

Accepted Manuscript

Title: Potential risks of TiO₂ and ZnO nanoparticles released from sunscreens into outdoor swimming pools

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PII: S0304-3894(16)30555-6
DOI: <http://dx.doi.org/doi:10.1016/j.jhazmat.2016.05.099>
Reference: HAZMAT 17788

To appear in: *Journal of Hazardous Materials*

Received date: 28-12-2015
Revised date: 30-5-2016
Accepted date: 31-5-2016

Please cite this article as: Soo-kyung Jeon, Eun-ju Kim, Jaesang Lee, Seunghak Lee, Potential risks of TiO₂ and ZnO nanoparticles released from sunscreens into outdoor swimming pools, *Journal of Hazardous Materials* <http://dx.doi.org/10.1016/j.jhazmat.2016.05.099>

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Potential risks of TiO₂ and ZnO nanoparticles released from sunscreens into outdoor swimming pools

Soo-kyung Jeon, Eun-ju Kim, Jaesang Lee and Seunghak Lee

Highlights:

- Nanoparticles from sunscreen products can be released into public pools.
- Nanoparticles and organic ingredients can generate reactive oxygen species (ROS).
- A negative impact of ROS should not be significant in swimming pool.

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