

Eco-Pack

Product Life Cycle

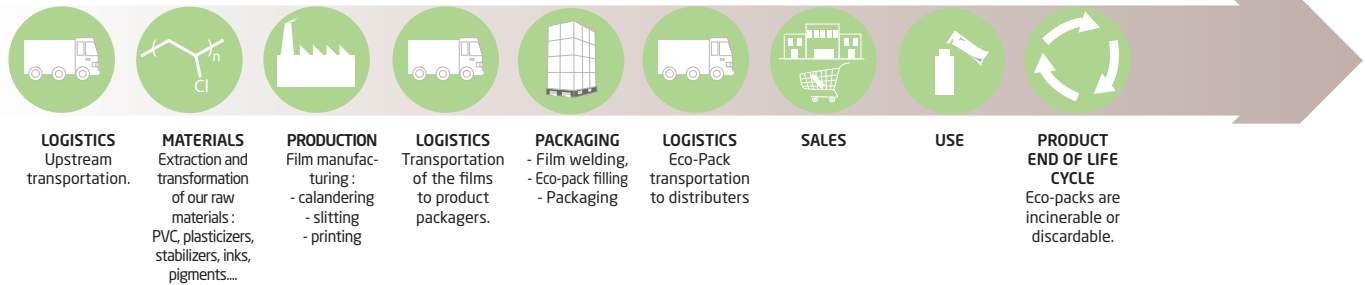


Alkor Draka is the market leader in production of vinyl films for packaging of non-food liquids. The grades we manufacture may be required to contain products such as bleach or fabric softener, but these films not only need to meet the demands of safely containing these liquids, they also need to have the tactile and printable qualities that are essential for appealing to the retail consumer.

Our responsibility in terms of environment and quality is very important to us, which motivated our realization of a study of the life cycle for this product.

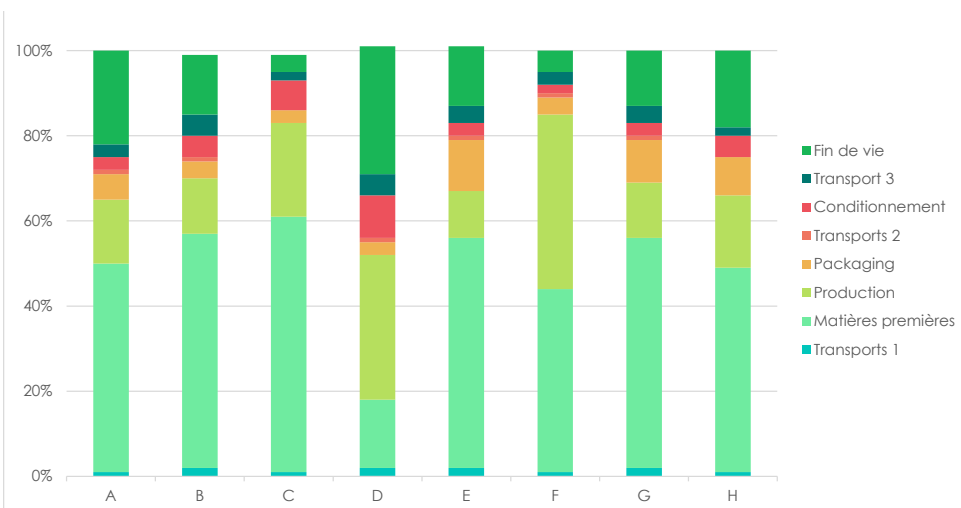
* This study is realized by the SFEC (Enducteur - Calandreur French Union)

PRODUCT LIFE CYCLE



ECO-PACK 0828, 250 ML - LIFE CYCLE OF THE PRODUCT RESULTS

Impact Category	Unit	Total	Transports 1	Materials	Production	Transports 2	Packaging	Transport 3	Product End Of Life
Climate change	kg CO2 eq	3,15E-02	4,57E-04	1,57E-02	4,26E-03	2,12E-04	9,46E-04	9,41E-04	7,19E-03
Mineral resource depletion	kg Sb eq	6,17E-08	1,49E-09	3,54E-08	5,68E-09	6,90E-10	3,28E-09	3,06E-09	9,26E-09
Non renewable energy consumption	MJ	7,24E-01	7,43E-03	4,41E-01	1,53E-01	3,45E-03	5,34E-02	1,53E-02	2,94E-02
Ozone depletion	kg CFC-11 eq	3,66E-09	8,38E-11	5,82E-10	1,19E-09	3,89E-11	3,76E-10	1,73E-10	1,10E-09
Particulate matter	kg PM2,5 eq	1,40E-05	2,79E-07	7,74E-06	1,18E-06	1,30E-07	3,82E-07	5,76E-07	1,98E-06
Photochemical ozone formation	kg NMVOC eq	1,30E-04	2,43E-06	7,25E-05	3,19E-05	1,13E-06	2,79E-06	5,01E-06	8,34E-06
Acidification	molc H+ eq	1,28E-04	2,42E-06	7,08E-05	1,36E-05	1,12E-06	4,41E-06	4,99E-06	1,73E-05
Freshwater eutrophication	kg P eq	7,87E-07	6,57E-09	3,98E-07	1,02E-07	3,05E-09	4,34E-08	1,35E-08	1,45E-07



FOR THE PRODUCTION OF A LITER:

In comparison to plastic bottles, the Eco-Packs have more favorable results in 6 out of 8 environmental impacts.

Climate Change	Eco-Pack	Plastic Bottle
Production of 250 ml	242 m by car	372 m by car

