

Technical University of Munich

School of Life Sciences Weihenstephan Chair of Wood Research

Life Cycle Assessment of a Reusable Takeaway Container

Submitted in fulfillment of the requirements for the course:

"Creation of a Life Cycle Assessment Study Using LCA Software"

Student-ID:	

Examiner: Date Submitted: August 31, 2021

1. Introduction

The consumption of takeaway food has increased rapidly over the past years. Especially since the COVID-19 pandemic, it has been more popular than ever (Mahy, 2021). While takeaway food is a convenient option for many, there are some environmental concerns associated with it. Normal plastic takeaway containers are made only for a single use, adding 59% to the annual plastic trash in Germany (NABU, 2020). An attempt to fight plastic pollution is being made by the European Union and its 2019 directive on the "reduction of the impact of certain plastic products on the environment", which states that single-use plastic will be no longer allowed for sale unless there is no adequate, reusable alternative (Directive (EU) 2019/904). As a response to this directive and the underlying issue, an increasing number of start-ups has been founded over the last years, offering a simple solution: reusable takeaway containers (RTC) to borrow and return to the restaurant, in exchange for a small deposit. "Relevo", "Vytal" and "Rebowl", just to name a few, are some of the above-mentioned start-ups in Germany. While there is scientific literature about the concerns of single-use plastic containers, only few assess the full Life Cycle (LCA) of these (Gallego-Schmid et al., 2019). At the same time, while Life Cycles of reusable containers do exist, most of them focus on containers made from PP, PET or PT, often originating from countries like the US or China (e.g. Woods and Bakshi, 2014; Potting and van der Harst, 2015; Vercalsteren et al., 2010). The fact that many RTCs are made from these three materials makes those studies very meaningful. Nevertheless, a number of start-ups focuses on the use of alternative materials that are produced locally, which makes the conduction of a LCA about them necessary, too.

2. Goal of the Study

In a first step, this study aims at assessing the life cycle of RTCs made from styrene-acrylonitrile (SAN) with a Thermoplastic Elastomere (TPE) lid, which are manufactured and sold in Germany (*Fig. 1*). Since not only the demand for takeaway food, but also for a more sustainable future are on the rise, and since an increasing number of these kinds of relatively new start-ups are being established, it is important to be able to quantify the environmental impacts and benefits they offer.

Secondly, the environmental impact of RTCs made from SAN will be compared to the environmental impact of single-use containers (Aluminium takeaway container and Extruded polystyrene takeaway container) as well as a Polypropylene (PP) reusable food saver (Tupperware) from the EU. This step is designed to quantify the benefit of the use of RTCs

compared to single-use containers. Furthermore, it is supposed to demonstrate whether SAN holds any benefit compared to PP.



Fig. 1: The container with lid to be analyzed.

The intended study specifically refers to containers made from SAN paired with a TPE lid, which are manufactured, sold and used in Germany. The respective materials stem from the Netherlands and Germany. This study can be transferred to similar materials stemming from the EU and being distributed and used locally. However, it cannot be transferred to strongly differing materials with a different manufacturing processes, or transportation distances which are much longer.

The necessary data has been collected through collaboration with the manufacturer of the containers "Ornamin" as well as the start-up "Relevo", which distributes the containers to partnering restaurants. This study is designed to address four groups: 1. Consumers who are on the lookout for a more sustainable alternative to takeaway food, 2. Restaurants that are hesitant about whether to collaborate with these kinds of start-ups and are also looking for a more sustainable option, 3. Arising start-ups which are unsure about which kind of material for the containers to choose (e.g. SAN vs. PP), and 4. Producers who want to know which part(s) of the production process are the most (least) impactful and yet to be improved.

3. Scope Definition

The product system to be studied is the production, distribution, packaging, usage and end of life of a 670ml bowl (SAN) with lid (TPE) from Ornamin. The Functional Unit (FU) is the production, use and disposal of a container storing a meal for one person (670ml).

The impact categories to be considered are abiotic depletion potential of elements (ADPe.), abiotic depletion potential of fossil resources (ADPf.), acidification potential (AP), eutrophication potential (EP), global warming potential (GWP), human toxicity potential (HTP), marine aquatic ecotoxicity poten- tial (MAETP), freshwater aquatic ecotoxicity potential (FAETP), ozone depletion potential (ODP), photochemical oxidants creation potential (POCP) and the terrestrial ecotoxicity potential (TETP). The container size, FU and impact categories are identical with the ones from the LCA to be compared, in order to assure a proper comparison (Gallego-Schmid et al, 2019). The LCI data is mainly primary data from the providers to reach a high representativeness. Some background data from the LCA software has been used, too. For a high representativeness of the background data, comparisons with other literature have been made.

The LCA software used is OpenLCA 1.10.3 with the Ecoinvent 3.5 database. The LCA is done in accordance with the official guidelines on LCAs ISO14040 and ISO14044. The default "Allocation at the Point of Substitution" setting has been chosen, meaning that it follows the attributional approach (source: Ecoinvent). The LCIA model "CML-IA baseline" has been chosen in accordance with the comparing study. The system boundaries of the study are shown in Fig. 2. The following items are included:

- Raw Materials:
 - Styrene-Acrylonitrile Copolymer (SAN, for the container)
 - Acrylonitrile-Butadiene-Styrene Copolymer (ABSC; similar to TPE, for the lid)
 - Cardboard and paper for packaging
- Production:
 - Injection molding (container and lid)
- Transport:
 - Raw materials to production site (materials for container and lid separately)
 - Containers with lid to start-up location (distributor)
 - Distribution to restaurants
 - o Used containers back to production site for recycling
- Use:
 - Washing with industrial dishwasher
- End of Life:
 - On-site recycling of the containers
 - Disposal of packaging materials

For the lid, ABSC was used instead of TPE, since the Ecoinvent database did not contain the raw material TPE. Therefore, literature using the same database was successfully searched for possible materials representing TPE (Johansson, 2018). Furthermore, the database did not contain the recycling process of SAN and TPE, wherefore a similar material (Polyethylene Terephthalate) was taken into account. The transport of the individual consumer to and from the restaurant to pick up and return the RTC is not considered. This corresponds with the study

of comparison (Gallego-Schmid et al, 2019). Lastly, no data for the use of industrial dishwashers was given, for which reason the same inputs and amounts as in the comparative study were taken into account. These are: electricity, water, soap, salt and rinsing agent (Gallego-Schmid et al., 2019). The foreground system consists solely of data from the manufacturer, since it was the main source of data (Fig. 2). While the process "Packaging" appears in the system boundary, it is not taken into consideration in the life cycle inventory data sheet (Tab. 1), since it is done by hand and therefore not further relevant for the assessment of environmental impacts.



Fig. 2: System Boundary for the container with lid.

4. Life Cycle Inventory Analysis

The following life cycle stages have been considered in this study: Raw Materials, Transport, Production, Use and End of life (see *Tab. 1*).

The raw materials are SAN (called "styrene-acrylonitrile copolymer" in the Ecoinvent database) for the container and TPE (called "acrylonitrile-butadiene-styrene copolymer" in Ecoinvent) for the lid. They both refer to Europe, and the quantities for each are given by the producer. The SAN is supplied from Hoek, The Netherlands, and the TPE is supplied from Wesel, Germany. The packaging materials paper and cardboard are available in the Ecoinvent database as "paper, woodfree, uncoated" and "corrugated board box". For both, the market for Europe has been selected, as it also includes the average transport from the paper/board box factory to the using end (in this case, the RTC production site). The amounts are again provided by the producer.

There are four types of transport included in this study:

1. The transport of the raw materials to the production site, which consists of 368 km for the SAN and 213km for the TPE, both with a 40t truck.

2. Transport of the finished product from production site (Minden, Germany) to the start-up (Munich, Germany), resulting in a distance of 638 km with a 40t truck.

3. Transport of the RTC from the start-up location to partnering restaurants. Primary data was obtained and a mean distance of 346.3 km calculated. The chosen vehicle is a 12t truck, which is an estimated value based on official information from DHL.

4. Transporting the used RTC back to the initial production site (Minden), where the materials are 100% recycled in-house. All necessary information about the distances and almost all information about the trucks were provided by the producer and start-up, which is why it has quite a high certainty. The EURO6 emission standards are considered here.

Life Cycle Stage	Material Name	Value&Unit	Source
Raw Materials	SAN	121.5g	internal
	TPE	49.59g	-
Raw Materials	Paper	56.25g	internal
(packaging)	Cardboard	12.1544g	
Transport	Raw Materials: Transport to production site with lorry, 40t	55.27467kg*km	internal
	Finished container with lid: Transport to start-up location with lorry, 40t	152.79743kg*km	_
	Finished container with lid: Distribution to partnering restaurants with lorry, 12t	82.93691kg*km	from start-up
	Used container with lid: Transport back to prduction site for recycling with lorry, 40t	152.79743kg*km	internal
Production	Container Injection molding: Electricity	0.37906MJ	Background data
	Lid Injection molding: Electricity	0.15471MJ	
Use (machine	Electricity	57.5J	Comparative study
dishwashing)	Soap	0.2g	2019)
	Salt	0.2g	
	Rinsing agent	0.03g	
	Tap water	0.2L	
End of Life	Recycling SAN	121.5g	internal
	Recycling TPE	49.59g	1
	Paper, recycling	56.25g	Background data
	Cardboard, recycling	12.1544g	

Tab. 1: Life cycle inventory data for all life cycle stages.

For the production, the method of injection molding is used for both the container and lid. Here, the given values from the producer and the process in the Ecoinvent database could not be matched well, which is why the default values for the injection molding of 121.5+49.59g of material are being used. This might lead to slightly different outcomes, for which reason this step is to be seen as an exemplary one in the first part of the study, and it will not be emphasized much in the second comparison part.

Since no representative primary data for the use of the RTCs was available, the same values as for the reusable containers of the comparative study have been taken on. These include electricity, soap, salt ("sodium chloride, powder"), rinsing agent ("sodium tripolyphosphate") and tap water. Again, since this is not primary data, it is prone to some uncertainty. For the end of life of the product, the RTCs are sent back to the producer, where they are fully recycled into industrial pipes in-house. The paper and cardboard are both recycled by the start-up. While this information comes from internal data, the Ecoinvent recycling processes are custom and apply to the whole world (GLO), which can also cause some uncertainty.

A detailed document containing all elementary flows can be found in the Appendix.

Finally, a sensitivity analysis has been conducted, to see how strong certain impacts change when the inputs are changed. The parameters tested are the sizes of the container and lid. Since the manufacturer offers the RTCs in multiple sizes, it is interesting to look at the differences in impact intensities. If the results change a lot, it could be an indicator that purely the materials itself are having a high impact. If the results do not change proportionately to the increase of materials, it could be an indicator that rather the processes around the materials (e.g. the production machines, energy, etc) are an issue.

5. Life Cycle Assessment and Comparison

The eleven impact categories considered are abiotic depletion potential of elements (ADPe.), abiotic depletion potential of fossil resources (ADPf.), acidification potential (AP), eutrophication potential (EP), global warming potential (GWP), human toxicity potential (HTP), marine aquatic ecotoxicity potential (MAETP), freshwater aquatic ecotoxicity potential (FAETP), ozone depletion potential (ODP), photochemical oxidants creation potential (POCP) and the terrestrial ecotoxicity potential (TETP).

As shown in the following figure (Fig. 3), SAN itself has the strongest impact on four out of the eleven impact categories: ADPf., AP, GWP and POCP. Its impact gets as high as more than twice the impact of most of the other processes. Compared to the ADPf. of the study by Gallego-Schmid et al. (2019), the SAN container has a much higher impact than any of the single-use or reusable PP container (10,274,000 J compared to just above 2,000 J for the PP and below 800 J for the single-use ones). The acidification potential (AP) is also much higher for the SAN container (1206 mg SO2 eq) compared to the others (all below 400 mg SO2 eq). Similar results appear for the GWP (517 g CO2 eq compared to values below 60 g CO2 eq) and POCP (108.6 mg C2H4 eq compared to values below 60 mg C2H4 eq).



The end of life of the container, as shown in Fig. 4, has a big impact on three out of the eleven categories: FAETP, HTP and MAETP. For the FAETP, the end-of-life treatment of the container is about four times higher than any of the other processes. The MAETP is even about five times higher than the remaining processes, showing how high the impacts are on both fresh and marine water. In contrast to the comparison study, these values are also higher. The value for the waste treatment of PP is about 120 g 1,4-DB eq, while in this case it is 401 g 1,4-DB eq.



Injection Molding has the highest impact in two and the second-highest impact in four of the impact categories. *Figure 5* shows the two highest impacts (ODP and EP). In addition to these, it holds the second-largest impacts on ADPe, AP, FAETP and HTP. Nevertheless, it still has a higher impact than the production processes in the comparison study (e.g. a AP value of 828.4 mg SO2 eq compared to values under 300).



Lastly, transport with a 12t truck and the soap for the dishwasher yield the highest impact on ADPe and TETP, respectively (Figure 6 and 7). Again, both values are higher than in the comparison study (Gallego-Schmid et al, 2019).



A detailed list of all contributing factors to the eleven impact categories (in %) as well as a detailed impact analysis list can be found in the Appendix (Apx. 2 and 3).

6. Interpretation

When looking at the outputs of the LCA, it becomes clear that certain processes have a higher environmental impact than others. Out of all raw materials for instance, SAN and TPE have a relatively high impact, while paper and cardboard have a quite small impact. At the same time, the transport with a 12t truck has some impact, while the 40t truck has very little impact. This could be an indicator for decision-makers to switch to 40t trucks for all processes. Furthermore, soap has a high impact on TETP, while the other segments of the dishwashing process have very little to no impact. Perhaps using a more environmentally friendly soap could decrease the TETP drastically. A list of the detailed impact contributions can be found in Apx. 2.

To get an even clearer understanding of which processes have a relatively high impact compared to others, groupings of the different Life Cycle Stages were analyzed in OpenLCA. The following table shows which stages are the most impactful:

Impact Category	Life Cycle Stage with the highest impact
ADPe.	Raw Materials
ADPf.	Raw Materials
AP	Raw Materials
EP	Raw Materials
GWP	Raw Materials
НТР	End of Life
MAETP	End of Life
FAETP	End of Life
ODP	Production
РОСР	Raw Materials
ТЕТР	Use

Tab. 2: Most impactful Life Cycle Stages for each impact category.

From this table it becomes clear that Raw Materials have the largest impact. Additionally, there are much higher impacts of raw materials and production, compared to the Gallego-Schmid et al. study. While this sounds discouraging at first, one needs to keep in mind that SAN is a much sturdier material than the ones of single-use containers. As for the much higher impacts of SAN compared to the reusable PP container, further research would need to be done.

To find out how much impact the raw materials themselves have, a sensitivity analysis has been done. In this analysis, the RTC (container+lid) is being compared to a RTC twice its size (measured in weight). The detailed results are available in Apx. 4. In the following figure, the impact changes for each impact category can be seen:



Fig. 8: Sensitivity analysis outcome

The results clearly show that for most categories, the impact does not change proportionately to the change in materials. The only categories in which it does change by 30-40% are FAETP, HTP and MAETP, which are all the categories in which the End of Life is the most impactful. This could be an indicator that for the End-of-Life processes, the pure amount of material is decisive over the impact, while other processes of the End of Life (such as energy, machinery, etc) do not play as big of a role. On the other side, for all other impact categories it means that the change in actual raw material is not very decisive over the impacts at all.

In chapter 5 one could see that the environmental impacts of SAN containers are about 3-4x higher than the ones of PP reusable containers. While these are very high values, one should not forget about the lifespan of these containers. The analyzed PP container can be reused about 43 times before having to be disposed of (Gallego-Schmid et al., 2018). At the same time, the PP container needs to be used between 1 and 208 times to outweigh the environmental advantage of single-use containers in each of the impact categories (Gallego-Schmid et al., 2019). The SAN container, however, can be reused about 1000 times since it is very durable during dish washing (G.E.T. Marketing, 2017). That means that the SAN container can be used about 23 times more often than the analyzed PP container, making it more sustainable despite its higher impacts. With this knowledge, it can easily be deduced that the consumption of SAN RTCs is, by far, more sustainable than the single-use containers compared to.

7. Conclusion and Recommendations

This LCA study was supposed to answer a few questions: Whether the analyzed RTC is more sustainable than single-use containers, and whether it is more sustainable than the reusable PP container. Furthermore, it was meant to show which of the processes regarding the RTC are the most impactful and could be improved. The first answer is: yes, the analyzed container is definitely more sustainable than the single-use alternatives, despite the higher impacts at first glance. But when considering the much longer lifespan of RTCs, it is becoming clear that they are indeed much more efficient. The second answer is positive as well: the RTC is more sustainable than the PP container from the comparison study. While the environmental impacts of the RTC are about three to four times higher, the lifespan of the RTC is about 23 times higher. Lastly, it has been shown which of the processes and Life Cycle Stages are the most and least impactful (see chapter 5 and 6).

As already mentioned in chapter 4, the lack of some primary data leads to uncertainty. For example, in Fig. 5, the impacts of Injection Molding are represented as very high, also in contrast to the comparison study. Yet, the impacts might have been smaller if the parameters for energy, that are identical with the real value, could have been chosen. It is unlikely that the results would differ to a high extent, but it is for sure something that creates some uncertainty. In general, the lack of data in some parts of the study creates an issue due to uncertainty of how the results would look like if better primary data was given. This is something worth analyzing in future studies. Moreover, it is important to note that this study compares SAN RTCs specifically with the PP Tupperware container described in the comparison study. This comparison is not representable for all PP containers, since they might differ in sturdiness or thickness, and can therefore have a longer lifespan (e.g. 1200 reuses for the virgin PP containers from GreenGrubbox. Data source: internal data through personal contact).

All in all, this study gives an overall insight into reusable containers made from SAN and TPE, as well as their environmental impacts and benefits. Further, more in-depth analyses through further studies could help create more accurate data and further close the research gap.

Bibliography

- Alejandro Gallego-Schmid, Joan Manuel F. Mendoza, Adisa Azapagic (2019). Environmental impacts of takeaway food containers. Journal of Cleaner Production, 211, 417-427.
- Allocation at the point of substitution. Ecoinvent. (n.d.). https://www.ecoinvent.org/database/systemmodels-in-ecoinvent-3/apos-system-model/allocation-at-the-point-of-substitution.html.
- Directive EU (2019/904) of the European Parliament and of the Council of 5 June 2019 on the reduction of the impact of certain plastic products on the environment.
- Gallego-Schmid, A., Mendoza, J.M.F., Azapagic, A. (2018). Improving the environmental sustainability of reusable food containers in Europe. Sci. Total Environ. 628, 979-989.
- ISO, 2006a. ISO14040:2006. Environmental Management Life Cycle Assessment Principles and Framework. ISO standards, Geneva (Switzerland).
- ISO, 2006b. ISO14044:2006. Environmental Management Life Cycle Assessment Requirements and Guidelines. ISO standards, Geneva (Switzerland).
- Johansson, K. (2018). Life cycle assessment of two end-of-life tyre applications: artificial turfs and asphalt rubber. Ragn Sells, 1-72.
- Kunststoffabfälle in Deutschland. NABU. (n.d.). https://www.nabu.de/umwelt-und-ressourcen/abfallund-recycling/22033.html.
- Mahy, E. (2021, August 30). Taste for takeaways Outlasts Covid lockdowns. BBC News. https://www.bbc.com/news/business-57489195.
- Marketing, G. E. T. (n.d.). PC vs SAN Plastic TUMBLERS: What's the difference? PC vs SAN Plastic Tumblers: What's the Difference? https://blog.get-melamine.com/polycarbonate-vs-styrene-acrylonitrile-plastic-tumblers.
- Potting, J., van der Harst, E. (2015). Facility arrangements and the environmental performance of disposable and reusable cups. Int J Life Cycle Assess 20, 1143–1154.
- Vercalsteren, A., Spirinckx, C. & Geerken, T. (2010). Life cycle assessment and eco-efficiency analysis of drinking cups used at public events. Int J Life Cycle Assess 15, 221–230.
- Woods, L., Bakshi, B.R. (2014). Reusable vs. disposable cups revisited: guidance in life cycle comparisons addressing scenario, model, and parameter uncertainties for the US consumer. Int J Life Cycle Assess 19, 931–940.

Appendix







- 0.227 kg CO2 eq: acrylonitrile-butadiene-styrene copolymer production | acrylonitrile-but...
- 0.054 kg CO2 eq: market for paper, woodfree, uncoated | paper, woodfree, uncoated | Cutof...
- 0.050 kg CO2 eq: treatment of waste polyethylene terephthalate, for recycling, unsorted, ...

- 0.072 kg CO2 eg: Other





- ----- 0.040 kg 1,4-DB eq: styrene-acrylonitrile copolymer production | styrene-acrylonitrile copol...
- 0.027 kg 1,4-DB eq: market for paper, woodfree, uncoated | paper, woodfree, uncoated | Cutof...



- = 2.046E3 kg 1.4-DB eg; treatment of waste polyethylene terephthalate, for recycling, unsorted, ...
- 2.947E2 kg 1,4-DB eq: styrene-acrylonitrile copolymer production | styrene-acrylonitrile copol...
- 2.519E2 kg 1,4-DB eq: injection moulding | injection moulding | Cutoff, S RER
- 1.668E2 kg 1,4-DB eq: acrylonitrile-butadiene-styrene copolymer production | acrylonitrile-but...



1.5E-8

1.0E-8

5.0E-9 0.0E0

0.0E0

- 2.530E-8 kg CFC-11 eq: injection moulding | injection moulding | Cutoff, S RER
 - 7.290E-9 kg CFC-11 eq: transport, freight, lorry 3.5-7.5 metric ton, EURO6 | transport, freight...
 - 7.097E-9 kg CFC-11 eq: market for paper, woodfree, uncoated | paper, woodfree, uncoated | Cutof...
 - 5.906E-9 kg CFC-11 eq: styrene-acrylonitrile copolymer production | styrene-acrylonitrile copol. 4.197E-9 kg CFC-11 eq: treatment of waste polyethylene terephthalate, for recycling, unsorted, ...

Impact category 1.0F-4 8.0E-5 6.0E-5 4.0E-5 2.0E-5

¥

- 1.086E-4 kg C2H4 eq: styrene-acrylonitrile copolymer production | styrene-acrylonitrile copol... 5.124E-5 kg C2H4 eq: acrylonitrile-butadiene-styrene copolymer production | acrylonitrile-but... 4.871E-5 kg C2H4 eq: injection moulding | injection moulding | Cutoff, S - RER 2.183E-5 kg C2H4 eq: market for paper, woodfree, uncoated | paper, woodfree, uncoated | Cutof...
 - 9.776E-6 kg C2H4 eq: treatment of waste polyethylene terephthalate, for recycling, unsorted, ...



- = 1.074E-3 kg 1,4-DB eq: soap production | soap | Cutoff, S RER

- 2.094E-4 kg 1,4-DB eq: treatment of waste polyethylene terephthalate, for recycling, unsorted, ...
- 9.700E-5 kg 1,4-DB eq: styrene-acrylonitrile copolymer production | styrene-acrylonitrile copol...

