Green Chemistry



CORRECTION

View Article Online
View Journal | View Issue



Cite this: *Green Chem.*, 2015, **17**, 5206

Correction: A solvent selection guide based on chemometrics and multicriteria decision analysis

Marek Tobiszewski,^a Stefan Tsakovski,^b Vasil Simeonov,^b Jacek Namieśnik^a and Francisco Pena-Pereira*^{a,c}

DOI: 10.1039/c5gc90060c

www.rsc.org/greenchem

Correction for 'A solvent selection guide based on chemometrics and multicriteria decision analysis' by Marek Tobiszewski et al., Green Chem., 2015, 17, 4773–4785.

The authors would like to note that the sentence "Overall rankings for GCI-PR, GSK and AstraZeneca guides were obtained by conversion of the specific numerical values given for safety, health and environmental hazards, according to ACS GCI SSG". 11 (page 4782) is incorrect. The correct version of the sentence should read: "Overall rankings for GCI-PR, GSK and AstraZeneca Guides were obtained by conversion of the specific numerical values given for safety, health and environmental hazards, according to the transformation approach proposed by CHEM21". 13

Additionally, the preference categories of some solvents present in Tables 4–6 were not provided or classified appropriately for previously reported solvent selection guides. The correct categories for these solvents are displayed below.

Solvent	Pfizer ⁶	GCI-PR ¹¹	GlaxoSmithKline ¹⁰	AstraZeneca ⁷	Sanofi ¹²	CHEM21 ¹³
Table 4						
Dichloromethane	Undesirable	Undesirable	Undesirable	Usable	Substitution advisable	To be confirmed
Toluene	Usable	Undesirable	Usable	Usable	Substitution advisable	Problematic
Chlorobenzene	_	Usable	Preferred	Undesirable	Substitution advisable	Problematic
Carbon tetrachloride	Undesirable	Undesirable	Undesirable	_	Banned	Highly hazardous
Table 5						
Hexane	Undesirable	Undesirable	Undesirable	Undesirable	Substitution requested	Hazardous
Table 6					•	
Ethanol	Preferred	Preferred	Preferred	Preferred	Recommended	Recommended
Benzyl alcohol	_	Preferred	Preferred	—	Substitution advisable	To be confirmed
Ethyl lactate	_	_	_	_	_	_
2-Butanone	Preferred	Usable	Preferred	Usable	Recommended	To be confirmed
Ethyl acetate	Preferred	Usable	Preferred	Preferred	Recommended	Recommended
tert-Butyl alcohol	Preferred	Usable	Preferred	Usable	Substitution advisable	To be confirmed

The Royal Society of Chemistry apologises for these errors and any consequent inconvenience to authors and readers.

^aDepartment of Analytical Chemistry, Chemical Faculty, Gdańsk University of Technology (GUT), 11/12 G. Narutowicza St., 80-233 Gdańsk, Poland

bChair of Analytical Chemistry, Faculty of Pharmacy and Chemistry, University of Sofia "St. Kl. Okhridski", J. Bourchier Blvd. 1, 1164 Sofia, Bulgaria

CDepartment of Analytical and Food Chemistry, Faculty of Chemistry, University of Vigo, Campus As Lagoas-Marcosende s/n, 36310 Vigo, Spain. E-mail: fjpena@uvigo.es