

## Daewoo<sup>®</sup> Refrigerator produced by Daewoo<sup>®</sup>

### 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

Refrigerator. The location of the nanoelement of the products is assumed to be located on the surface on the inside of the refrigerator as manufacturers state that: "...silver particles circulate through the fridge to repel bacteria keeping food fresher longer."

### Applications

#### Exposure potential for professional end-users

Given the nature of the product and the location of the nanoelement, exposure for professional end-users seems to be possible. Main contact zones is the skin. It is unclear whether food can get in contact with nanosilver.

## APPENDIX 1: NanoRiskCat Template

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 to be possible. Main contact zones is the skin. It is unclear whether food can get in contact with nanosilver.

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 to be possible during use and cleaning.

Hence we concluded that the overall Environmental exposure potential is 