<u>Apx. 2 – Contribution of Processes</u>

Contribution	Process	Amount Unit
✓ 100.00%	P Production of container - RER	9.83791E-7 kg Sb eg
23.37%	transport, freight, lorry 3.5-7.5 metric ton, EURO6 transport, freight, lorry 3.5-7.5 metric ton, EURO6 Cutoff, S - RER	2.29869E-7 kg Sb eq
21.00%	injection moulding injection moulding Cutoff, S - RER	2.06635E-7 kg Sb eq
15.14%	treatment of waste polyethylene terephthalate, for recycling, unsorted, sorting waste polyethylene terephthalate, 1	1.48969E-7 kg Sb eq
14.16%	market for paper, woodfree, uncoated paper, woodfree, uncoated Cutoff, S - RER.	1.39310E-7 kg Sb eq
11.12%	styrene-acrylonitrile copolymer production styrene-acrylonitrile copolymer Cutoff, S - RER	1.09351E-7 kg Sb eq
08.75%	acrylonitrile-butadiene-styrene copolymer production acrylonitrile-butadiene-styrene copolymer Cutoff, S - RER	8.60471E-8 kg Sb eq
03.56%	transport, freight, lorry >32 metric ton, EURO6 transport, freight, lorry >32 metric ton, EURO6 Cutoff, S - RER	3.50272E-8 kg Sb eq
02.33%	market for corrugated board box corrugated board box Cutoff, S - RER	2.29418E-8 kg Sb eq
00.29%	sodium tripolyphosphate production sodium tripolyphosphate Cutoff, S - RER	2.84445E-9 kg Sb eq
00.17%	soap production soap Cutoff, S - RER	1.66413E-9 kg Sb eq
00.09%	sodium chloride production, powder sodium chloride, powder Cutoff, S - RER	9.21245E-10 kg Sb eq
00.02%	market for tap water tap water Cutoff, S - Europe without Switzerland	2.09139E-10 kg Sb eq
00.00%	market for electricity, high voltage electricity, high voltage Cutoff, S - DE	2.11779E-12 kg Sb eq
-00.00%	waste paperboard, sorted, Recycled Content cut-off waste paperboard, sorted Cutoff, S - GLO	-2.92187E-23 kg Sb eq
-00.00%	waste packaging paper, Recycled Content cut-off waste packaging paper Cutoff, S - GLO	-8.43541E-23 kg Sb eq

Contribution	Process	Amount Unit
✓ 100.00%	P Production of container - RER	19.48674 MJ
52.72%	styrene-acrylonitrile copolymer production styrene-acrylonitrile copolymer Cutoff, S - RER	10.27383 MJ
22.16%	acrylonitrile-butadiene-styrene copolymer production acrylonitrile-butadiene-styrene copolymer Cutoff, S - RER	4.31788 MJ
13.22%	injection moulding injection moulding Cutoff, S - RER	2.57653 MJ
03.41%	market for paper, woodfree, uncoated paper, woodfree, uncoated Cutoff, S - RER	0.66526 MJ
03.16%	transport, freight, lorry 3.5-7.5 metric ton, EURO6 transport, freight, lorry 3.5-7.5 metric ton, EURO6 Cutoff, S - RER	0.61651 MJ
03.05%	treatment of waste polyethylene terephthalate, for recycling, unsorted, sorting waste polyethylene terephthalate, !	0.59473 MJ
01.51%	transport, freight, lorry >32 metric ton, EURO6 transport, freight, lorry >32 metric ton, EURO6 Cutoff, S - RER	0.29407 MJ
00.73%	market for corrugated board box corrugated board box Cutoff, S - RER	0.14259 MJ
00.01%	soap production soap Cutoff, S - RER	0.00224 MJ
00.01%	sodium tripolyphosphate production sodium tripolyphosphate Cutoff, S - RER	0.00187 MJ
00.00%	market for tap water tap water Cutoff, S - Europe without Switzerland	0.00079 MJ
00.00%	sodium chloride production, powder sodium chloride, powder Cutoff, S - RER	0.00032 MJ
00.00%	market for electricity, high voltage electricity, high voltage Cutoff, S - DE	0.00010 MJ
-00.00%	waste paperboard, sorted, Recycled Content cut-off waste paperboard, sorted Cutoff, S - GLO	-7.83498E-17 MJ
-00.00%	waste packaging paper, Recycled Content cut-off waste packaging paper Cutoff, S - GLO	-6.14702E-16 MJ
Contribution	D	A
Contribution	Process	Amount Unit
✓ 100.00%	Production of container - RER	0.00336 kg SO2 eq
33.89%	styrene-acrylonitrile copolymer production styrene-acrylonitrile copolymer Cutoff, S - KEK	0.00121 kg SO2 eq
24.00%	Injection moulaing injection moulaing i Cutori, S - KEK	0.00063 kg SO2 eq
20.61%	actionitrie-outaciene-styrene copolymer production activityionitriie-butadiene-styrene copolymer Cutori, S - KeK	0.00069 kg SO2 eq
06.47%	market on paper, woodnee, uncoated i paper, woodnee, uncoated i Cutori, S - Nex	0.00028 kg SO2 eq
04.30%	 Leadment of waste polycupierie elementatic, for recycling, ansolited, solitary waste polycupierie elementatica; Itanicati and a solitary as a solitary of the solitary and the solitary as a solitary waste polycupierie elementatica; 	0.00010 kg 502 eq
01.41%	 anaport freight lowy 32* antic ton EUROB I transport freight lowy 32* anticit ton EUROB I (toff 5 - RER It transport freight lowy 32* matric ton EUROB I transport freight lowy 32* antic ton EUROB I (toff 5 - RER 	4 74125E-5 kg SO2 eq
01.26%	Independent of the second o	4.21897E-5 kg SO2 eq
00.05%	I soan roduction Loan (Cutoff S - RFR	1.84170E-6 kg SO2 eq
00.05%	sop in diactory boother production sodium tripolyphosphate Cutoff, S - RER	1.52105E-6 kg SO2 eq
00.01%	market for tap water I tap water I Cutoff, S - Europe without Switzerland	3.96102E-7 kg SO2 eg
00.01%	sodium chloride production, powder sodium chloride, powder Cutoff, S - RER	2.30871E-7 kg SO2 eg
00.00%	market for electricity, high voltage electricity, high voltage Cutoff, S - DE	4.56000E-8 kg SO2 eg
-00.00%	waste paperboard, sorted, Recycled Content cut-off waste paperboard, sorted Cutoff, S - GLO	-1.31162E-20 kg SO2 ea

duction of container - RER ction moulding Injection moulding Cutoff, S - RER ene-acrylonitrile copolymer production styrene-acrylonitrile copolymer Cutoff, S - RER ket for paper, woodfree, uncoated paper, woodfree, uncoated Cutoff, S - RER Ionitrile-butadiene-styrene copolymer production acrylonitrile-butadiene-styrene copolymer Cutoff, S -		0.00112 kg PO4 eq 0.00045 kg PO4 eq 0.00022 kg PO4 eq 0.00016 kg PO4 eq
ction moulding injection moulding Cutoff, S - RER nen-acrylonitrile copolymer production styrene-acrylonitrile copolymer Cutoff, S - RER ket for paper, woodfree, uncoated paper, woodfree, uncoated Cutoff, S - RER ionitrile-butadiene-styrene copolymer production acrylonitrile-butadiene-styrene copolymer Cutoff, S -		0.00045 kg PO4 eq 0.00022 kg PO4 eq 0.00016 kg PO4 eq
ene-acrylonitrile copolymer production styrene-acrylonitrile copolymer Cutoff, S - RER ket for paper, woodfree, uncoated paper, woodfree, uncoated Cutoff, S - RER Ionitrile-butadiene-styrene copolymer production acrylonitrile-butadiene-styrene copolymer Cutoff, S -		0.00022 kg PO4 eq 0.00016 kg PO4 eq
ket for paper, woodfree, uncoated paper, woodfree, uncoated Cutoff, S - RER Ionitrile-butadiene-styrene copolymer production acrylonitrile-butadiene-styrene copolymer Cutoff, S -		0.00016 kg PO4 eq
lonitrile-butadiene-styrene copolymer production acrylonitrile-butadiene-styrene copolymer Cutoff, S -	DED 1	
	NER	0.00011 kg PO4 eq
tment of waste polyethylene terephthalate, for recycling, unsorted, sorting waste polyethylene terephthal	ate, '	0.00010 kg PO4 eq
ket for corrugated board box corrugated board box Cutoff, S - RER	1	3.07330E-5 kg PO4 eq
sport, freight, lorry 3.5-7.5 metric ton, EURO6 transport, freight, lorry 3.5-7.5 metric ton, EURO6 Cutoff, S	- RER	2.59039E-5 kg PO4 eq
sport, freight, lorry > 32 metric ton, EURO6 transport, freight, lorry > 32 metric ton, EURO6 Cutoff, S - RER		1.04974E-5 kg PO4 eq
p production soap Cutoff, S - RER		1.82549E-6 kg PO4 eq
ium tripolyphosphate production sodium tripolyphosphate Cutoff, S - RER		6.70891E-7 kg PO4 eq
ket for tap water tap water Cutoff, S - Europe without Switzerland		2.11813E-7 kg PO4 eq
ium chloride production, powder sodium chloride, powder Cutoff, S - RER		1.52213E-7 kg PO4 eq
ket for electricity, high voltage electricity, high voltage Cutoff, S - DE		5.40841E-8 kg PO4 eq
te paperboard, sorted, Recycled Content cut-off waste paperboard, sorted Cutoff, S - GLO		-3.28398E-21 kg PO4 eq
te packaging paper, Recycled Content cut-off waste packaging paper Cutoff, S - GLO		-1.18782E-19 kg PO4 eq
	rket for corrugated board box [corrugated board box [Cutoff, S - RER nsport, freight, lorry 3.5-7.5 metric ton, EURO6] transport, freight, lorry 3.5-7.5 metric ton, EURO6 Cutoff, S sport, freight, lorry >3.2 metric ton, EURO6] transport, freight, lorry >3.2 metric ton, EURO6 Cutoff, S - RER isum tripolyphosphate production sodium tripolyphosphate Cutoff, S - RER rket for tap water Latoff, S - Europe without Switzerland lium chioride production, powder sodium chioride, powder Cutoff, S - RER rket for electricity, high voltage electricity, high voltage Cutoff, S - DE ste paperboard, sorted, Recycled Content cut-off waste paperboard, sorted Cutoff, S - GLO ste packaging paper, Recycled Content cut-off waste packaging paper Cutoff, S - GLO	rket for corrugated board box corrugated board box Cutoff, S - RER hsport, freight, lorry 3.5-7.5 metric ton, EURO6 transport, freight, lorry 3.5-7.5 metric ton, EURO6 Cutoff, S - RER hsport, freight, lorry - 3.2 metric ton, EURO6 transport, freight, lorry -3.2 metric ton, EURO6 Cutoff, S - RER production soap Cutoff, S - RER fium tripolyphosphate production sodiium tripolyphosphate Cutoff, S - RER rket for tap water Latoff, S - Europe without Switzerland lium chloride production, powder sodium chloride, powder Cutoff, S - RER rket for electricity, high voltage electricity, high voltage Cutoff, S - DE ste paperboard, sorted, Recycled Content cut-off waste paperboard, sorted Cutoff, S - GLO ste packaging paper, Recycled Content cut-off waste packaging paper Cutoff, S - GLO

Contribution	Process	Amount Unit
✓ 100.00%	P Production of container - RER	0.64792 kg 1,4-DB eq
61.83%	🛿 treatment of waste polyethylene terephthalate, for recycling, unsorted, sorting waste polyethylene terephthalate, =	0.40063 kg 1,4-DB eq
13.05%	injection moulding injection moulding Cutoff, S - RER	0.08454 kg 1,4-DB eq
10.66%	styrene-acrylonitrile copolymer production styrene-acrylonitrile copolymer Cutoff, S - RER	0.06909 kg 1,4-DB eq
05.76%	🖪 acrylonitrile-butadiene-styrene copolymer production acrylonitrile-butadiene-styrene copolymer Cutoff, S - RER 👘	0.03730 kg 1,4-DB eq
05.19%	🔯 market for paper, woodfree, uncoated paper, woodfree, uncoated Cutoff, S - RER	0.03362 kg 1,4-DB eq
01.97%	market for corrugated board box corrugated board box Cutoff, S - RER	0.01278 kg 1,4-DB eq
00.85%	🖪 transport, freight, lorry 3.5-7.5 metric ton, EURO6 transport, freight, lorry 3.5-7.5 metric ton, EURO6 Cutoff, S - RER	0.00550 kg 1,4-DB eq
00.39%	soap production soap Cutoff, S - RER	0.00251 kg 1,4-DB eq
00.26%	📴 transport, freight, lorry >32 metric ton, EURO6 transport, freight, lorry >32 metric ton, EURO6 Cutoff, S - RER	0.00167 kg 1,4-DB eq
00.03%	sodium tripolyphosphate production sodium tripolyphosphate Cutoff, S - RER	0.00019 kg 1,4-DB eq
00.01%	🖸 market for tap water tap water Cutoff, S - Europe without Switzerland	4.89348E-5 kg 1,4-DB eq
00.01%	😰 sodium chloride production, powder sodium chloride, powder Cutoff, S - RER	3.36614E-5 kg 1,4-DB eq
00.00%	market for electricity, high voltage electricity, high voltage Cutoff, S - DE	7.65886E-6 kg 1,4-DB eq
-00.00%	waste paperboard, sorted, Recycled Content cut-off waste paperboard, sorted Cutoff, S - GLO	-6.97415E-19 kg 1,4-DB eq
-00.00%	waste packaging paper, Recycled Content cut-off waste packaging paper Cutoff, S - GLO	-7.81101E-17 kg 1.4-DB eg

