



P.M.C. 20711

# Product Specification Report

2.0/58840005/1220

**Concentrated disinfectant and cleaner effective against a broad spectrum of bacteria, fungi and virus.**

## BIOTECT AV

Cleaner and disinfectant for surfaces

### FEATURES:

|                             |   |
|-----------------------------|---|
| <b>Multipurpose</b>         | Cleans and sanitizes in one operation   |
| <b>Effective</b>            | Effective against a wide range of pathogenic microorganisms including bacteria, fungi and virus. Tested against MERS-CoV, conc 1% - contact time 1 min (clean condition). |
| <b>Hard water tolerance</b> | Easy to rinse even in presence of hard water thanks to special sequestering agents inside the formulation.  |
| <b>Not corrosive</b>        | When used in the recommended dilutions the solution does not damage surfaces  |

### APPLICATIONS:

Biotect AV is particularly suitable for cleaning and sanitizing surfaces, floors, tools, utensils, in the institutional, food and hospital sectors.

### SPECIFICATIONS:

Form ..... Liquid  
 Colour ..... None  
 Odour ..... Almost none  
 Specific gravity at 20 °C ..... ± 1,06 kg/dm<sup>3</sup>  
 pH at 20 °C ..... 11,2 ± 0,5

### INSTRUCTIONS FOR USE:

Dilute the product considering the following concentrations:

- 4-5% cleaning and disinfectant action.  
Contact time 15 min. bactericidal and fungicidal activity.  
Contact time 30 min. complete virucidal activity.
- 2% cleaning and hygienic activity

Rinse with water.

Applicable by soaking, mop, spray and by manual or automatic nebulizer.

### APPROVALS:

- Registered by the Italian Ministry of Health P.M.C. N° 20711
- Authorization in Belgium according to Registratio N° 3318B
- Authorization in the Netherlands according to registration N° 15649N
- Authorization in Germany according to registration N-97080
- Authorization in France under BACTOPLUS name.

### ACTIVE INGREDIENTS

Active mixture of quaternary ammonium salts

### SANITIZING ACITIVITY:

| Actives         | Pathogen  | Test Reference   |
|-----------------|---|--|
| <b>Bacteria</b> | P. aeruginosa, S. aureus                            | EN 1276  |
|                 | L. interrogans                                      | EN 1276  |
|                 | P. vulgaris, E. hirae                               | EN 1656 (veterinary)   |
| <b>Fungus</b>   | A. niger, C. albicans                               | EN 13697<br>EN 1657 (veterinary)                                 |
|                 | Polio virus, Adenovirus                             | EN 14476<br>(clean conditions)                                   |
| <b>Virus</b>    | Norovirus   |  |
|                 | Avian flu virus                                     |  |
|                 | HBV, HCV, HIV, Family Filoviridae (including Ebola) | Estimated activity 120 minutes through indirect laboratory tests |
| MERS-CoV        |   |  |

### PRECAUTIONS FOR USE:

Indoor nebulization in the absence of people. Ventilate the room before using. For further information see MSDS.

### COMPATIBILITY:

Compatible with all washable surfaces. Aluminum, fiberglass and materials sensitive to alkaline products could be damaged depending on the concentration and contact times.

ISO 9001

BUREAU VERITAS  
Certification



N° 206982

All information in this document is based on our practical experience and/or laboratory tests. Due to the multiplicity of conditions for usage and variable human factors, we recommend that you always test our products for suitability prior to use. At any time, this version of the product specification report may have been revised based on legislation, availability of the individual ingredients or newly acquired information. The current approved version is available upon request.



**Zep UK Ltd.**  
 T • 0151 422 1000  
 F • 0151 422 1011  
 info@zep.co.uk  
 www.zep.co.uk



**Zep Italia s.r.l.**  
 T • 800 016 918  
 Numero Verde Tecnico  
 800-579185  
 tecnico@zepeurope.com  
 www.zep.it



**Zep Industries BV**  
 T • 02 347 01 17  
 F • 02 347 13 95  
 sales@zep.be  
 www.zepindustries.be



**Zep Industries BV**  
 T • 0164 250100  
 F • 0164 266710  
 info@zepbenelux.com  
 www.zepindustries.nl



**Zep Industries BV**  
 T • 0521 174158  
 F • 0521 5217114  
 sales@zepbenelux.com  
 www.zepindustries.de