



Evans Vanodine International plc

G L O B A L H Y G I E N E S O L U T I O N S

PYNOL



MICROBIOLOGICAL PROFILE

PYNOL MICROBIOLOGICAL PROFILE

INTRODUCTION

PYNOL is a general purpose disinfectant with a clean, fresh, pine fragrance and added detergent. It is formulated to kill a broad spectrum of bacteria and remove general soiling. It is suitable for floors, toilets, sinks, drains, waste-bins and hard surfaces.

PYNOL has been tested and shown to be effective against a range of disease causing micro-organisms.

European Standard test methods EN 1276 were performed in the UKAS accredited Microbiology Laboratory (Testing No. 1108) of Evans Vanodine International Plc.

These test methods use four reference bacteria, *Enterococcus hirae*, *Escherichia coli* (*E.coli*), *Pseudomonas aeruginosa* and *Staphylococcus aureus* as representatives of the main bacterial types. *Pseudomonas aeruginosa* is considered to be one of the most resistant bacteria to disinfectants and therefore the effective dilutions against this bacterium are normally used to determine recommended in-use dilutions.

PLEASE REFER TO PRODUCT LABEL FOR HOW TO USE AND FOR ALL RECOMMENDED USE DILUTION RATES

CONTENTS

PAGE

BACTERICIDAL ACTIVITY IN SUSPENSION

3

Enterococcus hirae
Escherichia coli
Pseudomonas aeruginosa
Staphylococcus aureus

A glossary of microbiological and chemical terms is available on request

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Activity against bacteria in suspension using

EN 1276

BACTERIA	DISEASE / INFECTION	Bactericidal dilutions under simulated "clean conditions"*
		CONTACT TIME
		5 minutes
<i>Enterococcus hirae</i>	Urinary tract infections	1:400
<i>Escherichia coli</i>	Food poisoning	1:100
<i>Pseudomonas aeruginosa</i>	Opportunistic pathogen, wound, burn infections	1:10
<i>Staphylococcus aureus</i>	Skin, bone and wound infections	1:200

* As defined in EN 1276 :

TEST METHOD REFERENCE

Laboratory tests for bactericidal activity have been performed by the UKAS accredited Microbiology Laboratory (Testing Number 1108) of Evans Vanodine International Plc.

EN 1276

Chemical disinfectants and antiseptics - Quantitative suspension test for the evaluation of bactericidal activity of chemical disinfectants and antiseptics used in food, industrial, domestic, and institutional areas

Designed to test bactericidal products specifically for use in the Food and Catering Industry. It was carried out under "clean" (representative of surfaces which have received a satisfactory cleaning programme and/or are known to contain minimal levels of organic and / or inorganic materials) conditions.

Test Parameters: 5 minute contact time, 20°C, hard water, clean conditions.
Bactericidal criteria: ≥ 5 log reduction $\equiv$ 99.999% reduction.