Contribution	Process	Amount Unit
✓ 100.00%	P Production of container - RFR	1.09159 kg CO2 eg
47.269/	Patrona and anitrile conclument and ution Latrona and anitrile conclument (subfit C DED	0.51602 km CO2 an
47.30%	syrele-actyonitine oppoyner production (styrele-actyonitine oppoyner) cuton, s - Kek	0.51095 kg CO2 eq
20.79%	🖬 acrylonitrile-butadiene-styrene copolymer production acrylonitrile-butadiene-styrene copolymer Cutoff, S - RER 👎	0.22697 kg CO2 eq
15.79%	injection moulding injection moulding Cutoff, S - RER	0.17238 kg CO2 eg
04.019/	Product for any projection monotonic process and for a monotonic Control Contr	0.05257 kg CO2 cq
04.91%	market for paper, woodfree, uncoated paper, woodfree, uncoated Cutoff, S - KEK	0.05357 kg CO2 eq
04.58%	l treatment of waste polyethylene terephthalate, for recycling, unsorted, sorting waste polyethylene terephthalate, '	0.05000 kg CO2 eq
03.85%	transport freight lorry 35-75 metric ton, EURO6 Ltransport freight lorry 35-75 metric ton, EURO6 L Cutoff, S - RER	0.04203 kg CO2 eg
04.6497		0.01700 1 000
01.04%	transport, freight, iorry >32 metric ton, EURU6 transport, freight, iorry >32 metric ton, EURU6 Cutoff, S - REK	0.01790 kg CO2 eq
01.04%	market for corrugated board box corrugated board box Cutoff, S - RER	0.01131 kg CO2 eq
00.02%	soan production I soan I Cutoff S - RER	0.00021 kg CO2 eg
00.0270		0.00027 kg co2 cq
00.02%	sodium tripolyphosphate production sodium tripolyphosphate Cutoff, S - RER	0.00017 kg CO2 eq
00.01%	Image: A start of the start	6.99498E-5 kg CO2 eg
00.00%	sodium chloride production, powder Logium chloride, powder L Cutoff, S - RER	3 26405E-5 kg CO2 eg
00.0078	- soulan chorde production, powder j soulan chiorde, powder j cuton, 3 - Kek	5.20403E-5 kg CO2 eq
00.00%	🔛 market for electricity, high voltage electricity, high voltage Cutoff, S - DE	1.02834E-5 kg CO2 eq
-00.00%	😰 waste paperboard, sorted, Recycled Content cut-off waste paperboard, sorted Cutoff, S - GLO	-5.34045E-18 kg CO2 eg
00.009/	Build and the second of Content and off Lunch and Incident and Content S. C. C. C.	4 477025 17 1- 602
-00.0076	waste packaging paper, ketycled content cut-on waste packaging paper cuton, 5 - GLO	-4.47762E-17 kg CO2 eq
Contribution	Process	Amount Unit
✓ 100.00%	P Production of container - RER	0.29567 kg 1.4-DB eg
25.020		0.10255 ha 1.4 DD an
35.02%	treatment of waste polyethylene terephthalate, for recycling, unsorted, sorting waste polyethylene terephthalate, *	0.10355 kg 1,4-DB eq
26.11%	injection moulding injection moulding Cutoff, S - RER	0.07720 kg 1,4-DB eq
13 66%	styrene-acrylonitrile conclumer production L styrene-acrylonitrile conclumer L Cutoff S - RER	0.04038 kg 1.4-DB eg
15.00%	- synche advisionance opposition production asynche advisionance opposition (cation, 5 - text	0.04050 kg 1,4 00 cq
09.05%	market for paper, woodfree, uncoated paper, woodfree, uncoated Cutoff, S - RER	0.02674 kg 1,4-DB eq
07.28%	acrylonitrile-butadiene-styrene copolymer production acrylonitrile-butadiene-styrene copolymer Cutoff, S - RER	0.02154 kg 1.4-DB eg
04 20%	Itransport fraight Jorn/25-75 matrix ton EURO6 I transport fraight Jorn/25-75 matrix ton EURO6 I Cutoff S - PEP	0.01269 kg 14-DP og
04.29%	anapport, neight, iony 5.5-7.5 metric ton, Eokolo Fuansport, neight, iony 5.5-7.5 metric ton, Eokolo Fution, 5 - Kek	0.01200 kg 1,4-DB eq
02.51%	transport, freight, lorry >32 metric ton, EURO6 transport, freight, lorry >32 metric ton, EURO6 Cutoff, S - RER	0.00741 kg 1,4-DB eq
01.91%	market for corrugated board box corrugated board box Cutoff, S - RER	0.00565 kg 1.4-DB eg
00.089/	Compared writing Loope L Cutoff S. DED	0.00033 kg 1.4 DB ag
00.08%	soap production soap cuton, S - REK	0.00023 kg 1,4-DB eq
00.05%	sodium tripolyphosphate production sodium tripolyphosphate Cutoff, S - RER	0.00016 kg 1,4-DB eq
00.02%	sodium chloride production, powder I sodium chloride, powder I Cutoff, S - BER	6.10958E-5 kg 1.4-DB eg
00.0270	- John Chone production, ported i John Chone (Landra, Sinter, Change)	1202245 5 kg 1,4 00 cg
00.01%	market for tap water tap water Cutoff, S - Europe without Switzerland	4.30234E-5 kg 1,4-DB eq
00.00%	Imarket for electricity, high voltage electricity, high voltage Cutoff, S - DE	4.78786E-6 kg 1,4-DB eg
-00.00%	waste paperboard sorted Recycled Content cut-off I waste paperboard sorted I Cutoff S - GIO	-1 61009E-19 kg 1 4-DB eg
-00.0078	waste paperboard, sorted, recycled content car-on waste paperboard, sorted caton, 5 - 010	-1.01030L-10 kg 1,4-DD eq
-00.00%	waste packaging paper, Recycled Content cut-off waste packaging paper Cutoff, S - GLO	-3.23138E-17 kg 1,4-DB eq
Contribution	Process	Amount Unit
✓ 100.00%	P Production of container - RER	2981.42594 kg 1.4-DB eg
60.619/	It testment of words polyathylana terephthalate for recycling yearstad carting I words polyathylana terephthalate	2045 59422 kg 14 DP og
00.01/0		
	- neutrient of mate polyedylene talephalanate, for respense, and real sorting i mate polyedylene talephalanate, in	2043.30423 kg 1,4 00 eq
09.89%	styrene-acrylonitrile copolymer production styrene-acrylonitrile copolymer Cutoff, S - RER	294.72708 kg 1,4-DB eq
09.89% 08.45%	styrene-acrylonitrile copolymer production styrene-acrylonitrile copolymer Cutoff, S - RER injection moulding injection moulding Cutoff, S - RER	294.72708 kg 1,4-DB eq 251.85330 kg 1,4-DB eq
09.89% 08.45% 05.59%	styrene-acrylonitrile copolymer production styrene-acrylonitrile copolymer Cutoff, S - RER injection moulding injection moulding Cutoff, S - RER i acquartitate but dainer, character accorduction acredicative but dainer, character accorduction S - RER i acquartitate but dainer, character accorduction acredicative but dainer, character accorduction S - RER i acquartitate but dainer, character accorduction acredicative but dainer, character accorduction S - RER i acquartitate but dainer, character accorduction acredicative but dainer, character accorduction S - RER i acquartitate but dainer, character accorduction acredicative but dainer, character accorduction S - RER i acquartitate but dainer, character accorduction acredicative but dainer, character accorduction S - RER i acquartitate but dainer, character accorduction S - RER i acquarter accorduction S - R	294.72708 kg 1,4-DB eq 251.85330 kg 1,4-DB eq 156.80574 kg 1,4-DB eg
09.89% 08.45% 05.59%	Styrene-acrylonitrile copolymer production styrene-acrylonitrile copolymer Cutoff, S - RER injection moulding nijection moulding Cutoff, S - RER acrylonitrile-butadiene-styrene copolymer production acrylonitrile-butadiene-styrene copolymer Cutoff, S - RER	294.72708 kg 1,4-D8 eq 294.72708 kg 1,4-D8 eq 251.85330 kg 1,4-D8 eq 166.80574 kg 1,4-D8 eq
09.89% 08.45% 05.59% 04.69%	styrene-acrylonitrile copolymer production styrene-acrylonitrile copolymer Cutoff, S - RER injection moulding injection moulding Cutoff, S - RER acrylonitrile-butadiene-styrene copolymer production acrylonitrile-butadiene-styrene copolymer Cutoff, S - RER market for paper, woodfree, uncoated paper, woodfree, uncoated Cutoff, S - RER	294.72708 kg 1,4-D8 eq 251.85330 kg 1,4-D8 eq 166.80574 kg 1,4-D8 eq 139.76034 kg 1,4-D8 eq
09.89% 08.45% 05.59% 04.69% 02.08%	styrene-acrylonitrile copolymer production styrene-acrylonitrile copolymer Cutoff, S - RER injection moulding injection moulding Cutoff, S - RER acrylonitrile-butadiene-styrene copolymer production acrylonitrile-butadiene-styrene copolymer Cutoff, S - RER market for paper, woodfree, uncoated paper, woodfree, uncoated Cutoff, S - RER market for corrupated boxic corrupated boxic Cutoff, S - RER market for corrupated boxic corrupated boxic Cutoff, S - RER	294.72708 kg 1.4-DB eq 251.85330 kg 1.4-DB eq 166.80574 kg 1.4-DB eq 139.76034 kg 1.4-DB eq 62.00704 kg 1.4-DB eq
09.89% 08.45% 05.59% 04.69% 02.08%	styrene-acrylonitrile copolymer production styrene-acrylonitrile copolymer Cutoff, S - RER injection moulding injection moulding Cutoff, S - RER acrylonitrile-butadiene-styrene copolymer production acrylonitrile-butadiene-styrene copolymer Cutoff, S - RER market for corrugated board box Corrugated board box Cutoff, S - RER market for corrugated board box Corrugated board box Cutoff, S - RER	294.72708 kg 1,4-DB eq 251.85330 kg 1,4-DB eq 166.80574 kg 1,4-DB eq 139.76034 kg 1,4-DB eq 62.00704 kg 1,4-DB eq
09.89% 08.45% 05.59% 04.69% 02.08% 00.49%	styrene-acrylonitrile copolymer production styrene-acrylonitrile copolymer Cutoff, S - RER injection moulding injection moulding Cutoff, S - RER acrylonitrile-butadiene-styrene copolymer production acrylonitrile-butadiene-styrene copolymer Cutoff, S - RER market for paper, woodfree, uncoated paper, woodfree, uncoated Cutoff, S - RER market for corrugated board box corrugated board box Cutoff, S - RER market for corrugated board box corrugated board box Cutoff, S - RER transport, freight, lorry 3.5-7.5 metric ton, EURO6 transport, freight, lorry 3.5-7.5 metric ton, EURO6 Cutoff, S - RER	294.72708 kg 1,4-D8 eq 251.85330 kg 1,4-D8 eq 166.80574 kg 1,4-D8 eq 139.76034 kg 1,4-D8 eq 6.200704 kg 1,4-D8 eq 14.72616 kg 1,4-D8 eq
09.89% 08.45% 05.59% 04.69% 02.08% 00.49% 00.17%	 styrene-acrylonitrile copolymer production styrene-acrylonitrile copolymer Cutoff, S - RER injection moulding injection moulding Cutoff, S - RER acrylonitrile-butadiene-styrene copolymer production acrylonitrile-butadiene-styrene copolymer Cutoff, S - RER market for paper, woodfree, uncoated paper, woodfree, uncoated Cutoff, S - RER market for corrugated board box Corrugated board box Cutoff, S - RER transport, freight, lonry 3.5-7.5 metric ton, EURO6 transport, freight, lonry 3.5-7.5 metric ton, EURO6 Cutoff, S - RER transport, freight, lonry 3.2 metric ton, EURO6 transport, freight, lonry 3.3 metric ton, EURO6 Cutoff, S - RER 	254.72708 kg 1.4-D8 eq 251.65330 kg 1.4-D8 eq 166.80574 kg 1.4-D8 eq 139/76034 kg 1.4-D8 eq 62.00704 kg 1.4-D8 eq 14.72616 kg 1.4-D8 eq 5.07230 kg 1.4-D8 eq
09.89% 08.45% 05.59% 04.69% 02.08% 00.49% 00.17% 00.01%	 styrene-acryfonitrilie copolymer production styrene-acryfonitrilie copolymer Cutoff, S - RER injection moulding injection moulding Cutoff, S - RER acryfonitrilie-butadiene-styrene copolymer production acryfonitrilie-butadiene-styrene copolymer Cutoff, S - RER acryfonitrilie-butadiene-styrene copolymer production acryfonitrilie-butadiene-styrene copolymer Cutoff, S - RER market for corrugated board box corrugated board box Cutoff, S - RER transport, freight, lorry 3.5-7.5 metric ton, EURO6 transport, freight, lorry 3.5-7.5 metric ton, EURO6 Cutoff, S - RER transport, freight, lorry -3.2 metric ton, EURO6 transport, freight, lorry -3.2 metric ton, EURO6 Cutoff, S - RER sodium trilophophosphate production sodium trilophophophate Cutoff - SER 	2047.2708 kg 1,4-D8 eq 251.85330 kg 1,4-D8 eq 166.80574 kg 1,4-D8 eq 139.76034 kg 1,4-D8 eq 62.00704 kg 1,4-D8 eq 14.72616 kg 1,4-D8 eq 5.07230 kg 1,4-D8 eq
09.89% 08.45% 05.59% 04.65% 02.08% 00.49% 00.17% 00.01%	styrene-acrylonitrile copolymer production styrene-acrylonitrile copolymer Cutoff, S - RER injection moulding injection moulding Cutoff, S - RER acrylonitrile-butadiene-styrene copolymer production acrylonitrile-butadiene-styrene copolymer Cutoff, S - RER market for corrugated board boar Corrugated board boar Cutoff, S - RER transport, freight, lorry 3.5-7.5 metric ton, EURO6 transport, freight, lorry 3.5-7.5 metric ton, EURO6 Cutoff, S - RER transport, freight, lorry 3.5 metric ton, EURO6 transport, freight, lorry 3.5-7.5 metric ton, EURO6 Cutoff, S - RER transport, freight, lorry 3.2 metric ton, EURO6 transport, freight, lorry 3.5 metric ton, EURO6 Cutoff, S - RER sodium tripolyphosphate production sodium tripolyphosphate Cutoff, S - RER	254.72708 kg 14-08 eq 251.8530 kg 14-08 eq 166.80574 kg 14-08 eq 13976034 kg 14-08 eq 14.72616 kg 14-08 eq 5.07230 kg 14-08 eq 0.41614 kg 14-08 eq
09.89% 08.45% 04.69% 02.08% 00.49% 00.17% 00.01%	 styrene-acryfonitrile copolymer production styrene-acryfonitrile copolymer Cutoff, S - RER injection moulding injection moulding Cutoff, S - RER acryfonitrile-butadiene-styrene copolymer production acryfonitrile-butadiene-styrene copolymer Cutoff, S - RER market for corrugated board box corrugated board box Cutoff, S - RER market for corrugated board box corrugated board box Cutoff, S - RER transport, freight, lorry 3.5-7.5 metric ton, EURO6 transport, freight, lorry 3.5-7.5 metric ton, EURO6 Cutoff, S - RER transport, freight, lorry -32 metric ton, EURO6 transport, freight, lorry -32 metric ton, EURO6 Cutoff, S - RER sodium tripolyhophosphate production sodium tripolyhosphate Cutoff, S - RER soap production soap Cutoff, S - RER 	2047.2708 kg 1,4-D8 eq 251.85330 kg 1,4-D8 eq 166.80574 kg 1,4-D8 eq 139.76034 kg 1,4-D8 eq 14.72616 kg 1,4-D8 eq 5.07230 kg 1,4-D8 eq 0.41614 kg 1,4-D8 eq 0.41614 kg 1,4-D8 eq
09.89% 08.45% 05.59% 04.65% 02.08% 00.49% 00.17% 00.01% 00.01% 00.00%	 styrene-acrylonitrile copolymer production styrene-acrylonitrile copolymer Cutoff, S - RER injection moulding injection moulding Cutoff, S - RER acrylonitrile-butadiene-styrene copolymer production acrylonitrile-butadiene-styrene copolymer Cutoff, S - RER market for corrugated board boar Corrugated board boar Cutoff, S - RER market for corrugated board boar corrugated board boar Cutoff, S - RER transport, freight, lorry 35-7.5 metric ton, EURO6 transport, freight, lorry 35-7.5 metric ton, EURO6 Cutoff, S - RER transport, freight, lorry 32 metric ton, EURO6 transport, freight, lorry 33 metric ton, EURO6 Cutoff, S - RER sodum tripolyphosphate production sodium tripolyphosphate Cutoff, S - RER soap production sodium tripolyphosphate Cutoff, S - RER market for the water Gutoff, S - RER 	254.72708 kg 1.4-D8 eq 251.8530 kg 1.4-D8 eq 166.80574 kg 1.4-D8 eq 62.00704 kg 1.4-D8 eq 14.72616 kg 1.4-D8 eq 0.41614 kg 1.4-D8 eq 0.24364 kg 1.4-D8 eq 0.24364 kg 1.4-D8 eq
09.89% 08.45% 04.69% 02.08% 00.49% 00.17% 00.01% 00.01% 00.01%	 styrene-acrylonitrile copolymer production styrene-acrylonitrile copolymer Cutoff, S - RER injection moulding injection moulding Cutoff, S - RER acrylonitrile-butadiene-styrene copolymer production acrylonitrile-butadiene-styrene copolymer Cutoff, S - RER market for paper, woodfree, uncoated paper, woodfree, uncoated Cutoff, S - RER market for corrugated board box corrugated board box Cutoff, S - RER transport, freight, lorry 3.5-7.5 metric ton, EURO6 transport, freight, lorry 3.5-7.5 metric ton, EURO6 Cutoff, S - RER transport, freight, lorry 3.5-7.5 metric ton, EURO6 transport, freight, lorry 3.5-7.5 metric ton, EURO6 Cutoff, S - RER sodium tripolyphosphate production sodium tripolyphosphate Cutoff, S - RER soap production soap Cutoff, S - RER market for tap water Tap water Cutoff, S - Europe without Switzerland sodium chingine production powder codium chingine chingine Clutoff, S - RER 	2043/27/208 kg 1,4-D8 eq 251,85330 kg 1,4-D8 eq 166,80574 kg 1,4-D8 eq 139,76034 kg 1,4-D8 eq 14,72616 kg 1,4-D8 eq 0,77230 kg 1,4-D8 eq 0,24364 kg 1,4-D8 eq 0,24364 kg 1,4-D8 eq 0,12144 kg 1,4-D8 eq
09.89% 08.45% 05.59% 02.08% 00.49% 00.17% 00.01% 00.01% 00.00%	 styrene-acrylonitrile copolymer production styrene-acrylonitrile copolymer Cutoff, S - RER injection moulding injection moulding Cutoff, S - RER acrylonitrile-butadiene-styrene copolymer production acrylonitrile-butadiene-styrene copolymer Cutoff, S - RER market for corrugated board boar Corrugated board boar Cutoff, S - RER market for corrugated board boar corrugated board boar Cutoff, S - RER transport, freight, lonry 3:5-7.5 metric ton, EURO6 transport, freight, lonry 3:5-7.5 metric ton, EURO6 Cutoff, S - RER transport, freight, lonry 3:2 metric ton, EURO6 transport, freight, lonry 3:2 metric ton, EURO6 Cutoff, S - RER sodium tripolyphosphate production sodium tripolyphosphate Cutoff, S - RER soap production soap Cutoff, S - RER anarket for tary water Tary water Louroff, S - Ser sodium chloride production sodium chloride, powder Cutoff, S - RER andret for tory water Cutoff, S - EURO sodium chloride production sodium chloride, powder Cutoff, S - RER 	254.72708 kg 1.4-D8 eq 251.65330 kg 1.4-D8 eq 166.80574 kg 1.4-D8 eq 62.00704 kg 1.4-D8 eq 14.72616 kg 1.4-D8 eq 0.41614 kg 1.4-D8 eq 0.24364 kg 1.4-D8 eq 0.24364 kg 1.4-D8 eq 0.24364 kg 1.4-D8 eq
09.89% 08.45% 04.69% 02.08% 00.49% 00.01% 00.01% 00.01% 00.00% 00.00%	 styrene-acrylonitrile copolymer production styrene-acrylonitrile copolymer Cutoff, S - RER injection moulding injection moulding Cutoff, S - RER acrylonitrile-butadiene-styrene copolymer production acrylonitrile-butadiene-styrene copolymer Cutoff, S - RER acrylonitrile-butadiene-styrene copolymer production acrylonitrile-butadiene-styrene copolymer Cutoff, S - RER market for corrugated board box corrugated board box Cutoff, S - RER transport, freight, lorry 3.5-7.5 metric ton, EURO6 transport, freight, lorry 3.5-7.5 metric ton, EURO6 Cutoff, S - RER transport, freight, lorry 3.2 metric ton, EURO6 transport, freight, lorry 3.5-7.5 metric ton, EURO6 Cutoff, S - RER sodium tripolyphosphate production sodium tripolyphosphate Cutoff, S - RER soap production soap Cutoff, S - RER market for tap water Tap water Cutoff, S - Europe without Switzerland sodium chloride production, powder sodium chloride, powder Cutoff, S - RER market for electricity, high voltage electricity, high voltage Cutoff, S - RER 	2043/27/208 kg 1,4-D8 eq 251,85330 kg 1,4-D8 eq 166,80574 kg 1,4-D8 eq 139,76034 kg 1,4-D8 eq 14,72616 kg 1,4-D8 eq 0,472616 kg 1,4-D8 eq 0,41614 kg 1,4-D8 eq 0,24364 kg 1,4-D8 eq 0,24364 kg 1,4-D8 eq 0,24364 kg 1,4-D8 eq 0,26852 kg 1,4-D8 eq 0,26852 kg 1,4-D8 eq
09.89% 08.45% 05.59% 04.65% 02.08% 00.17% 00.01% 00.01% 00.00% 00.00%	 styrene-acrylonitrile copolymer production styrene-acrylonitrile copolymer Cutoff, S - RER injection moulding injection moulding Cutoff, S - RER acrylonitrile-butadiene-styrene copolymer production acrylonitrile-butadiene-styrene copolymer Cutoff, S - RER acrylonitrile-butadiene-styrene copolymer production acrylonitrile-butadiene-styrene copolymer Cutoff, S - RER market for corrugated board boar corrugated board boar Cutoff, S - RER transport, freight, lorry 35-7.5 metric ton, EURO6 transport, freight, lorry 35-7.5 metric ton, EURO6 Cutoff, S - RER transport, freight, lorry 32-metric ton, EURO6 transport, freight, lorry 33-2 metric ton, EURO6 Cutoff, S - RER sodium tripolyphosphate production sodium tripolyphosphate Cutoff, S - RER anarket for tary avter Tay water Cutoff, S - ERE anarket for avater, lorry aster Cutoff, S - Sere asodium chloride production, powder sodium chloride, powder Cutoff, S - RER addium chloride production, powder sodium chloride, powder Cutoff, S - RER market for electricity, high voltage electricity, high voltage Cutoff, S - DE waste parebards. port Acryle Acryle Cutoff, S - GLO 	254.72708 kg 1.4-D8 eq 251.65330 kg 1.4-D8 eq 166.80574 kg 1.4-D8 eq 139.76034 kg 1.4-D8 eq 14.72616 kg 1.4-D8 eq 0.41614 kg 1.4-D8 eq 0.24364 kg 1.4-D8 eq 0.24364 kg 1.4-D8 eq 0.24364 kg 1.4-D8 eq 0.24364 kg 1.4-D8 eq 0.20201 kg 1.4-D8 eq 0.02852 kg 1.4-D8 eq 0.02854 kg 1.4-D8 eq 0.02854 kg 1.4-D8 eq
09.89% 08.45% 05.59% 02.08% 00.17% 00.01% 00.01% 00.00% 00.00% 00.00% -00.00%	 styrene-acrylonitrile copolymer production styrene-acrylonitrile copolymer Cutoff, S - RER injection moulding injection moulding Cutoff, S - RER acrylonitrile-butadiene-styrene copolymer production acrylonitrile-butadiene-styrene copolymer Cutoff, S - RER market for paper, woodfree, uncoated paper, woodfree, uncoated Cutoff, S - RER market for corrugated board box corrugated board box Cutoff, S - RER transport, freight, lonry 35-7.5 metric ton, EURO6 transport, freight, lonry 35-7.5 metric ton, EURO6 Cutoff, S - RER transport, freight, lonry 35-7.5 metric ton, EURO6 transport, freight, lonry 35-7.5 metric ton, EURO6 Cutoff, S - RER sodium tripolyphosphate production sodium tripolyphosphate Cutoff, S - RER soap production soap Cutoff, S - RER soap production soap Cutoff, S - RER anarket for care water Law water Law water Cutoff, S - NER market for certricity, high voltage electricity, high voltage Cutoff, S - RER market for electricity, high voltage electricity, high voltage Cutoff, S - RER waste paperboard, sorted, Recycled Content cut-off waste paperboard, sorted Cutoff, S - GLO waste paperboard, sorted, Recycled Content cut-off waste packaging paper Cutoff, S - GLO 	294.72708 kg 1.4-D8 eq 251.65330 kg 1.4-D8 eq 166.80574 kg 1.4-D8 eq 139.76034 kg 1.4-D8 eq 14.72616 kg 1.4-D8 eq 0.41614 kg 1.4-D8 eq 0.24364 kg 1.4-D8 eq 0.24364 kg 1.4-D8 eq 0.24364 kg 1.4-D8 eq 0.24364 kg 1.4-D8 eq 0.20201 kg 1.4-D8 eq 0.20201 kg 1.4-D8 eq 0.26864E-15 kg 1.4-D8 eq -3.65746E-13 kg 1.4-D8 eq
09.89% 08.45% 05.59% 02.08% 00.49% 00.17% 00.01% 00.01% 00.00% 00.00% 00.00% -00.00%	 styrene-acrylonitrile copolymer production styrene-acrylonitrile copolymer Cutoff, S - RER injection moulding injection moulding Cutoff, S - RER acrylonitrile-butadiene-styrene copolymer production acrylonitrile-butadiene-styrene copolymer Cutoff, S - RER market for corrugated board box corrugated board box Cutoff, S - RER market for corrugated board box corrugated board box Cutoff, S - RER transport, freight, lorry 35-75 metric ton, EURO6 transport, freight, lorry 35-75 metric ton, EURO6 Cutoff, S - RER transport, freight, lorry 35-75 metric ton, EURO6 transport, freight, lorry 35-75 metric ton, EURO6 Cutoff, S - RER sodium tripolyphosphate production sodium tripolyphosphate Cutoff, S - RER market for tap water Cutoff, S - RER market for tap water Cutoff, S - RER market for tap water Cutoff, S - EuR sodium tripolyphosphate production, powder Sodium chloride, powder Cutoff, S - RER market for tap water Lottoff, S - EuR market for tap water Lottoff, S - EuR market for electricity, high voltage Cutoff, S - EuR market for electricity, high voltage Cutoff, S - EuR market for electricity, high voltage Cutoff waste paperboard, sorted Cutoff, S - GLO waste paperboard, sorted, Recycled Content cut-off waste paperboard, sorted Cutoff, S - GLO 	254.72708 kg 1.4-D8 eq 251.8530 kg 1.4-D8 eq 166.80574 kg 1.4-D8 eq 139.76034 kg 1.4-D8 eq 14.72616 kg 1.4-D8 eq 0.41614 kg 1.4-D8 eq 0.24364 kg 1.4-D8 eq 0.24364 kg 1.4-D8 eq 0.24364 kg 1.4-D8 eq 0.2282 kg 1.4-D8 eq 0.20201 kg 1.4-D8 eq -1.86864E-15 kg 1.4-D8 eq -3.65746E-13 kg 1.4-D8 eq
09.89% 08.45% 05.59% 04.69% 02.08% 00.17% 00.01% 00.01% 00.01% 00.00% 00.00% 00.00% -00.00%	 styrene-acrylonitrile copolymer production styrene-acrylonitrile copolymer Cutoff, S - RER injection moulding injection moulding Cutoff, S - RER acrylonitrile-butadiene-styrene copolymer production acrylonitrile-butadiene-styrene copolymer Cutoff, S - RER market for corrugated board box corrugated board box Cutoff, S - RER market for corrugated board box corrugated board box Cutoff, S - RER transport, freight, lorry 35-75 metric ton, EURO6 transport, freight, lorry 35-75 metric ton, EURO6 Cutoff, S - RER transport, freight, lorry 32-75 metric ton, EURO6 transport, freight, lorry 35-75 metric ton, EURO6 Cutoff, S - RER sodium tripolyphosphate production sodium tripolyphosphate Cutoff, S - RER soap production soap Cutoff, S - ERR market for tap water Cutoff, S - ERR market for tap water Cutoff, S - ERR market for tap water Cutoff, S - ERR market for electricity, high voltage electricity, high voltage Cutoff, S - RER market for electricity, high voltage electricity, high voltage Cutoff, S - DE waste paperboard, sorted, Recycled Content cut-off waste paperboard, sorted Cutoff, S - GLO waste packaging paper, Recycled Content cut-off waste packaging paper Cutoff, S - GLO 	294.72708 kg 1,4-D8 eq 251.8330 kg 1,4-D8 eq 166.80574 kg 1,4-D8 eq 62.00704 kg 1,4-D8 eq 14.72616 kg 1,4-D8 eq 0.41614 kg 1,4-D8 eq 0.24364 kg 1,4-D8 eq 0.24364 kg 1,4-D8 eq 0.24364 kg 1,4-D8 eq 0.224364 kg 1,4-D8 eq 0.224364 kg 1,4-D8 eq 0.224364 kg 1,4-D8 eq 0.365766E-13 kg 1,4-D8 eq -3.65746E-13 kg 1,4-D8 eq
09.89% 08.45% 05.59% 02.08% 00.49% 00.17% 00.01% 00.01% 00.00% 00.00% 00.00% 00.00%	Styteme-acrylonitrile copolymer production styreme-acrylonitrile copolymer Cutoff, S - RER injection moulding injection moulding Cutoff, S - RER acrylonitrile-butadiene-styreme copolymer production acrylonitrile-butadiene-styreme copolymer Cutoff, S - RER market for corrugated board boar corrugated board box Cutoff, S - RER market for corrugated board box corrugated board box Cutoff, S - RER transport, freight, lorry 35-7.5 metric ton, EURO6 transport, freight, lorry 35-7.5 metric ton, EURO6 Cutoff, S - RER sodium tripolyphosphate production sodium tripolyphosphate Cutoff, S - RER soap production soap Cutoff, S - RER market for expansion sodium tripolyphosphate Cutoff, S - RER market for expansion sodium tripolyphosphate Cutoff, S - RER market for expansion sodium tripolyphosphate Cutoff, S - RER market for expansion sodium tripolyphosphate Cutoff, S - RER market for expansion sodium tripolyphosphate Cutoff, S - RER market for expansion sodium tripolyphosphate Cutoff, S - RER market for expansion sodium tripolyphosphate Cutoff, S - RER market for expansion sodium tripolyphosphate Cutoff, S - RER market for electricity, high voitage electricity, high voitage cutoff, S - SER market for electricity, high voitage electricity, high voitage Cutoff, S - GLO waste paperboard, soted. Recycled Content cut-off waste packaging paper Cutoff, S - GLO Process	294.72708 kg 1.4-D8 eq 251.8530 kg 1.4-D8 eq 166.80574 kg 1.4-D8 eq 13976034 kg 1.4-D8 eq 14.72616 kg 1.4-D8 eq 0.41614 kg 1.4-D8 eq 0.24364 kg 1.4-D8 eq 0.24364 kg 1.4-D8 eq 0.24364 kg 1.4-D8 eq 0.24364 kg 1.4-D8 eq 0.20201 kg 1.4-D8 eq 0.20201 kg 1.4-D8 eq 0.20201 kg 1.4-D8 eq 0.365746E-13 kg 1.4-D8 eq -3.65746E-13 kg 1.4-D8 eq
09.89% 08.45% 05.59% 04.69% 00.49% 00.17% 00.01% 00.01% 00.01% 00.00% 00.00% -00.00% -00.00%	Styrene-acrylonitrile copolymer production styrene-acrylonitrile copolymer Cutoff, S - RER injection moulding linjection moulding Cutoff, S - RER acrylonitrile-butadiene-styrene copolymer production acrylonitrile-butadiene-styrene copolymer Cutoff, S - RER market for corrugated board boar Corrugated board boar Cutoff, S - RER market for corrugated board boar Corrugated board boar Cutoff, S - RER market for corrugated board boar Cutoff, S - RER market for corrugated board boar Cutoff, S - RER market for corrugated board boar Cutoff, S - RER transport, freight, lonry >32 metric ton, EURO6 transport, freight, lonry >35-75 metric ton, EURO6 Cutoff, S - RER sodium tripolyphosphate production sodium tripolyphosphate Cutoff, S - RER market for tap water tap water Cutoff, S - Europe without Switzerland sodium chloride production, powder Sodium chloride, powder Cutoff, S - RER market for tap water tap water Cutoff, S - Europe without Switzerland market for clericity, high voltage electricity, high voltage Cutoff, S - RER market for tap water tap water Sodium chloride, powder Cutoff, S - RER market for tap water Cutoff, S - Europe without Switzerland market for tap water and the sodium chloride, powder Cutoff, S - RER market for tap water Cutoff, S - Europe without Switzerland market for tap water Cutoff, S - RER market for tap water Cutoff, S - Cutoff waste paperboard, sorted Cutoff, S - GLO waste paperboard, sorted, Recycled Content cut-off waste paperboard, sorted Cutoff, S - GLO Process Process Process	294.72708 kg 1,4-D8 eq 251.85330 kg 1,4-D8 eq 166.80574 kg 1,4-D8 eq 139.76034 kg 1,4-D8 eq 62.00704 kg 1,4-D8 eq 0.412616 kg 1,4-D8 eq 0.41614 kg 1,4-D8 eq 0.24364 kg 1,4-D8 eq 0.24364 kg 1,4-D8 eq 0.24364 kg 1,4-D8 eq 0.224364 kg 1,4-D8 eq 0.224364 kg 1,4-D8 eq 0.224364 kg 1,4-D8 eq 0.365766E-13 kg 1,4-D8 eq -3.65766E-13 kg 1,4-D8 eq
09.89% 08.45% 05.59% 02.08% 00.49% 00.17% 00.01% 00.01% 00.00% 00.00% 00.00% -00.00% -00.00% -00.00% 44.23%	Styteme-acrylonitrile copolymer production styreme-acrylonitrile copolymer Cutoff, S - RER injection moulding injection moulding Cutoff, S - RER acrylonitrile-butadiene-styreme copolymer production acrylonitrile-butadiene-styreme copolymer Cutoff, S - RER market for corrugated board boar Corrugated board boar Cutoff, S - RER market for corrugated board boar Corrugated board boar Cutoff, S - RER transport, freight, lorry 35-7.5 metric ton, EURO6 transport, freight, lorry 35-7.5 metric ton, EURO6 Cutoff, S - RER sodium tripolyphosphate production sodium tripolyphosphate Cutoff, S - RER sodium tripolyphosphate production sodium tripolyphosphate Cutoff, S - RER market for relay addre Tamport, freight, lorry 35-7.5 metric ton, EURO6 Cutoff, S - RER sodium tripolyphosphate production sodium tripolyphosphate Cutoff, S - RER market for exparts [Sodium tripolyphosphate Cutoff, S - RER market for explored to a local (Cutoff, S - RER market for explored to a local (Cutoff, S - RER market for explored to a local (S - SER market for explored to a local (Cutoff, S - RER market for explored to a local (Cutoff, S - RER market for electricity, high voltage electricity, high voltage Cutoff, S - SER market for electricity, high voltage cletoff, S - Lepaperboard, sorted Cutoff, S - GLO waste paperboard, sorted, Recycled Content cut-off waste packaging paper Cutoff, S - GLO Process Proces Proce Proces Proces Proces P	294.72708 kg 1.4-D8 eq 251.8530 kg 1.4-D8 eq 166.80574 kg 1.4-D8 eq 1397.6034 kg 1.4-D8 eq 14.72616 kg 1.4-D8 eq 0.41614 kg 1.4-D8 eq 0.41614 kg 1.4-D8 eq 0.24364 kg 1.4-D8 eq 0.24364 kg 1.4-D8 eq 0.24364 kg 1.4-D8 eq 0.20201 kg 1.4-D8 eq 0.02852 kg 1.4-D8 eq 0.02852 kg 1.4-D8 eq 0.02854 kg 1.4-D8 eq 0.365746E-13 kg 1.4-D8 eq -3.65746E-13 kg 1.4-D8 eq -3.65746E-13 kg 1.4-D8 eq
09.89% 08.45% 05.59% 04.69% 00.49% 00.01% 00.01% 00.01% 00.00% 00.00% 00.00% -00.00% -00.00% -00.00% -00.00% -00.00% -00.00%	Styteme-acrylonitrile copolymer production styreme-acrylonitrile copolymer Cutoff, S - RER injection moulding linjection moulding Cutoff, S - RER acrylonitrile-butadiene-styreme copolymer production acrylonitrile-butadiene-styreme copolymer Cutoff, S - RER market for corrugated board boar Corrugated board box Cutoff, S - RER market for corrugated board box Corrugated board box Cutoff, S - RER market for corrugated board box Corrugated board box Cutoff, S - RER market for corrugated board box Corrugated board box Cutoff, S - RER market for corrugated board box Corrugated board box Cutoff, S - RER market for corrugated board box Cutoff, S - RER sociaum tripolyphosphate production sociaum tripolyphosphate Cutoff, S - RER sociaum tripolyphosphate production sociaum tripolyphosphate Cutoff, S - RER market for tap water tap water Cutoff, S - Europe without Switzerland sociaum chloride production, powder Sociaum chloride, powder Cutoff, S - RER market for captor, Societ, S - RER market for tap water tap water Cutoff, S - Europe without Switzerland sociaum chloride production, powder Sociaum chloride, powder Cutoff, S - RER market for tap water tap water Cutoff, S - Europe without Switzerland sociaum chloride production, powder Sociaum chloride, powder Cutoff, S - RER market for tap water tap water Cutoff waste paperboard, sorted Cutoff, S - GLO waste paperboard, sorted, Recycled Content cut-off waste paperboard, sorted Cutoff, S - GLO Process Production of container - RER received to file paper Recycled Content cut-off waste paperboard, sorted Cutoff, S - GLO target to moulding Cutoff, S - RER received to receive the paper Social file tap water Cutoff, S - RER received to file tap water Cutoff, S - RER received to receive the paper Social file tap water tap Bater Social file tap water Cutoff, S - GLO	294.72708 kg 14-D8 eq 251.8530 kg 14-D8 eq 166.80574 kg 14-D8 eq 62.00704 kg 14-D8 eq 14.72616 kg 14-D8 eq 0.41614 kg 14-D8 eq 0.41614 kg 14-D8 eq 0.24364 kg 14-D8 eq 0.8852 kg 14-D8 eq 0.8852 kg 14-D8 eq 0.8852 kg 14-D8 eq 0.8852 kg 14-D8 eq 1.86864E-15 kg 14-D8 eq -3.65746E-13 kg 14-D8 eq 2.365746E-13 kg 14-D8 eq
09.89% 08.45% 05.59% 02.08% 00.49% 00.17% 00.01% 00.01% 00.00% 00.00% 00.00% 00.00% • 00.00% • 00.00% • 100.00% • 44.23% 12.75% • 12.75% • 12.45%	styrene-acrylonitrile copolymer production styrene-acrylonitrile copolymer Cutoff, S - RER injection moulding injection moulding Cutoff, S - RER acrylonitrile-butadiene-styrene copolymer production acrylonitrile-butadiene-styrene copolymer Cutoff, S - RER market for corrugated board boar corrugated board box Cutoff, S - RER market for corrugated board box corrugated board box Cutoff, S - RER market for corrugated board box corrugated board box Cutoff, S - RER market for corrugated board box Cutoff, S - RER market for corrugated board box Cutoff, S - RER transport, freight, lonry 35-7.5 metric ton, EURO6 transport, freight, lonry 35-7.5 metric ton, EURO6 Cutoff, S - RER sodium tripolyphosphate production sodium tripolyphosphate Cutoff, S - RER market for care yater tay mater Cutoff, S - RER market for explored to a local corrugated board board Cutoff, S - RER market for explored to a local corrugated board board Cutoff, S - RER market for care yater tay mater Sodium tripolyphosphate Cutoff, S - RER market for explored to a local corrugated board board Cutoff, S - RER market for electricity, high voltage electricity, high voltage electricity, soft = DE market for electricity, high voltage electricity, high voltage electricity, bigh voltage Cutoff, S - GLO waste packaging paper, Recycled Content cut-off waste packaging paper Cutoff, S - GLO Process Pro	294.72708 kg 1.4-D8 eq 251.8330 kg 1.4-D8 eq 166.80574 kg 1.4-D8 eq 13976034 kg 1.4-D8 eq 14.72616 kg 1.4-D8 eq 0.41614 kg 1.4-D8 eq 0.41614 kg 1.4-D8 eq 0.24364 kg 1.4-D8 eq 0.24364 kg 1.4-D8 eq 0.24364 kg 1.4-D8 eq 0.20201 kg 1.4-D8 eq 0.20201 kg 1.4-D8 eq 0.20201 kg 1.4-D8 eq 0.20201 kg 1.4-D8 eq 0.365746E-13 kg 1.4-D8 eq -3.65746E-13 kg 1.4-D8 eq 2.3020E-8 kg CFC-11 eq 2.53020E-8 kg CFC-11 eq 7.29039E-9 kg CFC-11 eq
