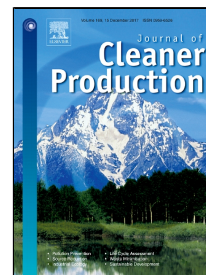


Accepted Manuscript

Life cycle assessment of flame retardant cotton textiles with optimized end-of-life phase



Sohail Yasin, Nemeshwaree Behary, Anne Perwuelz, Jinping Guan

PII: S0959-6526(17)32506-4
DOI: 10.1016/j.jclepro.2017.10.198
Reference: JCLP 10990
To appear in: *Journal of Cleaner Production*
Received Date: 16 February 2017
Revised Date: 19 September 2017
Accepted Date: 18 October 2017

Please cite this article as: Sohail Yasin, Nemeshwaree Behary, Anne Perwuelz, Jinping Guan, Life cycle assessment of flame retardant cotton textiles with optimized end-of-life phase, *Journal of Cleaner Production* (2017), doi: 10.1016/j.jclepro.2017.10.198

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

An LCA is conducted for the flame retardant cotton curtain.

An eco-path disposal treatment is proposed for the end-of-life phase of flame retardant textiles.

The end-of-life scenarios are compared with usual landfill and incineration with applied eco-path treatment disposals.

Improvement in all impact categories was demonstrated in the end-of-life phase of flame retardant textile.

Download English Version:

<https://daneshyari.com/en/article/8100175>

Download Persian Version:

<https://daneshyari.com/article/8100175>

[Daneshyari.com](https://daneshyari.com)