

Peer Review

Review of: "Human Health Risks from Textile Chemicals: A Critical Review of Recent Evidence (2019-2025)"

Arnob Dhar Pranta¹

1. Textile engineering, Mawlana Bhashani Science And Technology University, Bangladesh

The manuscript presents a timely and comprehensive review of hazardous chemicals in textiles, effectively highlighting key compounds like phthalates, PFAS, and azo dyes, along with their health risks. Its strengths lie in covering recent literature, regulatory gaps, and emerging concerns such as chemicals in face masks and colored textiles. However, the review lacks critical depth in synthesizing conflicting findings and tends to be overly descriptive at times. The absence of a PRISMA diagram or summary table limits transparency, and the discussion on certification standards remains superficial. Furthermore, it misses the opportunity to offer strong, actionable recommendations and does not adequately address long-term, low-dose exposure risks. Overall, while informative, the review would benefit from more analytical insight and a clearer structure.

Declarations

Potential competing interests: No potential competing interests to declare.