

APPENDIX 1: NanoRiskCat Template

200 C Nano-silver Straightener HP4642 produced by Phillips

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

Hair straightener. The location of the nanoelement of the products is assumed to be located on the surface of the product.

Applications

Exposure potential for professional end-users

Given the nature of the product and the location of the nanoelement, exposure for professional end-users seems to be possible.

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

Consumer exposure potential

Given the nature of the product and the location of the nanoelement, consumer exposure seems to be possible.

Hence we concluded that the overall Exposure potential for consumers is ●

Environmental exposure potential

Given the nature of the product and the location of the nanoelement, environmental exposure seems to be possible especially in relation to use and washing as water and effluents might enter the environment via sewage treatment plant.

Hence we concluded that the overall Environmental exposure potential is ●