

# Nano Facial Ionic Steamer EH-2424 produced by Panasonic® Hong Kong

## 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: 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

Facial steamer. Producers claim that the: “Size of Ionic steam is 1/8000 that of ordinary steam by utilizing Nano technology. Heat is at a temperature 5 degrees higher than body temperature, Deep moisturizing, enhancing collagen, closing pores, reducing wrinkles and balancing excessive facial oil Fancy design and user friendly” and that “Steam comes out within 30 seconds and last for 10 minutes”. Although the nanomaterial used in not reported, it is assumed that the nanoparticles are airborne.

## Applications

## APPENDIX 1: NanoRiskCat Template

### 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 facial skin via exposure to steam. 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, consumer exposure is to be expected as the product is to be used directly on the facial skin via exposure to steam. 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** ●