APPENDIX 1: NanoRiskCat●●●|♦♦ Template

Platinum Silver Nanocolloid Milky Essence produced by DHC Skincare

Nanomaterial description

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

Skin moisturizer. Nanoparticles are suspected to be suspended in liquid as the producers claim that: “Silver lining. This light-textured booster is an integral step in helping to minimize the appearance of wrinkles and dark spots thanks to absorptive, antioxidant-rich platinum and silver nanocolloids. Hydrating botanicals, such as coenzyme Q10—rich olive leaf extract, in this silky serum help maintain younger-looking skin. For best results, apply after toning and before Platinum Silver Nanocolloid Cream.” (http://www.dhccare.com/DHC/ProductDetail.aspx?ProductID=3001)

Applications

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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 skin.

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 is to be expected as the product is to be used directly on the skin.

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 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*** ●