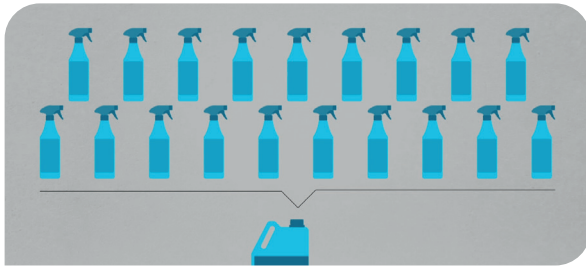


LIFE CICLE ASSESSMENT:
the comparison between concentrated
and ready-to-use detergents.

FOR US, FOR SUSTAINABILITY

Sustainability is now a guiding value for many companies.
The only way to innovate while respecting future generations.



How do I do it?

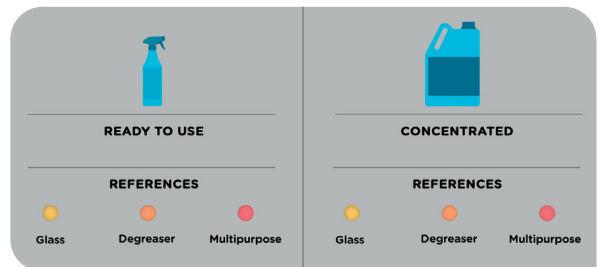
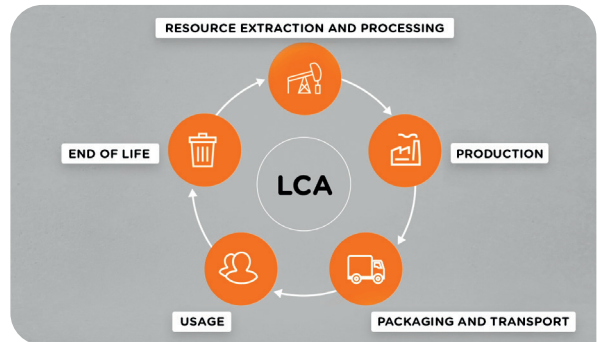
By identifying and minimizing the overall environmental impact of every business decision.

That's what Allegrini has done, by developing its products in concentrated version.

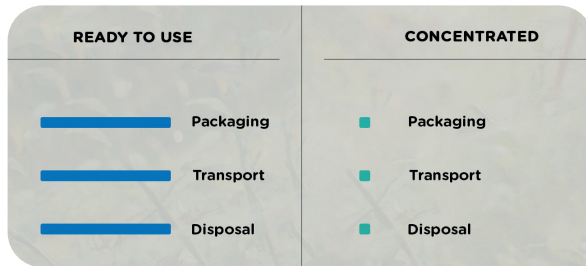
As demonstrated by the LCA study that investigates the environmental impact of a product during its entire life cycle.

Infact, comparing 3 ready-to-use product references (glass, degreaser and multi-purpose) to the same references in concentrated versions, the results are surprising.

The analysis began with dilution, to make the washing function of the concentrated products equivalent to the one of ready-to-use products.



For each of the two versions, production, mixing and packaging processes have been examined along with the transport of the finished product and up to the disposal of packaging materials.



The result?

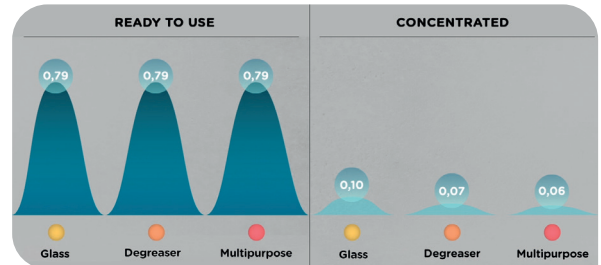
A significantly lower environmental impact of concentrated products compared to ready-to-use products.

The study showed that the more concentrated the product, the less impact it has on the environment.

In fact while the mixing and packaging processes are equally relevant in sustainable terms, the production, transport and disposal processes pollute less as the percentage of products' dilution decreases.

With the concentrated version, for every 1000 litres of product we save **86.4% of CO₂ emissions** compared to the ready-to-use product in the glass reference, **91.5%** for the degreaser reference and **92.8%** for the multipurpose.

So, the kg of CO₂ saved in one year is equivalent to the absorption activity of 12.397 Norway maple trees.



A great green result,
for great clean results.

allegrini.
TOP CLEAN SOLUTIONS

Allegrini S.p.A.

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