



LYRECO LAUNDRY LIQUID EVALUATION



Lyreco Laundry Liquid is a product in the Lyreco Hygiene range.

SCORING METHODOLOGY

A PEF CR for the Laundry Liquid detergents products category was designed by a committee of industry experts and validated by a steering committee chaired by the EC.

This PEF CR makes possible to evaluate the environmental performance of a Laundry Liquid detergent, according to a defined functional unit. This score is the results of the weighted impact evaluation of all environmental indicators at each stages of the product lifecycle.

The score is defined on a common usage basis: 1 dose of product per 1 wash.

It is expressed in micropoints (μPt) and compared with the score of a representative Laundry Liquid detergent (with EU average characteristics). The closer this score is to zero, the less impact it has on the environment.

Lyreco Laundry Liquid is more environmentally friendly than the average laundry liquid with a score of 12.6 vs 18 $\mu\text{Pt}/\text{dose}$.

LIFECYCLE ASSESSMENT

Except for the End-of-life, Lyreco Laundry Liquid performs better than the representative product at each stage of the lifecycle. For the Raw material stage, which is one of the most important one, Lyreco product particularly performs in comparison with the average product. This is also the case for the Manufacturing process.

50% less impact in the Raw Material category: 4.58 vs 8.10 $\mu\text{Pt}/\text{dose}$

30% less impact on the Manufacturing process category: 0.30 vs 0.46 $\mu\text{Pt}/\text{dose}$

LIFECYCLE COMPARED RESULTS (in $\mu\text{Pt}/\text{dose}$)*

	LYRECO DETERGENT	REPRESENTATIVE PRODUCT
RAW MATERIAL	4.58	8.1
PACKAGING	0.77	2.05
MANUFACTURING	0.3	0.46
DISTRIBUTION	0.69	1.22
END-OF-LIFE	6.24	6.13
TOTAL	12.58	17.95
USE PHASE	20.65	20.65
Including water release from the washing machine.		

(*The detailed results of the environmental performance of the Lyreco product ("PEF report" certified by trusted third party EY) can be asked at: group.qss@lyreco.com



40%
GLOBAL WARMING



18%
RESOURCE USE (FOSSILS)



8%
PARTICULATE MATTER

ENVIRONMENTAL INDICATORS

In a detailed evaluation, Climate change, Resource usage (fossils) and Particulate matter are the most impacted environmental indicators.

KEY ENVIRONMENTAL PERFORMANCE FACTORS

Less detergents required to wash 4.5 kg of textiles

Lower amount of chemical

Chemical used are less impacting

NEXT STEPS

Continuous improvement

Encourage our suppliers to adopt the EU PEF methodology

Promote EU PEF to our customers

