E-11	4,69E-12	1,74E-11	0,000	-2,08E-12	1,18E-13
Acidification Potential (AP) [kg SO2-eq.]	9,67E-03	1,23E-02	2,10E-03	0,000	-1,02E-02	5,40E-03
Eutrification Potential (EP) [kg $(PO4)^{3-}$ eq.]	1,32E-03	1,18E-03	2,35E-04	0,000	-9,54E-04	8,60E-04
Photochemical Oxidant Potential (POCP) [kg Ethene-eq.]	-8,25E-05	1,87E-03	1,48E-04	0,000	-1,56E-03	-5,41E-04
Abiotic Depletion Potential non-Fossil Resources (ADPE) [kg Sb-eq.]	4,21E-07	6,52E-08	3,18E-07	0,000	-1,55E-08	5,36E-08
Abiotic Depletion Potential Fossil Fuels (ADPF) [MJ]	3,36E+01	4,59E+01	1,13E+01	0,000	-3,77E+01	1,41E+01
Energy (net calorific value) [MJ]	4,16E+01	4,66E+01	1,87E+01	0,000	-3,78E+01	1,42E+01
Energy ren. (net calorafic value) [MJ]	1,23E+01	3,54E+00	1,01E+01	0,000	-1,44E+00	8,27E-02
Water consumption [kg]	1,23E+01	7,50E+00	9,76E+00	0,000	-5,09E+00	1,13E-01
Air pollution [m^3]	2,31E+02	6,38E+02	6,51E+01	0,000	-5,31E+02	5,93E+01
Water pollution [m^3]	4,52E-01	2,72E-01	2,82E-01	0,000	-1,82E-01	8,04E-02
Hazardous waste for disposal [kg]	1,61E-08	1,40E-08	1,61E-09	0,000	4,20E-10	4,99E-11
Disposed of non-hazardous waste [kg]	3,03E-02	6,80E-02	1,39E-02	0,000	-5,30E-02	1,44E-03
Disposed of radioactive waste [kg]	3,17E-03	2,70E-04	2,92E-03	0,000	-4,06E-05	2,27E-05

evaluated from CML 2001, August 2016

1.3.129 S-WCP-S-8x180/100 Z

IT- Number	Product name	Pcs. per Sales pack	Weight [kg]	Material
2363641	S-WCP-S-8x180/100 Z	75	3,055	Steel, Cardboard

Environmental impact category	Total	Raw material	Produc-tion	Use	End of life	Transpor-tation
Global Warming Potential (GWP 100 years) [kg CO2-eq.]	3,368	5,978	1,132	0,000	-4,927	1,184
Ozone Depletion Potential (ODP, catalytic) [kg R11-eq.]	2,29E-11	5,86E-12	1,94E-11	0,000	-2,41E-12	1,33E-13
Acidification Potential (AP) [kg SO2-eq.]	1,09E-02	1,38E-02	2,35E-03	0,000	-1,13E-02	6,08E-03
Eutrification Potential (EP) [kg $(PO4)^{3-}$ eq.]	1,51E-03	1,34E-03	2,62E-04	0,000	-1,06E-03	9,68E-04
Photochemical Oxidant Potential (POCP) [kg Ethene-eq.]	-9,47E-05	2,09E-03	1,65E-04	0,000	-1,74E-03	-6,10E-04
Abiotic Depletion Potential non-Fossil Resources (ADPE) [kg Sb-eq.]	4,84E-07	8,78E-08	3,55E-07	0,000	-1,88E-08	6,03E-08
Abiotic Depletion Potential Fossil Fuels (ADPF) [MJ]	3,78E+01	5,15E+01	1,26E+01	0,000	-4,23E+01	1,59E+01
Energy (net calorific value) [MJ]	4,67E+01	5,23E+01	2,09E+01	0,000	-4,24E+01	1,60E+01
Energy ren. (net calorafic value) [MJ]	1,44E+01	4,64E+00	1,13E+01	0,000	-1,67E+00	9,31E-02
Water consumption [kg]	1,41E+01	8,72E+00	1,09E+01	0,000	-5,61E+00	1,28E-01
Air pollution [m^3]	2,59E+02	7,13E+02	7,26E+01	0,000	-5,93E+02	6,68E+01
Water pollution [m^3]	5,26E-01	3,26E-01	3,14E-01	0,000	-2,05E-01	9,06E-02
Hazardous waste for disposal [kg]	2,70E-08	2,47E-08	1,80E-09	0,000	4,37E-10	5,62E-11
Disposed of non-hazardous waste [kg]	3,60E-02	7,69E-02	1,55E-02	0,000	-5,79E-02	1,62E-03
Disposed of radioactive waste [kg]	3,54E-03	3,13E-04	3,26E-03	0,000	-6,13E-05	2,56E-05

evaluated from CML 2001, August 2016

1.3.130 S-WCP-S-8x200/100 Z

IT- Number	Product name	Pcs. per Sales pack	Weight [kg]	Material
2363642	S-WCP-S-8x200/100 Z	75	3,363	Steel, Cardboard

Environmental impact category	Total	Raw material	Produc-tion	Use	End of life	Transpor-tation
Global Warming Potential (GWP 100 years) [kg CO2-eq.]	3,711	6,603	1,249	0,000	-5,444	1,304
Ozone Depletion Potential (ODP, catalytic) [kg R11-eq.]	2,52E-11	6,28E-12	2,14E-11	0,000	-2,63E-12	1,46E-13
Acidification Potential (AP) [kg SO2-eq.]	1,20E-02	1,52E-02	2,59E-03	0,000	-1,25E-02	6,70E-03
Eutrification Potential (EP) [kg $(PO4)^{3-}$ eq.]	1,65E-03	1,47E-03	2,89E-04	0,000	-1,17E-03	1,07E-03
Photochemical Oxidant Potential (POCP) [kg Ethene-eq.]	-1,04E-04	2,31E-03	1,82E-04	0,000	-1,92E-03	-6,71E-04
Abiotic Depletion Potential non-Fossil Resources (ADPE) [kg Sb-eq.]	5,30E-07	9,26E-08	3,91E-07	0,000	-2,03E-08	6,64E-08
Abiotic Depletion Potential Fossil Fuels (ADPF) [MJ]	4,17E+01	5,68E+01	1,40E+01	0,000	-4,66E+01	1,75E+01
Energy (net calorific value) [MJ]	5,15E+01	5,76E+01	2,30E+01	0,000	-4,67E+01	1,76E+01
Energy ren. (net calorafic value) [MJ]	1,57E+01	4,92E+00	1,25E+01	0,000	-1,82E+00	1,02E-01
Water consumption [kg]	1,55E+01	9,52E+00	1,20E+01	0,000	-6,20E+00	1,40E-01
Air pollution [m^3]	2,86E+02	7,86E+02	8,01E+01	0,000	-6,54E+02	7,35E+01
Water pollution [m^3]	5,74E-01	3,54E-01	3,47E-01	0,000	-2,26E-01	9,97E-02
Hazardous waste for disposal [kg]	2,72E-08	2,46E-08	1,98E-09	0,000	4,92E-10	6,18E-11
Disposed of non-hazardous waste [kg]	3,91E-02	8,45E-02	1,71E-02	0,000	-6,42E-02	1,78E-03
Disposed of radioactive waste [kg]	3,90E-03	3,42E-04	3,60E-03	0,000	-6,30E-05	2,81E-05

evaluated from CML 2001, August 2016

1.3.131 S-WCP-S-8x220/100 Z

IT- Number	Product name	Pcs. per Sales pack	Weight [kg]	Material
2363643	S-WCP-S-8x220/100 Z	75	3,670	Steel, Cardboard

Environmental impact category	Total	Raw material	Produc-tion	Use	End of life	Transpor-tation
Global Warming Potential (GWP 100 years) [kg CO2-eq.]	4,054	7,227	1,366	0,000	-5,962	1,423
Ozone Depletion Potential (ODP, catalytic) [kg R11-eq.]	2,74E-11	6,71E-12	2,34E-11	0,000	-2,86E-12	1,59E-13
Acidification Potential (AP) [kg SO2-eq.]	1,31E-02	1,66E-02	2,83E-03	0,000	-1,37E-02	7,31E-03
Eutrification Potential (EP) [kg $(PO4)^{3-}$ eq.]	1,80E-03	1,61E-03	3,17E-04	0,000	-1,28E-03	1,16E-03
Photochemical Oxidant Potential (POCP) [kg Ethene-eq.]	-1,13E-04	2,52E-03	1,99E-04	0,000	-2,10E-03	-7,32E-04
Abiotic Depletion Potential non-Fossil Resources (ADPE) [kg Sb-eq.]	5,76E-07	9,73E-08	4,28E-07	0,000	-2,18E-08	7,25E-08
Abiotic Depletion Potential Fossil Fuels (ADPF) [MJ]	4,55E+01	6,20E+01	1,53E+01	0,000	-5,09E+01	1,91E+01
Energy (net calorific value) [MJ]	5,62E+01	6,29E+01	2,52E+01	0,000	-5,11E+01	1,92E+01
Energy ren. (net calorafic value) [MJ]	1,70E+01	5,20E+00	1,37E+01	0,000	-1,98E+00	1,12E-01
Water consumption [kg]	1,68E+01	1,03E+01	1,31E+01	0,000	-6,80E+00	1,53E-01
Air pollution [m^3]	3,12E+02	8,59E+02	8,76E+01	0,000	-7,15E+02	8,02E+01
Water pollution [m^3]	6,22E-01	3,81E-01	3,79E-01	0,000	-2,46E-01	1,09E-01
Hazardous waste for disposal [kg]	2,74E-08	2,46E-08	2,17E-09	0,000	5,46E-10	6,75E-11
Disposed of non-hazardous waste [kg]	4,22E-02	9,22E-02	1,87E-02	0,000	-7,06E-02	1,95E-03
Disposed of radioactive waste [kg]	4,27E-03	3,71E-04	3,93E-03	0,000	-6,48E-05	3,07E-05

evaluated from CML 2001, August 2016

1.3.132 S-WCP-S-8x240/100 Z

IT- Number	Product name	Pcs. per Sales pack	Weight [kg]	Material
2363644	S-WCP-S-8x240/100 Z	75	3,978	Steel, Cardboard