09.89% 08.45% 05.59% 04.69% 00.09% 00.01% 00.01% 00.01% 00.00% 00.00% 00.00% -00.00% -00.00% -00.00% -00.00% -00.00% -00.00% -2.75% 12.21%	styrene-acrylonitrile copolymer production styrene-acrylonitrile copolymer Cutoff, S - RER injection moulding linjection moulding Cutoff, S - RER acrylonitrile-butadiene-styrene copolymer production acrylonitrile-butadiene-styrene copolymer Cutoff, S - RER market for corrugated board boar Corrugated board box Cutoff, S - RER market for corrugated board box Corrugated board box Cutoff, S - RER market for corrugated board box Corrugated board box Cutoff, S - RER market for corrugated board box Cutoff, S - RER market for corrugated board box Cutoff, S - RER market for corrugated board box Cutoff, S - RER market for corrugated board box Cutoff, S - RER sociaum tripolyphosphate production sociaum tripolyphosphate Cutoff, S - RER sociaum tripolyphosphate production sociaum tripolyphosphate Cutoff, S - RER market for tap water tap water Cutoff, S - Europe without Switzerland sociaum chloride production, powder Sociaum chloride, powder Cutoff, S - RER market for tap water tap water Cutoff, S - Europe without Switzerland sociaum chloride production, powder Sociaum chloride, powder Cutoff, S - RER market for tap water tap water Sociaum chloride, powder Cutoff, S - RER market for tap water Cutoff, S - Europe without Switzerland sociaum chloride production, powder Sociaum chloride, powder Cutoff, S - RER market for tap water Cutoff, S - RER market for container - RER process P Production of container - RER respectively. high voltage effectively. high voltage effectively. High voltage effectively. market for paper, woodfree, uncoated Cutoff, S - RER market for paper, woodfree, uncoated Cutoff, S - RER market for paper. woodfree, uncoated Cutoff, S - RER market for paper. Woodfree, uncoated Cutoff, S - RER	294.72708 kg 14-D8 eq 251.8530 kg 14-D8 eq 168.0574 kg 14-D8 eq 139.76034 kg 14-D8 eq 139.76034 kg 14-D8 eq 14.72616 kg 14-D8 eq 0.41614 kg 14-D8 eq 0.24364 kg 14-D8 eq 0.8852 kg 14-D8 eq 0.8852 kg 14-D8 eq 0.8852 kg 14-D8 eq -1.86864E-15 kg 14-D8 eq -3.65746E-13 kg 14-D8 eq 2.53026-8 kg CFC-11 eq 7.29039E-8 kg CFC-11 eq 7.29039E-9 kg CFC-11 eq
09.89% 08.45% 05.59% 04.69% 02.08% 00.49% 00.17% 00.01% 00.01% 00.00% 00.00% 00.00% 00.00% -00.00	Styteme-acrylonitrile copolymer production styreme-acrylonitrile copolymer Cutoff, S - RER injection moulding injection moulding Cutoff, S - RER acrylonitrile-butadiene-styreme copolymer production acrylonitrile-butadiene-styreme copolymer Cutoff, S - RER market for corrugated board boar corrugated board boar Cutoff, S - RER market for corrugated board boar corrugated board boar Cutoff, S - RER Transport, freight, lorry 35-7.5 metric ton, EURO6 transport, freight, lorry 35-7.5 metric ton, EURO6 Cutoff, S - RER soaium tripolyphosphate production sodium tripolyphosphate Cutoff, S - RER soaium tripolyphosphate production sodium tripolyphosphate Cutoff, S - RER soaium tripolyphosphate production sodium tripolyphosphate Cutoff, S - RER soaium tripolyphosphate production sodium chloride, powder Cutoff, S - RER sodium chloride production, powder Sodium chloride, powder Cutoff, S - RER market for relexities, high voltage electricity, high voltage Cutoff, S - RER market for electricity, high voltage electricity, high voltage Cutoff, S - GLO Process Production of container - RER Inspection moulding injection mo	294.72708 kg 1.4-D8 eq 251.8330 kg 1.4-D8 eq 166.80574 kg 1.4-D8 eq 13976034 kg 1.4-D8 eq 14.72616 kg 1.4-D8 eq 0.41614 kg 1.4-D8 eq 0.41614 kg 1.4-D8 eq 0.24364 kg 1.4-D8 eq 0.24364 kg 1.4-D8 eq 0.24364 kg 1.4-D8 eq 0.20201 kg 1.4-D8 eq 0.02852 kg 1.4-D8 eq 0.020201 kg 1.4-D8 eq 0.020201 kg 1.4-D8 eq -3.65746E-13 kg 1.4-D8 eq -3.65746E-14 kg 1.4-D8 eq -
09.89% 08.45% 05.59% 04.69% 02.08% 00.49% 00.01% 00.01% 00.01% 00.00% 00.00% 00.00% -00.00% -00.00% × 100.00% 44.23% 12.75% 12.41% 10.32% 07.34%	Styreme-acrylonitrile copolymer production styreme-acrylonitrile copolymer Cutoff, S - RER injection moulding injection moulding Cutoff, S - RER acrylonitrile-butadiene-styreme copolymer production acrylonitrile-butadiene-styreme copolymer Cutoff, S - RER market for corrugated board boar corrugated board boar Cutoff, S - RER market for corrugated board boar Corrugated board boar Cutoff, S - RER Inarket for corrugated board boar Cutoff, S - RER Transport, freight, Ionry 3-27 metric ton, EURO6 transport, freight, Ionry 35-75 metric ton, EURO6 Cutoff, S - RER Sodium tripolyphosphate production sodium tripolyphosphate Cutoff, S - RER Sodium tripolyphosphate production sodium tripolyphosphate Cutoff, S - RER Sodium choride production, powder Sodium choride, powder Cutoff, S - RER market for tap water tap water Cutoff, S - Europe without Switzerland Sodium choride production, powder Sodium choride, powder Cutoff, S - RER market for tap water tap water Cutoff, S - Europe without Switzerland Sodium choride production, powder Sodium choride, powder Cutoff, S - RER waste paperboard, sorted, Recycled Content cut-off waste paperboard, sorted Cutoff, S - GLO Process Production of container - RER Injection moulding Cutoff, S - RER Insert for paper, woodfree, uncoated Cutoff, S - RER Insert for paper, woodfree, uncoated paper, woodfree, uncoated Cutoff, S - RER Insert for paper, woodfree, uncoated paper, woodfree, uncoated Cutoff, S - RER Insert for paper, woodfree, uncoated Cutoff, S - RER Insert for paper, woodfree, uncoated paper, woodfree, uncoated Cutoff, S - RER Inserts for paper, woodfree, uncoated paper, woodfree, uncoated Cutoff, S - RER Insert for paper, woodfree, uncoated paper, woodfree, uncoated Cutoff, S - RER Insert for paper, woodfree, uncoated paper	294.72708 kg 14-D8 eq 251.8330 kg 14-D8 eq 139.76034 kg 14-D8 eq 139.76034 kg 14-D8 eq 139.76034 kg 14-D8 eq 14.72616 kg 14-D8 eq 0.41614 kg 14-D8 eq 0.24364 kg 14-D8 eq 0.26304 kg 14-D8 eq 1.86864E-15 kg 14-D8 eq -3.65746E-13 kg 14-D8 eq 2.365746E-13 kg 14-D8 eq 7.29039E-9 kg CFC-11 eq 7.29039E-9 kg CFC-11 eq 7.09682E-9 kg CFC-11 eq 5.90589E-9 kg CFC-11 eq
09.89% 08.45% 05.59% 04.69% 02.08% 00.49% 00.17% 00.01% 00.00% 00.00% 00.00% 00.00% -00.0	Styrene-acrylonitrile copolymer production styrene-acrylonitrile copolymer Cutoff, S - RER injection moulding injection moulding Cutoff, S - RER acrylonitrile-butadiene-styrene copolymer production acrylonitrile-butadiene-styrene copolymer Cutoff, S - RER market for corrugated board boar corrugated board boar Cutoff, S - RER market for corrugated board boar corrugated board boar Cutoff, S - RER Transport, freight, lorry 35-7.5 metric ton, EURO6 transport, freight, lorry 35-7.5 metric ton, EURO6 Cutoff, S - RER sodium tripolyphosphate production sodium tripolyphosphate Cutoff, S - RER soap production soap Cutoff, S - RER market for relexity, high voltage electricity, high voltage Cutoff, S - RER market for electricity, high voltage electricity, high voltage Cutoff, S - GLO Process Production of container - RER <p< td=""><td>294.72708 kg 1.4-D8 eq 251.8330 kg 1.4-D8 eq 166.80574 kg 1.4-D8 eq 13976034 kg 1.4-D8 eq 14.72616 kg 1.4-D8 eq 0.41614 kg 1.4-D8 eq 0.41614 kg 1.4-D8 eq 0.24364 kg 1.4-D8 eq 0.24364 kg 1.4-D8 eq 0.24364 kg 1.4-D8 eq 0.20201 kg 1.4-D8 eq 0.20201 kg 1.4-D8 eq 0.20201 kg 1.4-D8 eq 0.20201 kg 1.4-D8 eq 0.365746E-13 kg 1.4-D8 eq -3.65746E-13 kg 1.4-D8 eq 2.3020E-8 kg CFC-11 eq 7.2039E-9 kg CFC-11 eq 7.2039E-9 kg CFC-11 eq 7.09682E-9 kg CFC-11 eq 4.19746E-9 kg CFC-11 eq</td></p<>	294.72708 kg 1.4-D8 eq 251.8330 kg 1.4-D8 eq 166.80574 kg 1.4-D8 eq 13976034 kg 1.4-D8 eq 14.72616 kg 1.4-D8 eq 0.41614 kg 1.4-D8 eq 0.41614 kg 1.4-D8 eq 0.24364 kg 1.4-D8 eq 0.24364 kg 1.4-D8 eq 0.24364 kg 1.4-D8 eq 0.20201 kg 1.4-D8 eq 0.20201 kg 1.4-D8 eq 0.20201 kg 1.4-D8 eq 0.20201 kg 1.4-D8 eq 0.365746E-13 kg 1.4-D8 eq -3.65746E-13 kg 1.4-D8 eq 2.3020E-8 kg CFC-11 eq 7.2039E-9 kg CFC-11 eq 7.2039E-9 kg CFC-11 eq 7.09682E-9 kg CFC-11 eq 4.19746E-9 kg CFC-11 eq
09.89% 08.45% 05.59% 04.69% 02.08% 00.49% 00.01% 00.01% 00.01% 00.00% 00.00% -00.00% -00.00% × 100.00% 44.23% 12.75% 12.41% 10.32% 07.34% 06.28%	Styrene-acrylonitrile copolymer production styrene-acrylonitrile copolymer Cutoff, S - RER acrylonitrile-butadiene-styrene copolymer production acrylonitrile-butadiene-styrene copolymer Cutoff, S - RER acrylonitrile-butadiene-styrene copolymer production acrylonitrile-butadiene-styrene copolymer Cutoff, S - RER market for corrugated board boar Corrugated board boar Cutoff, S - RER market for corrugated board boar Corrugated board boar Cutoff, S - RER Transport, freight, Ionry 3-75 metric ton, EURO6 transport, freight, Ionry 35-75 metric ton, EURO6 Cutoff, S - RER sodium tripolyphosphate production sodium tripolyphosphate Cutoff, S - RER soap production soap Cutoff, S - RER market for tap water tap water Cutoff, S - Europe without Switzerland sodium chloride production, powder sodium chloride, powder Cutoff, S - RER market for tap water tap water Cutoff, S - Europe without Switzerland sodium chloride production, powder sodium chloride, powder Cutoff, S - RER waste paperboard, sorted, Recycled Content cut-off waste paperboard, sorted Cutoff, S - GLO Process Production of container - RER injection moulding Cutoff, S - RER insect of container - RER injection moulding Cutoff, S - RER insect of container - RER in	294.72708 kg 14-D8 eq 251.85330 kg 14-D8 eq 156.80574 kg 14-D8 eq 62.00704 kg 14-D8 eq 14.72616 kg 14-D8 eq 0.41614 kg 14-D8 eq 0.41614 kg 14-D8 eq 0.24364 kg 14-D8 eq 0.26201 kg 14-D8 eq -1.86864E-15 kg 14-D8 eq -3.65746E-13 kg 14-D8 eq -3.65746E-13 kg 14-D8 eq 2.52020E-8 kg CFC-11 eq 7.29039E-9 kg CFC-11 eq 7.09682E-9 kg CFC-11 eq 3.95935E-9 kg CFC-11 eq 3.95935E-9 kg CFC-11 eq
09.89% 08.45% 05.59% 04.65% 02.08% 00.49% 00.17% 00.01% 00.00% 00.00% 00.00% 00.00% 00.00% • 00.00% • 00.00% • 100.00% • 44.23% 12.75% 12.41% 10.32% 07.34% 06.28% 04.22%	Styteme-acrylonitrile copolymer production styreme-acrylonitrile copolymer Cutoff, S - RER injection moulding injection moulding Cutoff, S - RER acrylonitrile-butadiene-styreme copolymer production acrylonitrile-butadiene-styreme copolymer Cutoff, S - RER market for corrugated board boar corrugated board boar Cutoff, S - RER market for corrugated board boar corrugated board boar Cutoff, S - RER Transport, freight, lorry 35-7.5 metric ton, EURO6 transport, freight, lorry 35-7.5 metric ton, EURO6 Cutoff, S - RER sodium tripolyphosphate production sodium tripolyphosphate Cutoff, S - RER soap production soap Cutoff, S - RER market for relectricity, high voitage electricity, high voitage Cutoff, S - RER waste paperboard, sorted, Recycled Content cut-off waste paperboard, sorted Cutoff, S - GLO Process P	294.72708 kg 1.4-D8 eq 251.65330 kg 1.4-D8 eq 166.80574 kg 1.4-D8 eq 13976034 kg 1.4-D8 eq 14.72616 kg 1.4-D8 eq 0.41614 kg 1.4-D8 eq 0.41614 kg 1.4-D8 eq 0.24364 kg 1.4-D8 eq 0.24364 kg 1.4-D8 eq 0.24364 kg 1.4-D8 eq 0.20201 kg 1.4-D8 eq 0.20201 kg 1.4-D8 eq 0.20201 kg 1.4-D8 eq 0.20201 kg 1.4-D8 eq -3.65746E-13 kg 1.4-D8 eq -3.65746E-14 kg 1.4-D8 eq -3
09.89% 08.45% 05.59% 04.69% 02.08% 00.49% 00.17% 00.01% 00.01% 00.00% 00.00% -00.00% -00.00% 44.23% 12.75% 12.41% 10.32% 07.34% 06.28% 04.22% 07.35%	Styrene-acrylonitrile copolymer production styrene-acrylonitrile copolymer Cutoff, S - RER acrylonitrile-butadiene-styrene copolymer production acrylonitrile-butadiene-styrene copolymer Cutoff, S - RER acrylonitrile-butadiene-styrene copolymer production acrylonitrile-butadiene-styrene copolymer Cutoff, S - RER market for corrugated board box Corrugated board box Cutoff, S - RER market for corrugated board box Corrugated board box Cutoff, S - RER Transport, freight, Ionry 3-75 metric ton, EURO6 transport, freight, Ionry 35-75 metric ton, EURO6 Cutoff, S - RER sodium tripolyphosphate production sodium tripolyphosphate Cutoff, S - RER soap production soap Cutoff, S - RER market for tap water tap water Cutoff, S - Europe without Switzerland sodium chloride production, powder Sodium chloride, powder Cutoff, S - RER market for tap water Cutoff, S - Europe without Switzerland sodium chloride production, powder Sodium chloride, powder Cutoff, S - RER market for tap water Cutoff, S - Europe without Switzerland sodium chloride production, powder Sodium chloride, powder Cutoff, S - RER market for tap water Cutoff, S - Europe without Switzerland sodium chloride production, powder Sodium chloride, powder Cutoff, S - RER market for tap water, Recycled Content cut-off waste paperboard, sorted Cutoff, S - GLO Process Production of container - RER Iransport, freight, Ionry 3-5-7.5 metric ton, EURO6 Cutoff, S - RER Transport, freight, Ionry 3-5-7.5 metric ton, EURO6 Cutoff, S - RER Engletion moulding Cutoff, S	294.72708 kg 14-D8 eq 251.85330 kg 14-D8 eq 166.80574 kg 14-D8 eq 139.76034 kg 14-D8 eq 14.72616 kg 14-D8 eq 0.41614 kg 14-D8 eq 0.41614 kg 14-D8 eq 0.41614 kg 14-D8 eq 0.42364 kg 14-D8 eq 0.42364 kg 14-D8 eq 0.08852 kg 14-D8 eq 0.08852 kg 14-D8 eq 0.08852 kg 14-D8 eq 0.08852 kg 14-D8 eq -1.86864E-15 kg 14-D8 eq -3.65746E-13 kg 14-D8 eq 2.53020E-8 kg CFC-11 eq 7.29039E-9 kg CFC-11 eq 5.90589E-9 kg CFC-11 eq 3.59356E-9 kg CFC-11 eq
09.89% 08.45% 05.59% 02.08% 00.49% 00.17% 00.01% 00.00% 00.00% 00.00% 00.00% -00% -	Styteme-acrylonitrile copolymer production styreme-acrylonitrile copolymer Cutoff, S - RER injection moulding injection moulding Cutoff, S - RER acrylonitrile-butadiene-styreme copolymer production acrylonitrile-butadiene-styreme copolymer Cutoff, S - RER market for corrugated board boar corrugated board boar Cutoff, S - RER market for corrugated board boar corrugated board boar Cutoff, S - RER Transport, freight, lorry 35-7.5 metric ton, EURO6 transport, freight, lorry 35-7.5 metric ton, EURO6 Cutoff, S - RER sodium tripolyphosphate production sodium tripolyphosphate Cutoff, S - RER soap production soap Cutoff, S - RER soadium tripolyphosphate production sodium tripolyphosphate Cutoff, S - RER soadium chloride production, powder Sodium Chloride, powder Cutoff, S - RER market for relectricity, high voitage electricity, high voitage Cutoff, S - RER market for electricity, high voitage electricity, high voitage Cutoff, S - GLO waste packaging paper, Recycled Content cut-off waste packaging paper Cutoff, S - GLO Process Process Process Process Production of container - RER injection moulding injection moulding Cutoff, S - RER trasport, freight, lorry 35-7.5 metric ton, EURO6 Cutoff, S - RER trasport, freight, lorry 35-7.5 metric ton, EURO6 transport, freight, lorry 35-7.5 metric ton, EURO6 Cutoff, S - RER trasport, freight, lorry 35-7.5 metric ton, EURO6 Cutoff, S - RER arater for paper, woodfree, uncoated paper, woodfree, uncoated Cutoff, S - RER arater for paper, woodfree, uncoated paper, woodfree, uncoated Cutoff, S - RER arater for waste polyethylene trephthalate, or reacting waste polyethylene trephthalate, or trasport, freight	294.72708 kg 1.4-D8 eq 251.65330 kg 1.4-D8 eq 136.60574 kg 1.4-D8 eq 139.76034 kg 1.4-D8 eq 14.72616 kg 1.4-D8 eq 0.41614 kg 1.4-D8 eq 0.41614 kg 1.4-D8 eq 0.24364 kg 1.4-D8 eq 0.24364 kg 1.4-D8 eq 0.24364 kg 1.4-D8 eq 0.20201 kg 1.4-D8 eq 0.20201 kg 1.4-D8 eq 0.20201 kg 1.4-D8 eq -3.65746E-13 kg 1.4-D18 eq -3.65746E-13 kg 1.4-D18 eq -3.65746E-14 kg 1.4-D18 kg 1.4-D18 eq -3.65746E-14 kg 1.4-D18 kg 1.4
09.89% 08.45% 05.59% 04.69% 02.08% 00.49% 00.17% 00.01% 00.01% 00.00% 00.00% -00.00% -00.00% 44.23% 12.75% 12.41% 10.32% 07.34% 06.28% 04.22% 02.35% 00.06%	Styrene-acrylonitrile copolymer production styrene-acrylonitrile copolymer Cutoff, S - RER acrylonitrile-butadiene-styrene copolymer production acrylonitrile-butadiene-styrene copolymer Cutoff, S - RER market for corrugated board box corrugated board box Cutoff, S - RER market for corrugated board box corrugated board box Cutoff, S - RER market for corrugated board box corrugated board box Cutoff, S - RER Transport, freight, lonry 3-57.57 metric ton, EURO6 transport, freight, lonry 3-57.57 metric ton, EURO6 Cutoff, S - RER sodium tripolyphosphate production sodium tripolyphosphate Cutoff, S - RER sodium tripolyphosphate production sodium tripolyphosphate Cutoff, S - RER sodium tripolyphosphate production sodium tripolyphosphate Cutoff, S - RER market for tap water tap water Cutoff, S - Europe without Switzerland sodium chloride production, powder sodium chloridae, powder Cutoff, S - RER market for tap water Cutoff, S - Europe without Switzerland sodium chloride production, powder sodium chloridae, powder Cutoff, S - RER market for tap water Cutoff, S - Europe without Switzerland sodium chloride production, powder sodium chloridae, powder Cutoff, S - GLO waste paperboard, sorted, Recycled Content cut-off waste paperboard, sorted Cutoff, S - GLO Process Production of container - RER Inaget for paper, woodfree, uncoated paper, woodfree, uncoated Cutoff, S - RER Inaget for paper, woodfree, uncoated paper, woodfree, uncoated Cutoff, S - RER Inaget for paper, woodfree, uncoated paper, woodfree, uncoated Cutoff, S - RER Engineeries (Cutoff, S - RER	294.72708 kg 14-D8 eq 251.85330 kg 14-D8 eq 166.80574 kg 14-D8 eq 139.76034 kg 14-D8 eq 14.72616 kg 14-D8 eq 0.41614 kg 14-D8 eq 0.41614 kg 14-D8 eq 0.41614 kg 14-D8 eq 0.24364 kg 14-D8 eq 0.24364 kg 14-D8 eq 0.24364 kg 14-D8 eq 0.24364 kg 14-D8 eq 0.365746E-13 kg 14-D8 eq -3.65746E-13 kg 14-D8 eq -3.65746E-13 kg 14-D8 eq -3.65746E-13 kg 14-D8 eq 2.53020E-8 kg CFC-11 eq 2.59039E-9 kg CFC-11 eq 3.99356E-9 kg CFC-11 eq 3.99356E-9 kg CFC-11 eq 3.99356E-9 kg CFC-11 eq 3.99356E-9 kg CFC-11 eq 3.4240E-9 kg CFC-11 eq 3.27920E-11 kg CFC-11 eq 3.27920E-11 kg CFC-11 eq
09.89% 08.45% 05.59% 04.69% 02.08% 00.49% 00.17% 00.01% 00.00% 00.00% 00.00% 00.00% • 00.00% • 100.00% • 100.00% • 44.23% 12.75% 12.41% 10.32% 07.34% 06.28% 04.22% 02.35% 00.06% 00.02%	Styteme-acrylonitrile copolymer production styreme-acrylonitrile copolymer Cutoff, S - RER injection moulding injection moulding Cutoff, S - RER acrylonitrile-butadiene-styreme copolymer production acrylonitrile-butadiene-styreme copolymer Cutoff, S - RER market for corrugated board box corrugated board box Cutoff, S - RER market for corrugated board box corrugated board box Cutoff, S - RER transport, freight, lorry 35-7.5 metric ton, EURO6 transport, freight, lorry 35-7.5 metric ton, EURO6 Cutoff, S - RER transport, freight, lorry 35-7.5 metric ton, EURO6 transport, freight, lorry 35-7.5 metric ton, EURO6 Cutoff, S - RER sodium tripolyphosphate production sodium tripolyphosphate Cutoff, S - RER soap production soap Cutoff, S - RER market for relectricity, high voitage electricity, high voitage Cutoff, S - RER waste paperboard, sorted, Recycled Content cut-off waste paperboard, sorted Cutoff, S - GLO Process	294.72708 kg 1.4-D8 eq 251.65330 kg 1.4-D8 eq 136.60574 kg 1.4-D8 eq 139.76034 kg 1.4-D8 eq 139.76034 kg 1.4-D8 eq 0.42616 kg 1.4-D8 eq 0.41614 kg 1.4-D8 eq 0.24364 kg 1.4-D8 eq 0.24364 kg 1.4-D8 eq 0.24364 kg 1.4-D8 eq 0.20201 kg 1.4-D8 eq 0.20201 kg 1.4-D8 eq 0.20201 kg 1.4-D8 eq 0.20201 kg 1.4-D8 eq -3.65746E-13 kg 1.4-D8 eq -3.65746E-14 kg 1.4-D8 kg 1.4-D8 eq -3.65746E-14 kg 1.4-D8 kg 1.4-D8 kg 1.4-D8
09.89% 08.45% 05.59% 04.69% 02.08% 00.49% 00.17% 00.01% 00.01% 00.00% 00.00% -00.00% -00.00% 44.23% 12.75% 12.41% 10.32% 07.34% 06.28% 04.22% 02.35% 00.06% 00.02%	styreme-acrylonitrile copolymer production styreme-acrylonitrile copolymer Cutoff, S - RER acrylonitrile-butadiene-styreme copolymer production acrylonitrile-butadiene-styreme copolymer Cutoff, S - RER acrylonitrile-butadiene-styreme copolymer production acrylonitrile-butadiene-styreme copolymer Cutoff, S - RER market for corrugated board box corrugated board box Cutoff, S - RER transport, freight, lorry 35-7.5 metric ton, EURO6 transport, freight, lorry 35-7.5 metric ton, EURO6 Cutoff, S - RER transport, freight, lorry 32 metric ton, EURO6 transport, freight, lorry 35-7.5 metric ton, EURO6 Cutoff, S - RER sodium tripolyphosphate production sodium tripolyphosphate Cutoff, S - RER market for electricity, high voltage electricity, high voltage Cutoff, S - RER market for tap water Cutoff, S - Europe without Switzerland sodium chloride production, powder sodium chloride, powder Cutoff, S - RER market for electricity, high voltage electricity, high voltage Cutoff, S - RER market for container - RER Production of container - RER Production of container - RER Production of container - RER Systeme-acrylonitrile copolymer production styrem-acrylonitrile copolymer Cutoff, S - RER Itransport, freight, lorry 35-7.5 metric ton, EURO6 transport, freight, lorry 35-7.5 metric ton, EURO6 Cutoff, S - RER Production of container - RER Production of container - RER Transport, freight, lorry 35-7.5 metric ton, EURO6 transport, freight, lorry 35-7.5 metric ton, EURO6 Cutoff, S - RER Itransport, freight, lorry 35-7.5 metric ton, EURO6 transport, freight, lorry 35-7.5 metric ton, EURO6 Cutoff, S - RER Itransport, freight, lorry 35-7.5 metric ton, EURO6 transport, freight, lorry 35-7.5 metric ton, EURO6 Cutoff, S - RER Itransport, freight, lorry 35-7.5 metric ton, EURO6 transport, freight, lorry 35-7.5 metric ton, EURO	294.72708 kg 14-D8 eq 251.85330 kg 14-D8 eq 166.80574 kg 14-D8 eq 139.76034 kg 14-D8 eq 139.76034 kg 14-D8 eq 14.72616 kg 14-D8 eq 0.41614 kg 14-D8 eq 0.24364 kg 14-D8 eq 0.26364 kg 14-D8 eq -3.65746E-13 kg 14-D8 eq -3.65746E-14 kg 14-D8 eq -3.95956E-9 kg CFC-11 eq -3.93956E-9 kg CFC-11 eq -3.44246E-9 kg CFC-11 eq
09.89% 08.45% 05.59% 04.69% 02.08% 00.49% 00.17% 00.01% 00.00% 00.00% 00.00% 00.00% -00.00% -00.00% -00.00% -00.00% -00.00% -00.00% -00.00% -00.2% 0.2.35% 00.62% 00.02% 00.01%	styrene-acylonitrile copolymer production styrene-acylonitrile copolymer Cutoff, S - RER injection moulding injection moulding Cutoff, S - RER acrylonitrile-butadiene-styrene copolymer production acrylonitrile-butadiene-styrene copolymer Cutoff, S - RER market for corrugated board box corrugated board box Cutoff, S - RER market for corrugated board box corrugated board box Cutoff, S - RER transport, freight, lorry 35-7.5 metric ton, EURO6 transport, freight, lorry 35-7.5 metric ton, EURO6 Cutoff, S - RER transport, freight, lorry 35-7.5 metric ton, EURO6 transport, freight, lorry 35-7.5 metric ton, EURO6 Cutoff, S - RER sodium tripolyphosphate production sodium tripolyphosphate Cutoff, S - RER soap production soap Cutoff, S - RER market for relectricity, high voitage electricity, high voitage Cutoff, S - RER market for relectricity, high voitage electricity, high voitage Cutoff, S - GLO waste packaging paper, Recycled Content cut-off waste packaging paper Cutoff, S - GLO Process	294.72708 kg 1.4-D8 eq 251.65330 kg 1.4-D8 eq 139.76034 kg 1.4-D8 eq 139.76034 kg 1.4-D8 eq 139.76034 kg 1.4-D8 eq 0.42616 kg 1.4-D8 eq 0.41614 kg 1.4-D8 eq 0.24364 kg 1.4-D8 eq 0.24364 kg 1.4-D8 eq 0.24364 kg 1.4-D8 eq 0.20201 kg 1.4-D8 eq -3.65746E-13 kg 1.4-D8 eq -3.65746E-14 kg 1.4-D8 eq -3.7202E-11 kg CFC-11 eq -3.7294E-11 kg CFC-11
09.89% 08.45% 05.59% 04.69% 02.08% 00.49% 00.17% 00.01% 00.01% 00.00% 00.00% -00.00% -00.00% 44.23% 12.75% 12.41% 10.32% 07.34% 06.28% 04.22% 02.35% 00.06% 00.00%	 styrene-acrylonitrile copolymer production styrene-acrylonitrile copolymer Cutoff, S - RER injection moulding injection moulding Cutoff, S - RER acrylonitrile-butadiene-styrene copolymer production acrylonitrile-butadiene-styrene copolymer Cutoff, S - RER market for corrugated board box corrugated board box Cutoff, S - RER market for corrugated board box corrugated board box Cutoff, S - RER transport, freight, lorry 35-7.5 metric ton, EURO6 transport, freight, lorry 35-7.5 metric ton, EURO6 Cutoff, S - RER sodium tripolyphosphate production sodium tripolyphosphate Cutoff, S - RER soap production soap Cutoff, S - RER market for tap water Cutoff, S - Europe without Switzerland sodium chloride production, powder sodium chloride, powder Cutoff, S - RER market for electricity, high voltage electricity, high voltage Cutoff, S - RER market for container - RER Production of container - RER injection moulding injection moulding Cutoff, S - RER styrene-acrylonitrile copolymer production styrene-acrylonitrile copolymer Cutoff, S - RER market for paper, woodfree, uncoated Sums, woodfree, uncoated Cutoff, S - RER injection moulding injection moulding Cutoff, S - RER injection of container - RER injection moulding injection founding Cutoff, S - RER styrene-acrylonitrile copolymer production styrene-acrylonitrile copolymer Cutoff, S - RER insection polythylone terephthalate, for recycling, unsorted, sorting waste polythylene terephthalate, transport, freight, Iorry 32-metric ton, EURO6 transport, freight, Iorry 32-metri	254.72708 kg 14-D8 eq 251.85330 kg 14-D8 eq 166.80574 kg 14-D8 eq 139.76034 kg 14-D8 eq 139.76034 kg 14-D8 eq 14.72616 kg 14-D8 eq 0.41614 kg 14-D8 eq 0.24364 kg 14-D8 eq 0.24364 kg 14-D8 eq 0.24364 kg 14-D8 eq 0.24364 kg 14-D8 eq 0.08852 kg 14-D8 eq 0.08852 kg 14-D8 eq 0.365746E-13 kg 14-D8 eq -3.65746E-13 kg 14-D8 eq -3.65746E-13 kg 14-D8 eq 2.53020E-8 kg CFC-11 eq 2.53020E-8 kg CFC-11 eq 2.59059E-9 kg CFC-11 eq 3.99356E-9 kg CFC-11 eq 2.4174E-9 kg CFC-11 eq 1.34240E-9 kg CFC-11 eq 1.34240E-9 kg CFC-11 eq 1.37294E-11 kg CFC-11 eq 7.2151E-12 kg CFC-11 eq 2.79277E-12 kg CFC-11 eq
09.89% 08.45% 05.59% 04.69% 02.08% 00.49% 00.17% 00.01% 00.00% 00.00% 00.00% 00.00% • 100.00% • 100.00% • 44.23% 12.75% 12.41% 10.32% 07.34% 06.28% 04.42% 02.35% 00.06% 00.02% 00.00%	styrene-acylonitile copolymer production styrene-acylonitile copolymer Cutoff, S - RER injection moulding injection moulding Cutoff, S - RER acrylonitile-butadiene-styrene copolymer production acrylonitile-butadiene-styrene copolymer Cutoff, S - RER market for corrugated board box corrugated board box Cutoff, S - RER market for corrugated board box corrugated board box Cutoff, S - RER transport, freight, lorry 35-7.5 metric ton, EURO6 transport, freight, lorry 35-7.5 metric ton, EURO6 Cutoff, S - RER transport, freight, lorry 32-7.5 metric ton, EURO6 transport, freight, lorry 33-7.5 metric ton, EURO6 Cutoff, S - RER sodium tripolyphosphate production sodium tripolyphosphate Cutoff, S - RER soap production soap Cutoff, S - RER market for relectricity, high voltage electricity, high voltage Cutoff, S - RER market for relectricity, high voltage electricity, high voltage Cutoff, S - GLO Process Production of container - RER injection moulding injection moulding Cutoff, S - RER transport, freight, lorry 35-7.5 metric ton, EURO6 Cutoff, S - RER transport, freight, lorry 32-7.5 metric ton, EURO6 transport, freight, lorry 35-7.5 metric ton, EURO6 Cutoff, S - RER transport, freight, lorry -32.7 metric ton, EURO6 transport, freight, lorry 35-7.5 metric ton, EURO6 Cutoff, S - RER transport, freight, lorry -32.7 metric ton, EURO6 transport, freight, lorry	294.72708 kg 14-D8 eq 251.65330 kg 14-D8 eq 166.80574 kg 14-D8 eq 13976034 kg 14-D8 eq 14.72616 kg 14-D8 eq 0.41614 kg 14-D8 eq 0.41614 kg 14-D8 eq 0.24364 kg 14-D8 eq 0.24364 kg 14-D8 eq 0.24364 kg 14-D8 eq 0.20201 kg 14-D8 eq 0.20201 kg 14-D8 eq 0.20201 kg 14-D8 eq 0.20201 kg 14-D8 eq -3.65746E-13 kg 14-D8 eq -3.65746E-14 kg 14-D8 eq -3.7574E-14 kg CFC-11 eq -3.7927E-12 kg CFC-11 eq -3.927E-12 kg CFC-11 eq -3.927E
09.89% 08.45% 05.59% 04.69% 02.08% 00.49% 00.01% 00.01% 00.01% 00.00% 00.00% -00.00% -00.00% 44.23% 12.75% 12.41% 10.32% 07.34% 06.28% 04.22% 02.35% 00.06% 00.00% 00.	styreme acrylonitrile copolymer production styreme-acrylonitrile copolymer Cutoff, S - RER acrylonitrile-butadiene-styreme copolymer production acrylonitrile-butadiene-styreme copolymer Cutoff, S - RER acrylonitrile-butadiene-styreme copolymer production acrylonitrile-butadiene-styreme copolymer Cutoff, S - RER market for corrugated board box corrugated board box Cutoff, S - RER transport, freight, lorry 35-7.5 metric ton, EURO6 transport, freight, lorry 35-7.5 metric ton, EURO6 Cutoff, S - RER transport, freight, lorry 32: metric ton, EURO6 transport, freight, lorry 32: metric ton, EURO6 Cutoff, S - RER sodium tripolyphosphate production sodium tripolyphosphate Cutoff, S - RER soap production soap Cutoff, S - RER market for tap water Cutoff, S - RER market for each container - RER Production of container - RER Container - RER Production of container - RER Control of sodia Super, woodfree, uncoated Cutoff, S - RER Styreme-acrylonitrile copolymer production styrem-acrylonitrile copolymer Cutoff, S - RER Production of container - RER Production of container - RER Control of sodia styrem-acrylonitrile copolymer Cutoff, S - RER Styreme-acrylonitrile copolymer production styrem-acrylonitrile copolymer Cutoff, S - RER Production of container - RER Production of container - RER Production of container - RER Container	25472708 kg 14-D8 eq 2518530 kg 14-D8 eq 2518530 kg 14-D8 eq 13976034 kg 14-D8 eq 13976034 kg 14-D8 eq 1472616 kg 14-D8 eq 0.41614 kg 14-D8 eq 0.41614 kg 14-D8 eq 0.24364 kg 14-D8 eq 0.24364 kg 14-D8 eq 0.24364 kg 14-D8 eq 0.08852 kg 14-D8 eq 0.08852 kg 14-D8 eq 0.02001 kg 14-D8 eq -3.65746E-13 kg 14-D8 eq -3.65746E-13 kg 14-D8 eq -3.65746E-13 kg 14-D8 eq 2.53020E-8 kg CFC-11 eq 2.53020E-8 kg CFC-11 eq 2.590589E-9 kg CFC-11 eq 3.59356E-9 kg CFC-11 eq 2.41478E-9 kg CFC-11 eq 1.3246E-9 kg CFC-11 eq 1.3249E-9 kg CFC-11 eq 1.3249E-11 kg CFC-11 eq 2.72151E-12 kg CFC-11 eq
09.89% 08.45% 05.59% 04.69% 02.08% 00.49% 00.17% 00.01% 00.00% 00.00% 00.00% 00.00% × 100.00% 44.23% 12.75% 12.41% 10.32% 07.34% 06.28% 04.22% 02.35% 00.06% 00.02% 00.00% 00.00% -00.00%	 styrene-acrylonitrile copolymer production styrene-acrylonitrile copolymer Cutoff, S - RER injection moulding injection moulding Cutoff, S - RER acrylonitrile-butadiene-styrene copolymer production acrylonitrile-butadiene-styrene copolymer Cutoff, S - RER market for corrugated board box corrugated board box Cutoff, S - RER market for corrugated board box corrugated board box Cutoff, S - RER transport, freight, lony 35-7.5 metric ton, EURO6 transport, freight, lony 35-7.5 metric ton, EURO6 Cutoff, S - RER soap production soap Cutoff, S - RER soap production soap Cutoff, S - RER market for exparts and the styrene acrylonitrile copolymer Cutoff, S - RER soap production soap Cutoff, S - RER soap production soap Cutoff, S - RER market for electricity, high voltage electricity, high voltage Cutoff, S - RER market for electricity, high voltage electricity, high voltage Cutoff, S - GLO waste packaging paper, Recycled Content cut-off waste packaging paper Cutoff, S - RER injection moulding injection moulding Cutoff, S - RER injection moulding injection moulding Cutoff, S - RER transport, freight, lony 35-7.5 metric ton, EURO6 Cutoff, S - RER injection moulding injection moulding Cutoff, S - RER transport, freight, lony 35-7.5 metric ton, EURO6 transport, freight, lorry 35-7.5 metric ton, EURO6 Cutoff, S - RER transport, freight, lorry 32-7.5 metric ton, EURO6 Cutoff, S - RER transport, freight, lorry 32-7.5 metric ton, EURO6 Cutoff, S - RER transport, freight, lorry 32-7.5 metric ton, EURO6 Cutoff, S - RER transport, freight, lorry 32-7.5 metric ton, EURO6 transport, freight, lorry 35-7.5 metric ton, EURO6 Cutoff, S - RER transport,	294.72708 kg 1.4-D8 eq 251.8330 kg 1.4-D8 eq 166.80574 kg 1.4-D8 eq 13976034 kg 1.4-D8 eq 14.72616 kg 1.4-D8 eq 0.41614 kg 1.4-D8 eq 0.41614 kg 1.4-D8 eq 0.24364 kg 1.4-D8 eq 0.24364 kg 1.4-D8 eq 0.24364 kg 1.4-D8 eq 0.20201 kg 1.4-D8 eq 0.26364 kg 1.4-D8 eq 1.365746E-13 kg 1.4-D8 eq 2.365746E-13 kg 1.4-D8 eq 1.36964E-15 kg 1.4-D8 eq 1.36964E-15 kg 1.4-D1 eq 2.53020E-8 kg CFC-11 eq 7.29039E-9 kg CFC-11 eq 3.59356E-9 kg CFC-11 eq 2.41478E-9 kg CFC-11 eq 2.41478E-9 kg CFC-11 eq 1.37294E-11 kg CFC-11 eq 1.37294E-11 kg CFC-11 eq 1.37294E-11 kg CFC-11 eq 1.37294E-11 kg CFC-11 eq 1.37274E-12 kg CFC-11 eq 2.7927T-12 kg CFC-11 eq 2.7927T-12 kg CFC-11 eq 2.7927T-12 kg CFC-11 eq 2.6620E-13 kg CFC-11 eq
09.89% 08.45% 05.59% 04.69% 02.08% 00.49% 00.17% 00.01% 00.01% 00.00% -00.00% -00.00% 44.23% 12.75% 12.41% 10.32% 07.34% 06.28% 04.22% 02.35% 00.06% 00.00% -00.00% -00.00% -00.00%	 styrene-acrylonitrile copolymer production styrene-acrylonitrile copolymer Cutoff, S - RER acrylonitrile-butadiene-styrene copolymer production acrylonitrile-butadiene-styrene copolymer Cutoff, S - RER acrylonitrile-butadiene-styrene copolymer production acrylonitrile-butadiene-styrene copolymer Cutoff, S - RER market for corrugated board box corrugated board box Cutoff, S - RER transport, freight, lorry 3-7.5 metric tone, EURO6 transport, freight, lorry 35-7.5 metric tone, EURO6 Cutoff, S - RER sodium tripolyphosphate production sodium tripolyphosphate Cutoff, S - RER sodium chloride production, powder sodium chloride, powder Cutoff, S - RER market for tap water Cutoff, S - Europe without Switzerland sodium chloride production, powder sodium chloride, powder Cutoff, S - RER market for tap water Cutoff, S - Europe without Switzerland sodium chloride production, powder sodium chloride, powder Cutoff, S - RER market for etap water Cutoff, S - Europe without Switzerland sodium chloride production, powder sodium chloride, powder Cutoff, S - GLO waste paperboard, sorted, Recycled Content cut-off waste paperboard, sorted Cutoff, S - GLO Process Production of container - RER injection moulding injection moulding Cutoff, S - RER transport, freight, Jorry 35-7.5 metric ton, EURO6 transport, freight, Jorry 35-7.5 metric ton, EURO6 Cutoff, S - RER transport, freight, Jorry 35-7.5 metric ton, EURO6 transport, freight, Jorry 35-7.5 metric ton, EURO6 Cutoff, S - RER transport, freight, Jorry 35-7.5 metric ton, EURO6 transport, freight, Jorry 35-7.5 metric ton, EURO6 Cutoff, S - RER transport, freight, Jorry 35-7.5 metric ton, EURO6 transport, freight, Jorry 35-7.5 metric ton, EURO6 Cutoff, S - RER transport, freight, Jorry 35-7.5 metric ton, EURO6 transport, f	294.72708 kg 14-D8 eq 251.85330 kg 14-D8 eq 136.80574 kg 14-D8 eq 139.76034 kg 14-D8 eq 139.76034 kg 14-D8 eq 14.72616 kg 14-D8 eq 0.41614 kg 14-D8 eq 0.41614 kg 14-D8 eq 0.24364 kg 14-D8 eq 0.24364 kg 14-D8 eq 0.24364 kg 14-D8 eq 0.08852 kg 14-D8 eq 0.08852 kg 14-D8 eq 0.365746E-13 kg 14-D8 eq -3.65746E-13 kg 14-D8 eq -3.65746E-14 kg 14-D8 eq -3.65746E-14 kg 14-D8 eq -3.65746E-14 kg 14-D8 eq -3.65746E-14 kg 14-D8 eq -3.93956E-9 kg CFC-11 eq 2.41478E-9 kg CFC-11 eq 1.34240E-9 kg CFC-11 eq 1.37294E-11 kg CFC-11 eq 1.37294E-11 kg CFC-11 eq -3.79277E-12 kg CFC-11 eq 2.79277E-12 kg CFC-11 eq -3.95615E-25 kg CFC-11 eq -3.95615E-25 kg CFC-11 eq -3.95615E-25 kg CFC-11 eq -3.95162E-24 kg CFC-11 eq

