



Manepa Hygienics, 628B Jordanstown Avenue,  
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Website: www.manepa.com Email: support@manepa.com

## TECHNICAL SPECIFICATION

### ALD 10 – BACTERICIDAL HAND SOAP

A clear, colourless, bactericidal hand soap. It produces a rich, creamy lather which powerfully cleans and kills bacteria yet is gentle on hands. Product contains a blend of anionic and amphoteric surfactants, inorganic viscosity modifiers, coconut oils, bactericide and preservative.

#### Features include:

- ◆ Specially formulated for use in areas where hygiene is of the utmost importance.
- ◆ Produces a rich lather.
- ◆ Broad spectrum activity against both gram-positive and gram-negative bacteria, moulds, yeasts, algae and viruses.
- ◆ The biocide present shows persistent activity even after the product has been rinsed off, ensuring prolonged protection.
- ◆ Safe for use in food prep areas and kitchens.
- ◆ Highly viscous and non-leaking for use in dispensers.
- ◆ All surfactants used are biodegradable and phosphate free.

#### PROPERTIES:

Appearance @ 20°C  
pH (neat)  
Odour  
Specific Gravity @ 20°C  
Flammability

#### SPECIFICATION:

Clear, colourless, highly viscous liquid  
7.0  
Odourless  
1.022+/- 0.003  
Non-flammable

#### DIRECTIONS FOR USE:

- ◆ Dispense through Kitchenmaster refillable soap dispensers or bag-in-box system.
- ◆ Apply 1ml to dry hands and rub in thoroughly, wetting slightly to form a rich lather.
- ◆ Rinse off with water and then dry hands thoroughly.

#### STORAGE:

Store in original container and protect from extremes of temperature. Do not store in direct sunlight nor allow the product to freeze. Shelf life (in unopened original container) is a minimum of 18 months.

#### SAFETY ADVICE:

Under the new GHS Standard this product is classified as Irritating to eyes and Toxic to aquatic organisms. Please refer to section 2.2 of the Safety Data Sheet for more information.

Manufactured to standard of BS EN 1276 testing.

#### PACK SIZES:

4x5L case (48 per pallet)  
12x800ml case (90 per pallet)



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The biocide used in ALD10 bactericidal hand soap has a safety in-use record of over 30 years in personal care preparations.

It is effective against a wide range of Gram-positive and Gram-negative bacteria, including opportunist transient and disease-causing bacteria.

The following is a list of standard strains of micro-organisms, representative of types of general importance, which ALD10 is effective against.

<b>Gram positive bacteria</b>	<b>Strain</b>
<i>Staphylococcus aureus</i>	ATCC 9144
<i>Staphylococcus aureus</i>	ATCC 6538
<i>Staphylococcus aureus</i>	ATCC 13709
<i>Staphylococcus aureus</i>	NCTC 6571
<i>Staphylococcus aureus</i>	NCTC 4136
<i>Staphylococcus epidermidis</i>	ATCC 1228
<i>Staphylococcus hominis</i>	ATCC 27844
<i>Micrococcus Luteus</i>	ATCC 9341
<i>Micrococcus Luteus</i>	ATCC 7468
<i>Sporasarcina Ureae</i>	ATCC 6473
<i>Corynebacterium minutissimum</i>	ATCC 23348
<i>Propionibacterium acnes</i>	ATCC 6919
<i>Corynebacterium melassecola</i>	ATCC 17965
<i>Brevibacterium ammoniagenes</i>	ATCC 6871
<i>Bacillus subtilis</i>	ATCC 6051
<i>Bacillus subtilis</i>	ATCC 6633
<i>Bacillus pumilus</i>	ATCC 7061
<i>Streptococcus pyogenes</i>	ATCC 9342
<i>Enterococcus faecalis</i>	ATCC 6055
<i>Enterococcus faecalis</i>	ATCC 10541
<i>Enterococcus faecalis</i>	ATCC 6057
<i>Enterococcus faecalis</i>	ATCC 292121

<b>Gram-negative Bacteria</b>	<b>Strain</b>
<i>Klebsiella aerogenes</i>	ATCC 13048
<i>Klebsiella pneumoniae</i>	ATCC 4352
<i>Klebsiella pneumoniae</i>	ATCC 10031
<i>Enterobacter cloacae</i>	ATCC 13047
<i>Proteus vulgaris</i>	ATCC 6896
<i>Proteus vulgaris</i>	ATCC 13315
<i>Proteus mirabilis</i>	ATCC 14153
<i>Proteus mirabilis</i>	ATCC 8309
<i>Escherichia coli</i>	NCTC 8196
<i>Escherichia coli</i>	ACTC 11229
<i>Escherichia coli</i>	ATCC 4157



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<i>Escherichia coli</i>	ATCC 10536
<i>Escherichia coli</i>	ATCC 25922
<i>Salmonella Typhimurium</i>	ATCC 13311
<i>Salmonella Typhi</i>	NCTC 786
<i>Salmonella Typhi</i>	ATCC 6539
<i>Salmonella choleraesius</i>	ATCC 1078
<i>Salmonella paratyphi</i>	NCTC 5704
<i>Serratia marcescens</i>	ATCC 13880
<i>Pseudomonas aeruginosa</i>	ATCC 19582
<i>Pseudomonas aeruginosa</i>	ATCC15442
<i>Pseudomonas fluorescens</i>	ATCC 17397
<i>Shigella dysenteriae</i>	NCTC 2249
<i>Shigella flexneri</i>	NCTC 8204
<i>Shigella sonnei</i>	NCTC 7240

#### Molds and Yeasts

	Strain
<i>Aspergillus Niger</i>	ATCC 6275
<i>Aspergillus versicolor</i>	ATCC 11730
<i>Aspergillus flavus</i>	ATCC 9643
<i>Aspergillus terreus</i>	ATCC 10690
<i>Trichophyton mentagrophytes</i>	ATCC 9533
<i>Trichophyton rubrum</i>	ATCC 10218
<i>Microsporum gypseum</i>	ATCC 6286
<i>Microsporum canis</i>	ATCC 10214
<i>Pityrosporum ovale</i>	ATCC 1452
<i>Candida albicans</i>	ATCC 10259
<i>Candida albicans</i>	ATCC 10231

Studies have also been published in the National Library of Medicine which show that the biocide used in ALD10 is effective against MRSA.

Manufactured to standard of BS EN 1276 testing. Complies with the requirements of BS EN 1499:1997.