

APPENDIX 1: NanoRiskCat Template

Germ Guardian 2-in-1 Handvac with UV-C Air Sanitizer with Nano-Silver Technology produced by Germ Guardian™

Nanomaterial description

1. **Material source or producer: Not reported**
2. **Manufacturing process: Not reported**
3. **Appearance: Not reported**
4. **Chemical composition: Ag**
5. **Physical form/shape: Not reported**
6. **Purity: Not reported**
7. **Size distribution: Not reported**
8. **Solubility: Not reported**
9. **State of aggregation or agglomeration: Not reported**
10. **CAS number (if applicable): Not reported**

Product description

Handheld vacuum cleaner claimed to use: “Nano-silver technology in the dirt cup of the hand vac, fights the growth of odor-causing bacteria and mold.” Location of the nanoelements is unclear.

Applications

Exposure potential for professional end-users

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Given the nature of the product and the fact that “Nano-silver technology” is used in the dirt cup located inside the vacuum cleaner, exposure for professional end-users is not to be expected.

Hence we concluded that the overall Exposure potential for professional end-users is ●

Consumer exposure potential

Given the nature of the product and the fact that “Nano-silver technology” is used in the dirt cup located inside the vacuum cleaner, exposure for consumers is not to be expected.

Hence we concluded that the overall Exposure potential for professional end-users is ●

Environmental exposure potential

Environmental exposure to is expected to be limited, but could happen when the dirt cup is emptied.

Hence we concluded that the overall Environmental exposure potential is ●