Contribution	Process		Amount Unit
✓ 100.00%	P Production of container - RER	-	0.00025 kg C2H4 eq
42.99%	styrene-acrylonitrile copolymer production styrene-acrylonitrile copolymer Cutoff, S - RER		0.00011 kg C2H4 ed
20.28%	P acrylonitrile-butadiene-styrene copolymer production acrylonitrile-butadiene-styrene copolymer	Cutoff, S - RER	5.12443E-5 kg C2H4 ec
19.28%	injection moulding injection moulding Cutoff, S - RER	1	4.87130E-5 kg C2H4 ed
08.64%	market for paper, woodfree, uncoated paper, woodfree, uncoated Cutoff, S - RER		2.18306E-5 kg C2H4 ed
03.87%	treatment of waste polyethylene terephthalate, for recycling, unsorted, sorting waste polyethylene	e terephthalate,	9.77609E-6 kg C2H4 ed
02.67%	transport, freight, lorry 3.5-7.5 metric ton, EURO6 transport, freight, lorry 3.5-7.5 metric ton, EURO6	5 Cutoff, S - RER	6.75696E-6 kg C2H4 ed
01.11%	transport, freight, lorry >32 metric ton, EURO6 transport, freight, lorry >32 metric ton, EURO6 Cut	toff, S - RER	2.81212E-6 kg C2H4 ed
01.00%	market for corrugated board box corrugated board box Cutoff, S - RER		2.53016E-6 kg C2H4 ed
00.11%	soap production soap Cutoff, S - RER		2.76006E-7 kg C2H4 ec
00.03%	sodium tripolyphosphate production sodium tripolyphosphate Cutoff, S - RER		6.37800E-8 kg C2H4 eq
00.01%	market for tap water tap water Cutoff, S - Europe without Switzerland		2.28882E-8 kg C2H4 eq
00.00%	sodium chloride production, powder sodium chloride, powder Cutoff, S - RER		9.87292E-9 kg C2H4 eq
00.00%	market for electricity, high voltage electricity, high voltage Cutoff, S - DE		8.96778E-10 kg C2H4 eq
-00.00%	waste paperboard, sorted, Recycled Content cut-off waste paperboard, sorted Cutoff, S - GLO		-8.58746E-22 kg C2H4 ec
-00.00%	waste packaging paper. Recycled Content cut-off waste packaging paper Cutoff, S - GLO		-1.34035E-20 kg C2H4 ec
. 100.00%	P Ductor of an advantage DED	0.000	Amount Onit
	12.		
✓ 100.00%	P Production of container - RER	2 - 2	0.00233 kg 1,4-DB eq
46.05%	soap production soap Cutoff, S - RER		0.00107 kg 1.4-DP eg
40.0376			0.00107 kg 1,4-00 eq
16.96%	market for paper, woodfree, uncoated paper, woodfree, uncoated Cutoff, S - RER		0.00040 kg 1,4-DB eq
16.96% 16.12%	 market for paper, woodfree, uncoated paper, woodfree, uncoated Cutoff, S - RER injection moulding injection moulding Cutoff, S - RER 	1	0.00040 kg 1,4-DB eq 0.00038 kg 1,4-DB eq
16.96% 16.12% 08.98%	 market for paper, woodfree, uncoated paper, woodfree, uncoated Cutoff, S - RER injection moulding injection moulding Cutoff, S - RER treatment of waste polyethylene terephthalate, for recycling, unsorted, sorting waste polyethylene t 	terephthalate,	0.00040 kg 1,4-DB eq 0.00038 kg 1,4-DB eq 0.00038 kg 1,4-DB eq 0.00021 kg 1,4-DB eq
16.96% 16.12% 08.98% 04.16%	 market for paper, woodfree, uncoated paper, woodfree, uncoated Cutoff, S - RER injection moulding injection moulding Cutoff, S - RER treatment of waste polyethylene terephthalate, for recycling, unsorted, sorting waste polyethylene terephthalate, for recycling, exclosing waste polyethylene terephthalate, for recycling, unsorted, sorting waste polyethylene terephthalate 	terephthalate, '	0.0016 kg 1,4-DB eq 0.00038 kg 1,4-DB eq 0.00038 kg 1,4-DB eq 9.70031E-5 kg 1,4-DB eq
16.96% 16.12% 08.98% 04.16% 02.68%	 market for paper, woodfree, uncoated paper, woodfree, uncoated Cutoff, S - RER injection moulding injection moulding Cutoff, S - RER treatment of waste polyethylene terephthalate, for recycling, unsorted, sorting waste polyethylene t styrene-acrylonitrile copolymer production styrene-acrylonitrile copolymer Cutoff, S - RER transport, freight, lorry 3.5-7.5 metric ton, EURO6 transport, freight, lorry 3.5-7.5 metric ton, EURO6 	terephthalate, '	0.00040 kg 1,4-DB eq 0.00040 kg 1,4-DB eq 0.00021 kg 1,4-DB eq 9.70031E-5 kg 1,4-DB eq 6.26023E-5 kg 1,4-DB eq
16.96% 16.12% 08.98% 04.16% 02.68% 01.95%	 market for paper, woodfree, uncoated paper, woodfree, uncoated Cutoff, S - RER injection moulding injection moulding Cutoff, S - RER treatment of waste polyethylene terephthalate, for recycling, unsorted, sorting waste polyethylene t styrene-acrylonitrile copolymer production styrene-acrylonitrile copolymer Cutoff, S - RER transport, freight, lorry 35-7.5 metric ton, EURO6 transport, freight, lorry 35-7.5 metric ton, EURO6 	terephthalate, ' Cutoff, S - RER '	0.00040 kg 1,4-DB eq 0.00038 kg 1,4-DB eq 0.00021 kg 1,4-DB eq 9.70031E-5 kg 1,4-DB eq 6.26023E-5 kg 1,4-DB eq 4.55786E-5 kg 1,4-DB eq
16.96% 16.12% 08.98% 04.16% 02.68% 01.95% 01.88%	 market for paper, woodfree, uncoated paper, woodfree, uncoated Cutoff, S - RER injection moulding injection moulding Cutoff, S - RER treatment of waste polyethylene terephthalate, for recycling, unsorted, sorting waste polyethylene trest styrene-acrylonitrile copolymer Cutoff, S - RER transport, freight, lorry 3.5-7.5 metric ton, EURO6 transport, freight, lorry 3.5-7.5 metric ton, EURO6 market for corrugated board board board board board board cutoff, S - RER acrylonitrile-butadiene-styrene copolymer production acrylonitrile-butadiene-styrene copolymer 0 	I Cutoff, S - RER	0.00040 kg (+D.8 cg 0.00034 kg 1.4-D8 eq 0.00038 kg 1.4-D8 eq 9.00031E-5 kg 1.4-D8 eq 6.26023E-5 kg 1.4-D8 eq 4.55786E-5 kg 1.4-D8 eq 4.352786E-5 kg 1.4-D8 eq 4.352266E-5 kg 1.4-D8 eq
16.96% 16.12% 08.98% 04.16% 02.68% 01.95% 01.88% 01.15%	 market for paper, woodfree, uncoated paper, woodfree, uncoated Cutoff, S - RER injection moulding injection moulding Cutoff, S - RER treatment of waste polyethylene terephthalate, for recycling, unsorted, sorting waste polyethylene t styrene-acrylonitrile copolymer production styrene-acrylonitrile copolymer Cutoff, S - RER transport, freight, lorry 3.5-7.5 metric ton, EURO6 transport, freight, lorry 3.5-7.5 metric ton, EURO6 market for corrugated board box corrugated board box Cutoff, S - RER acrylonitrile-obtadiene-styrene copolymer production acrylonitrile-butadiene-styrene copolymer 0 transport, freight, lorry 3.2 metric ton, EURO6 transport, freight, lorry 3.2 metric ton, EURO6 Cuto 	terephthalate, ' Cutoff, S - RER Cutoff, S - RER 	0.00040 kg (14-DB eq 0.00038 kg 14-DB eq 0.00021 kg 14-DB eq 9.70031E-5 kg 14-DB eq 6.26023E-5 kg 14-DB eq 4.35786E-5 kg 14-DB eq 4.39236E-5 kg 14-DB eq 2.67372E-5 kg 14-DB eq
16.95% 16.12% 08.98% 04.16% 02.68% 01.95% 01.88% 01.15% 00.03%	 market for paper, woodfree, uncoated paper, woodfree, uncoated Cutoff, S - RER injection moulding injection moulding Cutoff, S - RER injection moulding injection moulding Cutoff, S - RER treatment of waste polyethylene terephthalate, for recycling, unsorted, sorting waste polyethylene ter styrene-acrylonitrile copolymer production styrene-acrylonitrile copolymer Cutoff, S - RER transport, freight, lorry 35-75, metric ton, EURO6 transport, freight, lorry 35-75, metric ton, EURO6 market for corrugated board box corrugated board box Cutoff, S - RER transport, freight, lorry >32, metric ton, EURO6 transport, freight, lorry >32, metric ton, EURO6 transport, for ight, lorry >32, metric ton, EURO6 transport, whitereland market for tap water ga water Cutoff, S - Europe without Switzerland 	terephthalate, ' Cutoff, S - RER Cutoff, S - RER ff, S - RER	0.00040 kg 1,4-D8 eq 0.00021 kg 1,4-D8 eq 9.70031E-5 kg 1,4-D8 eq 6.26023E-5 kg 1,4-D8 eq 4.55786E-5 kg 1,4-D8 eq 4.59786E-5 kg 1,4-D8 eq 8.13394E-7 kg 1,4-D8 eq 8.13394E-7 kg 1,4-D8 eq
16.96% 16.12% 08.98% 04.16% 02.68% 01.95% 01.88% 01.15% 00.03%	 market for paper, woodfree, uncoated paper, woodfree, uncoated Cutoff, S - RER injection moulding injection moulding Cutoff, S - RER It reatment of waste polyethylene terephthalate, for recycling, unsorted, sorting waste polyethylene treatment of waste polyethylene terephthalate, for recycling, unsorted, sorting waste polyethylene treatment of transport, freight, lorry 3.5-7.5 metric ton, EURO6 transport, freight, lorry 3.5-7.5 metric ton, EURO6 market for corrugated board boar corrugated board boar cutoff, S - RER acrylonitrile-butadiene-styrene copolymer production acylonitrile-butadiene-styrene copolymer 0 transport, freight, lorry >3.2 metric ton, EURO6 transport, freight, lorry >3.2 metric ton, EURO6 Cutoff, S - RER acrylonitrile-butadiene-styrene copolymer production acylonitrile-butadiene-styrene copolymer 0 transport, freight, lorry >3.2 metric ton, EURO6 transport, freight, lorry >3.2 metric ton, EURO6 Cutoff, S - RER sodium tripolyphosphate production sodium tripolyphosphate Cutoff, S - RER 	Cutoff, S - RER Cutoff, S - RER Cutoff, S - RER	0.00040 kg 1,4-D8 eq 0.00038 kg 1,4-D8 eq 0.00031 kg 1,4-D8 eq 9.00031-5 kg 1,4-D8 eq 4.55786E-5 kg 1,4-D8 eq 4.352786E-5 kg 1,4-D8 eq 2,67372E-5 kg 1,4-D8 eq 8,13394E-7 kg 1,4-D8 eq 9,13394E-7 kg 1,4-D8 eq 9,13394E-7 kg 1,4-D8 eq
16.96% 16.12% 08.98% 04.16% 02.68% 01.95% 01.88% 01.15% 00.03% 00.03%	 market for paper, woodfree, uncoated paper, woodfree, uncoated Cutoff, S - RER injection moulding injection moulding Cutoff, S - RER treatment of waste polyethylene terephthalate, for recycling, unsorted, sorting s.F.R. transport, freight, lorry 3.5-7.5 metric ton, EURO6 transport, freight, lorry 3.5-7.5 metric ton, EURO6 transport, freight, lorry >3.2 me	Cutoff, S - RER ff, S - RER ff, S - RER	0.00040 kg 1,4-D8 eq 0.00038 kg 1,4-D8 eq 0.00021 kg 1,4-D8 eq 9.70031E-5 kg 1,4-D8 eq 4.55786E-5 kg 1,4-D8 eq 4.39226E-5 kg 1,4-D8 eq 2.67372E-5 kg 1,4-D8 eq 8.13394E-7 kg 1,4-D8 eq 5.97709E-7 kg 1,4-D8 eq 1,47281E-7 kg 1,4-D8 eq 1,47281E-7 kg 1,4-D8 eq
16.96% 16.12% 08.98% 04.16% 02.68% 01.95% 01.88% 01.15% 00.03% 00.03% 00.03%	 market for paper, woodfree, uncoated paper, woodfree, uncoated Cutoff, S - RER injection moulding injection moulding Cutoff, S - RER treatment of waste polyethylene terephthalate, for recycling, unsorted, sorting sorting = 5-7.5 metric ton, EURO6 transport, freight, lorry 3-5-7.5 metric ton, EURO6 Cutoff, S - RER acrylonitrile-butadiene-styrene copolymer production acrylonitrile-butadiene-styrene copolymer Gutoff, S - RER arakrek for tap water tap water Cutoff, S - Europe without Switzerland sodium tipolybhosphate production sodium tripolybhosphate Cutoff, S - RER sodium chloride production, powder sodium chloride, powder Cutoff, S - RER market for electricity, high voltage Eutcritish, high voltage Cutoff, S - DE 	terephthalate, ' Cutoff, S - RER Cutoff, S - RER If, S - RER	0.00010 kg 1,4-D8 eq 0.00021 kg 1,4-D8 eq 9.00031 kg 1,4-D8 eq 9.000312 kg 1,4-D8 eq 4.55786E-5 kg 1,4-D8 eq 4.352786E-5 kg 1,4-D8 eq 2.675772E-5 kg 1,4-D8 eq 8.13394E-7 kg 1,4-D8 eq 1,47281E-7 kg 1,4-D8 eq 1,47281E-7 kg 1,4-D8 eq 1,47281E-7 kg 1,4-D8 eq
16.96% 16.12% 08.98% 04.16% 02.68% 01.95% 01.88% 01.15% 00.03% 00.03% 00.01% 00.00%	 market for paper, woodfree, uncoated paper, woodfree, uncoated Cutoff, S - RER injection moulding injection moulding Cutoff, S - RER treatment of waste polyethylene terephthalate, for recycling, unsorted, sorting so	Cutoff, S - RER Cutoff, S - RER Cutoff, S - RER ff, S - RER	0.00040 kg 1.4-DB eq 0.00038 kg 1.4-DB eq 0.00038 kg 1.4-DB eq 9.70031E-5 kg 1.4-DB eq 4.55786E-5 kg 1.4-DB eq 4.55786E-5 kg 1.4-DB eq 2.67372E-5 kg 1.4-DB eq 8.13394E-7 kg 1.4-DB eq 1.47281E-7 kg 1.4-DB eq 1.47281E-7 kg 1.4-DB eq 1.47281E-7 kg 1.4-DB eq 1.25553E-21 kg 1.4-DB eq 1.25553E-21 kg 1.4-DB eq