Environmental impact category	Total	Raw material	Produc-tion	Use	End of life	Transpor-tation
Global Warming Potential (GWP 100 years) [kg CO2-eq.]	4,397	7,851	1,483	0,000	-6,480	1,542
Ozone Depletion Potential (ODP, catalytic) [kg R11-eq.]	2,96E-11	7,13E-12	2,54E-11	0,000	-3,08E-12	1,73E-13
Acidification Potential (AP) [kg SO2-eq.]	1,42E-02	1,80E-02	3,07E-03	0,000	-1,49E-02	7,92E-03
Eutrification Potential (EP) [kg $(PO4)^{3-}$ eq.]	1,95E-03	1,74E-03	3,44E-04	0,000	-1,39E-03	1,26E-03
Photochemical Oxidant Potential (POCP) [kg Ethene-eq.]	-1,22E-04	2,74E-03	2,17E-04	0,000	-2,28E-03	-7,94E-04
Abiotic Depletion Potential non-Fossil Resources (ADPE) [kg Sb-eq.]	6,22E-07	1,02E-07	4,65E-07	0,000	-2,33E-08	7,85E-08
Abiotic Depletion Potential Fossil Fuels (ADPF) [MJ]	4,93E+01	6,72E+01	1,66E+01	0,000	-5,52E+01	2,07E+01
Energy (net calorific value) [MJ]	6,10E+01	6,82E+01	2,73E+01	0,000	-5,54E+01	2,08E+01
Energy ren. (net calorafic value) [MJ]	1,83E+01	5,48E+00	1,48E+01	0,000	-2,14E+00	1,21E-01
Water consumption [kg]	1,81E+01	1,11E+01	1,43E+01	0,000	-7,40E+00	1,66E-01
Air pollution [m^3]	3,38E+02	9,33E+02	9,51E+01	0,000	-7,76E+02	8,69E+01
Water pollution [m^3]	6,70E-01	4,08E-01	4,12E-01	0,000	-2,67E-01	1,18E-01
Hazardous waste for disposal [kg]	2,76E-08	2,45E-08	2,36E-09	0,000	6,00E-10	7,31E-11
Disposed of non-hazardous waste [kg]	4,53E-02	9,98E-02	2,03E-02	0,000	-7,69E-02	2,11E-03
Disposed of radioactive waste [kg]	4,64E-03	4,00E-04	4,27E-03	0,000	-6,65E-05	3,33E-05

evaluated from CML 2001, August 2016

1.3.133 S-WCP-S-8x260/100 Z

IT- Number	Product name	Pcs. per Sales pack	Weight [kg]	Material
2363645	S-WCP-S-8x260/100 Z	75	4,285	Steel, Cardboard

Environmental impact category	Total	Raw material	Produc-tion	Use	End of life	Transpor-tation
Global Warming Potential (GWP 100 years) [kg CO2-eq.]	4,740	8,476	1,600	0,000	-6,997	1,661
Ozone Depletion Potential (ODP, catalytic) [kg R11-eq.]	3,18E-11	7,56E-12	2,74E-11	0,000	-3,30E-12	1,86E-13
Acidification Potential (AP) [kg SO2-eq.]	1,53E-02	1,95E-02	3,32E-03	0,000	-1,60E-02	8,53E-03
Eutrification Potential (EP) [kg $(PO4)^{3-}$ eq.]	2,10E-03	1,87E-03	3,71E-04	0,000	-1,50E-03	1,36E-03
Photochemical Oxidant Potential (POCP) [kg Ethene-eq.]	-1,31E-04	2,95E-03	2,34E-04	0,000	-2,46E-03	-8,55E-04
Abiotic Depletion Potential non-Fossil Resources (ADPE) [kg Sb-eq.]	6,68E-07	1,07E-07	5,01E-07	0,000	-2,48E-08	8,46E-08
Abiotic Depletion Potential Fossil Fuels (ADPF) [MJ]	5,31E+01	7,25E+01	1,79E+01	0,000	-5,95E+01	2,23E+01
Energy (net calorific value) [MJ]	6,57E+01	7,35E+01	2,95E+01	0,000	-5,97E+01	2,24E+01
Energy ren. (net calorafic value) [MJ]	1,96E+01	5,76E+00	1,60E+01	0,000	-2,29E+00	1,31E-01
Water consumption [kg]	1,95E+01	1,19E+01	1,54E+01	0,000	-8,00E+00	1,79E-01
Air pollution [m^3]	3,65E+02	1,01E+03	1,03E+02	0,000	-8,38E+02	9,37E+01
Water pollution [m^3]	7,19E-01	4,35E-01	4,44E-01	0,000	-2,88E-01	1,27E-01
Hazardous waste for disposal [kg]	2,78E-08	2,45E-08	2,54E-09	0,000	6,54E-10	7,88E-11
Disposed of non-hazardous waste [kg]	4,84E-02	1,07E-01	2,18E-02	0,000	-8,32E-02	2,27E-03
Disposed of radioactive waste [kg]	5,00E-03	4,29E-04	4,61E-03	0,000	-6,83E-05	3,58E-05

evaluated from CML 2001, August 2016

1.3.134 S-WCP-S-8x280/100 Z

IT- Number	Product name	Pcs. per Sales pack	Weight [kg]	Material
2363646	S-WCP-S-8x280/100 Z	75	4,608	Steel, Cardboard

Environmental impact category	Total	Raw material	Produc-tion	Use	End of life	Transpor-tation
Global Warming Potential (GWP 100 years) [kg CO2-eq.]	5,092	9,089	1,717	0,000	-7,500	1,786
Ozone Depletion Potential (ODP, catalytic) [kg R11-eq.]	3,43E-11	8,30E-12	2,94E-11	0,000	-3,57E-12	2,00E-13
Acidification Potential (AP) [kg SO2-eq.]	1,64E-02	2,09E-02	3,56E-03	0,000	-1,72E-02	9,17E-03
Eutrification Potential (EP) [kg $(PO4)^{3-}$ eq.]	2,26E-03	2,01E-03	3,98E-04	0,000	-1,61E-03	1,46E-03
Photochemical Oxidant Potential (POCP) [kg Ethene-eq.]	-1,41E-04	3,17E-03	2,51E-04	0,000	-2,64E-03	-9,19E-04
Abiotic Depletion Potential non-Fossil Resources (ADPE) [kg Sb-eq.]	7,21E-07	1,19E-07	5,38E-07	0,000	-2,71E-08	9,10E-08
Abiotic Depletion Potential Fossil Fuels (ADPF) [MJ]	5,71E+01	7,79E+01	1,92E+01	0,000	-6,39E+01	2,40E+01
Energy (net calorific value) [MJ]	7,06E+01	7,90E+01	3,16E+01	0,000	-6,41E+01	2,41E+01
Energy ren. (net calorafic value) [MJ]	2,12E+01	6,40E+00	1,72E+01	0,000	-2,48E+00	1,40E-01
Water consumption [kg]	2,10E+01	1,29E+01	1,65E+01	0,000	-8,57E+00	1,92E-01
Air pollution [m^3]	3,92E+02	1,08E+03	1,10E+02	0,000	-8,99E+02	1,01E+02
Water pollution [m^3]	7,78E-01	4,74E-01	4,77E-01	0,000	-3,09E-01	1,37E-01
Hazardous waste for disposal [kg]	3,25E-08	2,90E-08	2,73E-09	0,000	6,93E-10	8,47E-11
Disposed of non-hazardous waste [kg]	5,26E-02	1,16E-01	2,34E-02	0,000	-8,89E-02	2,44E-03
Disposed of radioactive waste [kg]	5,37E-03	4,64E-04	4,94E-03	0,000	-7,82E-05	3,85E-05

evaluated from CML 2001, August 2016

1.3.135 S-WCP-S-8x300/100 Z

IT- Number	Product name	Pcs. per Sales pack	Weight [kg]	Material
2363647	S-WCP-S-8x300/100 Z	75	4,915	Steel, Cardboard

Environmental impact category	Total	Raw material	Produc-tion	Use	End of life	Transpor-tation
Global Warming Potential (GWP 100 years) [kg CO2-eq.]	5,435	9,714	1,834	0,000	-8,018	1,906
Ozone Depletion Potential (ODP, catalytic) [kg R11-eq.]	3,65E-11	8,73E-12	3,14E-11	0,000	-3,79E-12	2,13E-13
Acidification Potential (AP) [kg SO2-eq.]	1,75E-02	2,23E-02	3,80E-03	0,000	-1,84E-02	9,79E-03
Eutrification Potential (EP) [kg $(PO4)^{3-}$ eq.]	2,40E-03	2,15E-03	4,25E-04	0,000	-1,72E-03	1,56E-03
Photochemical Oxidant Potential (POCP) [kg Ethene-eq.]	-1,50E-04	3,38E-03	2,68E-04	0,000	-2,82E-03	-9,81E-04
Abiotic Depletion Potential non-Fossil Resources (ADPE) [kg Sb-eq.]	7,67E-07	1,24E-07	5,75E-07	0,000	-2,86E-08	9,71E-08
Abiotic Depletion Potential Fossil Fuels (ADPF) [MJ]	6,09E+01	8,31E+01	2,05E+01	0,000	-6,83E+01	2,56E+01
Energy (net calorific value) [MJ]	7,54E+01	8,43E+01	3,38E+01	0,000	-6,85E+01	2,57E+01
Energy ren. (net calorafic value) [MJ]	2,25E+01	6,68E+00	1,83E+01	0,000	-2,63E+00	1,50E-01
Water consumption [kg]	2,24E+01	1,37E+01	1,76E+01	0,000	-9,17E+00	2,05E-01
Air pollution [m^3]	4,18E+02	1,15E+03	1,18E+02	0,000	-9,60E+02	1,07E+02
Water pollution [m^3]	8,26E-01	5,01E-01	5,09E-01	0,000	-3,30E-01	1,46E-01
Hazardous waste for disposal [kg]	3,27E-08	2,90E-08	2,91E-09	0,000	7,47E-10	9,04E-11
Disposed of non-hazardous waste [kg]	5,57E-02	1,23E-01	2,50E-02	0,000	-9,53E-02	2,61E-03
Disposed of radioactive waste [kg]	5,74E-03	4,93E-04	5,28E-03	0,000	-7,99E-05	4,11E-05

evaluated from CML 2001, August 2016

1.3.136 S-WCP-S-8x320/100 Z

IT- Number	Product name	Pcs. per Sales pack	Weight [kg]	Material
2363648	S-WCP-S-8x320/100 Z	75	5,237	Steel, Cardboard

