Germ Guardian™ Digital and Manual Ultrasonic Humidifiers with Nano-Silver Technology produced by Germ Guardian™

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

Air humidifier. Producers claim that: "The Germ Guardian™ Digital Ultrasonic Humidifier (H-3000) uses nano-silver technology to prevent mold and bacteria from growing in the water tank." Location of the nanoelements is unclear.

Applications

Exposure potential for professional end-users

Given the nature of the product and the fact that "Nano-silver technology" is used in the water tank located inside the humidifier, exposure for professional end-users is possible as silver must

be expected to be released into the water from the inside to the water tank and subsequently sprayed into the air.

Hence we concluded that the overall ***Exposure potential for professional end-users is*** ●

Consumer exposure potential

Given the nature of the product and the fact that "Nano-silver technology" is used in the water tank located inside the humidifier, consumer exposure is possible as silver must be expected to be released into the water from the inside to the water tank and subsequently sprayed into the air.

Hence we concluded that the overall ***Exposure potential for consumers is*** ●

Environmental exposure potential

Given the nature of the product and the fact that "Nano-silver technology" is used in the water tank located inside the humidifier, environmental exposure is possible as silver must be expected to be released into the water from the inside to the water tank and subsequently sprayed into the air.

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