

Nanogen[®] Nanofibers 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: “Nanofibres are applied quickly and without mess by simply shaking the container over the thinning area, releasing thousands of the microscopic color-matched hair fibers, which intertwine with, and branch off of your natural existing hairs. Charged with static electricity, they bond in fir tree patterns along the hair fiber so securely that they will stay in place all day, in strong winds and rain, and will not stain or smear, but can be easily washed out with a shampoo wash. 1. Charged with static electricity, the microscopic fibers cling to the hair.”

Although the nanomaterial used in not reported, it is assumed that the nanofibers become airborne when released onto the hair.

APPENDIX 1: NanoRiskCat Template

Applications

APPENDIX 1: NanoRiskCat●●●|◆◆ Template

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 via. Some inhalation must furthermore be assumed.

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 via. Some inhalation must furthermore be assumed.

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** ●