Environmental impact category	Total	Raw material	Produc-tion	Use	End of life	Transpor-tation
Global Warming Potential (GWP 100 years) [kg CO2-eq.]	5,787	10,328	1,951	0,000	-8,522	2,030
Ozone Depletion Potential (ODP, catalytic) [kg R11-eq.]	3,90E-11	9,45E-12	3,34E-11	0,000	-4,06E-12	2,27E-13
Acidification Potential (AP) [kg SO2-eq.]	1,87E-02	2,38E-02	4,04E-03	0,000	-1,96E-02	1,04E-02
Eutrification Potential (EP) [kg $(PO4)^{3-}$ eq.]	2,57E-03	2,29E-03	4,52E-04	0,000	-1,84E-03	1,66E-03
Photochemical Oxidant Potential (POCP) [kg Ethene-eq.]	-1,61E-04	3,60E-03	2,85E-04	0,000	-3,00E-03	-1,04E-03
Abiotic Depletion Potential non-Fossil Resources (ADPE) [kg Sb-eq.]	8,20E-07	1,36E-07	6,11E-07	0,000	-3,08E-08	1,03E-07
Abiotic Depletion Potential Fossil Fuels (ADPF) [MJ]	6,49E+01	8,85E+01	2,18E+01	0,000	-7,27E+01	2,73E+01
Energy (net calorific value) [MJ]	8,03E+01	8,98E+01	3,59E+01	0,000	-7,29E+01	2,74E+01
Energy ren. (net calorafic value) [MJ]	2,41E+01	7,29E+00	1,95E+01	0,000	-2,82E+00	1,60E-01
Water consumption [kg]	2,39E+01	1,47E+01	1,88E+01	0,000	-9,73E+00	2,19E-01
Air pollution [m^3]	4,45E+02	1,23E+03	1,25E+02	0,000	-1,02E+03	1,14E+02
Water pollution [m^3]	8,84E-01	5,39E-01	5,42E-01	0,000	-3,52E-01	1,55E-01
Hazardous waste for disposal [kg]	3,72E-08	3,32E-08	3,10E-09	0,000	7,86E-10	9,63E-11
Disposed of non-hazardous waste [kg]	5,98E-02	1,31E-01	2,66E-02	0,000	-1,01E-01	2,78E-03
Disposed of radioactive waste [kg]	6,10E-03	5,27E-04	5,62E-03	0,000	-8,92E-05	4,38E-05

evaluated from CML 2001, August 2016

1.3.137 S-WCP-S-8x340/100 Z

IT- Number	Product name	Pcs. per Sales pack	Weight [kg]	Material
2363649	S-WCP-S-8x340/100 Z	75	5,544	Steel, Cardboard

Environmental impact category	Total	Raw material	Produc-tion	Use	End of life	Transpor-tation
Global Warming Potential (GWP 100 years) [kg CO2-eq.]	6,130	10,953	2,068	0,000	-9,040	2,150
Ozone Depletion Potential (ODP, catalytic) [kg R11-eq.]	4,12E-11	9,88E-12	3,54E-11	0,000	-4,28E-12	2,41E-13
Acidification Potential (AP) [kg SO2-eq.]	1,98E-02	2,52E-02	4,29E-03	0,000	-2,07E-02	1,10E-02
Eutrification Potential (EP) [kg $(PO4)^{3-}$ eq.]	2,71E-03	2,42E-03	4,79E-04	0,000	-1,95E-03	1,76E-03
Photochemical Oxidant Potential (POCP) [kg Ethene-eq.]	-1,70E-04	3,82E-03	3,02E-04	0,000	-3,18E-03	-1,11E-03
Abiotic Depletion Potential non-Fossil Resources (ADPE) [kg Sb-eq.]	8,66E-07	1,41E-07	6,48E-07	0,000	-3,24E-08	1,09E-07
Abiotic Depletion Potential Fossil Fuels (ADPF) [MJ]	6,87E+01	9,37E+01	2,31E+01	0,000	-7,70E+01	2,89E+01
Energy (net calorific value) [MJ]	8,50E+01	9,51E+01	3,81E+01	0,000	-7,72E+01	2,90E+01
Energy ren. (net calorafic value) [MJ]	2,55E+01	7,57E+00	2,07E+01	0,000	-2,97E+00	1,69E-01
Water consumption [kg]	2,53E+01	1,55E+01	1,99E+01	0,000	-1,03E+01	2,31E-01
Air pollution [m^3]	4,72E+02	1,30E+03	1,33E+02	0,000	-1,08E+03	1,21E+02
Water pollution [m^3]	9,33E-01	5,66E-01	5,74E-01	0,000	-3,72E-01	1,64E-01
Hazardous waste for disposal [kg]	3,74E-08	3,32E-08	3,28E-09	0,000	8,40E-10	1,02E-10
Disposed of non-hazardous waste [kg]	6,29E-02	1,39E-01	2,82E-02	0,000	-1,07E-01	2,94E-03
Disposed of radioactive waste [kg]	6,47E-03	5,57E-04	5,96E-03	0,000	-9,10E-05	4,64E-05

evaluated from CML 2001, August 2016

1.3.138 S-WCP-S-8x360/100 Z

IT- Number	Product name	Pcs. per Sales pack	Weight [kg]	Material
2363650	S-WCP-S-8x360/100 Z	75	5,852	Steel, Cardboard

Environmental impact category	Total	Raw material	Produc-tion	Use	End of life	Transpor-tation
Global Warming Potential (GWP 100 years) [kg CO2-eq.]	6,473	11,577	2,185	0,000	-9,558	2,269
Ozone Depletion Potential (ODP, catalytic) [kg R11-eq.]	4,34E-11	1,03E-11	3,74E-11	0,000	-4,50E-12	2,54E-13
Acidification Potential (AP) [kg SO2-eq.]	2,09E-02	2,66E-02	4,53E-03	0,000	-2,19E-02	1,17E-02
Eutrification Potential (EP) [kg $(PO4)^{3-}$ eq.]	2,86E-03	2,55E-03	5,06E-04	0,000	-2,06E-03	1,85E-03
Photochemical Oxidant Potential (POCP) [kg Ethene-eq.]	-1,79E-04	4,03E-03	3,19E-04	0,000	-3,36E-03	-1,17E-03
Abiotic Depletion Potential non-Fossil Resources (ADPE) [kg Sb-eq.]	9,12E-07	1,45E-07	6,85E-07	0,000	-3,39E-08	1,16E-07
Abiotic Depletion Potential Fossil Fuels (ADPF) [MJ]	7,26E+01	9,89E+01	2,44E+01	0,000	-8,13E+01	3,05E+01
Energy (net calorific value) [MJ]	8,98E+01	1,00E+02	4,03E+01	0,000	-8,15E+01	3,06E+01
Energy ren. (net calorafic value) [MJ]	2,68E+01	7,85E+00	2,19E+01	0,000	-3,13E+00	1,78E-01
Water consumption [kg]	2,66E+01	1,63E+01	2,10E+01	0,000	-1,09E+01	2,44E-01
Air pollution [m^3]	4,98E+02	1,37E+03	1,40E+02	0,000	-1,14E+03	1,28E+02
Water pollution [m^3]	9,81E-01	5,94E-01	6,07E-01	0,000	-3,93E-01	1,74E-01
Hazardous waste for disposal [kg]	3,76E-08	3,31E-08	3,47E-09	0,000	8,95E-10	1,08E-10
Disposed of non-hazardous waste [kg]	6,60E-02	1,47E-01	2,98E-02	0,000	-1,14E-01	3,10E-03
Disposed of radioactive waste [kg]	6,84E-03	5,86E-04	6,29E-03	0,000	-9,27E-05	4,89E-05

evaluated from CML 2001, August 2016

1.3.139 S-WCP-S-8x380/100 Z

IT- Number	Product name	Pcs. per Sales pack	Weight [kg]	Material
2363651	S-WCP-S-8x380/100 Z	75	6,159	Steel, Cardboard

Environmental impact category	Total	Raw material	Produc-tion	Use	End of life	Transpor-tation
Global Warming Potential (GWP 100 years) [kg CO2-eq.]	6,816	12,201	2,302	0,000	-10,075	2,388
Ozone Depletion Potential (ODP, catalytic) [kg R11-eq.]	4,57E-11	1,07E-11	3,94E-11	0,000	-4,73E-12	2,68E-13
Acidification Potential (AP) [kg SO2-eq.]	2,20E-02	2,80E-02	4,77E-03	0,000	-2,31E-02	1,23E-02
Eutrification Potential (EP) [kg $(PO4)^{3-}$ eq.]	3,01E-03	2,69E-03	5,34E-04	0,000	-2,17E-03	1,95E-03
Photochemical Oxidant Potential (POCP) [kg Ethene-eq.]	-1,88E-04	4,25E-03	3,36E-04	0,000	-3,54E-03	-1,23E-03
Abiotic Depletion Potential non-Fossil Resources (ADPE) [kg Sb-eq.]	9,58E-07	1,50E-07	7,22E-07	0,000	-3,54E-08	1,22E-07
Abiotic Depletion Potential Fossil Fuels (ADPF) [MJ]	7,64E+01	1,04E+02	2,57E+01	0,000	-8,56E+01	3,21E+01
Energy (net calorific value) [MJ]	9,45E+01	1,06E+02	4,24E+01	0,000	-8,59E+01	3,22E+01
Energy ren. (net calorafic value) [MJ]	2,81E+01	8,13E+00	2,30E+01	0,000	-3,28E+00	1,88E-01
Water consumption [kg]	2,79E+01	1,71E+01	2,21E+01	0,000	-1,15E+01	2,57E-01
Air pollution [m^3]	5,24E+02	1,45E+03	1,48E+02	0,000	-1,21E+03	1,35E+02
Water pollution [m^3]	1,03E+00	6,21E-01	6,39E-01	0,000	-4,14E-01	1,83E-01
Hazardous waste for disposal [kg]	3,78E-08	3,31E-08	3,66E-09	0,000	9,49E-10	1,13E-10
Disposed of non-hazardous waste [kg]	6,91E-02	1,54E-01	3,14E-02	0,000	-1,20E-01	3,27E-03
Disposed of radioactive waste [kg]	7,20E-03	6,15E-04	6,63E-03	0,000	-9,45E-05	5,15E-05

evaluated from CML 2001, August 2016

1.3.140 S-WCP-S-8x400/100 Z

IT- Number	Product name	Pcs. per Sales pack	Weight [kg]	Material
2363652	S-WCP-S-8x400/100 Z	75	6,467	Steel, Cardboard

