

kg Water

Water is used in significant quantities for construction activities, site preparation and as a material additive/solvent. It is also essential for all known forms of life on earth.

Although water covers approximately 70% of the earth's surface, only a small proportion is readily available for use in construction projects. With a growing population, and increasing demand for housing, construction and infrastructure projects, water is becoming an increasingly scarce resource.

Category *Miscellaneous*

Type *Other chemicals*

Functional unit *kg*

Specific heat *4 200 J/(kg·K)*

Density *1 000 kg/m³*

Common uses
Site preparation, construction activities, material additive, solvent

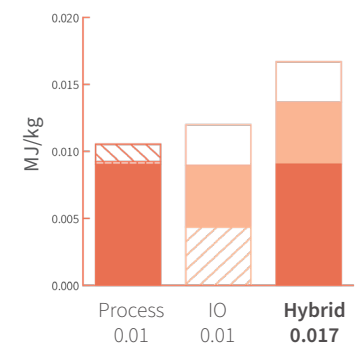
Process name
Tap water, at user, Australia/AU U

Input-output sector
Water Supply, Sewerage and Drainage Services

Further information
doi.org/10.26188/5da558d1e3aa6

TOP THREE INPUTS

- 1.9% Construction Services
- 1.4% Water Supply, Sewerage and Drainage Services
- 1.4% Diesel, burned in building machine/GLO U/AusSD U

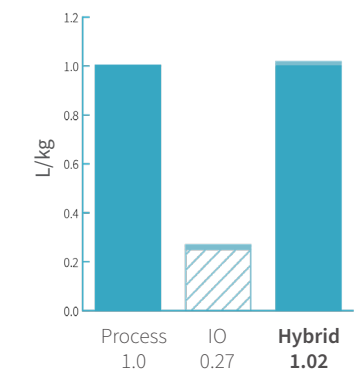


ENERGY

0.017 MJ/kg

TOP THREE INPUTS

- 0.8% Water Supply, Sewerage and Drainage Services
- 0.0% Other Agriculture
- 0.0% Construction Services

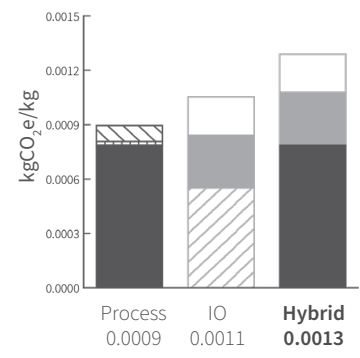


WATER

1.02 L/kg

TOP THREE INPUTS

- 1.8% Water Supply, Sewerage and Drainage Services
- 1.4% Diesel, burned in building machine/GLO U/AusSD U
- 1.2% Construction Services



GREENHOUSE GAS EMISSIONS

0.0013 kgCO₂e/kg

