Accepted Manuscript

Environmental impacts of detergents and benefits of their recovery in the laundering industry

Mattia Giagnorio, Antonio Amelio, Henrik Grüttner, Alberto Tiraferri

PII: S0959-6526(17)30708-4

DOI: 10.1016/j.jclepro.2017.04.012

Reference: JCLP 9363

To appear in: Journal of Cleaner Production

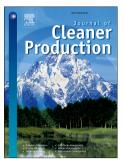
Received Date: 30 November 2016

Revised Date: 31 March 2017

Accepted Date: 2 April 2017

Please cite this article as: Giagnorio M, Amelio A, Grüttner H, Tiraferri A, Environmental impacts of detergents and benefits of their recovery in the laundering industry, *Journal of Cleaner Production* (2017), doi: 10.1016/j.jclepro.2017.04.012.

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.



ACCEPTED	MAN	USCRIPT
----------	-----	---------

1	Environmental Impacts of Detergents and Benefits
2	of their Recovery in the Laundering Industry
3	
4	SECOND REVISION
5	Journal of Cleaner Production
6	March 2017
7	
8	
9	Mattia Giagnorio ^a , Antonio Amelio ^a *, Henrik Grüttner ^{b,} Alberto Tiraferri ^a
10	
11	^a Department of Environment, Land and Infrastructure Engineering (DIATI),
12	Politecnico di Torino
13	Corso Duca degli Abruzzi 24, 10129 Torino, Italy
14	mattia.giagnorio@polito.it (Mattia Giagnorio), Tel +39 0110907670
15	alberto.tiraferri@polito.it (Alberto Tiraferri), Tel +39 0110907628
16	
17	^b Department of Chemical Engineering, Biotechnology and Environmental Technology
18	University of Southern Denmark
19	Campusvej 55, 5230 Odense M, Denmark
20	hegru@kbm.sdu.dk (Henrik Grüttner), Tel +45 20585076
21	
22	*to whom correspondence should be addressed: email: antonio.amelio@polito.it , Tel +39 0110907670
23	

Download English Version:

https://daneshyari.com/en/article/5479766

Download Persian Version:

https://daneshyari.com/article/5479766

Daneshyari.com