



A bio-based glycol for more sustainable inks

A petroleum-free humectant and bio-solvent

We believe that major strides in innovation can leave smaller environmental footprints. From performance polymers to inks, adhesives, coatings, binders, polyurethanes, and bio-solvents, our 100% bio-based Susterra[®] propanediol (1,3-propanediol or PDO) continues to unlock the power of nature to enable more sustainable solutions that never sacrifice performance.

Performance comes naturally

Susterra[®] propanediol is 100% plant-based, petroleum-free, and offers high-performing, sustainable solutions for a wide range of inks and coatings applications. And because it's renewably sourced, Susterra[®] propanediol generates up to 48% less greenhouse gas emissions cradle-to-gate compared to common petrochemical-sourced alternatives.



Harvest



Fermentation



Refining

Renewably sourced. Regeneratively farmed.

Susterra[®] propanediol is bio-based, USDA BioPreferred[®] Certified, and GMO-free. Susterra[®] propanediol is renewably sourced from a regeneratively farmed industrial dent corn feedstock that is certified by the USDA BioPreferred[®] program as a 100% bio-based ingredient—helping you boost your renewable content while reducing your carbon footprint.





Inks made with Susterra® PDO are:

- Fully miscible with water
- Clear and transparent
- Low toxicity
- 100% bio-based

Say goodbye to petroleum-based glycol

When used as a humectant in inks, Susterra® propanediol can replace propylene glycol (PG) and/or glycerine without sacrificing performance. In resins specifically designed for inks, Susterra® propanediol can also function as a diol replacement to produce a variety of bio-based polyols.

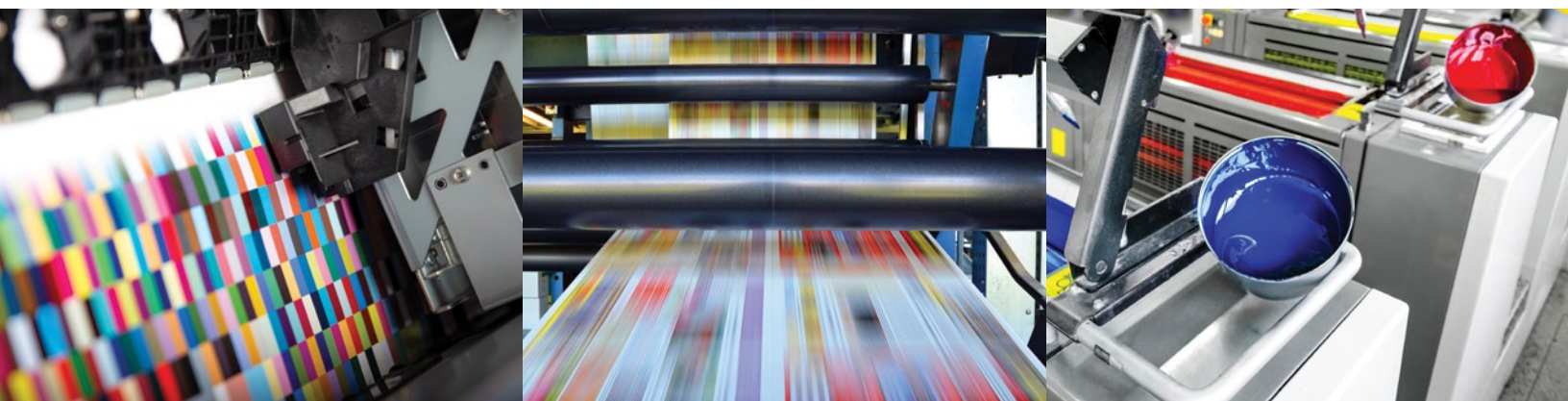
Create eco-friendly inks for planet-friendly printing

We're committed to helping companies achieve their short- and long-term goals for increasing biobased materials in ink formulations. Susterra® propanediol enables partial or 100% replacement of petroleum-based glycols depending on the type of resin and characteristics needed.

More possibilities for sustainable performance and functionality

Susterra® propanediol delivers the right properties and dry performance when used as humectant. In polyester toner binders, research has shown that Susterra® propanediol can lead to improved toner to paper fixing at lower temperatures.

At CovationBio PDO, our innovative biotechnology continues to enable better-performing, better-for-the-planet products across a range of industries. Learn how Susterra® propanediol is redefining what's possible without petroleum at CovationBioPDO.com.



COVATIONBIO|PDO

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