Apx. 3 – Impact Category Results

Name		Category			Impact result	Unit
IE Terrestrial ecotoxicity					0.00233	kg 1,4-D
✓ IE Abiotic depletion (fossil fuels)					19.48674	MJ
> P styrene-acrylonitrile copolymer production styrene-ac	rylonitrile copolyn	201:Manufacture of b	oasic chemicals, fertilize.		10.27383	MJ
> P acrylonitrile-butadiene-styrene copolymer production	acrylonitrile-buta	201:Manufacture of b	oasic chemicals, fertilize.		4.31788	MJ
P injection moulding injection moulding Cutoff, S - RE	R	222:Manufacture of p	plastics products / 2220:.	1	2,57653	MJ
P market for paper woodfree uncoated paper woodfree	e uncoated I Cuto	170:Manufacture of r	paper and paper produc	- I	0.66526	MI
P transport freight lorn/35-75 metric ton EURO6 I transport	sport freight lorn	192:Other land trans	oort / 4923:Ereight trans	1	0.61651	MI
P transport, freight, iony 5.5-7.5 metric ton, Eokoo transport, Freight, iony 5.5-7.5 metric ton, Eokoo transport, for register and the second	sport, reight, forry	201/Masta collection	/ 2011/ Glastian of no		0.01031	MI
> P treatment of waste polyethylene terephthalate, for recy	cinig, unsorteu, so	so i. waste conection	/ 5611.Collection of no.	•	0.39473	IVIJ
P transport, freight, lorry >32 metric ton, EURO6 transport	ort, freight, lorry >3	492:Other land transp	port / 4923:Freight trans.		0.29407	MJ
 IE Marine aquatic ecotoxicity 					2981.42594	kg 1,4-D
P treatment of waste polyethylene terephthalate, for recy	cling, unsorted, so	381:Waste collection	/ 3811:Collection of no.		2045.58423	kg 1,4-D
> P styrene-acrylonitrile copolymer production styrene-acrylonitrile copolymer producti styrene-acrylonitrile copolymer production styrene-acryloni	rylonitrile copolyn	201:Manufacture of b	oasic chemicals, fertilize.		294.72708	kg 1,4-D
> P injection moulding injection moulding Cutoff, S - RE	R	222:Manufacture of p	plastics products / 2220:.		251.85330	kg 1,4-D
> P acrylonitrile-butadiene-styrene copolymer production	acrylonitrile-buta	201:Manufacture of b	oasic chemicals, fertilize.	. 1	166.80574	kg 1,4-D
P market for paper, woodfree, uncoated paper, woodfree	e. uncoated Cuto	170:Manufacture of r	paper and paper produc	1	139,76034	ka 1.4-D
P market for corrugated board box corrugated board b	ox Cutoff S - REE	170:Manufacture of r	paper and paper produc	1	62 00704	kg 14-D
F Human tovicity	ox peaton, o nei	in olimanaractare or p	super and paper produc		0.20567	kg 1.4 D
 P transformert of unote a clustering to a cluster	attent over a start of	201 Marta and anti-			0.29307	kg 1,4-D
> P treatment of waste polyethylene terephthalate, for rec	/cling, unsortea, so -	381:waste collection	/ 3811:Collection of no.	• [0.10355	kg 1,4-D
P injection moulding injection moulding Cutoff, S - RE	R	222:Manufacture of p	plastics products / 2220:.		0.07720	kg 1,4-D
P styrene-acrylonitrile copolymer production styrene-acrylonitrile	rylonitrile copolyn	201:Manufacture of k	pasic chemicals, fertilize.		0.04038	kg 1,4-D
> P market for paper, woodfree, uncoated paper, woodfree	ee, uncoated Cuto	170:Manufacture of p	paper and paper produc		0.02674	kg 1,4-D
> P acrylonitrile-butadiene-styrene copolymer production	acrylonitrile-buta	201:Manufacture of b	oasic chemicals, fertilize.	. 1	0.02154	kg 1,4-D
> P transport, freight, lorry 3.5-7.5 metric ton, EURO6 trans	sport, freight, lorry	492:Other land transp	port / 4923:Freight trans.	. 1	0.01268	kg 1,4-D
				1		
P transport, freight, lorry >32 metric ton, FURO6 transport	ort, freight, lorry >3	492:Other land transp	port / 4923:Freight trans.		0.00/41	ka 1.4-D
P transport, freight, lorry >32 metric ton, EURO6 transport P market for corrugated board box corrugated board box	ort, freight, lorry >3 ox Cutoff, S - RFF	492:Other land transp 170:Manufacture of r	port / 4923:Freight trans.	•	0.00741	kg 1,4-D
P transport, freight, lorry >32 metric ton, EURO6 transport P market for corrugated board box corrugated board b	ort, freight, lorry >3 ox Cutoff, S - REF	492:Other land transp 170:Manufacture of p	port / 4923:Freight trans. Daper and paper produc		0.00741 0.00565	kg 1,4-D kg 1,4-D
P transport, freight, lorry >32 metric ton, EURO6 transport P market for corrugated board box corrugated board b Name	ort, freight, lorry >3 ox Cutoff, S - REF Category	492:Other land transp 170:Manufacture of p	port / 4923:Freight trans. paper and paper produc. Inventory result	Impact factor	0.00/41 0.00565 Impact resu	kg 1,4-D kg 1,4-D ilt Unit
P transport, freight, lorry >32 metric ton, EURO6 transport P market for corrugated board box corrugated board b Name E Photochemical oxidation	ort, freight, lorry >3 ox Cutoff, S - REF Category	492:Other land transp 170:Manufacture of p	port / 4923:Freight trans. paper and paper produc	Impact factor	0.00741 0.00565 Impact resu 0.000	kg 1,4-D kg 1,4-D Jt Unit 25 kg C2H4
P transport, freight, lorry >32 metric ton, EURO6 transport P market for corrugated board box corrugated board b Name E Photochemical oxidation P styrene-acrylonitrile copolymer production styrene-acrylonitrile copolymer	ort, freight, lorry >3 ox Cutoff, S - REF Category n 201:Manufacture of b	492:Other land transp 170:Manufacture of p asic chemicals, fertilize	port / 4923:Freight trans. paper and paper produc	Impact factor	0.00741 0.00565 Impact resu 0.000 0.000	kg 1,4-D kg 1,4-D alt Unit 25 kg C2H4 11 kg C2H4
P transport, freight, lorry >32 metric ton, EURO6 transport P market for corrugated board box corrugated board b Name E Photochemical oxidation P styrene-acrylonitrile copolymer production styrene-acrylonitrile-but P acrylonitrile-butadiene-styrene copolymer production acrylonitrile-but P acrylonitrile-butadiene-styrene copolymer production acrylonitrile-but P acrylonitrile-butadiene-styrene copolymer production acrylonitrile-but P acrylonitrile-butadiene-styrene copolymer production acrylonitrile-but	ort, freight, lorry >3 ox Cutoff, S - REF Category n 201:Manufacture of b a 201:Manufacture of b 232:Manufacture of b	492:Other land transp 170:Manufacture of p asic chemicals, fertilize asic chemicals, fertilize	port / 4923:Freight trans. paper and paper produc	Impact factor	0.00/41 0.00565 Impact resu 0.000 0.000 5.12443E	kg 1,4-D kg 1,4-D ult Unit 25 kg C2H4 11 kg C2H4 -5 kg C2H4
P transport, freight, lorry >32 metric ton, EURO6 transport P market for corrugated board box corrugated board b Name EPhotochemical oxidation P styrene-acrylonitrile copolymer production styrene-acrylonitrile copoly P acrylonitrile-butadiene-styrene copolymer production acrylonitrile-but P injection moulding injection moulding Cutoff, S - RER P moreflee uncoaffee uncoaffee uncoaffee uncoaffee (Compared Lance	ort, freight, lorry >3 ox Cutoff, S - REF Category n 201:Manufacture of b a 201:Manufacture of b 222:Manufacture of p r 170:Manufacture of p	492:Other land transp 170:Manufacture of p asic chemicals, fertilize asic chemicals, fertilize lastics products / 2220 ager and nace produc	port / 4923:Freight trans. paper and paper produc Inventory result	Impact factor	0.00741 0.00565 Impact rest 0.000 0.000 5.12443E 4.87130E 2.1830E	kg 1,4-D kg 1,4-D ult Unit 25 kg C2H4 11 kg C2H4 -5 kg C2H4 -5 kg C2H4 -5 kg C2H4
P transport, freight, lorry >32 metric ton, EURO6 transport P market for corrugated board box corrugated board b Name E Photochemical oxidation P styrene-acrylonitrile copolymer production styrene-acrylonitrile copoly P acrylonitrile-butadiene-styrene copolymer production acrylonitrile-but P injection moulding injection moulding Cutoff, S - RER P market for paper, woodfree, uncoated paper, woodfree, uncoated Cu P treenthent of waste polyethydene terephthalate, for recycling, uncoated Cu	ort, freight, lorry > 2 ox Cutoff, S - REF Category n 201:Manufacture of b a 201:Manufacture of p 222:Manufacture of p cx 170:Manufacture of p o 381:Waste collection	492:Other land transp 170:Manufacture of p asic chemicals, fertilize lastics products / 2220 aper and paper produc / 3811:Collection of no	oort / 4923:Freight trans. oaper and paper produc	Impact factor	0.00/41 0.00565 Impact rest 0.000 0.000 5.12443E 4.87130E 2.18306E 9.77609E	kg 1,4-D kg 1,4-D lz5 kg C2H4 l1 kg C2H4 -5 kg C2H4 -5 kg C2H4 -5 kg C2H4 -6 kg C2H4
> P transport, freight, lorry >32 metric ton, EURO6 transport > P market for corrugated board box corrugated board box Name	ort, freight, lorry > 5 ox Cutoff, S - REF Category n 201:Manufacture of b 222:Manufacture of p ix 170:Manufacture of p o 381:Waste collection o 381:Waste collection	492:Other land transp 170:Manufacture of p asic chemicals, fertilize lastics products / 2220 aper and paper produc / 381:Collection of no ord / 4923:Freight trans	port / 4923:Freight trans. paper and paper produc	Impact factor	0.00741 0.00565 Impact resi 0.000 0.000 0.000 0.12438 4.87130 2.18306 9.77609E 6.75696E	kg 1,4-D kg 1,4-D lt Unit l25 kg C2H4 11 kg C2H4 -5 kg C2H4 -5 kg C2H4 -6 kg C2H4 -6 kg C2H4
P transport, freight, lorry >32 metric ton, EURO6 transport P market for corrugated board box corrugated board box Name E Photochemical oxidation P styrene-acrylonitrile copolymer production styrene-acrylonitrile copoly P acrylonitrile-butadiene-styrene copolymer production acrylonitrile-but P injection moulding injection moulding Cutoff, S - RER P market for paper, woodfree, uncoated paper, woodfree, uncoated Cu P treatment of waste polyethylene terephthalate, for recycling, unsorted, s P transport, freight, lorry 32-75 metric ton, EURO6 transport, freight, lorry P transport, freight, lorry >32 metric ton, EURO6 transport, freight, lorry	ort, freight, lorry > 2 ox Cutoff, S - REF Category n 201:Manufacture of b 222:Manufacture of p 222:Manufacture of p o 381:Waste collection y 492:Other land transp 492:Other land transp	492:Other land transp 170:Manufacture of p asic chemicals, fertilize lastics products / 2220 aper and paper produc / 3811:Collection of no oort / 4923:Freight trans ort / 4923:Freight trans	port / 4923:Freight trans. paper and paper produc	Impact factor	0.00/41 0.00565 Impact rest 0.000 0.000 0.000 0.000 5.124438 4.871306 9.776096 6.756966 2.81212E	kg 1,4-D kg 1,4-D ult Unit 25 kg C2H4 -5 kg C2H4 -5 kg C2H4 -5 kg C2H4 -6 kg C2H4 -6 kg C2H4 -6 kg C2H4
P transport, freight, lorry >32 metric ton, EURO6 transport P market for corrugated board box corrugated board bo Name E Photochemical oxidation P styrene-acrylonitrile copolymer production styrene-acrylonitrile copoly P acrylonitrile-butadiene-styrene copolymer production acrylonitrile-but P injection moulding futorff, S - RE P market for paper, woodfree, uncoated paper, woodfree, uncoated Cu P treatment of waste polyethylene terephthalate, for recycling, unsorted, s P transport, freight, lorry >32-metric ton, EURO6 transport, freight, lorry P market for corrugated board box corrugated board box Cutoff, S - RE	ort, freight, lorry > 2 ox Cutoff, S - REF Category n 201:Manufacture of b a 201:Manufacture of b 222:Manufacture of p x 170:Manufacture of p o 381:Waste collection y 492:Other land transp F 170:Manufacture of p	492:Other land trans; 170:Manufacture of p asic chemicals, fertilize lastics products / 2220 aper and paper produc / 3811:Collection of no ord / 4923:Freight trans aper and paper produc	port / 4923:Freight trans. paper and paper produc	Impact factor	0.00/41 0.00565 Impact rest 0.000 0.000 5.124438 4.871300 2.183060 9.776096 6.756966 2.812122 2.530160	kg 1,4-D kg 1,4-D ult Unit 25 kg C2H4 -5 kg C2H4 -5 kg C2H4 -6 kg C2H4 -6 kg C2H4 -6 kg C2H4 -6 kg C2H4
P transport, freight, lorry >32 metric ton, EURO6 transport P market for corrugated board box corrugated board box P styrene-acrylonitrile copolymer production styrene-acrylonitrile copoly P acrylonitrile-butadiene-styrene copolymer production acrylonitrile-but P injection moulding injection moulding Cutoff, S - RER P market for paper, woodfree, uncoated paper, woodfree, uncoated Cu P transport, freight, lorry >32-7.5 metric ton, EURO6 transport, freight, lorry P transport, freight, lorry >32 metric ton, EURO6 transport, freight, lorry P transport, freight, lorry >32 metric ton, EURO6 transport, freight, lorry P market for corrugated board box corrugated board box Cutoff, S - RE V El Ozone layer depletion (ODP)	ort, freight, lorry > 2 ox Cutoff, S - REF Category n 201:Manufacture of b 222:Manufacture of p 222:Manufacture of p 381:Waste collection y 492:Other land transp 5 492:Other land transp 5 170:Manufacture of p	492:Other land transp 170:Manufacture of p asic chemicals, fertilize lastics products / 2220 aper and paper produc / 3811:Collection of no out / 4923:Freight trans aper and paper produc	port / 4923:Freight trans. paper and paper produc	Impact factor	0.00741 0.00565 Impact rest 0.000 5.124438 4.871300 2.18306 9.776096 6.756966 2.81272 2.530166 5.720036	kg 1,4-D kg 1,4-D alt Unit 25 kg C2H4 11 kg C2H4 55 kg C2H4 55 kg C2H4 55 kg C2H4 56 kg C2H4 66 kg C2H4 66 kg C2H4 66 kg C2H4 66 kg C2H4 86 kg CFC-1
 P transport, freight, lorry >32 metric ton, EURO6 transport P market for corrugated board box corrugated board box P styrene-acrylonitrile copolymer production styrene-acrylonitrile copoly P acrylonitrile-butation P injection moulding injection moulding Cutoff, S - RER P market for paper, woodfree, uncoated paper, woodfree, uncoated Cu P transport, freight, lory 33-7.5 metric ton, EURO6 transport, freight, lory P transport, freight, lory >32-7.5 metric ton, EURO6 transport, freight, lory > P market for corrugated board box corrugated board box Cutoff, S - RE P transport, freight, lory >32-7.5 metric ton, EURO6 transport, freight, lory > P market for corrugated board box corrugated board box Cutoff, S - RE P transport, freight, lory >32-7.5 metric ton, EURO6 transport, freight, lory > P market for corrugated board box corrugated board box Cutoff, S - RE P tansport, freight, lory >32-7.5 metric ton, EURO6 transport, freight, lory > P market for corrugated board box Cutoff, S - RE 	ort, freight, lorry > 2 ox Cutoff, S - REF Category n 201:Manufacture of b 222:Manufacture of p 222:Manufacture of p 381:Waste collection y 492:Other land transp 5 492:Other land transp 5 170:Manufacture of p	492:Other land transp 170:Manufacture of p asic chemicals, fertilize lastics products / 2220 aper and paper produc / 3811:Collection of no tort / 4923:Freight trans aper and paper produc lastics products / 2220 lastics products / 2220	port / 4923:Freight trans. paper and paper product	Impact factor	0.00741 0.00565 Impact resi 0.000 0.000 5.12443 4.87130E 9.77609E 6.75696E 2.81212 2.53016E 5.72003E 2.53006E	kg 1,4-D kg 1,4-D lat Unit 25 kg C2H4 11 kg C2H4 55 kg C2H4 55 kg C2H4 56 kg C2H4 66 kg C2H4 66 kg C2H4 66 kg C2H4 66 kg C2H4 86 kg CFC-1 88 kg CFC-1
> P transport, freight, lorry >32 metric ton, EURO6 transport > P market for corrugated board box corrugated board box Name	ort, freight, lorry > 2 ox Cutoff, S - REF Category n 201:Manufacture of b 222:Manufacture of p 381:Waste collection 949:Other land transp 5 492:Other land transp 5 170:Manufacture of p 222:Manufacture of p 222:Manufacture of p 222:Manufacture of p	492:Other land transp 170:Manufacture of p asic chemicals, fertilize lastics products / 2220 aper and paper produc / 3811:Collection of no oort / 4923:Freight trans aper and paper produc lastics products / 2220 oort / 4923:Freight trans aper and paper produc	port / 4923:Freight trans, paper and paper produc	Impact factor	0.00741 0.00565 Impact resi 0.000 0.000 0.000 0.12438 4.87130E 2.18306 9.77609E 6.75696E 2.81212E 2.53016 5.72038 2.53020E 7.29039E 7.29039E	kg 1,4-D kg 1,4-D kg 1,4-D it Unit 25 kg C2H4 55 kg C2H4 55 kg C2H4 56 kg C2H4 66 kg C2H4 66 kg C2H4 66 kg C2H4 88 kg CFC-1 88 kg CFC-1 9 kg CFC-1 9 kg CFC-1 9 kg CFC-1
P transport, freight, lorry >32 metric ton, EURO6 transport P market for corrugated board box corrugated board box Name E Photochemical oxidation P styrene-acrylonitrile copolymer production styrene-acrylonitrile-but plaction moulding injection moulding Cutoff, S - RE P market for paper, woodfree, uncoated paper, woodfree, uncoated Cu P treatment of waste polyettlylene terephthalate, for recycling, unsorted, s P transport, freight, lorry 32-75 metric ton, EURO6 transport, freight, lorry P market for corrugated board box Cutoff, S - RE P market for corrugated board box cutoff, S - RE P market for corrugated board box cutoff, S - RE P market for corrugated board box cutoff, S - RE P market for paper, woodfree, uncoated paper, woodfree, uncoated Cu P transport, freight, lorry 32-75 metric ton, EURO6 transport, freight, lorry P market for paper, woodfree, uncoated paper, woodfree, uncoated cu P transport, freight, lorry 32-75 metric ton, EURO6 transport, freight, lorry P market for paper, woodfree, uncoated paper, woodfree, uncoated cu P transport, freight, lorry 32-75 metric ton, EURO6 transport, freight, lorry P market for paper, woodfree, uncoated paper, woodfree, uncoated cu P transport, freight, lorry 3-75 metric ton, EURO6 transport, freight, lorry P market for paper, woodfree, uncoated paper, woodfree, uncoated cu P stransport, freight, lorry 3-75 metric ton, EURO6 transport, freight, lorry P market for paper, woodfree, uncoated paper, woodfree, uncoated cu P stransport, freight, lorry P market for paper, woodfree, uncoated paper, woodfree, uncoated cu P stransport, freight, lorry P market for paper, woodfree, uncoated paper, woodfree, uncoated cu P stransport, freight, lorry P market for paper, woodfree, uncoated paper, woodfree, uncoated cu P stranspaced logities condumer proves actinductifies stranspare, activan	ort, freight, lorry > 2 ox Cutoff, S - REF Category n 201:Manufacture of b 222:Manufacture of p 222:Manufacture of p 381:Waste collection o 381:Waste collection of 392:Other land transp 5 492:Other land transp 5 492:Other land transp 5 170:Manufacture of p 222:Manufacture of p 2492:Other land transp x 170:Manufacture of p 201:Manufacture of p	492:Other land trans; 170:Manufacture of p asic chemicals, fertilize lastic products / 2220 aper and paper produc / 3811:Collection of no tort / 4923:Freight trans aper and paper produc lastics products / 2220 tort / 4923:Freight trans aper and paper produc aper and paper produc	port / 4923:Freight trans. paper and paper produc	Impact factor	0.00/41 0.00565 Impact rest 0.000 0.000 0.000 0.000 0.124438 4.871302 2.183062 9.776096 0.756966 2.812122 2.530166 5.720038 2.530200 7.290392 7.290392 7.995905	kg 1,4-D kg 1,4-D lg 1,4-D kg 1,4-D lg kg 2,H4 ls kg 3,H4 ls
P transport, freight, lorry >32 metric ton, EURO6 transport P market for corrugated board box corrugated board box P styrene-acrylonitrile copolymer production styrene-acrylonitrile copoly P acrylonitrile-butadiene-styrene copolymer production acrylonitrile-but P injection moulding injection moulding Cutoff, S - RER P market for paper, woodfree, uncoated paper, woodfree, uncoated Cu P transport, freight, lorry >3-7.5 metric ton, EURO6 transport, freight, lorry P transport, freight, lorry >3-7.5 metric ton, EURO6 transport, freight, lorry P transport, freight, lorry >3-7.5 metric ton, EURO6 transport, freight, lorry P transport, freight, lorry >3-7.5 metric ton, EURO6 transport, freight, lorry P transport, freight, lorry 3-5.75 metric ton, EURO6 transport, freight, lorry P injection moulding injection moulding Cutoff, S - RER P transport, freight, lorry 3-5.75 metric ton, EURO6 transport, freight, lorry P market for corrugated board box cutoff, S - RER P transport, freight, lorry 3-5.75 metric ton, EURO6 transport, freight, lorry P market for paper, woodfree, uncoated paper, woodfree, uncoated Cu P styren-acrylonitrile copolymer production styrene-acrylonitrile copolymer P transport, freight, lorg - Surf, Brettic ton, EUROF = recycling, uncoated Cu P styrene-acrylonitrile copolymer production styrene	ort, freight, lorry > 2 ox Cutoff, S - REF Category n 201:Manufacture of b 222:Manufacture of p 231:Maste collection y 492:Other land transp 5 492:Other land transp 5 492:Other land transp 222:Manufacture of p 222:Manufacture of p 222:Manufacture of p n 201:Manufacture of p n 201:Manufacture of p n 201:Manufacture of p	492:Other land transp 170:Manufacture of p asic chemicals, fertilize lastics products / 2220 aper and paper produc / 3811:Collection of no out / 4923:Freight trans aper and paper produc lastics products / 2220 out / 4923:reight trans aper and paper produc asic chemicals, fertilize / 3811:Collection of no	port / 4923;Freight trans. paper and paper production inventory result	Impact factor	0.00741 0.00565 Impact rest 0.000 0.000 5.124432 4.87300 0.77609E 6.75905 2.81212E 2.53016E 5.72003E 2.53020E 7.29039E 7.29039E 7.29039E 7.29039E 7.29039E 7.29039E 7.29039E 7.29039E	kg 1,4-D kg 1,4-D kg 1,4-D ist Unit ist Unit ist kg C2H4 ist kg C2H4 ist kg C2H4 ist kg C2H4 ist kg C2H4 ist kg C2H4 ist kg CFC-1 ist kg CFC-1
 P transport, freight, lorry >32 metric ton, EURO6 transport P market for corrugated board box corrugated board box P styrene-acrylonitrile copolymer production styrene-acrylonitrile copoly P arylonitrile-butatione-styrene copolymer production acrylonitrile-buta P injection moulding injection moulding Cutoff, S - RER P market for paper, woodfree, uncoated paper, woodfree, uncoated Cu P transport, freight, lorry 32-7.5 metric ton, EURO6 transport, freight, lorry P transport, freight, lorry 33-7.5 metric ton, EURO6 transport, freight, lorry P transport, freight, lorry 33-7.5 metric ton, EURO6 transport, freight, lorry P transport, freight, lorry 3.5-7.5 metric ton, EURO6 transport, freight, lorry P transport, freight, lorry 3.5-7.5 metric ton, EURO6 transport, freight, lorry P transport, freight, lorry 3.5-7.5 metric ton, EURO6 transport, freight, lorry P transport, freight, lorry 3.5-7.5 metric ton, EURO6 transport, freight, lorry P transport, freight, lorry 3.5-7.5 metric ton, EURO6 transport, freight, lorry P transport, freight, lorry 3.5-7.5 metric ton, EURO6 transport, freight, lorry P transport, freight, lorry 3.5-7.5 metric ton, EURO6 transport, freight, lorry P transport, freight, lorry 3.5-7.5 metric ton, EURO6 transport, freight, lorry 	ort, freight, lorry > 2 ox Cutoff, S - REF Category n 201:Manufacture of b 222:Manufacture of p 222:Manufacture of p 381:Waste collection y 492:Other land transp f 170:Manufacture of p 222:Manufacture of p 222:Manufacture of p 222:Manufacture of p 381:Waste collection o 381:Waste collection o 381:Waste collection o 381:Waste collection	492:Other land transp 170:Manufacture of p asic chemicals, fertilize asic chemicals, fertilize lastics products / 2220 aper and paper produc / 3811:Collection of no oort / 4923:Freight trans aper and paper produc lastics products / 2220 oort / 4923:Freight trans aper and paper produc / 3811:Collection of no oort / 4923:Freight trans asic chemicals, fertilize / 3811:Collection of no ord / 4923:Freight trans	port / 4923:Freight trans. paper and paper product	Impact factor	0.00741 0.00565 Impact resi 0.000 0.000 5.124432 4.871306 9.776096 0.8756966 2.81212 2.530166 5.720038 2.530206 7.290396 7.09682E 5.905895 5.905895 4.1974662 3.593566	kg 1,4-D kg 1,4-D gl 1,4-D kg 1,4-D is kg 22H4 is kg 2CH4 is kg CFC-1 is kg CFC-1
 P transport, freight, lorry >32 metric ton, EURO6 transport P market for corrugated board box corrugated board box P styrene-acrylonitrile copolymer production styrene-acrylonitrile copoly P acrylonitrile-butatione-styrene copolymer production acrylonitrile-butation P injection moulding injection moulding Cutoff, S - RER P market for paper, woodfree, uncoated paper, woodfree, uncoated Cu P transport, freight, lorry 33-7.5 metric ton, EURO6 transport, freight, lorry P market for corrugated board box corrugate board box Cutoff, S - RE P transport, freight, lorry 33-7.5 metric ton, EURO6 transport, freight, lorry P market for paper, woodfree, uncoated Daper, woodfree, uncoated Cu P transport, freight, lorry 33-7.5 metric ton, EURO6 transport, freight, lorry P injection moulding injection moulding Cutoff, S - RER P transport, freight, lorry 33-7.5 metric ton, EURO6 transport, freight, lorry P styrene-acrylonitrile copolymer production styrene-acrylonitrile copoly P transport, freight, lorry 33-7.5 metric ton, EURO6 transport, freight, lorry P styrene-acrylonitrile copolymer production styrene-acrylonitrile copoly P transport, freight, lorry 32-8 metric ton, EURO6 transport, freight, lorry P transport, freight, lorry 32-8 metric ton, EURO6 transport, freight, lorry P transport, freight, lorry 32-8 metric ton, EURO6 transport, freight, lorry P transport, freight, lorry 32-8 metric ton, EURO6 transport, freight, lorry P transport, freight, lorry 32-8 metric ton, EURO6 transport, freight, lorry P transport, freight, lorry 32-8 metric ton, EURO6 transport, freight, lorry P transport, freight, lorry 32-8 metric ton, EURO6 transport, freight, lory P transport,	ort, freight, lorry > 2 ox Cutoff, S - REF Category n 201:Manufacture of b 201:Manufacture of p 222:Manufacture of p 381:Waste collection y 492:Other land transp 5 492:Other land transp 5 170:Manufacture of p 222:Manufacture of p 222:Manufacture of p 0 201:Manufacture of p 0 381:Waste collection n 201:Manufacture of b 0 381:Waste collection 3 492:Other land transp 2 492:Other land transp 2 492:Other land transp 2 30:Manufacture of b 2 381:Waste collection 2 392:Other land transp 2 30:Manufacture of b	492:Other land transp 170:Manufacture of p asic chemicals, fertilize asic chemicals, fertilize lastics products / 2220 aper and paper produc / 3811:Collection of no oor / 4923:Freight trans aper and paper produc alstics products / 2220 otor / 4923:Freight trans aper and paper produc asic chemicals, fertilize / 3811:Collection of no oor / 4923:Freight trans asic chemicals, fertilize	port / 4923:Freight trans, paper and paper produc	Impact factor	0.00741 0.00565 Impact resi 0.000 0.000 0.124438 4.871306 9.776096 6.756966 2.81212 2.530166 5.720038 2.530166 5.720038 2.530069 7.290396 7.906822 5.905896 4.197466 3.593566 3.593566 2.414786	kg 1,4-D kg 1,4-D kg 1,4-D kg 1,4-D it Unit 25 kg C2H4 55 kg C2H4 55 kg C2H4 56 kg C2H4 66 kg C2H4 66 kg C2H4 66 kg C2H4 58 kg CFC-1 59 kg CFC-1
