APPENDIX 1: NanoRiskCat●●●|♦♦ Template

Nanogen® Nanogaine produced by Nanogen® Products

Nanomaterial description

1. **Material source or producer: Not reported**
2. **Manufacturing process: Not reported**
3. **Appearance: Not reported**
4. **Chemical composition: Not reported**
5. **Physical form/shape: Fiber**
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 product. Producers state that the: "Nanogaine is a hair loss treatment that has been shown to:

* Help to ward off hair loss by inhibiting Free Radicals and Sebum output

* Stimulate hair growth by expanding the Anagen (growth) phase and shortening the Telogen (resting) phase of the hair

* Reduce inflammation in the hair follicle"

Although the nanomaterial used in not reported, it is assumed that the material is suspended in liquids.

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Applications

Exposure potential for professional end-users

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

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 during use, consumer exposure is to be expected as the product is to be used directly on the scalp.

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, bathing and wash. 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*** ●