Environmental impact category	Total	Raw material	Produc-tion	Use	End of life	Transpor-tation
Global Warming Potential (GWP 100 years) [kg CO2-eq.]	7,159	12,826	2,419	0,000	-10,593	2,507
Ozone Depletion Potential (ODP, catalytic) [kg R11-eq.]	4,79E-11	1,12E-11	4,14E-11	0,000	-4,95E-12	2,81E-13
Acidification Potential (AP) [kg SO2-eq.]	2,30E-02	2,94E-02	5,01E-03	0,000	-2,42E-02	1,29E-02
Eutrification Potential (EP) [kg $(PO4)^{3-}$ eq.]	3,16E-03	2,82E-03	5,61E-04	0,000	-2,28E-03	2,05E-03
Photochemical Oxidant Potential (POCP) [kg Ethene-eq.]	-1,97E-04	4,46E-03	3,53E-04	0,000	-3,72E-03	-1,29E-03
Abiotic Depletion Potential non-Fossil Resources (ADPE) [kg Sb-eq.]	1,00E-06	1,55E-07	7,58E-07	0,000	-3,69E-08	1,28E-07
Abiotic Depletion Potential Fossil Fuels (ADPF) [MJ]	8,02E+01	1,09E+02	2,70E+01	0,000	-8,99E+01	3,37E+01
Energy (net calorific value) [MJ]	9,93E+01	1,11E+02	4,46E+01	0,000	-9,02E+01	3,38E+01
Energy ren. (net calorafic value) [MJ]	2,94E+01	8,41E+00	2,42E+01	0,000	-3,44E+00	1,97E-01
Water consumption [kg]	2,93E+01	1,79E+01	2,33E+01	0,000	-1,21E+01	2,70E-01
Air pollution [m^3]	5,51E+02	1,52E+03	1,55E+02	0,000	-1,27E+03	1,41E+02
Water pollution [m^3]	1,08E+00	6,48E-01	6,72E-01	0,000	-4,34E-01	1,92E-01
Hazardous waste for disposal [kg]	3,80E-08	3,30E-08	3,84E-09	0,000	1,00E-09	1,19E-10
Disposed of non-hazardous waste [kg]	7,22E-02	1,62E-01	3,30E-02	0,000	-1,26E-01	3,43E-03
Disposed of radioactive waste [kg]	7,57E-03	6,44E-04	6,97E-03	0,000	-9,62E-05	5,41E-05

evaluated from CML 2001, August 2016

1.3.141 S-WCP-S-10x160/80 Z

IT- Number	Product name	Pcs. per Sales pack	Weight [kg]	Material
2363653	S-WCP-S-10x160/80 Z	50	2,655	Steel, Cardboard

Environmental impact category	Total	Raw material	Produc-tion	Use	End of life	Transpor-tation
Global Warming Potential (GWP 100 years) [kg CO2-eq.]	2,939	5,262	0,993	0,000	-4,345	1,029
Ozone Depletion Potential (ODP, catalytic) [kg R11-eq.]	1,97E-11	4,61E-12	1,70E-11	0,000	-2,04E-12	1,15E-13
Acidification Potential (AP) [kg SO2-eq.]	9,46E-03	1,21E-02	2,06E-03	0,000	-9,95E-03	5,29E-03
Eutrification Potential (EP) [kg $(PO4)^{3-}$ eq.]	1,30E-03	1,16E-03	2,30E-04	0,000	-9,34E-04	8,42E-04
Photochemical Oxidant Potential (POCP) [kg Ethene-eq.]	-8,08E-05	1,83E-03	1,45E-04	0,000	-1,53E-03	-5,30E-04
Abiotic Depletion Potential non-Fossil Resources (ADPE) [kg Sb-eq.]	4,13E-07	6,43E-08	3,11E-07	0,000	-1,52E-08	5,24E-08
Abiotic Depletion Potential Fossil Fuels (ADPF) [MJ]	3,29E+01	4,49E+01	1,11E+01	0,000	-3,69E+01	1,38E+01
Energy (net calorific value) [MJ]	4,07E+01	4,56E+01	1,83E+01	0,000	-3,70E+01	1,39E+01
Energy ren. (net calorafic value) [MJ]	1,21E+01	3,48E+00	9,93E+00	0,000	-1,41E+00	8,09E-02
Water consumption [kg]	1,20E+01	7,35E+00	9,55E+00	0,000	-4,97E+00	1,11E-01
Air pollution [m^3]	2,26E+02	6,24E+02	6,37E+01	0,000	-5,20E+02	5,80E+01
Water pollution [m^3]	4,43E-01	2,67E-01	2,76E-01	0,000	-1,78E-01	7,87E-02
Hazardous waste for disposal [kg]	1,60E-08	1,40E-08	1,58E-09	0,000	4,10E-10	4,88E-11
Disposed of non-hazardous waste [kg]	2,97E-02	6,66E-02	1,36E-02	0,000	-5,18E-02	1,41E-03
Disposed of radioactive waste [kg]	3,11E-03	2,65E-04	2,86E-03	0,000	-4,03E-05	2,22E-05

evaluated from CML 2001, August 2016

1.3.142 S-WCP-S-10x180/100 Z

IT- Number	Product name	Pcs. per Sales pack	Weight [kg]	Material
2363654	S-WCP-S-10x180/100 Z	50	2,952	Steel, Cardboard

Environmental impact category	Total	Raw material	Produc-tion	Use	End of life	Transpor-tation
Global Warming Potential (GWP 100 years) [kg CO2-eq.]	3,270	5,865	1,106	0,000	-4,845	1,145
Ozone Depletion Potential (ODP, catalytic) [kg R11-eq.]	2,18E-11	5,02E-12	1,89E-11	0,000	-2,25E-12	1,28E-13
Acidification Potential (AP) [kg SO2-eq.]	1,05E-02	1,34E-02	2,29E-03	0,000	-1,11E-02	5,88E-03
Eutrification Potential (EP) [kg $(PO4)^{3-}$ eq.]	1,44E-03	1,29E-03	2,56E-04	0,000	-1,04E-03	9,36E-04
Photochemical Oxidant Potential (POCP) [kg Ethene-eq.]	-8,95E-05	2,04E-03	1,61E-04	0,000	-1,70E-03	-5,89E-04
Abiotic Depletion Potential non-Fossil Resources (ADPE) [kg Sb-eq.]	4,57E-07	6,89E-08	3,47E-07	0,000	-1,67E-08	5,83E-08
Abiotic Depletion Potential Fossil Fuels (ADPF) [MJ]	3,66E+01	5,00E+01	1,24E+01	0,000	-4,11E+01	1,54E+01
Energy (net calorific value) [MJ]	4,53E+01	5,07E+01	2,04E+01	0,000	-4,12E+01	1,54E+01
Energy ren. (net calorafic value) [MJ]	1,33E+01	3,75E+00	1,11E+01	0,000	-1,57E+00	9,00E-02
Water consumption [kg]	1,33E+01	8,13E+00	1,06E+01	0,000	-5,55E+00	1,23E-01
Air pollution [m^3]	2,52E+02	6,95E+02	7,09E+01	0,000	-5,79E+02	6,45E+01
Water pollution [m^3]	4,89E-01	2,93E-01	3,07E-01	0,000	-1,98E-01	8,75E-02
Hazardous waste for disposal [kg]	1,62E-08	1,40E-08	1,76E-09	0,000	4,62E-10	5,43E-11
Disposed of non-hazardous waste [kg]	3,27E-02	7,39E-02	1,51E-02	0,000	-5,79E-02	1,56E-03
Disposed of radioactive waste [kg]	3,46E-03	2,93E-04	3,18E-03	0,000	-4,20E-05	2,47E-05

evaluated from CML 2001, August 2016

1.3.143 S-WCP-S-10x200/100 Z

IT- Number	Product name	Pcs. per Sales pack	Weight [kg]	Material
2363655	S-WCP-S-10x200/100 Z	50	3,207	Steel, Cardboard

Environmental impact category	Total	Raw material	Produc-tion	Use	End of life	Transpor-tation
Global Warming Potential (GWP 100 years) [kg CO2-eq.]	3,537	6,287	1,190	0,000	-5,182	1,243
Ozone Depletion Potential (ODP, catalytic) [kg R11-eq.]	2,40E-11	6,07E-12	2,04E-11	0,000	-2,52E-12	1,39E-13
Acidification Potential (AP) [kg SO2-eq.]	1,14E-02	1,45E-02	2,47E-03	0,000	-1,19E-02	6,39E-03
Eutrification Potential (EP) [kg $(PO4)^{3-}$ eq.]	1,58E-03	1,41E-03	2,76E-04	0,000	-1,12E-03	1,02E-03
Photochemical Oxidant Potential (POCP) [kg Ethene-eq.]	-9,92E-05	2,20E-03	1,74E-04	0,000	-1,83E-03	-6,40E-04
Abiotic Depletion Potential non-Fossil Resources (ADPE) [kg Sb-eq.]	5,07E-07	9,02E-08	3,73E-07	0,000	-1,95E-08	6,33E-08
Abiotic Depletion Potential Fossil Fuels (ADPF) [MJ]	3,97E+01	5,41E+01	1,33E+01	0,000	-4,44E+01	1,67E+01
Energy (net calorific value) [MJ]	4,91E+01	5,49E+01	2,19E+01	0,000	-4,45E+01	1,68E+01
Energy ren. (net calorafic value) [MJ]	1,50E+01	4,78E+00	1,19E+01	0,000	-1,74E+00	9,77E-02
Water consumption [kg]	1,48E+01	9,12E+00	1,14E+01	0,000	-5,90E+00	1,34E-01
Air pollution [m^3]	2,72E+02	7,49E+02	7,63E+01	0,000	-6,23E+02	7,01E+01
Water pollution [m^3]	5,50E-01	3,40E-01	3,30E-01	0,000	-2,15E-01	9,51E-02
Hazardous waste for disposal [kg]	2,71E-08	2,47E-08	1,89E-09	0,000	4,64E-10	5,90E-11
Disposed of non-hazardous waste [kg]	3,76E-02	8,06E-02	1,62E-02	0,000	-6,10E-02	1,70E-03
Disposed of radioactive waste [kg]	3,72E-03	3,27E-04	3,43E-03	0,000	-6,22E-05	2,68E-05

evaluated from CML 2001, August 2016

1.3.144 S-WCP-S-10x220/100 Z

IT- Number	Product name	Pcs. per Sales pack	Weight [kg]	Material
2363656	S-WCP-S-10x220/100 Z	50	3,581	Steel, Cardboard

