

Life cycle assessment (LCA)

Assessment of environmental **impact** improvement when switching from JERRYCAN to CHEERTAINER

Punctual values referred to 50,000 units + palletisation and transport for 500 km

20 liter jerrycan UN

LDPE can + HDPE cap
1,004 kg total weight



Environmental impact	Total
Fossil Fuel Use (GJ deprived)	5.109
GHG Emissions (ton CO2 eq.)	213
Water Use (m3)	113.240

20L Cheertainer

Plastic bag+insert+box
0,908 kg total weight



Environmental impact	Total
Fossil Fuel Use (GJ deprived)	1.134
GHG Emissions (ton CO2 eq.)	75
Water Use (m3)	40.649

Impact on total life cycle*



-78% fossil fuel use



-65% GHG emissions



-64% water use

* Average calculation based on actual data and life cycle inventory (LCI) data that represent an industry average for materials, manufacturing processes, and end of life impacts