APPENDIX 1: NanoRiskCat●●●|♦♦ Template

Nanowhitening produced by Swissdent

Nanomaterial description

1. **Material source or producer: Not reported**
2. **Manufacturing process: Not reported**
3. **Appearance: Not reported**
4. **Chemical composition: CaO2**
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

Toothpaste claimed to contain "Calcium Peroxides, in the form of nano-particles… Nanoparticles are assumed to be suspended in liquid.

Applications

Exposure potential for professional end-users

Given the nature of the product and the location of the nanoelement, exposure for the professional end-users is to be expected as the product is to be used directly on the teeth.

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

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Consumer exposure potential

Given the nature of the product and the location of the nanoelement, consumer exposure is to be expected as the product is to be used directly on the teeth.

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 is to be expected especially during use. The main outlets to the environment are expected after use either directly into the water recipients and/or indirectly via the Sewage Treatment Plants into water recipient and soil.

Hence we concluded that the overall ***Environmental exposure potential is*** ●