 P transport, freight, lorry >32 metric ton, EURO6 transport P market for corrugated board box corrugated board box P styrene-acrylonitrile copolymer production styrene-acrylonitrile copoly P acrylonitrile-butadiene-styrene copolymer production acrylonitrile-but P injection moulding injection moulding Cutoff, S - RE P market for paper, woodfree, uncoated paper, woodfree, uncoated Cu P transport, freight, lory 33-75 metric ton, EURO6 transport, freight, lory P transport, freight, lory 33-75 metric ton, EURO6 transport, freight, lory P injection moulding injection moulding Cutoff, S - RE P transport, freight, lory 32-75 metric ton, EURO6 transport, freight, lory P injection moulding injection moulding Cutoff, S - RE P transport, freight, lory 35-75 metric ton, EURO6 transport, freight, lory P transport, freight, lory 3-75 metric ton, EURO6 transport, freight, lory P transport, freight, lory 3-75 metric ton, EURO6 transport, freight, lory P transport, freight, lory 3-75 metric ton, EURO6 transport, freight, lory P transport, freight, lory 3-75 metric ton, EURO6 transport, freight, lory P transport, freight, lory 3-25 metric ton, EURO6 transport, freight, lory P transport, freight, lory >22 metric ton, EURO6 transport, freight, lory P transport, freight, lory >22 metric ton, EURO6 transport, freight, lory P transport, freight, lory >22 metric ton, EURO6 transport, freight, lory P transport, freight, lory >22 metric ton, EURO6 transport, freight, lory P transport, freight, lory >22 metric ton, EURO6 transport, freight, lory P transport, freight, lory >22 metric ton, EURO6 transport, freight, lory P arytene-acrylonitile-butadiene-styrene coryolymer production	rt, freight, lorry > 2 ox Cutoff, S - REF Category n 201:Manufacture of b 201:Manufacture of p 222:Manufacture of p 381:Waste collection 949:Other land transp 5 492:Other land transp 5 492:Other land transp 5 170:Manufacture of p 222:Manufacture of p 231:Waste collection 381:Waste collection 381:Waste collection 5 492:Other land transp c 170:Manufacture of b 381:Waste collection 5 492:Other land transp 2 492:Other land transp 2 201:Manufacture of b 381:Waste collection 5 492:Other land transp 2 492:Other land transp	492:Other land transp 170:Manufacture of p asic chemicals, fertilize lastics products / 2220 aper and paper produc / 3811:Collection of no oort / 4923:Freight trans aper and paper produc lastics products / 2220 oort / 4923:Freight trans aper and paper produc asic chemicals, fertilize / 3811:Collection of no ord / 4923:Freight trans aper and paper produc / 3811:Collection of no ord / 4923:Freight trans asic chemicals, fertilize aper and paper produc	port / 4923:Freight trans, paper and paper product Inventory result	Impact factor	0.00741 0.00565 Impact resi 0.000 0.000 0.124438 4.871300 2.18306 9.776096 0.756966 2.81212E 2.53016 5.772038 2.530206 7.29339 7.09682E 5.905895 4.197466 3.593559 4.197466 3.593559 2.414786	kg 1,4-D kg 1,4-D kg 1,4-D 25 kg C2H4 55 kg C2H4 55 kg C2H4 55 kg C2H4 66 kg C2H4 66 kg C2H4 66 kg C2H4 96 kg CFC-1 99 kg CFC-1
 P transport, freight, lorry >32 metric ton, EURO6 transport P market for corrugated board box corrugated board box P styrene-acrylonitrile copolymer production styrene-acrylonitrile copoly P acrylonitrile-butadiene-styrene copolymer production acrylonitrile-but P injection moulding injection moulding Cutoff, S - RER P market for paper, woodfree, uncoated paper, woodfree, uncoated cu P transport, freight, lorry >3:7.5 metric ton, EURO6 transport, freight, lorry P transport, freight, lorry >3:7.5 metric ton, EURO6 transport, freight, lorry P transport, freight, lorry >3:7.5 metric ton, EURO6 transport, freight, lorry P market for corrugated board box corrugated board box Cutoff, S - RER P market for corrugated board box corrugated board box Cutoff, S - RER P market for corrugated board box corrugated board box Cutoff, S - RER P market for corrugated board box corrugated board box Cutoff, S - RER P transport, freight, lorry 3:5.7.5 metric ton, EURO6 transport, freight, lorry P market for corrugated board box cutoff, S - RER P transport, freight, lorry 3:5.7.5 metric ton, EURO6 transport, freight, lorry P market for paper, woodfree, uncoated paper, woodfree, uncoated Cu P transport, freight, lorry 3:5.7.5 metric ton, EURO6 transport, freight, lorry P transport, freight, lorry 3:2 metric ton, EURO6 transport, freight, lorry P transport, freight, lorry 3:5.7.5 metric ton, EURO6 transport, freight, lorry P transport, freight, lorry 3:2 metric ton, EURO6 transport, freight, lorry P acrylonitrile-butadiene-styrene copolymer production acrylonitrile couply P transport, freight, lorry >3 metric ton, EURO6 transport, freight, lorry >3 P acrylonitrile-butadie	ort, freight, lorry > 2 ox Cutoff, S - REF Category n 201:Manufacture of b 222:Manufacture of p 222:Manufacture of p 381:Waste collection y 492:Other land transp 4 92:Other land transp 222:Manufacture of p y 492:Other land transp x 170:Manufacture of p n 201:Manufacture of p n 201:Manufacture of p n 201:Manufacture of p n 201:Manufacture of p a 381:Waste collection 5 492:Other land transp x 170:Manufacture of p n 201:Manufacture of p n 201:Manufacture of p	492:Other land transp 170:Manufacture of p asic chemicals, fertilize lastics products / 2220 aper and paper produc / 3811:Collection of no out / 4923:Freight trans aper and paper produc lastics products / 2220 out / 4923:Freight trans aper and paper produc asic chemicals, fertilize / 3811:Collection of no out / 4923:Freight trans aper and paper produc asic chemicals, fertilize aper chemicals, fertilize aper chemicals, fertilize aper and paper produc	oort / 4923:Freight trans. oaper and paper produc	Impact factor	0.00741 0.00565 Impact ress 0.000 0.000 5.12443 4.871300 2.183066 9.776095 6.75905 2.812122 2.530166 5.72003 7.290395 7.200395 7.20057 7.20057 7.20	kg 1,4-D kg 1,4-D kg 1,4-D ult Unit 25 kg C2H4 25 kg C2H4 25 kg C2H4 25 kg C2H4 26 kg C2H4 26 kg C2H4 26 kg C2H4 26 kg C2H4 28 kg CFC-1 29 kg CFC-1 38 kg 1,4-D
 P transport, freight, lorry >32 metric ton, EURO6 transport P market for corrugated board box corrugated board box P styrene-acrylonitrile copolymer production styrene-acrylonitrile copoly P acrylonitrile-butadiene-styrene copolymer production acrylonitrile-but P injection moulding injection moulding Cutoff, S - RER P market for paper, woodfree, uncoated paper, woodfree, uncoated cu P transport, freight, lorry >32 metric ton, EURO6 transport, freight, lorry P transport, freight, lorry >32 metric ton, EURO6 transport, freight, lorry >4 P injection moulding injection moulding Cutoff, S - RER P transport, freight, lorry >32 metric ton, EURO6 transport, freight, lorry >4 P injection moulding injection moulding Cutoff, S - RER P injection moulding injection moulding Cutoff, S - RER P injection moulding injection moulding Cutoff, S - RER P transport, freight, lorry 33-7.5 metric ton, EURO6 transport, freight, lorry >4 P oraxiet for corrugated board box Corrugated board box Cutoff, S - RER P transport, freight, lorry 3-2.75 metric ton, EURO6 transport, freight, lorry >5 P acrylonitrile-buddiene-styrene copolymer production styrene-acrylonitrile copolymer production styrene-acrylonitrile copolymer production styrene-acrylonitrile copolymer production acrylonitrile copolymer production acrylonitrile-buddiene-styrene copolymer production acrylonitrile-buddiene-styrene copolymer production acrylonitrile-buddiene-styrene copolymer production acrylonitrile-buddiene-styrene copolymer production scylonitrile-buddiene-styrene copolymer production scylonitrile-buddiene-styrene copolymer production acrylonitrile-buddiene-styrene copolymer production scylonitrile-buddiene-styrene copolymer production scylonitrile-buddiene-styrene copolymer pr	ort, freight, lorry > 2 ox Cutoff, S - REF Category n 201:Manufacture of b 222:Manufacture of p 222:Manufacture of p 381:Waste collection y 492:Other land transp f 170:Manufacture of p 222:Manufacture of p 222:Manufacture of p 222:Manufacture of p 381:Waste collection 5 492:Other land transp c 170:Manufacture of p 201:Manufacture of b 5 170:Manufacture of b 1 10:Manufacture of p 202:Manufacture of p 202:Manufacture of p 202:Manufacture of p 202:Manufacture of p 202:Manufacture of p 202:Manufacture of p	492:Other land transp 170:Manufacture of p asic chemicals, fertilize lastics products / 2220 aper and paper produc / 3811:Collection of no out / 4923:Freight trans aper and paper produc / astics products / 2220 ott / 4923:Freight trans aper and paper produc / 3811:Collection of no asic chemicals, fertilize asic chemicals, fertilize aper and paper produc asic chemicals, fertilize aper and paper produc astor / 4923:Freight trans asic chemicals, fertilize aper and paper produc	port / 4923;Freight trans. paper and paper production inventory result	Impact factor	0.00741 0.00565 Impact resi 0.000 0.000 5.124438 4.871300 2.183066 9.776096 2.81212 2.530166 5.720036 2.81212 2.530206 7.290396 7.290396 7.290396 7.290396 7.290396 2.414786 1.342486 1.342486 0.002 0.001	kg 1,4-D kg 1,4-D kg 1,4-D ult Unit 25 kg 0,2H4 15 kg 0,2H4 15 kg 0,2H4 16 kg 0,2H4 16 kg 0,2H4 16 kg 0,2H4 16 kg 0,2H4 18 kg 0,470 19 kg 0,470 10 kg 1,4-D 10 kg 1,4-D 10 kg 1,4-D 10 kg 1,4-D
 P transport, freight, lorry >32 metric ton, EURO6 transport P market for corrugated board box corrugated board box P styrene-acrylonitrile copolymer production styrene-acrylonitrile copoly P acrylonitrile-butadiene-styrene copolymer production acrylonitrile-buta P injection moulding injection moulding Cutoff, S - RER P market for paper, woodfree, uncoated paper, woodfree, uncoated Cu P treatment of waste polyethylene terephthalate, for recycling, unsorted, s P transport, freight, lorry 33-7.5 metric ton, EURO6 transport, freight, lorry > P market for paper, woodfree, uncoated paper, woodfree, uncoated Cu P transport, freight, lorry 33-7.5 metric ton, EURO6 transport, freight, lorry > P market for paper, woodfree, uncoated Cu P transport, freight, lorry 35-7.5 metric ton, EURO6 transport, freight, lorry > P transport, freight, lorry 35-7.5 metric ton, EURO6 transport, freight, lorry > P transport, freight, lorry 35-7.5 metric ton, EURO6 transport, freight, lorry > P transport, freight, lorry 35-7.5 metric ton, EURO6 transport, freight, lorry > P transport, freight, lorry >32.5 metric ton, EURO6 transport, freight, lorry > P styrene-acrylonitrile copolymer production styrene-acrylonitrile copoly P transport, freight, lorry >32 metric ton, EURO6 transport, freight, lorry >> P acrylonitrile-butadiene-styrene copolymer production acrylonitrile-but P market for corrugated board box corrugated board box cutoff, S - RE P market for paper, woodfree, uncoated paper, woodfree, uncoated Cu P market for paper, uncoated box corrugated board box Cutoff, S - RE P market for paper, woodfree, uncoated paper, woodfree, uncoated Cu P market for paper, uncoated paper	ort, freight, lorry > 2 ox Cutoff, S - REF Category n 201:Manufacture of b 222:Manufacture of p 222:Manufacture of p 381:Waste collection y 492:Other land transp 492:Other land transp 5 170:Manufacture of p 222:Manufacture of p 222:Manufacture of p n 201:Manufacture of p n 201:Manufacture of p 201:Manufacture of p 201:Manufacture of p 201:Manufacture of p 201:Manufacture of p 201:Manufacture of p 201:Manufacture of p 202:Manufacture of p 202:Manufacture of p 202:Manufacture of p	492:Other land transp 170:Manufacture of p asic chemicals, fertilize lastics products / 2220 aper and paper produc / 3811:Collection of no tort / 4923:Freight trans aper and paper produc lastics products / 2220 tort / 4923:Freight trans aper and paper produc lastics chemicals, fertilize / 3811:Collection of no tort / 4923:Freight trans aper and paper produc asic chemicals, fertilize asic chemicals, fertilize aper and paper produc aper and paper produc aper and paper produc aper and paper produc aper and paper produc ther chemical products aper and paper produc	port / 4923:Freight trans. paper and paper product Inventory result	Impact factor	0.00741 0.00565 Impact resi 0.000 0.000 5.124432 4.871306 9.776096 6.756966 2.81212 2.530166 5.720038 2.53026 7.290395 7.096622 5.90596 4.197466 3.593566 2.414786 1.342406 0.002 0.001	kg 1,4-D kg 1,4-D kg 1,4-D it Unit 25 kg C2H4 55 kg C2H4 55 kg C2H4 55 kg C2H4 66 kg C2H4 66 kg C2H4 66 kg C2H4 66 kg C2H4 66 kg C2H4 96 kg CFC-1 99 kg CFC-1 90 kg CFC-1 9
 P transport, freight, lorry >32 metric ton, EURO6 transport P market for corrugated board box corrugated board box P styrene-acrylonitrile copolymer production styrene-acrylonitrile copoly P acrylonitrile-butadiene-styrene copolymer production acrylonitrile-but P injection moulding injection moulding Cutoff, S - RER P market for paper, woodfree, uncoated paper, woodfree, uncoated Cu P transport, freight, lory 35-75 metric ton, EURO6 transport, freight, lory P transport, freight, lory 35-75 metric ton, EURO6 transport, freight, lory P transport, freight, lory 35-75 metric ton, EURO6 transport, freight, lory P transport, freight, lory 3-57.5 metric ton, EURO6 transport, freight, lory P transport, freight, lory 3-57.5 metric ton, EURO6 transport, freight, lory P transport, freight, lory 3-57.5 metric ton, EURO6 transport, freight, lory P transport, freight, lory 3-57.5 metric ton, EURO6 transport, freight, lory P transport, freight, lory 3-57.5 metric ton, EURO6 transport, freight, lory P transport, freight, lory 3-57.5 metric ton, EURO6 transport, freight, lory P transport, freight, lory 3-57.5 metric ton, EURO6 transport, freight, lory P transport, freight, lory 3-20 metric ton, EURO6 transport, freight, lory P transport, freight, lory 3-20 metric ton, EURO6 transport, freight, lory P arxfortimite-butadiene-styrene copolymer production acrylonitrile-but P market for corrugated board box corrugated board box Cutoff, S - RER P market for paper, woodfree, uncoated paper, woodfree, uncoated Cu P market for paper, woodfree, uncoated paper, woodfree, uncoated Cu P market for paper, woodfree, uncoated paper, woodfree, uncoated Cu P market for paper, woodfr	ort, freight, lorry > 2 ox Cutoff, S - REF Category n 201:Manufacture of b 222:Manufacture of p 222:Manufacture of p 381:Waste collection 492:Other land transp 492:Other land transp 5 170:Manufacture of p 222:Manufacture of p 222:Manufacture of p 201:Manufacture of p 201:Manufacture of p 201:Manufacture of p 201:Manufacture of p 201:Manufacture of p 201:Manufacture of p 202:Manufacture of p 203:Manufacture of p 203:Manufacture of p 203:Manufacture of p	492:Other land transp 170:Manufacture of p asic chemicals, fertilize lastics products / 2220 aper and paper produc / 3811:Collection of no botr / 4923:Freight trans aper and paper produc lastics products / 2220 botr / 4923:Freight trans aper and paper produc asic chemicals, fertilize aper and paper produc asic chemicals, fertilize aper and paper produc asic chemicals, fertilize aper and paper produc aper and paper produc ther chemical products aper and paper produc ther chemical products aper and paper produc ther chemical products aper and paper produc lastics products / 2220/ 2811:Collection of no	port / 4923:Freight trans, paper and paper product Inventory result	Impact factor	0.00741 0.00565 Impact resi 0.000 0.000 0.12438 4.871306 2.18306 9.776096 2.81212 2.530166 5.720038 2.530166 5.720038 2.530166 5.720038 7.09682E 7.09682E 5.90589E 4.197466 3.593589E 4.197466 3.593589E 4.197466 3.593589E 4.197466 0.000 0.0000	kg 1,4-D kg 1,4-D kg 1,4-D kg 1,4-D it Unit iz5 kg C2H4 i-5 kg C2H4 i-5 kg C2H4 i-5 kg C2H4 i-6 kg C2H4 i-6 kg C2H4 i-6 kg C2H4 i-6 kg C2H4 i-8 kg CFC-1 i-9 kg CFC-1 i-10 kg CFC-1
 P transport, freight, lorry >32 metric ton, EURO6 transport P market for corrugated board box corrugated board box P styrene-acrylonitrile copolymer production styrene-acrylonitrile-but P injection moulding injection moulding Cutoff, S - RER P market for corrugated board box corrugated board corrugated board box P acrylonitrile-butadiene-styrene copolymer production acrylonitrile-but P injection moulding injection moulding Cutoff, S - RER P market for paper, woodfree, uncoated paper, woodfree, uncoated cu P transport, freight, lorry >32.7.5 metric ton, EURO6 transport, freight, lorr P transport, freight, lorry >32.7.5 metric ton, EURO6 transport, freight, lorr P market for corrugated board box corrugated board box Cutoff, S - RER E Ozone layer depletion (ODP) P injection moulding injection moulding Cutoff, S - RER P transport, freight, lorry 33.7.75 metric ton, EURO6 transport, freight, lorry P market for corrugated board box corrugated board box Cutoff, S - RER P transport, freight, lorry 33.7.75 metric ton, EURO6 transport, freight, lorry P market for paper, woodfree, uncoated paper, woodfree, uncoated Cu P market for paper, avoodfree, uncoated paper, woodfree, uncoated Cu P transport, freight, lorry >32 metric ton, EURO6 transport, freight, lorry P acrylonitrile-butadiene-styrene copolymer production acrylonitrile copuly P transport, freight, lorry >32 metric ton, EURO6 transport, freight, lorry P acrylonitrile-butadiene-styrene copolymer production acrylonitrile out P market for corrugated board box corrugated board box cutoff, S - RE V E Terrestrial ecotoxicity P soap production soap Cutoff, S - RER P market for paper,	ort, freight, lorry > 2 ox Cutoff, S - REF Category n 201:Manufacture of b 222:Manufacture of p 231:Maste collection y 492:Other land transp 4 92:Other land transp 5 492:Other land transp 4 92:Other land transp 4 92:Other land transp 4 92:Other land transp 4 92:Other land transp 5 170:Manufacture of p 201:Manufacture of p 201:Manufacture of p 202:Manufacture of p 203:Myaste collection 3 10:Myaste collection 3 10:Myaste collection 3 10:Myaste collection 3 10:Myaste collection	492:Other land transp 170:Manufacture of p asic chemicals, fertilize lastics products / 2220 aper and paper produc / 3811:Collection of no aper and paper produc / 3811:Collection of no aper and paper produc lastics products / 2220 oor / 4923:Freight trans aper and paper produc asic chemicals, fertilize / 3811:Collection of no lastics products _ apper and paper produc lastics products / 2220 / 3811:Collection of no asic chemicals, fertilize	oort / 4923;Freight trans. paper and paper produc Inventory result	Impact factor Im	0.00741 0.00565 Impact res 0.000 5.12443 4.871300 2.183066 9.77609 6.75966 2.812122 2.530166 5.72003 7.290395 7.290395 7.290395 7.290395 4.197466 3.59356 2.414788 1.342405 0.002 0.001 0.000 0.0000 0.0000 0.0000	kg 1,4-D kg 1,4-D kg 1,4-D ult Unit 125 kg 2,2H4 15 kg 2,2H4 15 kg 2,2H4 16 kg 2,2H4 16 kg 2,2H4 16 kg 2,2H4 16 kg 2,2H4 18 kg C, FC-1 19 kg C, FC-1 18 kg 1,4-D 18 kg 1,4-D 21 kg 1,4-D 25 kg 1,4-D
 P transport, freight, lorry >32 metric ton, EURO6 transport P market for corrugated board box corrugated board box P styrene-acylonitrile-copolymer production styrene-acylonitrile copoly P acylonitrile-butadiene-styrene copolymer production acrylonitrile-but P injection moulding injection moulding Cutoff, S - RER P market for paper, woodfree, uncoated paper, woodfree, uncoated Cu P transport, freight, lory >32-7.5 metric ton, EURO6 transport, freight, lorry >4 P transport, freight, lory >32-7.5 metric ton, EURO6 transport, freight, lorry >9 P market for corrugated board box corrugated board box Cutoff, S - RER P transport, freight, lorry >32-7.5 metric ton, EURO6 transport, freight, lorry >9 P market for corrugated board box corrugated board box Cutoff, S - RER P transport, freight, lorry >3-7.7 metric ton, EURO6 transport, freight, lorry >9 P market for paper, woodfree, uncoated Daper, woodfree, uncoated Cu P styrene-acrylonitrile-copolymer production styrene-acrylonitrile copolymer production styrene-acrylonitrile copolymer production styrene-acrylonitrile copolymer production scryonitrile-but P transport, freight, lorry >32 metric ton, EURO6 transport, freight, lorry >9 P acrylonitrile-butadiene-styrene copolymer production acrylonitrile-but P market for corrugated board box Cutoff, S - RE P market for corrugated board box curoused board box Cutoff, S - RE P market for paper, woodfree, uncoated paper, woodfree, uncoated Cu P soap production soap Cutoff, S - RE P market for paper, woodfree, uncoated paper, woodfree, uncoated Cu P market for paper, woodfree, uncoated paper, woodfree, uncoated Cu P market for paper, woodfree, uncoated paper, woodf	ort, freight, lorry > 2 ox Cutoff, S - REF Category n 201:Manufacture of b 222:Manufacture of b 222:Manufacture of p 381:Waste collection y 492:Other land transp f 170:Manufacture of p 222:Manufacture of p 222:Manufacture of p 222:Manufacture of p 222:Manufacture of p 201:Manufacture of p 201:Manufacture of p 201:Manufacture of p 201:Manufacture of p 202:Manufacture of p 201:Manufacture of p 31:Maste collection n 201:Manufacture of p	492:Other land transp 170:Manufacture of p asic chemicals, fertilize asic chemicals, fertilize lastics products / 2220 aper and paper produc / 3811:Collection of no bort / 4923:Freight trans aper and paper produc lastics products / 2220 bort / 4923:Freight trans aper and paper produc asic chemicals, fertilize asic chemicals, fertilize aper and paper produc aper and paper produc asic chemicals, fertilize aper and paper produc aper and paper produc aper and paper produc ther chemical products aper and paper produc asic chemicals, fertilize oper and paper produc asic chemicals, fertilize oper and paper produc asic chemicals, fertilize ort / 4923:Freight trans aper and paper produc 18515: collection of no asic chemicals, fertilize ort / 4923:Freight trans	port / 4923;Freight trans. Daper and paper production inventory result	Impact factor	0.00741 0.00565 Impact resi 0.000 5.124432 4.871300 2.183066 9.776096 6.756966 2.81272 2.530166 5.720038 2.530206 7.290395 7.290395 4.197466 3.593566 2.414788 1.342406 0.002 0.001 0.0000 0.0000 0.0000 0.0000	kg 1,4-D kg 1,4-D kg 1,4-D kg 1,4-D it Unit it Sg 0,2H4 :5 kg 0,2H4 :5 kg 0,2H4 :6 kg 0,2H4 :6 kg 0,2H4 :6 kg 0,2H4 :6 kg 0,2H4 :8 kg 0,2C+1 :9 kg 1,4-D :14 kg 1,4-D :15 kg 1,4-D :5 kg 1,4-D :5 kg 1,4-D
 P transport, freight, lorry >32 metric ton, EURO6 transport P market for corrugated board box corrugated board box P styrene-acrylonitrile copolymer production styrene-acrylonitrile copoly P acrylonitrile-butadiene-styrene copolymer production acrylonitrile-buta P injection moulding injection moulding Cutoff, S - RER P market for paper, woodfree, uncoated paper, woodfree, uncoated Cu P transport, freight, lory 35-7.5 metric ton, EURO6 transport, freight, lorry >2 P transport, freight, lory 35-7.5 metric ton, EURO6 transport, freight, lorry >2 P transport, freight, lory 35-7.5 metric ton, EURO6 transport, freight, lorry >2 P transport, freight, lory 35-7.5 metric ton, EURO6 transport, freight, lorry >2 P transport, freight, lory 35-7.5 metric ton, EURO6 transport, freight, lorry >2 P transport, freight, lory 35-7.5 metric ton, EURO6 transport, freight, lorry >2 P transport, freight, lory 35-7.5 metric ton, EURO6 transport, freight, lorry >2 P transport, freight, lory 35-7.5 metric ton, EURO6 transport, freight, lorry >2 P transport, freight, lory 35-7.5 metric ton, EURO6 transport, freight, lorry >2 P transport, freight, lory 32-7.5 metric ton, EURO6 transport, freight, lorry >2 P transport, freight, lory >32 metric ton, EURO6 transport, freight, lorry >2 P transport, freight, lory >32 metric ton, EURO6 transport, freight, lorry >2 P transport, freight, lory >32 metric ton, EURO6 transport, freight, lory >2 P transport, freight, lory >32 metric ton, EURO6 transport, freight, lory >2 P market for paper, woodfree, uncoated paper, woodfree, uncoated Cu P market for paper, woodfree, uncoated cu +1 P market for paper, woodfree, uncoated paper, woodfree, uncoated Cu	ort, freight, lorry > 2 ox Cutoff, S - REF Category n 201:Manufacture of b 222:Manufacture of p 222:Manufacture of p 381:Waste collection y 492:Other land transp f 170:Manufacture of p 222:Manufacture of p 222:Manufacture of p 222:Manufacture of p 222:Manufacture of p 381:Waste collection 381:Waste collection 381:Waste collection 6 f 170:Manufacture of p 202:Manufacture of p 202:Manufacture of p 202:Manufacture of p 202:Manufacture of p 381:Waste collection s 10:Manufacture of p 381:Waste collection n 201:Manufacture of p 381:Waste collection n 201:Manufacture of p 381:Waste collection n 201:Manufacture of p 170:Manufacture of p 170:Manufacture of p 170:Manufacture of p	492:Other land transp 170:Manufacture of p asic chemicals, fertilize asic chemicals, fertilize lastics products / 2220 aper and paper produc / 3811:Collection of no tori / 4923:Freight trans aper and paper produc lastics products / 2220 bort / 4923:Freight trans aper and paper produc lastics products / Ertilize aper and paper produc asic chemicals, fertilize aper and paper produc lastics products / 2220 bther chemicals, fertilize aper and paper produc lastics products / 2220 ther chemicals, fertilize aper and paper produc lastics products / 2220 / 3811:Collection of no asic chemicals, fertilize aper and paper produc lastics products / 2220 / 3811:Collection of no asic chemicals, fertilize aper and paper produc lastics products / 2220 / 3811:Collection of no asic chemicals, fertilize paper and paper produc lastics products / 2220 / 3811:Collection of no asic chemicals, fertilize paper and paper produc lastics products / 2220 / 3811:Collection of no asic chemicals, fertilize paper and paper produc lastics products / 2220 / 3811:Collection of no asic chemicals, fertilize paper and paper produc lastics products / 2220 / 3811:Collection of no asic chemicals, fertilize / 3811:Collection of no asic chemicals fertilize / 3811:Collection of no asic chemicals fertilize / 3811:Collection of no asic chemicals fertilize / 3811:Collection of no / 3811:Collection of no	port / 4923:Freight trans. paper and paper product Inventory result	Impact factor	0.00741 0.00565 Impact resi 0.000 0.000 5.124432 4.871306 9.776096 0.8756966 2.81212 2.530166 5.720038 2.530206 7.290396 7.096826 5.920396 2.939566 2.414786 1.342406 0.002 0.001 0.00000 0.0000 0.0000 0.0000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.000000	kg 1,4-D kg 1,4-D kg 1,4-D kg 1,4-D kg 2,44 11 kg 2,244 :5 kg 2,2144 :5 kg 2,2144 :6 kg 2,2144 :76 kg 2,2144 :8 kg 2,67.1 :9 kg 1,4-D :1 kg 1,4-D :2 kg 1,4-D :2 kg 1,4-D :5 kg 1,4-D :5 kg 1,4-D :5 kg 1,4-D
 P transport, freight, lorry >32 metric ton, EURO6 transport P market for corrugated board box corrugated board box P styrene-acrylonitrile copolymer production styrene-acrylonitrile copoly P acrylonitrile-butadiene-styrene copolymer production styrene-acrylonitrile-butadiene-styrene copolymer production scarylonitrile-butadiene-styrene copolymer production acrylonitrile-butadiene-styrene copolymer production acrylonitrile-butadiene-styrene-acrylonite, proceed Cu P market for paper, woodfree, uncoated Cu P market for paper, woodfree, uncoated Cu P injection moulding injection moulding Cutoff, S - RE P market for corrugated board box corrugated board box cutoff, S - RE P market for coroused board box corrugated board box Cutoff, S - R	ort, freight, lorry > 2 ox Cutoff, S - REF Category n 201:Manufacture of b 222:Manufacture of p 222:Manufacture of p 222:Manufacture of p 381:Waste collection y 492:Other land transp f 170:Manufacture of p 222:Manufacture of p 222:Manufacture of p 222:Manufacture of p n 201:Manufacture of p n 201:Manufacture of p 201:Manufacture of p 201:Manufacture of p 201:Manufacture of p 202:Manufacture of p 201:Manufacture of p 202:Manufacture of p 201:Manufacture of p 201:Manufacture of p 170:Manufacture of p 201:Manufacture of p 201:Manufacture of p 201:Manufacture of p	492:Other land transp 170:Manufacture of p asic chemicals, fertilize asic chemicals, fertilize lastics products / 2220 aper and paper produc / 3811:Collection of no bort / 4923:Freight trans aper and paper produc lastics products / 2220 otr / 4923:Freight trans aper and paper produc asic chemicals, fertilize / 3811:Collection of no bort / 4923:Freight trans aper and paper produc asic chemicals, fertilize aper and paper produc ther chemical products aper and paper produc lastics products / 2220 / 3811:Collection of no back chemicals, fertilize / 3811:Collection of no asic chemicals, fertilize aper and paper produc lastics products / 2220 / 3811:Collection of no asic chemicals, fertilize back chemicals, fertilize asic chemicals, fertilize	port / 4923:Freight trans, paper and paper product Inventory result	Impact factor	0.00741 0.00565 Impact resi 0.000 0.0000 5.124438 4.871300 2.18306 9.776996 2.81212 2.530166 5.720038 2.530166 5.720038 2.530050 7.290396 7.096622 5.905895 4.197466 3.593566 2.414786 1.342406 0.0021 0.0000 0.0000 0.0000 9.700316 6.260238	kg 1,4-D kg 1,4-D kg 1,4-D kg 1,4-D ult Unit 25 kg C2H4 -5 kg C2H4 -5 kg C2H4 -6 kg C2H4 -6 kg C2H4 -6 kg C2H4 -8 kg CFC-1 -9 kg CFC-1