Environmental impact category	Total	Raw material	Produc-tion	Use	End of life	Transpor-tation
Global Warming Potential (GWP 100 years) [kg CO2-eq.]	3,955	7,046	1,332	0,000	-5,812	1,388
Ozone Depletion Potential (ODP, catalytic) [kg R11-eq.]	2,67E-11	6,59E-12	2,28E-11	0,000	-2,79E-12	1,56E-13
Acidification Potential (AP) [kg SO2-eq.]	1,28E-02	1,62E-02	2,76E-03	0,000	-1,34E-02	7,13E-03
Eutrification Potential (EP) [kg $(PO4)^{3-}$ eq.]	1,76E-03	1,57E-03	3,09E-04	0,000	-1,25E-03	1,14E-03
Photochemical Oxidant Potential (POCP) [kg Ethene-eq.]	-1,10E-04	2,46E-03	1,94E-04	0,000	-2,05E-03	-7,14E-04
Abiotic Depletion Potential non-Fossil Resources (ADPE) [kg Sb-eq.]	5,63E-07	9,59E-08	4,17E-07	0,000	-2,14E-08	7,07E-08
Abiotic Depletion Potential Fossil Fuels (ADPF) [MJ]	4,44E+01	6,05E+01	1,49E+01	0,000	-4,96E+01	1,87E+01
Energy (net calorific value) [MJ]	5,49E+01	6,14E+01	2,45E+01	0,000	-4,98E+01	1,87E+01
Energy ren. (net calorafic value) [MJ]	1,66E+01	5,12E+00	1,33E+01	0,000	-1,93E+00	1,09E-01
Water consumption [kg]	1,64E+01	1,01E+01	1,28E+01	0,000	-6,63E+00	1,49E-01
Air pollution [m^3]	3,04E+02	8,38E+02	8,54E+01	0,000	-6,97E+02	7,83E+01
Water pollution [m^3]	6,08E-01	3,73E-01	3,70E-01	0,000	-2,40E-01	1,06E-01
Hazardous waste for disposal [kg]	2,73E-08	2,46E-08	2,12E-09	0,000	5,30E-10	6,58E-11
Disposed of non-hazardous waste [kg]	4,13E-02	9,00E-02	1,82E-02	0,000	-6,87E-02	1,90E-03
Disposed of radioactive waste [kg]	4,16E-03	3,62E-04	3,84E-03	0,000	-6,43E-05	3,00E-05

evaluated from CML 2001, August 2016

1.3.145 S-WCP-S-10x240/100 Z

IT- Number	Product name	Pcs. per Sales pack	Weight [kg]	Material
2363657	S-WCP-S-10x240/100 Z	50	3,878	Steel, Cardboard

Environmental impact category	Total	Raw material	Produc-tion	Use	End of life	Transpor-tation
Global Warming Potential (GWP 100 years) [kg CO2-eq.]	4,286	7,649	1,445	0,000	-6,312	1,504
Ozone Depletion Potential (ODP, catalytic) [kg R11-eq.]	2,89E-11	7,00E-12	2,47E-11	0,000	-3,01E-12	1,68E-13
Acidification Potential (AP) [kg SO2-eq.]	1,38E-02	1,76E-02	2,99E-03	0,000	-1,45E-02	7,72E-03
Eutrification Potential (EP) [kg $(PO4)^{3-}$ eq.]	1,90E-03	1,70E-03	3,35E-04	0,000	-1,36E-03	1,23E-03
Photochemical Oxidant Potential (POCP) [kg Ethene-eq.]	-1,19E-04	2,67E-03	2,11E-04	0,000	-2,22E-03	-7,74E-04
Abiotic Depletion Potential non-Fossil Resources (ADPE) [kg Sb-eq.]	6,07E-07	1,01E-07	4,53E-07	0,000	-2,28E-08	7,66E-08
Abiotic Depletion Potential Fossil Fuels (ADPF) [MJ]	4,81E+01	6,55E+01	1,61E+01	0,000	-5,38E+01	2,02E+01
Energy (net calorific value) [MJ]	5,94E+01	6,65E+01	2,66E+01	0,000	-5,40E+01	2,03E+01
Energy ren. (net calorafic value) [MJ]	1,79E+01	5,39E+00	1,45E+01	0,000	-2,08E+00	1,18E-01
Water consumption [kg]	1,77E+01	1,09E+01	1,39E+01	0,000	-7,21E+00	1,62E-01
Air pollution [m^3]	3,30E+02	9,09E+02	9,27E+01	0,000	-7,57E+02	8,48E+01
Water pollution [m^3]	6,55E-01	3,99E-01	4,01E-01	0,000	-2,60E-01	1,15E-01
Hazardous waste for disposal [kg]	2,75E-08	2,46E-08	2,30E-09	0,000	5,82E-10	7,13E-11
Disposed of non-hazardous waste [kg]	4,43E-02	9,73E-02	1,97E-02	0,000	-7,48E-02	2,06E-03
Disposed of radioactive waste [kg]	4,52E-03	3,91E-04	4,16E-03	0,000	-6,60E-05	3,24E-05

evaluated from CML 2001, August 2016

1.3.146 S-WCP-S-10x260/100 Z

IT- Number	Product name	Pcs. per Sales pack	Weight [kg]	Material
2363658	S-WCP-S-10x260/100 Z	50	4,175	Steel, Cardboard

Environmental impact category	Total	Raw material	Produc-tion	Use	End of life	Transpor-tation
Global Warming Potential (GWP 100 years) [kg CO2-eq.]	4,617	8,252	1,558	0,000	-6,812	1,619
Ozone Depletion Potential (ODP, catalytic) [kg R11-eq.]	3,10E-11	7,41E-12	2,67E-11	0,000	-3,22E-12	1,81E-13
Acidification Potential (AP) [kg SO2-eq.]	1,49E-02	1,90E-02	3,23E-03	0,000	-1,56E-02	8,31E-03
Eutrification Potential (EP) [kg $(PO4)^{3-}$ eq.]	2,04E-03	1,82E-03	3,61E-04	0,000	-1,47E-03	1,32E-03
Photochemical Oxidant Potential (POCP) [kg Ethene-eq.]	-1,28E-04	2,88E-03	2,27E-04	0,000	-2,40E-03	-8,33E-04
Abiotic Depletion Potential non-Fossil Resources (ADPE) [kg Sb-eq.]	6,52E-07	1,05E-07	4,88E-07	0,000	-2,43E-08	8,24E-08
Abiotic Depletion Potential Fossil Fuels (ADPF) [MJ]	5,18E+01	7,06E+01	1,74E+01	0,000	-5,80E+01	2,18E+01
Energy (net calorific value) [MJ]	6,40E+01	7,16E+01	2,87E+01	0,000	-5,82E+01	2,18E+01
Energy ren. (net calorafic value) [MJ]	1,91E+01	5,66E+00	1,56E+01	0,000	-2,24E+00	1,27E-01
Water consumption [kg]	1,90E+01	1,16E+01	1,50E+01	0,000	-7,79E+00	1,74E-01
Air pollution [m^3]	3,55E+02	9,80E+02	9,99E+01	0,000	-8,16E+02	9,12E+01
Water pollution [m^3]	7,01E-01	4,25E-01	4,32E-01	0,000	-2,80E-01	1,24E-01
Hazardous waste for disposal [kg]	2,77E-08	2,45E-08	2,47E-09	0,000	6,35E-10	7,67E-11
Disposed of non-hazardous waste [kg]	4,73E-02	1,05E-01	2,13E-02	0,000	-8,10E-02	2,21E-03
Disposed of radioactive waste [kg]	4,87E-03	4,19E-04	4,49E-03	0,000	-6,77E-05	3,49E-05

evaluated from CML 2001, August 2016

1.3.147 S-WCP-S-10x280/100 Z

IT- Number	Product name	Pcs. per Sales pack	Weight [kg]	Material
2363659	S-WCP-S-10x280/100 Z	50	4,487	Steel, Cardboard

Environmental impact category	Total	Raw material	Produc-tion	Use	End of life	Transpor-tation
Global Warming Potential (GWP 100 years) [kg CO2-eq.]	4,958	8,845	1,671	0,000	-7,298	1,740
Ozone Depletion Potential (ODP, catalytic) [kg R11-eq.]	3,34E-11	8,14E-12	2,86E-11	0,000	-3,48E-12	1,95E-13
Acidification Potential (AP) [kg SO2-eq.]	1,60E-02	2,03E-02	3,46E-03	0,000	-1,67E-02	8,93E-03
Eutrification Potential (EP) [kg $(PO4)^{3-}$ eq.]	2,20E-03	1,96E-03	3,87E-04	0,000	-1,57E-03	1,42E-03
Photochemical Oxidant Potential (POCP) [kg Ethene-eq.]	-1,38E-04	3,08E-03	2,44E-04	0,000	-2,57E-03	-8,95E-04
Abiotic Depletion Potential non-Fossil Resources (ADPE) [kg Sb-eq.]	7,03E-07	1,17E-07	5,24E-07	0,000	-2,65E-08	8,86E-08
Abiotic Depletion Potential Fossil Fuels (ADPF) [MJ]	5,56E+01	7,58E+01	1,87E+01	0,000	-6,22E+01	2,34E+01
Energy (net calorific value) [MJ]	6,88E+01	7,69E+01	3,08E+01	0,000	-6,24E+01	2,35E+01
Energy ren. (net calorafic value) [MJ]	2,07E+01	6,29E+00	1,67E+01	0,000	-2,42E+00	1,37E-01
Water consumption [kg]	2,05E+01	1,26E+01	1,61E+01	0,000	-8,33E+00	1,87E-01
Air pollution [m^3]	3,82E+02	1,05E+03	1,07E+02	0,000	-8,75E+02	9,81E+01
Water pollution [m^3]	7,59E-01	4,63E-01	4,64E-01	0,000	-3,01E-01	1,33E-01
Hazardous waste for disposal [kg]	3,25E-08	2,91E-08	2,65E-09	0,000	6,71E-10	8,25E-11
Disposed of non-hazardous waste [kg]	5,14E-02	1,13E-01	2,28E-02	0,000	-8,65E-02	2,38E-03
Disposed of radioactive waste [kg]	5,23E-03	4,52E-04	4,81E-03	0,000	-7,75E-05	3,75E-05

evaluated from CML 2001, August 2016

1.3.148 S-WCP-S-10x300/100 Z

IT- Number	Product name	Pcs. per Sales pack	Weight [kg]	Material
2363660	S-WCP-S-10x300/100 Z	50	4,784	Steel, Cardboard

