

## Erratum to: NanoRiskCat: a conceptual tool for categorization and communication of exposure potentials and hazards of nanomaterials in consumer products

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**Erratum to: J Nanopart Res16:2195 (2014)**  
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The original version of this article unfortunately contained two mistakes. There were discrepancies in Fig. 3 and Table 5 that have to be corrected as follows:

(a) The “BCF > 50” which appear in Fig. 3 on page 9 has replaced with “BMF > 0.1”; (b) The red and yellow dot inserted in Table 5 for the environmental exposure potential and human health aspects of “Carbon nanotubes used to stiffen Babolat\_ NSTM Tour TennisRacket” has been replaced with a gray and red dot, respectively.

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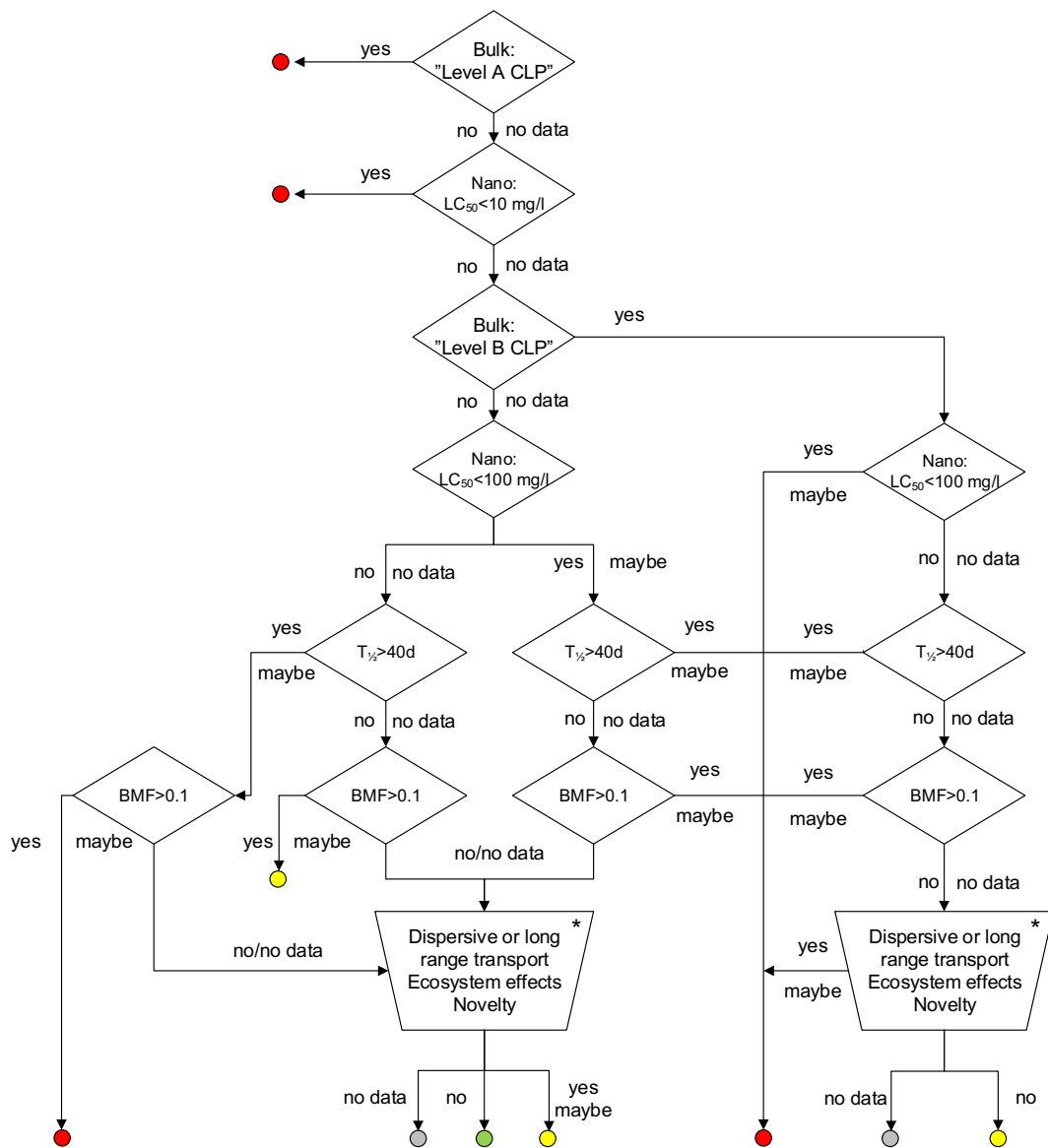
The online version of the original article can be found at <http://dx.doi.org/10.1007/s11051-013-2195-z>