20

✓ IE Abiotic depletion		9.83791E-7	kg Sb eq
> P transport, freight, lorry 3.5-7.5 metric ton, EURO6 transport, freight, lorry	/ 492:Other land transport / 4923:Freight trans	2.29869E-7	kg Sb eq
> P injection moulding injection moulding Cutoff, S - RER	222:Manufacture of plastics products / 2220:	2.06635E-7	kg Sb eq
> P treatment of waste polyethylene terephthalate, for recycling, unsorted, so	381:Waste collection / 3811:Collection of no	' 1.48969E-7	kg Sb eq
> P market for paper, woodfree, uncoated paper, woodfree, uncoated Cut	c 170:Manufacture of paper and paper produc	1.39310E-7	kg Sb eq
> P styrene-acrylonitrile copolymer production styrene-acrylonitrile copolymer	201:Manufacture of basic chemicals, fertilize	' 1.09351E-7	kg Sb eq
> P acrylonitrile-butadiene-styrene copolymer production acrylonitrile-buta	a 201:Manufacture of basic chemicals, fertilize	8.60471E-8	kg Sb eq
> P transport, freight, lorry >32 metric ton, EURO6 transport, freight, lorry >	492:Other land transport / 4923:Freight trans	3.50272E-8	kg Sb eq
> P market for corrugated board box corrugated board box Cutoff, S - RE	F 170:Manufacture of paper and paper produc	2.29418E-8	kg Sb eq
✓ IE Eutrophication		0.00112	kg PO4
> P injection moulding injection moulding Cutoff, S - RER	222:Manufacture of plastics products / 2220:	0.00045	kg PO4
> P styrene-acrylonitrile copolymer production styrene-acrylonitrile copolymer	201:Manufacture of basic chemicals, fertilize	0.00022	kg PO4
> P market for paper, woodfree, uncoated paper, woodfree, uncoated Cut	c 170:Manufacture of paper and paper produc	0.00016	kg PO4
> P acrylonitrile-butadiene-styrene copolymer production acrylonitrile-buta	a 201:Manufacture of basic chemicals, fertilize	0.00011	kg PO4
> P treatment of waste polyethylene terephthalate, for recycling, unsorted, so	381:Waste collection / 3811:Collection of no	0.00010	kg PO4
> P market for corrugated board box corrugated board box Cutoff, S - RE	F 170:Manufacture of paper and paper produc	3.07330E-5	kg PO4
> P transport, freight, lorry 3.5-7.5 metric ton, EURO6 transport, freight, lorry	/ 492:Other land transport / 4923:Freight trans	2.59039E-5	kg PO4
✓ IE Fresh water aquatic ecotox.		0.64792	kg 1,4-D
> P treatment of waste polyethylene terephthalate, for recycling, unsorted, so	381:Waste collection / 3811:Collection of no	0.40063	kg 1,4-D
> P injection moulding injection moulding Cutoff, S - RER	222:Manufacture of plastics products / 2220:	0.08454	kg 1,4-D
> P styrene-acrylonitrile copolymer production styrene-acrylonitrile copoly	201:Manufacture of basic chemicals, fertilize	0.06909	kg 1,4-D
> P acrylonitrile-butadiene-styrene copolymer production acrylonitrile-buta	a 201:Manufacture of basic chemicals, fertilize	0.03730	kg 1,4-D
> P market for paper, woodfree, uncoated paper, woodfree, uncoated Cut	c 170:Manufacture of paper and paper produc	0.03362	kg 1,4-D
P market for corrugated board box corrugated board box Cutoff, S - RE	F 170:Manufacture of paper and paper produc	0.01278	kg 1,4-D
✓ I≣ Acidification		0.00336	kg SO2 eq
P styrene-acrylonitrile copolymer production styrene-acrylonitrile copolymer	201:Manufacture of basic chemicals, fertilize	0.00121	kg SO2 eq
P injection moulding injection moulding Cutoff, S - RER	222:Manufacture of plastics products / 2220:	0.00083	kg SO2 eq
P acrylonitrile-butadiene-styrene copolymer production acrylonitrile-buta	a 201:Manufacture of basic chemicals, fertilize	0.00069	kg SO2 eq
P market for paper, woodfree, uncoated paper, woodfree, uncoated Cut	c 170:Manufacture of paper and paper produc	0.00028	kg SO2 eq
P treatment of waste polyethylene terephthalate, for recycling, unsorted, so	381:Waste collection / 3811:Collection of no	0.00015	kg SO2 eq
P transport, freight, lorry 3.5-7.5 metric ton, EURO6 transport, freight, lorry	492:Other land transport / 4923:Freight trans	0.00010	kg SO2 eq
P transport, freight, lorry >32 metric ton, EURO6 transport, freight, lorry >	492:Other land transport / 4923:Freight trans	4.74125E-5	kg SO2 eq
P market for corrugated board box corrugated board box Cutoff, S - RE	170:Manufacture of paper and paper produc	4.21897E-5	kg SO2 eq
✓ IE Global warming (GWP100a)		1.09159	kg CO2 eq
P styrene-acrylonitrile copolymer production styrene-acrylonitrile copolymer	201:Manufacture of basic chemicals, fertilize	• 0.51693	kg CO2 eq
P acrylonitrile-butadiene-styrene copolymer production acrylonitrile-buta	201:Manufacture of basic chemicals, fertilize	0.22697	kg CO2 eq
P injection moulding injection moulding Cutoff, S - RER	222:Manufacture of plastics products / 2220:	0.17238	kg CO2 eq
P market for paper, woodfree, uncoated paper, woodfree, uncoated Cut	c 170:Manufacture of paper and paper produc	0.05357	kg CO2 eq
P treatment of waste polyethylene terephthalate, for recycling, unsorted, see the second s	381:Waste collection / 3811:Collection of no	0.05000	kg CO2 eq
P transport, freight, lorry 3.5-7.5 metric ton, EURO6 transport, freight, lorry	492:Other land transport / 4923:Freight trans	0.04203	kg CO2 eq
P transport, freight, lorry >32 metric ton, EURO6 transport, freight, lorry >	492:Other land transport / 4923:Freight trans	0.01790	kg CO2 eq
P market for corrugated board box corrugated board box Cutoff, S - RE	170:Manufacture of paper and paper produc	0.01131	kg CO2 eq

Apx. 4 – Sensitivity Analysis Results

Normal sized container+lid	Double sized container+lid	Unit
9.83791e-7	1.14207e-6	kg Sb eq
1.94867e+1	2.01596e+1	MJ
3.35883e-3	3.52262e-3	kg SO2 eq
1.11725e-3	1.22260e-3	kg PO4 eq
6.47916e-1	1.04899e+0	kg 1,4-DB eq
1.09159e+0	1.14635e+0	kg CO2 eq
2.95665e-1	4.01189e-1	kg 1,4-DB eq
2.98143e+3	5.02836e+3	kg 1,4-DB eq
5.72003e-8	6.23524e-8	kg CFC-11 eq
2.52662e-4	2.63185e-4	kg C2H4 eq
2.33254e-3	2.54905e-3	kg 1,4-DB eq
	Normal sized container+lid 9.83791e-7 1.94867e+1 3.35883e-3 1.11725e-3 6.47916e-1 1.09159e+0 2.95665e-1 2.98143e+3 5.72003e-8 2.52662e-4 2.33254e-3	Normal sized container+lid Double sized container+lid 9.83791e-7 1.14207e-6 1.94867e+1 2.01596e+1 3.35883e-3 3.52262e-3 1.11725e-3 1.22260e-3 6.47916e-1 1.04899e+0 1.09159e+0 1.14635e+0 2.95665e-1 4.01189e-1 2.98143e+3 5.02836e+3 5.72003e-8 6.23524e-8 2.52662e-4 2.63185e-4 2.33254e-3 2.54905e-3