Environmental impact category	Total	Raw material	Produc-tion	Use	End of life	Transpor-tation
Global Warming Potential (GWP 100 years) [kg CO2-eq.]	5,289	9,448	1,784	0,000	-7,798	1,855
Ozone Depletion Potential (ODP, catalytic) [kg R11-eq.]	3,56E-11	8,55E-12	3,05E-11	0,000	-3,70E-12	2,08E-13
Acidification Potential (AP) [kg SO2-eq.]	1,71E-02	2,17E-02	3,70E-03	0,000	-1,79E-02	9,53E-03
Eutrification Potential (EP) [kg $(PO4)^{3-}$ eq.]	2,34E-03	2,09E-03	4,14E-04	0,000	-1,68E-03	1,52E-03
Photochemical Oxidant Potential (POCP) [kg Ethene-eq.]	-1,46E-04	3,29E-03	2,61E-04	0,000	-2,75E-03	-9,54E-04
Abiotic Depletion Potential non-Fossil Resources (ADPE) [kg Sb-eq.]	7,48E-07	1,22E-07	5,59E-07	0,000	-2,80E-08	9,45E-08
Abiotic Depletion Potential Fossil Fuels (ADPF) [MJ]	5,93E+01	8,09E+01	1,99E+01	0,000	-6,64E+01	2,49E+01
Energy (net calorific value) [MJ]	7,34E+01	8,21E+01	3,29E+01	0,000	-6,66E+01	2,50E+01
Energy ren. (net calorafic value) [MJ]	2,20E+01	6,56E+00	1,78E+01	0,000	-2,57E+00	1,46E-01
Water consumption [kg]	2,18E+01	1,34E+01	1,72E+01	0,000	-8,91E+00	2,00E-01
Air pollution [m^3]	4,07E+02	1,12E+03	1,14E+02	0,000	-9,34E+02	1,05E+02
Water pollution [m^3]	8,05E-01	4,90E-01	4,95E-01	0,000	-3,21E-01	1,42E-01
Hazardous waste for disposal [kg]	3,27E-08	2,90E-08	2,83E-09	0,000	7,24E-10	8,79E-11
Disposed of non-hazardous waste [kg]	5,44E-02	1,20E-01	2,44E-02	0,000	-9,26E-02	2,54E-03
Disposed of radioactive waste [kg]	5,58E-03	4,81E-04	5,14E-03	0,000	-7,92E-05	4,00E-05

evaluated from CML 2001, August 2016

1.3.149 S-WCP-S-10x320/100 Z

IT- Number	Product name	Pcs. per Sales pack	Weight [kg]	Material
2363661	S-WCP-S-10x320/100 Z	50	5,095	Steel, Cardboard

Environmental impact category	Total	Raw material	Produc-tion	Use	End of life	Transpor-tation
Global Warming Potential (GWP 100 years) [kg CO2-eq.]	5,629	10,041	1,897	0,000	-8,284	1,975
Ozone Depletion Potential (ODP, catalytic) [kg R11-eq.]	3,80E-11	9,26E-12	3,25E-11	0,000	-3,96E-12	2,21E-13
Acidification Potential (AP) [kg SO2-eq.]	1,82E-02	2,31E-02	3,93E-03	0,000	-1,90E-02	1,01E-02
Eutrification Potential (EP) [kg $(PO4)^{3-}$ eq.]	2,50E-03	2,23E-03	4,40E-04	0,000	-1,78E-03	1,62E-03
Photochemical Oxidant Potential (POCP) [kg Ethene-eq.]	-1,56E-04	3,50E-03	2,77E-04	0,000	-2,92E-03	-1,02E-03
Abiotic Depletion Potential non-Fossil Resources (ADPE) [kg Sb-eq.]	7,99E-07	1,34E-07	5,95E-07	0,000	-3,01E-08	1,01E-07
Abiotic Depletion Potential Fossil Fuels (ADPF) [MJ]	6,32E+01	8,61E+01	2,12E+01	0,000	-7,07E+01	2,66E+01
Energy (net calorific value) [MJ]	7,81E+01	8,74E+01	3,50E+01	0,000	-7,09E+01	2,67E+01
Energy ren. (net calorafic value) [MJ]	2,35E+01	7,16E+00	1,90E+01	0,000	-2,74E+00	1,55E-01
Water consumption [kg]	2,33E+01	1,43E+01	1,82E+01	0,000	-9,46E+00	2,13E-01
Air pollution [m^3]	4,33E+02	1,19E+03	1,22E+02	0,000	-9,93E+02	1,11E+02
Water pollution [m^3]	8,62E-01	5,27E-01	5,27E-01	0,000	-3,42E-01	1,51E-01
Hazardous waste for disposal [kg]	3,71E-08	3,33E-08	3,01E-09	0,000	7,61E-10	9,37E-11
Disposed of non-hazardous waste [kg]	5,84E-02	1,28E-01	2,59E-02	0,000	-9,81E-02	2,70E-03
Disposed of radioactive waste [kg]	5,93E-03	5,14E-04	5,46E-03	0,000	-8,84E-05	4,26E-05

evaluated from CML 2001, August 2016

1.3.150 S-WCP-S-10x340/100 Z

IT- Number	Product name	Pcs. per Sales pack	Weight [kg]	Material
2363662	S-WCP-S-10x340/100 Z	50	5,392	Steel, Cardboard

Environmental impact category	Total	Raw material	Produc-tion	Use	End of life	Transpor-tation
Global Warming Potential (GWP 100 years) [kg CO2-eq.]	5,961	10,644	2,010	0,000	-8,784	2,091
Ozone Depletion Potential (ODP, catalytic) [kg R11-eq.]	4,01E-11	9,67E-12	3,44E-11	0,000	-4,17E-12	2,34E-13
Acidification Potential (AP) [kg SO2-eq.]	1,92E-02	2,45E-02	4,17E-03	0,000	-2,01E-02	1,07E-02
Eutrification Potential (EP) [kg $(PO4)^{3-}$ eq.]	2,64E-03	2,36E-03	4,66E-04	0,000	-1,89E-03	1,71E-03
Photochemical Oxidant Potential (POCP) [kg Ethene-eq.]	-1,65E-04	3,71E-03	2,94E-04	0,000	-3,09E-03	-1,08E-03
Abiotic Depletion Potential non-Fossil Resources (ADPE) [kg Sb-eq.]	8,43E-07	1,38E-07	6,30E-07	0,000	-3,16E-08	1,06E-07
Abiotic Depletion Potential Fossil Fuels (ADPF) [MJ]	6,68E+01	9,11E+01	2,25E+01	0,000	-7,48E+01	2,81E+01
Energy (net calorific value) [MJ]	8,27E+01	9,25E+01	3,70E+01	0,000	-7,51E+01	2,82E+01
Energy ren. (net calorafic value) [MJ]	2,48E+01	7,43E+00	2,01E+01	0,000	-2,89E+00	1,64E-01
Water consumption [kg]	2,46E+01	1,51E+01	1,93E+01	0,000	-1,00E+01	2,25E-01
Air pollution [m^3]	4,59E+02	1,26E+03	1,29E+02	0,000	-1,05E+03	1,18E+02
Water pollution [m^3]	9,09E-01	5,53E-01	5,58E-01	0,000	-3,62E-01	1,60E-01
Hazardous waste for disposal [kg]	3,73E-08	3,32E-08	3,19E-09	0,000	8,14E-10	9,91E-11
Disposed of non-hazardous waste [kg]	6,14E-02	1,35E-01	2,75E-02	0,000	-1,04E-01	2,86E-03
Disposed of radioactive waste [kg]	6,29E-03	5,42E-04	5,79E-03	0,000	-9,01E-05	4,51E-05

evaluated from CML 2001, August 2016

1.3.151 S-WCP-S-10x360/100 Z

IT- Number	Product name	Pcs. per Sales pack	Weight [kg]	Material
2363663	S-WCP-S-10x360/100 Z	50	5,689	Steel, Cardboard

Environmental impact category	Total	Raw material	Produc-tion	Use	End of life	Transpor-tation
Global Warming Potential (GWP 100 years) [kg CO2-eq.]	6,292	11,247	2,123	0,000	-9,284	2,206
Ozone Depletion Potential (ODP, catalytic) [kg R11-eq.]	4,23E-11	1,01E-11	3,63E-11	0,000	-4,39E-12	2,47E-13
Acidification Potential (AP) [kg SO2-eq.]	2,03E-02	2,58E-02	4,40E-03	0,000	-2,13E-02	1,13E-02
Eutrification Potential (EP) [kg $(PO4)^{3-}$ eq.]	2,78E-03	2,48E-03	4,92E-04	0,000	-2,00E-03	1,80E-03
Photochemical Oxidant Potential (POCP) [kg Ethene-eq.]	-1,74E-04	3,92E-03	3,10E-04	0,000	-3,27E-03	-1,14E-03
Abiotic Depletion Potential non-Fossil Resources (ADPE) [kg Sb-eq.]	8,88E-07	1,43E-07	6,65E-07	0,000	-3,31E-08	1,12E-07
Abiotic Depletion Potential Fossil Fuels (ADPF) [MJ]	7,05E+01	9,62E+01	2,37E+01	0,000	-7,90E+01	2,96E+01
Energy (net calorific value) [MJ]	8,73E+01	9,76E+01	3,91E+01	0,000	-7,92E+01	2,98E+01
Energy ren. (net calorafic value) [MJ]	2,61E+01	7,70E+00	2,12E+01	0,000	-3,05E+00	1,73E-01
Water consumption [kg]	2,59E+01	1,59E+01	2,04E+01	0,000	-1,06E+01	2,38E-01
Air pollution [m^3]	4,84E+02	1,34E+03	1,36E+02	0,000	-1,11E+03	1,24E+02
Water pollution [m^3]	9,55E-01	5,79E-01	5,89E-01	0,000	-3,82E-01	1,69E-01
Hazardous waste for disposal [kg]	3,75E-08	3,32E-08	3,37E-09	0,000	8,66E-10	1,05E-10
Disposed of non-hazardous waste [kg]	6,44E-02	1,43E-01	2,90E-02	0,000	-1,10E-01	3,02E-03
Disposed of radioactive waste [kg]	6,64E-03	5,70E-04	6,12E-03	0,000	-9,18E-05	4,76E-05

evaluated from CML 2001, August 2016

1.3.152 S-WCP-S-10x380/100 Z

IT- Number	Product name	Pcs. per Sales pack	Weight [kg]	Material
2363664	S-WCP-S-10x380/100 Z	50	5,986	Steel, Cardboard

