

AlkaStick Water energizer produced by Alkaline

Nanomaterial description

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

Stick that can be put into water in order to improve the pH value of tap water and reverse osmosis according to the manufacturers. Ingredients include:

- Tourmaline stone (energizes)
- Maifanshi stone (releases valuable trace elements, similar to pheal® coral fracture, binds heavy metals at the same time).
- Far infrared stones (energize, ionize),
- Nano silver powder (disinfects),
- Calcium ions (alkalize),
- PI stones (energize)

Applications

APPENDIX 1: NanoRiskCat Template

Put into 500 ml bottle of room tempered water, shake well for 30 seconds and let rest for 15-20 minutes according to the manufacturers. About 2000 liters can be created with lineary decreasing performance.

Exposure potential for professional end-users

The location of the nanoelement in this product is not specified by the manufacturers in their product description, but it is assume that nanosilver or silver ion will have to be released to the created water in order for it to work as a disinfectant. Exposure is to be expected mainly via oral route of exposure.

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

Consumer exposure potential

As in the case of exposure to the professional end-user, the location of the nanoelement in this product is not specified by the manufacturers in their product description, but it is assume that nanosilver or silver ion will have to be released to the created water in order for it to work as a disinfectant. Exposure is to be expected mainly via oral route of exposure.

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

Environmental exposure potential

Given the nature of the product environmental exposure is to be expected. 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** ●