

Supporting Information (SI) for

**Critical review on Sustainability in Denim: A step towards
sustainable production and consumption of denim**

Aravin Prince Periyasamy^{1}, Saravanan Periyasami²*

¹Department of Bioproducts and Biosystems, School of Chemical Engineering, Aalto
University, Espoo, 02150, Finland.

²R&D manager laundry operations, Thuan phuong co.,ltd (garments -embroideries), Vietnam.

*Corresponding author (APP): aravinprince.periyasamy@aalto.fi &
(aravinprincep@gmail.com)

Number of Pages: 2

Number of figures: 3

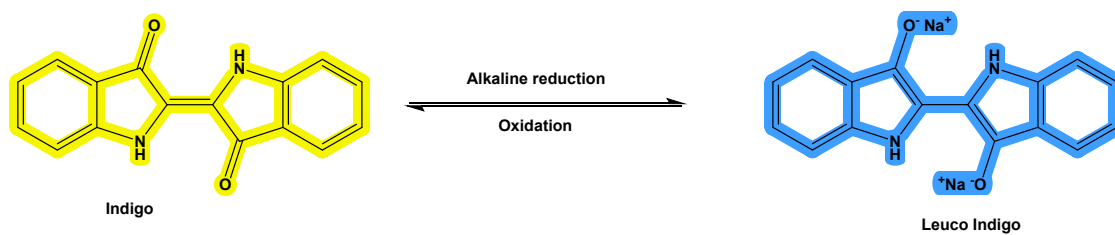


Figure S1. Oxidation-reduction reaction of indigo.

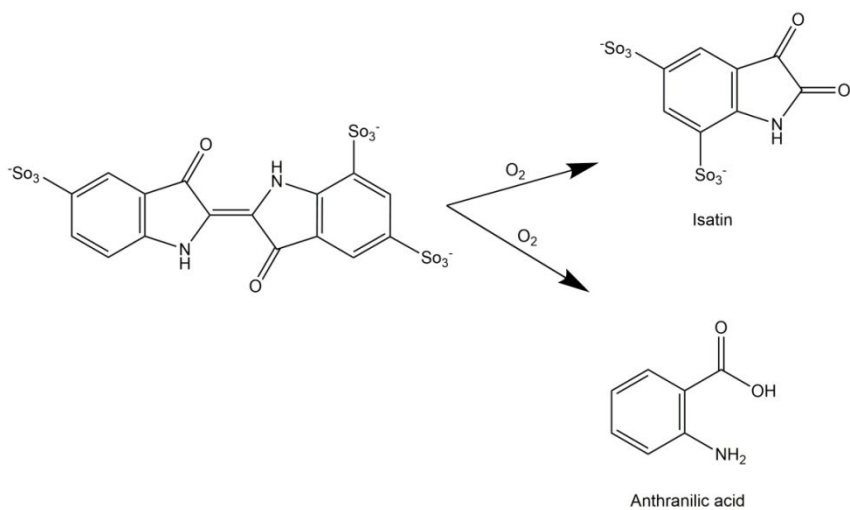


Figure S2. Schematic mechanism of denim bleaching with ozone.

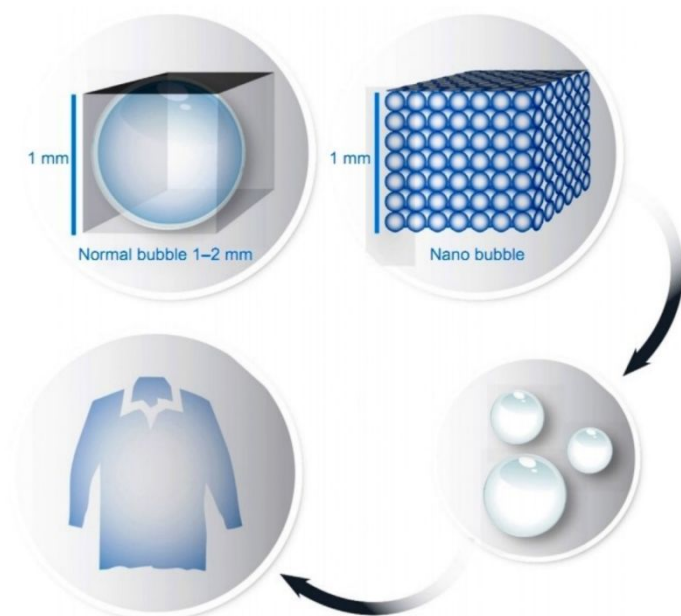


Figure S3. e-flow process for denim.