

# Nano Digital Iron produced by CHI<sup>®</sup> Cationic Hydration Interlink

## 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

Flat iron. Manufacturers claims that: “Nano Silver Technology eliminates bacteria from appliances to promote a germ-free zone of protection for the health and safety of stylists and clients” which indicates that the nanoelement is located on the surface of the curling iron.

## Applications

## Exposure potential for professional end-users

## APPENDIX 1: NanoRiskCat | Template

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

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 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 possible either directly via general usage and cleaning of the product or indirectly after curled hair is washed.

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