The Promise and Pitfalls of Biodegradable Balloons

Umrah James*

Department of Biochemistry, University of Haiti, Haiti

Abstract

In recent years, biodegradable balloons have emerged as a greener alternative to traditional latex and foil balloons, promising to alleviate the environmental impact associated with balloon use. While the concept of biodegradable balloons is appealing, understanding their composition, degradation process, and overall effectiveness is crucial for assessing their true environmental benefits.

***Corresponding author:** Umrah James, Department of Biochemistry, University of Haiti, Haiti, E-mail: umrah78@ghotmail.com

Received: 02-Sept-2024, Manuscript No: jbrbd-24-144912, **Editor Assigned:** 04-Sept-2024, pre QC No: jbrbd-24-144912 (PQ), **Reviewed:** 19-Sept-2024, QC No: jbrbd-24-144912, **Revised:** 23-Sept-2024, Manuscript No: jbrbd-24-144912: (R), **Published:** 30-Sept-2024, DOI: 10.4172/2155-6199.1000646

Citation: Umrah J (2024) The Promise and Pitfalls of Biodegradable Balloons. J Bioremediat Biodegrad, 15: 646.

alternatives, and biodegradable foil balloons o er some improvements, the potential for environmental harm remains signi cant. By understanding the limitations and adopting responsible practices, we can better manage balloon use and mitigate its impact on the environment. Exploring and supporting truly sustainable alternatives will be crucial in the ongoing e ort to balance celebrations with ecological responsibility.

References

1. Pope CA, Verrier RL, Lovett EG, Larson AC, Raizenne ME, et al. (1999) Heart rate variability associated with particulate air pollution. Am Heart J 138: 890-899.
2. Samet J, Dominici F, Curriero F, Coursac I, Zeger S (2000) Fine particulate air pollution and mortality in 20 US cities, 1987-1994. N Engl J Med 343: 1742-17493.
3. https://www.worldcat.org/title/biological-methods-for-assessment-and-remediation-of-contaminated-land-case-studies/oclc/50136350
4. Coulon F, Al Awadi M, Cowie W, Mardlin D, Pollard S, et al. (2010) When is a soil remediated? Comparison of biopiled and windrowed soils contaminated with bunker-fuel in a full-scale trial. Environ Pollut158: 3032-3040.
5. Hobson AM, Frederickson J, Dise NB (2005) CH4 and N2O from mechanically turned windrow and vermincomposting systems following in-vessel pre-treatment. Waste Manag 25: 345-352.
6. Mohan SV, Sirisha K, Rao NC, Sarma PN, Reddy SJ (2004) Degradation of chlorpyrifos contaminated soil by bioslurry reactor operated in sequencing batch mode: bioprocess monitoring. J Hazard Mater 116: 39-48.
7. Nikolopoulou M, Pasadakis N, Norf H, Kalogerakis N (2013) Enhanced ex situ bioremediation of crude oil contaminated beach sand by supplementation with nutrients and rhamnolipids. Mar Pollut Bull 77: 37-44.
8. https://onlinelibrary.wiley.com/doi/abs/10.1128/9781555817596.ch5
9. Paudyn K, Rutter A, Rowe RK, Poland JS (2008) Remediation of hydrocarbon contaminated soils in the Canadian Arctic by landfarming. Cold Reg Sci Technol 53: 102-114.
10. Volpe A, D'Arpa S, Del Moro G, Rossetti S, Tandoi V, et al. (2012) Fingerprinting hydrocarbons in a contaminated soil from an Italian natural reserve and assessment of the performance of a low-impact bioremediation approach. Water Air Soil Pollut 223: 1773-1782.