



**For immediate release**

**Lactips and SmartSolve unveil water-soluble, microplastic-free packaging solutions at Edition Speciale by Luxe Pack show in Paris**

Saint-Paul-en-Jarez (France)/Bowling Green (USA), 17/06/2026 – **Lactips, a French company specialising in the production of natural polymers that are 100% biobased, water-soluble and biodegradable in various environments, is unveiling new plastic-free packaging market-ready applications at Edition Spéciale by Luxe Pack in Paris (June 17–18), developed in partnership with US-based SmartSolve.**

Designed for the beauty, cosmetics and personal care sectors, these co-developed samples showcase a new generation of water-dispersible packaging solutions aligned with growing expectations regarding environmental impact.

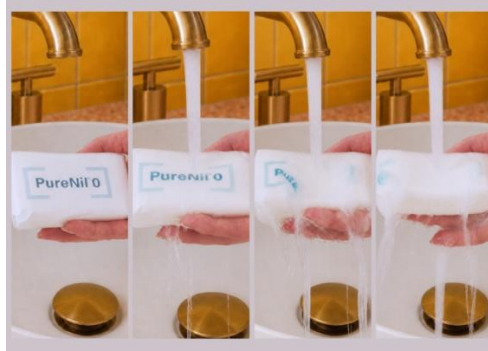
The applications are based on PureNil™ 0, a bio-based functionalized paper developed by SmartSolve, enabling plastic-free flexible packaging that rapidly disperses in water without leaving microplastic residues. These properties offer brands a compelling market-ready alternative to conventional single-use packaging.

This collaboration combines Lactips' expertise in the development, production and marketing of natural polymers with SmartSolve's application-driven approach, opening new pathways for circular packaging innovation.

*"Water-soluble, plastic-free materials have the potential to transform single-use packaging, particularly in beauty and personal care. This collaboration demonstrates how innovation can translate into practical, scalable solutions",* said Bertrand Dupeyroux, VP Sales & Marketing at Lactips.

*"Lactips has been the ideal partner in delivering plastic-free innovation, which has accelerated our journey toward making packaging no longer trash",* explained Jonathan Jakubowski, CEO & Co-Founder at SmartSolve.

This initiative marks the beginning of a broader collaboration aimed at accelerating the adoption of plastic-free packaging solutions worldwide.



## About Lactips

Lactips is a leader in the world of natural polymers that develops, produces and sells plastic-free, 100% biobased plastic that is water-soluble and completely biodegradable in all environments. The unique properties of Lactips products make them an ideal response to environmental challenges in the packaging and labelling markets, as well as for all products related to agriculture and outdoor sports.

The company was founded in 2014 on the basis of research work carried out by Frédéric Prochazka, PhD, a research professor at Université de Saint-Etienne (UMR CNRS 5223). Lactips made a major transition to an industrial company in 2022 by opening its first production unit and welcoming Alexis von Tschammer as CEO and Bertrand Dupeyroux as Director of Sales & Marketing. Lactips now has 40 employees.

For more information: <https://www.lactips.com/>

## About SmartSolve

SmartSolve pioneers certified, bio-based, water-soluble packaging technologies that empower consumers and businesses to effortlessly reduce waste. Co-founded by Al Caperna and Jonathan Jakubowski in 2016 with a simple but bold vision: to make packaging no longer trash. SmartSolve has grown into a 55,000 square foot facility and recently received the JobsOhio Research and Development Grant, reflecting its continued commitment to innovation and patented technology.

The company offers a full portfolio of water-soluble materials including paper, labels, and pouches. In its latest flexible packaging innovation, SmartSolve partnered with Lactips to develop PureNil™ 0 — the world's first plastic-free, dispersible, printable, flexible packaging substrate.

For more information: <https://smartsolve.com/purenil-0-pouch-stock/>

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