Environmental impact category	Total	Raw material	Produc-tion	Use	End of life	Transpor-tation
Global Warming Potential (GWP 100 years) [kg CO2-eq.]	6,623	11,850	2,236	0,000	-9,784	2,321
Ozone Depletion Potential (ODP, catalytic) [kg R11-eq.]	4,44E-11	1,05E-11	3,83E-11	0,000	-4,60E-12	2,60E-13
Acidification Potential (AP) [kg SO2-eq.]	2,13E-02	2,72E-02	4,63E-03	0,000	-2,24E-02	1,19E-02
Eutrification Potential (EP) [kg $(PO4)^{3-}$ eq.]	2,93E-03	2,61E-03	5,18E-04	0,000	-2,10E-03	1,90E-03
Photochemical Oxidant Potential (POCP) [kg Ethene-eq.]	-1,83E-04	4,13E-03	3,27E-04	0,000	-3,44E-03	-1,19E-03
Abiotic Depletion Potential non-Fossil Resources (ADPE) [kg Sb-eq.]	9,32E-07	1,47E-07	7,01E-07	0,000	-3,45E-08	1,18E-07
Abiotic Depletion Potential Fossil Fuels (ADPF) [MJ]	7,42E+01	1,01E+02	2,50E+01	0,000	-8,32E+01	3,12E+01
Energy (net calorific value) [MJ]	9,18E+01	1,03E+02	4,12E+01	0,000	-8,34E+01	3,13E+01
Energy ren. (net calorafic value) [MJ]	2,73E+01	7,97E+00	2,24E+01	0,000	-3,20E+00	1,82E-01
Water consumption [kg]	2,72E+01	1,66E+01	2,15E+01	0,000	-1,12E+01	2,50E-01
Air pollution [m^3]	5,10E+02	1,41E+03	1,43E+02	0,000	-1,17E+03	1,31E+02
Water pollution [m^3]	1,00E+00	6,06E-01	6,21E-01	0,000	-4,02E-01	1,77E-01
Hazardous waste for disposal [kg]	3,77E-08	3,31E-08	3,55E-09	0,000	9,18E-10	1,10E-10
Disposed of non-hazardous waste [kg]	6,73E-02	1,50E-01	3,05E-02	0,000	-1,16E-01	3,17E-03
Disposed of radioactive waste [kg]	7,00E-03	5,98E-04	6,44E-03	0,000	-9,35E-05	5,01E-05

evaluated from CML 2001, August 2016

1.3.153 S-WCP-S-10x400/100 Z

IT- Number	Product name	Pcs. per Sales pack	Weight [kg]	Material
2363665	S-WCP-S-10x400/100 Z	50	6,283	Steel, Cardboard

Environmental impact category	Total	Raw material	Produc-tion	Use	End of life	Transpor-tation
Global Warming Potential (GWP 100 years) [kg CO2-eq.]	6,955	12,453	2,349	0,000	-10,284	2,436
Ozone Depletion Potential (ODP, catalytic) [kg R11-eq.]	4,66E-11	1,09E-11	4,02E-11	0,000	-4,82E-12	2,73E-13
Acidification Potential (AP) [kg SO2-eq.]	2,24E-02	2,86E-02	4,87E-03	0,000	-2,35E-02	1,25E-02
Eutrification Potential (EP) [kg $(PO4)^{3-}$ eq.]	3,07E-03	2,74E-03	5,45E-04	0,000	-2,21E-03	1,99E-03
Photochemical Oxidant Potential (POCP) [kg Ethene-eq.]	-1,91E-04	4,33E-03	3,43E-04	0,000	-3,61E-03	-1,25E-03
Abiotic Depletion Potential non-Fossil Resources (ADPE) [kg Sb-eq.]	9,76E-07	1,52E-07	7,36E-07	0,000	-3,60E-08	1,24E-07
Abiotic Depletion Potential Fossil Fuels (ADPF) [MJ]	7,79E+01	1,06E+02	2,63E+01	0,000	-8,74E+01	3,27E+01
Energy (net calorific value) [MJ]	9,64E+01	1,08E+02	4,33E+01	0,000	-8,76E+01	3,29E+01
Energy ren. (net calorafic value) [MJ]	2,86E+01	8,24E+00	2,35E+01	0,000	-3,35E+00	1,91E-01
Water consumption [kg]	2,85E+01	1,74E+01	2,26E+01	0,000	-1,18E+01	2,62E-01
Air pollution [m^3]	5,35E+02	1,48E+03	1,51E+02	0,000	-1,23E+03	1,37E+02
Water pollution [m^3]	1,05E+00	6,32E-01	6,52E-01	0,000	-4,22E-01	1,86E-01
Hazardous waste for disposal [kg]	3,79E-08	3,31E-08	3,73E-09	0,000	9,71E-10	1,16E-10
Disposed of non-hazardous waste [kg]	7,03E-02	1,57E-01	3,21E-02	0,000	-1,23E-01	3,33E-03
Disposed of radioactive waste [kg]	7,35E-03	6,27E-04	6,77E-03	0,000	-9,52E-05	5,26E-05

evaluated from CML 2001, August 2016

1.3.154 S-WDF-S-12x60/48 Z

IT- Number	Product name	Pcs. per Sales pack	Weight [kg]	Material
2363666	S-WDF-S-12x60/48 Z	30	1,045	Steel, Cardboard

Environmental impact category	Total	Raw material	Produc-tion	Use	End of life	Transpor-tation
Global Warming Potential (GWP 100 years) [kg CO2-eq.]	1,148	2,020	0,384	0,000	-1,662	0,405
Ozone Depletion Potential (ODP, catalytic) [kg R11-eq.]	7,95E-12	2,18E-12	6,57E-12	0,000	-8,47E-13	4,54E-14
Acidification Potential (AP) [kg SO2-eq.]	3,73E-03	4,70E-03	7,95E-04	0,000	-3,85E-03	2,08E-03
Eutrification Potential (EP) [kg $(PO4)^{3-}$ eq.]	5,19E-04	4,60E-04	8,89E-05	0,000	-3,61E-04	3,31E-04
Photochemical Oxidant Potential (POCP) [kg Ethene-eq.]	-3,30E-05	7,10E-04	5,60E-05	0,000	-5,91E-04	-2,08E-04
Abiotic Depletion Potential non-Fossil Resources (ADPE) [kg Sb-eq.]	1,69E-07	3,45E-08	1,20E-07	0,000	-6,81E-09	2,06E-08
Abiotic Depletion Potential Fossil Fuels (ADPF) [MJ]	1,29E+01	1,76E+01	4,29E+00	0,000	-1,44E+01	5,45E+00
Energy (net calorific value) [MJ]	1,59E+01	1,78E+01	7,07E+00	0,000	-1,44E+01	5,47E+00
Energy ren. (net calorafic value) [MJ]	5,08E+00	1,79E+00	3,84E+00	0,000	-5,82E-01	3,18E-02
Water consumption [kg]	4,92E+00	3,07E+00	3,69E+00	0,000	-1,88E+00	4,36E-02
Air pollution [m^3]	8,84E+01	2,42E+02	2,46E+01	0,000	-2,01E+02	2,28E+01
Water pollution [m^3]	1,85E-01	1,18E-01	1,07E-01	0,000	-6,99E-02	3,10E-02
Hazardous waste for disposal [kg]	1,20E-08	1,12E-08	6,09E-10	0,000	1,39E-10	1,92E-11
Disposed of non-hazardous waste [kg]	1,29E-02	2,64E-02	5,24E-03	0,000	-1,93E-02	5,54E-04
Disposed of radioactive waste [kg]	1,20E-03	1,09E-04	1,11E-03	0,000	-2,58E-05	8,74E-06

evaluated from CML 2001, August 2016

1.3.155 S-WDF-S-12x80/68 Z

IT- Number	Product name	Pcs. per Sales pack	Weight [kg]	Material
2363667	S-WDF-S-12x80/68 Z	30	1,207	Steel, Cardboard

Environmental impact category	Total	Raw material	Produc-tion	Use	End of life	Transpor-tation
Global Warming Potential (GWP 100 years) [kg CO2-eq.]	1,328	2,349	0,445	0,000	-1,934	0,468
Ozone Depletion Potential (ODP, catalytic) [kg R11-eq.]	9,12E-12	2,41E-12	7,62E-12	0,000	-9,64E-13	5,24E-14
Acidification Potential (AP) [kg SO2-eq.]	4,31E-03	5,45E-03	9,23E-04	0,000	-4,47E-03	2,40E-03
Eutrification Potential (EP) [kg $(PO4)^{3-}$ eq.]	5,97E-04	5,30E-04	1,03E-04	0,000	-4,19E-04	3,83E-04
Photochemical Oxidant Potential (POCP) [kg Ethene-eq.]	-3,77E-05	8,24E-04	6,50E-05	0,000	-6,86E-04	-2,41E-04
Abiotic Depletion Potential non-Fossil Resources (ADPE) [kg Sb-eq.]	1,93E-07	3,70E-08	1,40E-07	0,000	-7,61E-09	2,38E-08
Abiotic Depletion Potential Fossil Fuels (ADPF) [MJ]	1,49E+01	2,03E+01	4,98E+00	0,000	-1,67E+01	6,29E+00
Energy (net calorific value) [MJ]	1,84E+01	2,06E+01	8,21E+00	0,000	-1,67E+01	6,32E+00
Energy ren. (net calorafic value) [MJ]	5,77E+00	1,94E+00	4,45E+00	0,000	-6,65E-01	3,68E-02
Water consumption [kg]	5,63E+00	3,49E+00	4,28E+00	0,000	-2,20E+00	5,04E-02
Air pollution [m^3]	1,02E+02	2,81E+02	2,86E+01	0,000	-2,33E+02	2,64E+01
Water pollution [m^3]	2,11E-01	1,32E-01	1,24E-01	0,000	-8,09E-02	3,58E-02
Hazardous waste for disposal [kg]	1,21E-08	1,12E-08	7,07E-10	0,000	1,67E-10	2,22E-11
Disposed of non-hazardous waste [kg]	1,45E-02	3,04E-02	6,08E-03	0,000	-2,26E-02	6,40E-04
Disposed of radioactive waste [kg]	1,39E-03	1,25E-04	1,28E-03	0,000	-2,67E-05	1,01E-05

evaluated from CML 2001, August 2016

1.3.156 S-WDF-S-12x100/85 Z

IT- Number	Product name	Pcs. per Sales pack	Weight [kg]	Material
2363668	S-WDF-S-12x100/85 Z	30	1,717	Steel, Cardboard

