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## TECHNICAL SPECIFICATION

### PINE DISINFECTANT 806

A general purpose disinfectant with a distinct pine odour for disinfecting floors, drains, waste bins, outside toilets and similar areas. Product contains a blend of quaternary ammonium biocide, pine oils, non-ionic surfactants, perfume and water soluble dyes

#### Features include:

- Complies with BS 6424:1990 (Group QAP 30) in that it satisfies the BS 6471 test at a dilution rate of 1 part Pine disinfectant to 30 parts water.
- Effective against a wide range of gram positive and gram negative bacteria such as *Pseudomonas aeruginosa*, *E. Coli*, *Staphylococcus aureus*, *Salmonella typhi*, viruses, fungi and algae.
- Strong pine odour leaves rooms and surfaces smelling clean and fresh.
- All surfactants used are biodegradable and phosphate free.
- Economical in use.
- Low toxicity product.
- Safe use on fabrics.

#### PROPERTIES:

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

#### SPECIFICATION:

Green, clear, non viscous liquid  
7 +/- 0.5  
Strong, pine odour  
0.998 +/- 0.002  
Non-flammable

#### DIRECTIONS FOR USE:

Make up a standard solution at a dilution rate 1:30

- **Floors, ledges and tables:** Mop or wipe with standard solution.
- **Sickroom:** Soak equipment, laundry etc. in standard solution for minimum of 1 hour.
- **Sinks, drains, toilets:** Use neat daily. Wipe toilet seat with standard solution.

Heavy soiled articles should be rinsed clean before disinfection.

Disinfection solutions should always be freshly prepared.

Do not mix with other cleaning chemicals.

*This product is not recommended for use for disinfection purposes at dilution rates greater than 1:30*

#### 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 not classified. Please refer to section 2.2 of the Safety Data Sheet for more information.

#### PACK SIZE:

4X5L case (48 per pallet)

Order Code: DIS806-4X5L



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Pine disinfectant is effective against the following bacteria / Fungi / Algae and yeasts at a dilution rate 1:30

#### **BACTERIA**

*Salmonella typhosa*  
*Salmonella enteritidis*  
*Pseudomonas aeruginosa*  
*Listeria monocytogenes*  
*Shigella dysenteriae*  
*Aerobacter aerogenes*  
*Micrococcus pyrogenes*  
*Streptococcus pyogenes*  
*Streptococcus mutans*  
*Streptococcus lactis*  
*Clostridium tetani*  
*Clostridium oedematiens*  
*Klebsiella pneumoniae*  
*Serratia marcescens*  
*Candida albicans*  
*Desulphovibrio desulphuricans*

*Salmonella paratyphi*  
*Salmonella dublin*  
*Pseudomonas fluorescens*  
*E. Coli*  
*Bacillus subtilis*  
*Vibrio cholerae*  
*Pneumococcus II*  
*Streptococcus faecalis*  
*Streptococcus sanguis*  
*Clostridium Welchii*  
*Clostridium histolyticum*  
*Klebsiella aerogenes*  
*Enterobacter cloacae*  
*Proteus vulgaris*  
*Proteus mirabilis*

#### **FUNGI**

*Aspergillus niger*  
*Myrothecium verucaria*

*Chaetomium globosum*  
*Trichoderma viride*

#### **ALGAE**

*Chlorella vulgaris*  
*Anabaena cylindrica*

*Stigeoclonium sp.*  
*Oscillatoria lenius*

#### **YEASTS**

*Saccharomyces cerevisiae*  
*Endomycopsis albicans*

*Rhodotorula rubra*

To eliminate **MRSA**, pine disinfectant should be used at a dilution rate 1:3.

#### **Pine Disinfectant & 5,5,5 TEST**

The 5,5,5 test was devised to give the biocidal activity of a product over a range of different organisms. The test organisms are: *Pseudomonas aeruginosa*, *Staphylococcus aureus*, *Proteus mirabilis*, *Streptococcus faecium*, *Saccharomyces cerevisiae*.

Contact time between the product and organism is 5 minutes. To pass this test, the required kill is 5 log<sub>10</sub> reduction in organisms. To pass this test under 'dirty' conditions, the pine disinfectant needs to be used at a dilution rate of 65%-70%.

#### **PINE DISINFECTANT & BACS TEST**

This test was devised by the British Association of Chemical Specialities in order to judge biocidal activity against *Escherichia coli*. The contact time is 10 minutes and the required kill is 4log<sub>10</sub> reduction in organisms. Pine disinfectant will pass this test at a dilution rate of 1:20.