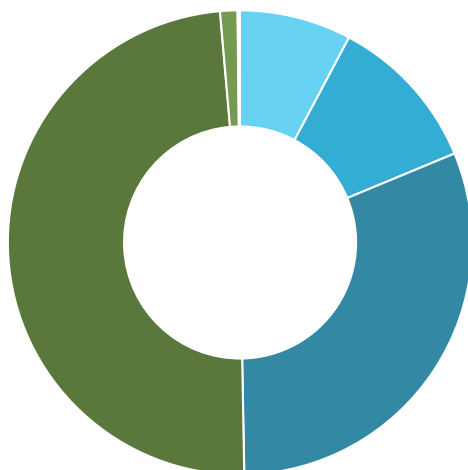


## Washing machine 1990



### Eco-points by impact categories

| Impacts categories         | UBP <sub>DE2018</sub> |        |
|----------------------------|-----------------------|--------|
| Precalculated UBP          | 0                     | 0.0 %  |
| Energy resources           | 8'645                 | 7.8 %  |
| Global warming             | 12'209                | 11.0 % |
| Heavy metals into water    | 34'450                | 31.0 % |
| Main air pollutants and PM | 54'392                | 48.9 % |
| Water pollutants           | 1'357                 | 1.2 %  |
| Water consumption          | 177                   | 0.2 %  |
| Waste                      | 0                     | 0.0 %  |
| <b>Total</b>               | <b>111'230</b>        |        |

### Declaration

|             |               |
|-------------|---------------|
| Internal ID | 2077939       |
| Eco-factors | DE2018        |
| Database    | ecoinvent 3.6 |
| Date        | 29.07.2021    |

## Life cycle inventory

| <b>Emissions into air</b>           | <b>Quantity Unit</b>            |
|-------------------------------------|---------------------------------|
| CO <sub>2</sub>                     | 813'919.9 g CO <sub>2</sub> -eq |
| NMVOC                               | 309.5 g                         |
| NOx                                 | 2'060.1 g                       |
| SO <sub>2</sub>                     | 8'229.5 g                       |
| PM <sub>2.5</sub>                   | 664.8 g                         |
| NH <sub>3</sub>                     | 316.6 g NH <sub>3</sub> -N      |
| <b>Emissions into surface water</b> | <b>Quantity Unit</b>            |
| Nitrogen (as N)                     | 58.9 g                          |
| Phosphorus (as P)                   | 0.1 g                           |
| Nickel                              | 0.2 g                           |
| Zinc                                | 1.9 g                           |
| COD                                 | 173.1 g                         |
| Lead                                | 0.1 g                           |
| Cadmium                             | 0.0 g                           |
| Copper                              | 0.3 g                           |
| PAH                                 | 0.0 g                           |
| <b>Resource consumption</b>         | <b>Quantity Unit</b>            |
| Freshwater                          | 7.8 m <sup>3</sup>              |
| Renewable energy carriers           | 2'064.7 MJ                      |
| Non-renewable energy carriers       | 15'660.8 MJ                     |
| <b>Waste</b>                        | <b>Quantity Unit</b>            |
| Waste, harmless                     | 0.0 g                           |
| Waste, dangerous                    | 0.0 g                           |

## Inventory

| ID           | Name   | Data source | Quantity  | Unit | UBP <sub>DE2018</sub> |
|--------------|--|-------------|-----------|------|-----------------------|
| 1            | copper<br>copper // GLO // market for copper // Id2285   | Database    | 20.000    | kg   | 58'751                |
| 2            | steel<br>steel, low-alloyed, hot rolled // GLO // market for steel, low-alloyed, hot rolled // Id14438   | Database    | 5.000     | kg   | 3'700                 |
| 4            | electronics<br>electronics, for control units // GLO // market for electronics, for control units // Id6324  | Database    | 0.300     | kg   | 12'074                |
| 39           | plastic<br>polyethylene terephthalate, granulate, amorphous // Europe without Switzerland // polyethylene terephthalate, granulate, amorphous, recycled to generic market for amorphous PET granulate // Id12436 | Database    | 10.000    | kg   | 1'007                 |
| 41           | electricity 15 years<br>electricity, low voltage // DE // market for electricity, low voltage // Id5468  | Database    | 1'200.000 | kWh  | 35'698                |
| <b>Total</b> |  |             |           |      | <b>111'230</b>        |