Environmental impact category	Total	Raw material	Produc-tion	Use	End of life	Transpor-tation
Global Warming Potential (GWP 100 years) [kg CO2-eq.]	1,897	3,385	0,640	0,000	-2,793	0,666
Ozone Depletion Potential (ODP, catalytic) [kg R11-eq.]	1,28E-11	3,11E-12	1,09E-11	0,000	-1,33E-12	7,46E-14
Acidification Potential (AP) [kg SO2-eq.]	6,12E-03	7,79E-03	1,33E-03	0,000	-6,41E-03	3,42E-03
Eutrification Potential (EP) [kg $(PO4)^{3-}$ eq.]	8,42E-04	7,51E-04	1,48E-04	0,000	-6,02E-04	5,44E-04
Photochemical Oxidant Potential (POCP) [kg Ethene-eq.]	-5,27E-05	1,18E-03	9,34E-05	0,000	-9,84E-04	-3,43E-04
Abiotic Depletion Potential non-Fossil Resources (ADPE) [kg Sb-eq.]	2,69E-07	4,48E-08	2,00E-07	0,000	-1,01E-08	3,39E-08
Abiotic Depletion Potential Fossil Fuels (ADPF) [MJ]	2,13E+01	2,90E+01	7,15E+00	0,000	-2,38E+01	8,95E+00
Energy (net calorific value) [MJ]	2,63E+01	2,94E+01	1,18E+01	0,000	-2,39E+01	8,98E+00
Energy ren. (net calorafic value) [MJ]	7,93E+00	2,40E+00	6,40E+00	0,000	-9,24E-01	5,23E-02
Water consumption [kg]	7,85E+00	4,82E+00	6,15E+00	0,000	-3,19E+00	7,17E-02
Air pollution [m^3]	1,46E+02	4,02E+02	4,10E+01	0,000	-3,35E+02	3,75E+01
Water pollution [m^3]	2,90E-01	1,77E-01	1,78E-01	0,000	-1,15E-01	5,09E-02
Hazardous waste for disposal [kg]	1,24E-08	1,11E-08	1,02E-09	0,000	2,57E-10	3,16E-11
Disposed of non-hazardous waste [kg]	1,97E-02	4,31E-02	8,73E-03	0,000	-3,31E-02	9,10E-04
Disposed of radioactive waste [kg]	2,00E-03	1,73E-04	1,84E-03	0,000	-2,96E-05	1,44E-05

evaluated from CML 2001, August 2016

1.3.157 S-WDF-S-12x120/105 Z

IT- Number	Product name	Pcs. per Sales pack	Weight [kg]	Material
2363669	S-WDF-S-12x120/105 Z	30	1,867	Steel, Cardboard

Environmental impact category	Total	Raw material	Produc-tion	Use	End of life	Transpor-tation
Global Warming Potential (GWP 100 years) [kg CO2-eq.]	2,065	3,689	0,697	0,000	-3,045	0,724
Ozone Depletion Potential (ODP, catalytic) [kg R11-eq.]	1,39E-11	3,32E-12	1,19E-11	0,000	-1,44E-12	8,11E-14
Acidification Potential (AP) [kg SO2-eq.]	6,66E-03	8,48E-03	1,44E-03	0,000	-6,98E-03	3,72E-03
Eutrification Potential (EP) [kg $(PO4)^{3-}$ eq.]	9,14E-04	8,16E-04	1,61E-04	0,000	-6,55E-04	5,92E-04
Photochemical Oxidant Potential (POCP) [kg Ethene-eq.]	-5,71E-05	1,29E-03	1,02E-04	0,000	-1,07E-03	-3,72E-04
Abiotic Depletion Potential non-Fossil Resources (ADPE) [kg Sb-eq.]	2,91E-07	4,72E-08	2,18E-07	0,000	-1,09E-08	3,69E-08
Abiotic Depletion Potential Fossil Fuels (ADPF) [MJ]	2,31E+01	3,16E+01	7,78E+00	0,000	-2,59E+01	9,73E+00
Energy (net calorific value) [MJ]	2,86E+01	3,20E+01	1,28E+01	0,000	-2,60E+01	9,77E+00
Energy ren. (net calorafic value) [MJ]	8,56E+00	2,54E+00	6,97E+00	0,000	-1,00E+00	5,69E-02
Water consumption [kg]	8,50E+00	5,21E+00	6,70E+00	0,000	-3,48E+00	7,79E-02
Air pollution [m^3]	1,59E+02	4,38E+02	4,47E+01	0,000	-3,65E+02	4,08E+01
Water pollution [m^3]	3,14E-01	1,90E-01	1,93E-01	0,000	-1,25E-01	5,54E-02
Hazardous waste for disposal [kg]	1,25E-08	1,11E-08	1,11E-09	0,000	2,83E-10	3,43E-11
Disposed of non-hazardous waste [kg]	2,12E-02	4,68E-02	9,51E-03	0,000	-3,62E-02	9,90E-04
Disposed of radioactive waste [kg]	2,18E-03	1,87E-04	2,01E-03	0,000	-3,04E-05	1,56E-05

evaluated from CML 2001, August 2016

1.3.158 S-WDF-S-12x160/145 Z

IT- Number	Product name	Pcs. per Sales pack	Weight [kg]	Material
2363670	S-WDF-S-12x160/145 Z	30	2,135	Steel, Cardboard

Environmental impact category	Total	Raw material	Produc-tion	Use	End of life	Transpor-tation
Global Warming Potential (GWP 100 years) [kg CO2-eq.]	2,359	4,206	0,795	0,000	-3,470	0,828
Ozone Depletion Potential (ODP, catalytic) [kg R11-eq.]	1,59E-11	3,89E-12	1,36E-11	0,000	-1,66E-12	9,27E-14
Acidification Potential (AP) [kg SO2-eq.]	7,61E-03	9,68E-03	1,65E-03	0,000	-7,97E-03	4,25E-03
Eutrification Potential (EP) [kg $(PO4)^{3-}$ eq.]	1,05E-03	9,34E-04	1,84E-04	0,000	-7,48E-04	6,77E-04
Photochemical Oxidant Potential (POCP) [kg Ethene-eq.]	-6,56E-05	1,47E-03	1,16E-04	0,000	-1,22E-03	-4,26E-04
Abiotic Depletion Potential non-Fossil Resources (ADPE) [kg Sb-eq.]	3,35E-07	5,63E-08	2,49E-07	0,000	-1,27E-08	4,22E-08
Abiotic Depletion Potential Fossil Fuels (ADPF) [MJ]	2,65E+01	3,61E+01	8,88E+00	0,000	-2,96E+01	1,11E+01
Energy (net calorific value) [MJ]	3,27E+01	3,66E+01	1,46E+01	0,000	-2,97E+01	1,12E+01
Energy ren. (net calorafic value) [MJ]	9,88E+00	3,01E+00	7,95E+00	0,000	-1,15E+00	6,51E-02
Water consumption [kg]	9,77E+00	6,00E+00	7,64E+00	0,000	-3,96E+00	8,91E-02
Air pollution [m^3]	1,82E+02	5,00E+02	5,10E+01	0,000	-4,16E+02	4,67E+01
Water pollution [m^3]	3,62E-01	2,21E-01	2,21E-01	0,000	-1,43E-01	6,33E-02
Hazardous waste for disposal [kg]	1,57E-08	1,41E-08	1,26E-09	0,000	3,18E-10	3,92E-11
Disposed of non-hazardous waste [kg]	2,45E-02	5,36E-02	1,09E-02	0,000	-4,11E-02	1,13E-03
Disposed of radioactive waste [kg]	2,49E-03	2,16E-04	2,29E-03	0,000	-3,73E-05	1,79E-05

evaluated from CML 2001, August 2016

1.3.159 S-W Lifting system

IT- Number	Product name	Pcs. per Sales pack	Weight [kg]	Material
2372680	S-W Lifting system	2	1,727	Steel, Cardboard

Environmental impact category	Total	Raw material	Produc-tion	Use	End of life	Transpor-tation
Global Warming Potential (GWP 100 years) [kg CO2-eq.]	1,903	3,378	0,640	0,000	-2,783	0,670
Ozone Depletion Potential (ODP, catalytic) [kg R11-eq.]	1,30E-11	3,32E-12	1,09E-11	0,000	-1,36E-12	7,50E-14
Acidification Potential (AP) [kg SO2-eq.]	6,16E-03	7,81E-03	1,33E-03	0,000	-6,41E-03	3,44E-03
Eutrification Potential (EP) [kg $(PO4)^{3-}$ eq.]	8,51E-04	7,57E-04	1,48E-04	0,000	-6,02E-04	5,47E-04
Photochemical Oxidant Potential (POCP) [kg Ethene-eq.]	-5,36E-05	1,18E-03	9,34E-05	0,000	-9,84E-04	-3,45E-04
Abiotic Depletion Potential non-Fossil Resources (ADPE) [kg Sb-eq.]	2,74E-07	5,00E-08	2,00E-07	0,000	-1,06E-08	3,41E-08
Abiotic Depletion Potential Fossil Fuels (ADPF) [MJ]	2,14E+01	2,91E+01	7,15E+00	0,000	-2,39E+01	9,00E+00
Energy (net calorific value) [MJ]	2,64E+01	2,96E+01	1,18E+01	0,000	-2,40E+01	9,04E+00
Energy ren. (net calorafic value) [MJ]	8,15E+00	2,64E+00	6,40E+00	0,000	-9,43E-01	5,26E-02
Water consumption [kg]	7,99E+00	4,94E+00	6,15E+00	0,000	-3,17E+00	7,21E-02
Air pollution [m^3]	1,47E+02	4,03E+02	4,10E+01	0,000	-3,35E+02	3,77E+01
Water pollution [m^3]	2,98E-01	1,85E-01	1,78E-01	0,000	-1,16E-01	5,12E-02
Hazardous waste for disposal [kg]	1,54E-08	1,42E-08	1,02E-09	0,000	2,46E-10	3,17E-11
Disposed of non-hazardous waste [kg]	2,04E-02	4,35E-02	8,73E-03	0,000	-3,27E-02	9,16E-04
Disposed of radioactive waste [kg]	2,00E-03	1,77E-04	1,84E-03	0,000	-3,50E-05	1,44E-05

evaluated from CML 2001, August 2016