

# HAND GEL

A powerful antibacterial hand sanitiser

## TECHNICAL DATA SHEET



### Description

A powerful hand gel which kills a wide range of bacteria, viruses and spores without the need for water. Not alcohol based and will not dry the skin or cause chafing.

### Recommended usage

It can be used wherever the highest standards of hand hygiene are required and is suitable for use in healthcare, food processing environments and all other workplaces where there is a risk of cross contamination. The product has been tested and is effective against a number of commonly occurring bacteria, yeast and viruses that are known to be highly transmissible and can result in infections and illnesses.

### Features and benefits

- Proven protection for up to 4 hours
- Works against many common micro-organisms within 30 seconds
- Kills up to 99.99% of common bacteria that can cause contamination or illness
- Kind to hands without drying the skin
- Excellent for alcohol restricted applications

### Characteristics

Active Ingredient	DDAC (didecyl dimethyl ammonium chloride)
CAS Number	7173-51-5
Colour	Colourless, clear
Odour	Apple fragrance
Oxidising	Non-oxidising
Solubility in Water	Soluble
Relative Density	1.02g/cm <sup>3</sup> (20°C)
pH	7-9

### Active ingredient

The active ingredient has a broad antimicrobial efficacy against gram-positive and gram-negative bacteria, yeast, and enveloped viruses. High antimicrobial efficacy is maintained even at low temperatures and in the presence of organic soil, such as blood and protein.

### Instructions for use

Apply a small amount to the hands and rub in well. Allow hands to air dry in order to maintain residual protection. Where water is available wash hands thoroughly with soap and dry before applying Hand Gel. Application to dry, cracked or cut skin should be avoided.

### Regulatory compliance

Governed by the requirements of the Biocidal Product Directive (EU Regulation 98/8/EC). Approved for sale in UK, and Republic of Ireland. The product is labelled in accordance with the Biocidal Product Directive.

### Safe handling and storage

Store in original container. Keep tightly closed in a dry, cool and well-ventilated place. Avoid heat, freezing and ultraviolet light. Do not allow to dry.

## EN 13697 - Quantitative surface test for bactericidal and/or fungicidal activity

### Test Objective

Quantitative non-porous surface test for the evaluation of bactericidal and/or fungicidal activity of disinfectants used in food, industrial, domestic and institutional areas. Without mechanical action.

### Test Description

Surface test for the assessment of the bactericidal and/or fungicidal activity of chemical disinfectants. This test method evaluates how effectively the product causes a reduction in the number of viable bacterial/fungicidal cells of the relevant test microorganisms.

Target Organism	Contact Time	Interfering Substance	Log Reduction
Enterococcus hirae	5 min	0.3 g/l Albumin and 8.5g/l skim milk (I&I clean conditions)	99.99%
Escherichia coli			
Pseudomonas aeruginosa			
Staphylococcus aureus			

## EN 1276 – Quantitative suspension test for bactericidal activity

### Test Objective

Quantitative microbiological evaluation to determine the antimicrobial efficacy of chemical disinfectants and antiseptics in accordance with the European standard, NF EN 1276.

### Test Description

Suspension test for the assessment of the bactericidal activity of chemical antiseptics and disinfectants. This test method evaluates how effectively the product causes a reduction in the number of viable bacterial cells of the relevant test microorganisms.

Target Organism	Contact Time	Interfering Substance	Log Reduction
Pseudomonas aeruginosa	5 min	0.3 g/l Albumin and (I&I clean conditions)	99.99%
Staphylococcus aureus			

## PACKAGING INFORMATION

Product Code	SI754	Barcode	5 060013 762408
Inner case contents	12	Case per pallet	3456
Carton dimensions (L x W x H) (cm)	25 x 9 x 13	Case per layer	864
Net weight (kg)	1.07kg	Layers per pallet	4

### > Virucidal Efficacy

Virucidal efficacy has been demonstrated in the presence of many enveloped viruses including Hepatitis B and HIV. SARS, MERS and COVID-19 are other examples of enveloped viruses.

### > COVID-19

We do not hold specific test data which analyses the effectiveness of our Hand Gel against the Coronavirus however test data has proven the effectiveness of DDAC, the active ingredient, against SARS (Severe Acute Respiratory Syndrome). Scientists in China have isolated the Coronavirus and found it to be very similar in genetic sequence to SARS (a minimum of 70% similarity).