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The following shows the corrected Fig. 3



\*outcome will be based on a written evaluation

**Fig. 3** Road-map for assigning an environmental hazard color code in NanoRiskCat. Red, yellow, and green indicate high, medium, and low indication of effect whereas gray indicates too

limited data to make an assessment. Asterisk at least one “maybe” and the rest “no” or “no data”

The following shows the corrected Table 5.

**Table 5** NanoRiskCat profiles for the eight different nanoproducts

	Use sentence	Exposure			Effect		Hazard Sentences	
		Professional end-users	Consumers	Environment	Human health	Environmental effects	Health hazard sentence	Environmental effect sentence
1.	Nanosilver used in NANOVER™ Cleansing Soap	1	1	2	2	2	HH 7b and 8b. Based on <i>in vivo</i> and <i>in vitro</i> evidence of a combination of two or more of the following i.e. one of the following genotox/mutagenicity, respiratory effect, cardiovascular effect, acute neurotoxic effect, reproductive damage, carcinogenicity, organ accumulation	EE 2. Based on nanospecific LC50 or EC50 < 10 mg/l
2.	C60 used in Bardahl XTC C60 5W40 synthetic special oil	1	1	2	2	2	HH 7b. Based on <i>in vivo</i> evidence of a combination of two or more of the following i.e. one of the following genotox/mutagenicity, respiratory effect, cardiovascular effect, acute neurotoxic effect, reproductive damage, carcinogenicity, organ accumulation	EE 2. Based on nanospecific LC50 or EC50 < 10 mg/l
3.	Carbon nanotubes used to stiffen Babolat® NS™ Tour Tennis Racket	1	1	2	2	2	HH 1. Based on evidence of HARN	EE 3. Based on possible or confirmative evidence of nanospecific L50 or EC50 < 100 mg/l and T1/2 > 40 d
4.	TiO2 used in Babyliss Pro Stylist Tools Nano Titanium Satin Straightener	1	1	2	2	2	HH 8b. Based on <i>in vitro</i> evidence of a combination of two or more of the following i.e. one of the following genotox/mutagenicity, respiratory effect, cardiovascular effect, acute neurotoxic effect, reproductive damage, carcinogenicity, organ accumulation	EE 2. Based on nanospecific LC50 or EC50 < 10 mg/l
5.	25 nm Zinc Oxide nanoparticles used in UVA and UVB reflecting Solar Rx SPF 30+ Nano-Zinc Oxide Sunblock	1	1	2	2	2	HH 8b. Based on <i>in vitro</i> evidence of a combination of two or more of the following i.e. one of the following genotox/mutagenicity, respiratory effect, cardiovascular effect, acute neurotoxic effect, reproductive damage, carcinogenicity, organ accumulation	EE 1. Based on bulk CLP classification of Acute 1 or Chronic 1 or Chronic 2
6.	NanoCotz™ Eco-Clean protective silicon dioxide coating	1	1	2	2	2	HH 7b. Based on <i>in vivo</i> evidence of a combination of two or more of the following i.e. one of the following genotox/mutagenicity, respiratory effect, cardiovascular effect, acute neurotoxic effect, reproductive damage, carcinogenicity, organ accumulation	EE 2. Based on nanospecific LC50 or EC50 < 10 mg/l
7.	Gold used in Chantecaille Nano Gold Energizing Cream	1	1	2	2	2	HH 13. Based on <i>in vivo</i> evidence indicating at least one hazard from testing of the nanomaterial	EE 3. Based on possible or confirmative evidence of nanospecific L50 or EC50 < 100 mg/l and T1/2 > 40 d
8.	Unknown nanomaterial used in Percenta AG Nano Synthetic Material Sealant	1	1	2	2	2	HH 20. Based on the identity of the nanomaterial not being disclosed or available, which hampers any human hazard evaluation	EE 13. Based on the identity of the nanomaterial not being disclosed or available, which hampers any environmental hazard evaluation

The authors apologize to readers for these errors.